GR- MT. KLAPPAN 82(4)A

CONFIDENTIAL

APPENDIX IV

Washplant Simulation

Volume I

00110 (7)

APPENDIX IV

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Volume I

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Property:	Medium Ash Premium Coal Product

Volume II

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Each of the above areas and related coal products are detailed as listed below:

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APPENDIX IV

The washplant simulator requires as input a choice of seam intervals to be included as part of a specific product, and tonnage figures to represent the resource contained within each seam interval. The simulator allows the user to assemble any combination of data points and then to simulate the affect of major coal preparation methods. The present data-base allows the user to select heavy-media bath, heavy-media cyclone, baum jig and one or two-stage water only cyclone circuits. For any set of data points and any of the above circuits the program calculates the blend washability data of the feed, predicts the circuit performance (i.e. yield versus ash) with the specified feed and projects the quality of the product.

The program initially computes the blended washability of the feed. A standarized set of sink-float data is developed for each sample to be included. The results are expanded mathematically to specific gravity intervals of 0.01 by extrapolation from known points. Experience has shown that the results are accurate to 0.01 percent ash. Dilution, mining loss or other similar type of constraints may be incorporated with the expanded sink-float data for each sample. The individual expanded data sets are then combined, weighted by assigned tonnages and the data points are recalculated at the standard specific gravity intervals. The result is a mathematically precise set of blended sink-float data that represents production from the selected area. Printouts of the expanded raw or diluted individual washability sets, and the standard blended set, can be obtained at any time. The system has been expanded recently to produce washability curves for the data sets.

Secondly, the program addresses the performance of the coal cleaning circuit using partition curves (i.e., Ecarts Probable Moyen EPM). The present data base allows the user to select from four major coal cleaning circuits: Heavy-media bath, heavy media cyclone, baum jig and one or two-stage water-only cyclones. The system data-base contains statistical performance characteristics of the major cleaning components within the preceeding four major circuits. The statistical curves for the selected equipment are then recalculated using the blended washability data developed in the initial stage of the program. This technique modifies the circuit performance to specifically address the coal blend rather than superimposing statistical performance characteristics on a unique blend. When the refinements in the performance characteristics are combined with the higher degree of precision for the feed, the results can be viewed with a high degree of confidence.

The program output calculates a product quality and yield for the blend or for any individual data set. Additionally, it is possible to evaluate the effects of various operating sequences, represented by corresponding data points, on a number of common quality variables (i.e., volatile matter, fixed carbon, sulphur, and ash).

Two approaches are possible in determining blended ash and yield figures for a specific product over a defined area. In following what is called the "blend" route, a target ash is chosen and the simulation program chooses the specific gravity cut point to apply to each size fraction contributing to the product. (Only the two coarsest size fractions are included in the case of the low ash and medium ash premium coal products). In the "contribution" route the specific

gravity cut points are assigned manually to each set of float-sink data and the simulator determines the resulting yield and ash. In averaging quality data of the product coal the specific gravity cut points generated in the blend route are used in the contribution route to calculate clean coal tonnages for each seam interval. The quality data analyzed for each seam interval are then automatically weight averaged by the respective clean-coal tonnage.

Appendix IV contains the computer output generated in the course of simulation runs for the low ash premium, medium ash premium, and briquetting coal products. Nine separate runs were required to derive yield, ash and weight averaged quality data for the following products in the following areas:

Hobbit-Broatch Area	Low Ash Premium Product
Lost-Fox Area	Low Ash Premium Product
Property	Low Ash Premium Product
Hobbit-Broatch Area	Medium Ash Premium Product
Lost-Fox Area	Medium Ash Premium Product
Property	Medium Ash Premium Product
Hobbit-Broatch Area	Briquetting Premium Product
Lost-Fox Area	Briquetting Premium Product
Property	Briquetting Premium Product

For each run, a seven part report is enclosed in the Appendix.

Washability Data - Individual Limited Expanded Sets

In order to standardize the basis on which the float-sink data is reported, the laboratory results are first mathematically expanded to .01 S.G. increments (138 points) and then reduced to 12 predetermined points. These smaller "limited" expanded sets are reported for each sample and size fraction included in the product.

Washability Data - Blended Limited Expanded Set

The individual limited expanded sets are blended into a single set weighted by the assigned tonnage for each sample.

Washability Data - Blended Fully Expanded Set

The washability data for each size fraction of the single blended set is expanded again to 138 points (0.01 S.G. increments). The equipment efficiency factors to used in simulation of cleaning are also listed.

Yield Table - Blended Route

The cut points to produce a product of the desired ash are picked from the fully expanded blended data set. The raw data (ash and tonnage) the equipment factors applied, and the resulting data (clean and refuse ash and tonnage) are all represented in this table.

Washability Data - Individual Fully Expanded Sets

If the contribution route is to be followed, the fully expanded washability data sets for each size fraction of each sample created at the beginning of the blend route may be recalled and printed here.

Yield Tables - Contribution Route

The respective specific gravity cut points computed in the blend route are applied here to the fully expanded washability data of the appropriate size fraction for each sample and the resulting tonnages (raw, clean and refuse) are reported, by fraction for each sample, and in total for each sample.

Averaged Quality Data Tables - Contribution Route

The quality data for each sample and the total averages, weighted by clean coal tonnage, are reported.

Hobbit-Broatch Area

Low-Ash Premium Coal Product

Washability Data

Individual Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID : 4G WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 62.74 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	4.09	0.43	4.09	0.43	95.91	18.08
1.35	6.88	1.96	10.97	1.39	89.03	19.33
1.40	10.64	5.26	21.61	3.29	78.39	21.24
1.45	17.60	6.91	39.21	4.92	60.79	25.39
1.50	17.17	10.00	56.38	6.46	43.62	31.44
1.55	10.80	15.23	67.18	7.87	32.82	36.78
1.60	7.41	19.33	74.59	9.01	25.41	41.87
1.65	4.68	23.26	79.27	9.85	20.73	46.08
1.70	2.95	26.10	82.22	10.44	17.78	49.38
1.80	2.81	29.83	85.03	11.08	14.97	53.05
1.90	2.24	35.11	87.27	11.69	12.73	56.21
2.60	12.73	56.21	100.00	17.36	0.00	0.00

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GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDHB2006 SAMPLE ID 46 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 21.52 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	8.15	1.00	8.15	1.00	91.85	11.85
1.35	5.56	2.52	13.71	1.62	86.29	12.45
1.40	5.35	3.93	19.06	2.26	80.94	13.02
1.45	25.06	4.64	44.12	3.61	55.88	16.77
1.50	23.51	7.25	67.63	4.88	32.37	23.68
1.55	11.35	12.43	78.98	5.96	21.02	29.78
1.60	6.72	16.02	85.70	6.75	14.30	36.22
1.65	3.47	19.31	89.17	7.24	10.83	41.64
1.70	2.33	22.41	91.50	7.63	8.50	46.91
1.80	2.17	26.95	93.67	8.08	6.33	53.75
1.90	0.84	32.14	94.51	8.29	5.49	57.04
2.60	5.49	57.04	100.00	10.97	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 2 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 73.40 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	5.94	0.01	5.94	0.01	94.06	25.38
1.35	6.57	1.22	12.52	0.65	87.48	27.20
1.40	8.64	4.90	21.16	2.38	78.84	29.64
1.45	18.06	7.90	39.22	4.92	60.78	36.10
1.50	16.07	11.99	55.29	6.98	44.71	44.77
1.55	6.32	18.03	61.61	8.11	38.39	49.17
1.60	4.05	22.62	65.66	9.01	34.34	52.30
1.65	2.93	26.86	68.59	9.77	31.41	54.68
1.70	2.42	30.56	71.01	10.48	28.99	56.69
1.80	3.38	34.97	74.39	11.59	25.61	59.56
1.90	2.41	39.47	76.80	12.47	23.20	61.64
2.60	23.20	61.64	100.00	23.87	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 2 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.23 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	22.24	0.57	22.24	0.57	77.76	24.54
1.35	13.51	2.06	35.75	1.13	64.25	29.26
1.40	10.11	4.72	45.86	1.92	54.14	33.84
1.45	7.59	7.21	53.45	2.68	46.55	38.19
1.50	7.01	10.26	60.46	3.55	39.54	43.14
1.55	7.04	13.33	67.50	4.57	32.50	49.59
1.60	5.99	17.61	73.49	5.64	26.51	56.82
1.65	3.15	23.43	76.64	6.37	23.36	61.33
1.70	1.43	27.84	78.07	6.76	21.93	63.51
1.80	2.41	32.29	80.48	7.53	19.52	67.36
1.90	1.63	37.47	82.11	8.12	17.89	70.08
2.60	17.89	70.08	100.00	19.21	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCODH82001 SAMPLE ID 5 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 71.79 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	6.90	1.14	6.90	1.14	93.10	19.12
1.35	4.70	2.79	11.60	1.81	88.40	19.99
1.40	4.53	4.07	16.13	2.44	83.87	20.85
1.45	19.63	5.64	35.76	4.20	64.24	25.50
1.50	19.29	9.89	55.05	6.19	44.95	32.20
1.55	12.47	15.83	67.52	7.97	32.48	38.49
1.60	8.54	20.65	76.06	9.39	23.94	44.86
1.65	4.93	26.08	80.99	10.41	19.01	49.73
1.70	3.23	30.23	84.22	11.17	15.78	53.72
1.80	3.63	35.01	87.85	12.16	12.15	59.30
1.90	2.65	41.13	90.50	13.00	9.50	64.37
2.60	9.50	64.38	100.00	17.88	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 5 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.65 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	5.34	0.33	5.34	0.33	94.66	15.31
1.35	7.94	1.31	13.28	0.92	86.72	16.60
1.40	11.48	3.33	24.76	2.03	75.24	18.62
1.45	19.51	4.62	44.27	3.17	55.73	23.52
1.50	18.37	7.38	62.64	4.41	37.36	31.46
1.55	9.63	12.04	72.27	5.42	27.73	38.21
1.60	6.19	16.29	78.46	6.28	21.54	44.50
1.65	4.04	21.13	82.50	7.01	17.50	49.90
1.70	2.76	24.39	85.26	7.57	14.74	54.67
1.80	2.80	28.36	88.06	8.23	11.94	60.84
1.90	2.15	36.30	90.22	8.90	9.78	66.26
2.60	9.78	66.26	100.00	14.51	0.00	0.00

Washability Data

Blended Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 67.84 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	5.60	0.78	5.60	0.78	94.40	19.42
1.35	5.84	2.17	11.44	1.49	88.56	20.55
1.40	7.60	4.89	19.04	2.84	80.96	22.02
1.45	18.59	6.41	37.63	4.60	62.37	26.68
1.50	18.01	10.15	55.64	6.40	44.36	33.39
1.55	11.04	15.73	66.68	7.94	33.32	39.24
1.60	7.53	20.22	74.21	9.19	25.79	44.79
1.65	4.59	24.92	78.80	10.11	21.20	49.09
1.70	3.01	28.56	81.81	10.79	18.19	52.49
1.80	3.25	33.12	85.07	11.64	14.93	56.71
1.90	2.45	38.61	87.51	12.40	12.49	60.26
2.60	12.49	60.26	100.00	18.37	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

---FLOAT---

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 19.37 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	8.41	0.72	8.41	0.72	91.59	14.31
1.35	7.27	1.92	15.68	1.28	84.32	15.38
1.40	8.24	3.69	23.92	2.11	76.08	16.65
1.45	21.16	4.72	45.09	3.33	54.91	21.25
1.50	19.87	7.40	64.96	4.58	35.04	29.10
1.55	10.25	12.35	75.21	5.64	24.79	36.03
1.60	6.44	16.27	81.65	6.48	18.35	42.96
1.65	3.67	20.45	85.31	7.08	14.69	48.58
1.70	2.41	23.62	87.72	7.53	12.28	53.48
1.80	2.44	28.10	90.17	8.09	9.83	59.79
1.90	1.44	35.20	91.60	8.51	8.40	64.00
2.60	8.40	64.00	100.00	13.17	0.00	0.00

Washability Data

Blended Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY EQUIPEMENT HMC SG-ASH 5.00 EP 0.033 SG 1.43

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 67.84 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	98.947	0.0	0.010	0.0	0.01
1.24	0.64	0.13	0.64	0.13	98.896	0.634	0.132	0.01	0.13
1.25	0.69	0.25	1.33	0.20	98.794	1.319	0.195	0.01	0.25
1.26	0.75	0.37	2.08	0.26	98.693	2.055	0.259	0.01	0.37
1.27	0.80	0.60	2.88	0.35	98.593	2.842	0.353	0.02	0.60
1.28	0.85	0.93	3.73	0.48	98.494	3.682	0.484	0.02	0.93
1.29	0.91	1.25	4.64	0.63	98.394	4.574	0.633	0.02	1.25
1.30	0.96	1.57	5.60	0.79	98.295	5.519	0.794	0.02	1.57
1.31	1.16	1.57	6.75	0.93	98.194	6.653	0.926	0.03	1.57
1.32	1.26	1.57	8.01	1.03	98.093	7.887	1.027	0.03	1.57
1.33	1.33	1.94	9.34	1.16	97.990	9.186	1.156	0.04	1.94
1.34	1.05	2.67	10.39	1.31	97.318	10.210	1.309	0.04	2.67
1.35	1.05	3.40	11.44	1.50	95.916	11.219	1.497	0.06	3.40
1.36	1.06	3.78	12.50	1.70	93.195	12.209	1.682	0.10	3.78
1.37	0.96	4.15	13.47	1.87	89.492	13.073	1.845	0.15	4.15
1.38	1.19	4.60	14.66	2.09	84.255	14.078	2.042	0.27	4.60
1.39	1.75	5.11	16.41	2.42	77.251	15.429	2.311	0.57	5.11
1.40	2.63	5.62	19.04	2.86	69.629	17.259	2.662	1.15	5.62
1.41	3.61	5.62	22.65	3.30	67.424	19.691	3.028	1.69	5.62
1.42	3.94	5.62	26.59	3.64	59.848	22.050	3.306	2.27	5.62
1.43	4.12	6.09	30.71	3.97	52.273	24.204	3.554	2.82	6.09
1.44	3.52	7.03	34.22	4.29	42.424	25.695	3.755	2.90	7.03
1.45	3.40	7.96	37.63	4.62	34.848	26.880	3.941	3.18	7.96
1.46	3.66	8.32	41.29	4.95	27.273	27.879	4.098	3.82	8.32
1.47	3.67	8.68	44.96	5.25	18.048	28.542	4.204	4.31	8.68
1.48	3.64	9.69	48.60	5.58	12.520	28.997	4.290	4.57	9.69
1.49	3.57	11.34	52.17	5.98	8.687	29.308	4.365	4.68	11.34
1.50	3.47	12.99	55.64	6.42	7.096	29.554	4.437	4.63	12.99
1.51	3.05	14.04	58.69	6.81	5.484	29.721	4.491	4.14	14.04
1.52	2.46	15.09	61.15	7.15	4.434	29.830	4.530	3.37	15.09
1.53	2.04	16.09	63.19	7.43	3.868	29.909	4.560	2.81	16.09
1.54	1.78	17.03	64.98	7.70	3.330	29.969	4.585	2.47	17.03
1.55	1.70	17.98	66.68	7.96	2.845	30.017	4.606	2.37	17.98
1.56	1.70	18.62	68.38	8.23	2.442	30.059	4.626	2.39	18.62
1.57	1.65	19.25	70.03	8.49	2.149	30.094	4.643	2.32	19.25
1.58	1.55	20.18	71.59	8.74	1.991	30.125	4.659	2.18	20.18
1.59	1.41	21.39	72.99	8.98	1.903	30.152	4.674	1.98	21.39
1.60	1.21	22.60	74.21	9.21	1.806	30.174	4.687	1.71	22.60
1.61	1.07	23.39	75.28	9.41	1.708	30.192	4.698	1.51	23.39
1.62	1.00	24.17	76.28	9.60	1.611	30.208	4.709	1.41	24.17
1.63	0.93	25.03	77.20	9.78	1.515	30.222	4.718	1.31	25.03
1.64	0.84	25.97	78.05	9.96	1.420	30.234	4.726	1.19	25.97
1.65	0.75	26.90	78.80	10.12	1.327	30.244	4.734	1.06	26.90
1.66	0.70	27.45	79.50	10.28	1.237	30.253	4.740	1.00	27.45
1.67	0.68	27.99	80.18	10.43	1.149	30.261	4.746	0.97	27.99
1.68	0.63	28.64	80.81	10.57	1.065	30.267	4.752	0.90	28.64
1.69	0.55	29.39	81.37	10.70	0.984	30.273	4.758	0.79	29.39
1.70	0.45	30.14	81.81	10.80	0.920	30.277	4.760	0.63	30.14

1.71	0.38	30.72	82.19	10.89	0.840	30.280	4.762	0.54	30.72
1.72	0.37	31.31	82.55	10.98	0.759	30.283	4.765	0.52	31.31
1.73	0.36	31.88	82.91	11.07	0.678	30.285	4.767	0.51	31.88
1.74	0.35	32.46	83.26	11.16	0.597	30.287	4.769	0.49	32.46
1.75	0.33	33.03	83.59	11.25	0.517	30.289	4.770	0.48	33.03
1.76	0.32	33.61	83.91	11.34	0.438	30.291	4.772	0.46	33.61
1.77	0.31	34.18	84.22	11.42	0.360	30.292	4.773	0.44	34.18
1.78	0.30	34.75	84.52	11.50	0.284	30.292	4.774	0.42	34.75
1.79	0.28	35.31	84.80	11.58	0.211	30.293	4.774	0.40	35.31
1.80	0.27	35.87	85.07	11.66	0.140	30.293	4.775	0.38	35.87
1.81	0.26	36.36	85.33	11.73	0.071	30.294	4.775	0.37	36.36
1.82	0.26	36.85	85.59	11.81	0.006	30.294	4.775	0.37	36.85
1.83	0.26	37.33	85.85	11.89	0.0	30.294	4.775	0.37	37.33
1.84	0.26	37.81	86.10	11.96	0.0	30.294	4.775	0.37	37.81
1.85	0.25	38.29	86.35	12.04	0.0	30.294	4.775	0.36	38.29
1.86	0.25	38.90	86.60	12.12	0.0	30.294	4.775	0.35	38.90
1.87	0.24	39.52	86.84	12.19	0.0	30.294	4.775	0.35	39.52
1.88	0.23	40.13	87.08	12.27	0.0	30.294	4.775	0.33	40.13
1.89	0.22	40.74	87.30	12.34	0.0	30.294	4.775	0.32	40.74
1.90	0.21	41.34	87.51	12.41	0.0	30.294	4.775	0.31	41.34
1.91	0.21	41.72	87.72	12.48	0.0	30.294	4.775	0.30	41.72
1.92	0.21	42.11	87.93	12.55	0.0	30.294	4.775	0.30	42.11
1.93	0.21	42.49	88.14	12.62	0.0	30.294	4.775	0.30	42.49
1.94	0.21	42.87	88.34	12.69	0.0	30.294	4.775	0.30	42.87
1.95	0.20	43.25	88.55	12.76	0.0	30.294	4.775	0.29	43.25
1.96	0.20	43.62	88.75	12.83	0.0	30.294	4.775	0.29	43.62
1.97	0.20	43.99	88.95	12.90	0.0	30.294	4.775	0.29	43.99
1.98	0.20	44.37	89.16	12.98	0.0	30.294	4.775	0.29	44.37
1.99	0.20	44.73	89.36	13.05	0.0	30.294	4.775	0.29	44.73
2.00	0.20	45.10	89.56	13.12	0.0	30.294	4.775	0.29	45.10
2.01	0.20	45.47	89.76	13.19	0.0	30.294	4.775	0.29	45.47
2.02	0.20	45.83	89.96	13.26	0.0	30.294	4.775	0.29	45.83
2.03	0.20	46.19	90.16	13.34	0.0	30.294	4.775	0.28	46.19
2.04	0.20	46.56	90.35	13.41	0.0	30.294	4.775	0.28	46.56
2.05	0.20	46.91	90.55	13.48	0.0	30.294	4.775	0.28	46.91
2.06	0.20	47.27	90.75	13.55	0.0	30.294	4.775	0.28	47.27
2.07	0.20	47.63	90.94	13.63	0.0	30.294	4.775	0.28	47.63
2.08	0.19	47.98	91.14	13.70	0.0	30.294	4.775	0.28	47.98
2.09	0.19	48.33	91.33	13.77	0.0	30.294	4.775	0.28	48.33
2.10	0.19	48.68	91.52	13.85	0.0	30.294	4.775	0.28	48.68
2.11	0.19	49.03	91.72	13.92	0.0	30.294	4.775	0.28	49.03
2.12	0.19	49.38	91.91	14.00	0.0	30.294	4.775	0.27	49.38
2.13	0.19	49.72	92.10	14.07	0.0	30.294	4.775	0.27	49.72
2.14	0.19	50.07	92.29	14.14	0.0	30.294	4.775	0.27	50.07
2.15	0.19	50.41	92.47	14.22	0.0	30.294	4.775	0.27	50.41
2.16	0.19	50.75	92.66	14.29	0.0	30.294	4.775	0.27	50.75
2.17	0.19	51.09	92.85	14.36	0.0	30.294	4.775	0.27	51.09
2.18	0.19	51.42	93.03	14.44	0.0	30.294	4.775	0.27	51.42
2.19	0.18	51.76	93.22	14.51	0.0	30.294	4.775	0.27	51.76
2.20	0.18	52.09	93.40	14.59	0.0	30.294	4.775	0.26	52.09
2.21	0.18	52.43	93.59	14.66	0.0	30.294	4.775	0.26	52.43
2.22	0.18	52.76	93.77	14.73	0.0	30.294	4.775	0.26	52.76
2.23	0.18	53.09	93.95	14.81	0.0	30.294	4.775	0.26	53.09
2.24	0.18	53.42	94.13	14.88	0.0	30.294	4.775	0.26	53.42
2.25	0.18	53.74	94.31	14.96	0.0	30.294	4.775	0.26	53.74
2.26	0.18	55.04	94.49	15.03	0.0	30.294	4.775	0.26	55.04
2.27	0.18	56.33	94.67	15.11	0.0	30.294	4.775	0.26	56.33
2.28	0.18	57.61	94.84	15.19	0.0	30.294	4.775	0.25	57.61
2.29	0.18	58.89	95.02	15.27	0.0	30.294	4.775	0.25	58.89
2.30	0.18	60.17	95.20	15.35	0.0	30.294	4.775	0.25	60.17

2.31	0.17	61.43	95.37	15.44	0.0	30.294	4.775	0.25	61.43
2.32	0.17	62.70	95.54	15.52	0.0	30.294	4.775	0.25	62.70
2.33	0.17	63.95	95.71	15.61	0.0	30.294	4.775	0.25	63.95
2.34	0.17	65.21	95.89	15.70	0.0	30.294	4.775	0.25	65.21
2.35	0.17	66.45	96.06	15.79	0.0	30.294	4.775	0.24	66.45
2.36	0.17	67.69	96.23	15.88	0.0	30.294	4.775	0.24	67.69
2.37	0.17	68.93	96.39	15.97	0.0	30.294	4.775	0.24	68.93
2.38	0.17	70.16	96.56	16.07	0.0	30.294	4.775	0.24	70.16
2.39	0.17	71.39	96.73	16.16	0.0	30.294	4.775	0.24	71.39
2.40	0.17	72.61	96.89	16.26	0.0	30.294	4.775	0.24	72.61
2.41	0.16	73.82	97.06	16.36	0.0	30.294	4.775	0.24	73.82
2.42	0.16	75.03	97.22	16.46	0.0	30.294	4.775	0.23	75.03
2.43	0.16	76.24	97.39	16.56	0.0	30.294	4.775	0.23	76.24
2.44	0.16	77.44	97.55	16.66	0.0	30.294	4.775	0.23	77.44
2.45	0.16	78.63	97.71	16.76	0.0	30.294	4.775	0.23	78.63
2.46	0.16	79.82	97.87	16.86	0.0	30.294	4.775	0.23	79.82
2.47	0.16	81.01	98.03	16.96	0.0	30.294	4.775	0.23	81.01
2.48	0.16	82.19	98.18	17.07	0.0	30.294	4.775	0.23	82.19
2.49	0.16	83.37	98.34	17.18	0.0	30.294	4.775	0.23	83.37
2.50	0.16	84.54	98.50	17.28	0.0	30.294	4.775	0.22	84.54
2.51	0.15	85.70	98.65	17.39	0.0	30.294	4.775	0.22	85.70
2.52	0.15	86.87	98.81	17.50	0.0	30.294	4.775	0.22	86.87
2.53	0.15	88.02	98.96	17.61	0.0	30.294	4.775	0.22	88.02
2.54	0.15	89.18	99.11	17.72	0.0	30.294	4.775	0.22	89.18
2.55	0.15	90.32	99.26	17.83	0.0	30.294	4.775	0.22	90.32
2.56	0.15	91.47	99.41	17.94	0.0	30.294	4.775	0.21	91.47
2.57	0.15	92.61	99.56	18.05	0.0	30.294	4.775	0.21	92.61
2.58	0.15	93.74	99.71	18.16	0.0	30.294	4.775	0.21	93.74
2.59	0.15	94.87	99.85	18.27	0.0	30.294	4.775	0.21	94.87
2.60	0.15	96.00	100.00	18.39	0.011	30.294	4.775	0.21	96.00

RELATIVE WT.%	67.84	CLEAN COAL ASH %	4.77	REFUSE ASH %	24.30
HEAD ASH %	18.39	CLEAN COAL YIELD%	30.29	REFUSE YIELD%	69.71
RAW COAL TON.	88.497864	CLEAN COAL TON.	26.809219	REFUSE TON.	61.688644
THEO. YIELD	39.36	ECART PROB. MOYEN	0.0327		
SG OF SEPARATION	1.455	IMPERFECTION	0.023		
NEAR GRAVITY MAT	55.538				
ORGANIC EFFCY.	76.96				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY EQUIPEMENT HMC SG-ASH 5.00 EP 0.075 SG 1.47
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 19.37 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM WT%	CLEAN COAL CUM ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.018	0.0	0.010	0.0	0.01
1.24	1.09	0.15	1.09	0.15	97.973	1.069	0.149	0.04	0.15
1.25	1.12	0.29	2.22	0.22	97.833	2.169	0.219	0.05	0.29
1.26	1.16	0.42	3.37	0.29	97.459	3.299	0.289	0.06	0.42
1.27	1.20	0.63	4.57	0.38	96.934	4.459	0.377	0.07	0.63
1.28	1.24	0.89	5.81	0.49	96.319	5.651	0.485	0.09	0.89
1.29	1.28	1.16	7.09	0.61	95.650	6.874	0.604	0.11	1.16
1.30	1.32	1.42	8.41	0.73	95.000	8.131	0.730	0.13	1.42
1.31	1.38	1.44	9.79	0.83	94.360	9.435	0.828	0.15	1.44
1.32	1.44	1.46	11.23	0.92	93.583	10.783	0.908	0.18	1.46
1.33	1.48	1.73	12.71	1.01	92.510	12.149	1.000	0.21	1.73
1.34	1.49	2.24	14.20	1.14	90.984	13.506	1.124	0.26	2.24
1.35	1.48	2.74	15.68	1.29	87.675	14.806	1.266	0.35	2.74
1.36	1.36	3.02	17.04	1.43	85.012	15.961	1.393	0.39	3.02
1.37	1.28	3.31	18.32	1.56	82.078	17.012	1.511	0.44	3.31
1.38	1.42	3.60	19.75	1.71	78.940	18.136	1.641	0.58	3.60
1.39	1.79	3.91	21.54	1.89	75.665	19.493	1.799	0.84	3.91
1.40	2.38	4.22	23.92	2.12	71.667	21.201	1.994	1.30	4.22
1.41	3.65	4.22	27.58	2.40	68.333	23.696	2.228	2.23	4.22
1.42	4.59	4.22	32.17	2.66	65.000	26.681	2.451	3.09	4.22
1.43	5.10	4.52	37.27	2.91	61.667	29.827	2.669	3.76	4.52
1.44	4.05	5.13	41.32	3.13	58.333	32.187	2.850	3.25	5.13
1.45	3.77	5.73	45.09	3.35	55.000	34.261	3.024	3.27	5.73
1.46	4.12	5.95	49.21	3.57	51.667	36.391	3.195	3.84	5.95
1.47	4.14	6.16	53.35	3.77	48.333	38.392	3.350	4.12	6.16
1.48	4.06	6.99	57.41	4.00	46.667	40.289	3.521	4.17	6.99
1.49	3.90	8.44	61.31	4.28	43.333	41.979	3.719	4.26	8.44
1.50	3.65	9.88	64.96	4.59	40.000	43.437	3.926	4.21	9.88
1.51	3.06	10.94	68.02	4.88	36.667	44.561	4.103	3.74	10.94
1.52	2.35	11.92	70.38	5.11	33.333	45.346	4.238	3.02	11.92
1.53	1.85	12.75	72.22	5.31	30.000	45.900	4.341	2.49	12.75
1.54	1.54	13.53	73.77	5.48	26.667	46.311	4.423	2.18	13.53
1.55	1.44	14.30	75.21	5.65	21.793	46.625	4.489	2.17	14.30
1.56	1.46	14.86	76.67	5.83	18.848	46.901	4.550	2.29	14.86
1.57	1.43	15.41	78.11	6.00	16.182	47.133	4.604	2.32	15.41
1.58	1.35	16.24	79.45	6.18	13.808	47.319	4.650	2.24	16.24
1.59	1.20	17.33	80.65	6.34	11.742	47.460	4.687	2.04	17.33
1.60	0.99	18.42	81.65	6.49	10.000	47.560	4.716	1.72	18.42
1.61	0.85	19.13	82.50	6.62	8.566	47.632	4.738	1.49	19.13
1.62	0.80	19.83	83.30	6.75	7.399	47.691	4.757	1.43	19.83
1.63	0.74	20.57	84.04	6.87	6.479	47.740	4.773	1.34	20.57
1.64	0.68	21.34	84.71	6.98	5.783	47.779	4.786	1.22	21.34
1.65	0.60	22.10	85.31	7.09	5.289	47.810	4.798	1.09	22.10
1.66	0.56	22.59	85.87	7.19	4.976	47.838	4.808	1.02	22.59
1.67	0.54	23.08	86.41	7.29	4.752	47.864	4.818	1.00	23.08
1.68	0.50	23.68	86.92	7.39	4.501	47.887	4.827	0.93	23.68
1.69	0.44	24.38	87.36	7.47	4.250	47.905	4.835	0.82	24.38
1.70	0.36	25.08	87.72	7.54	4.001	47.920	4.841	0.67	25.08

1.71	0.31	25.66	88.03	7.61	3.756	47.931	4.846	0.57	25.66
1.72	0.30	26.23	88.33	7.67	3.517	47.942	4.850	0.55	26.23
1.73	0.29	26.80	88.61	7.73	3.287	47.951	4.855	0.53	26.80
1.74	0.27	27.37	88.89	7.79	3.068	47.960	4.859	0.51	27.37
1.75	0.26	27.94	89.14	7.85	2.862	47.967	4.862	0.48	27.94
1.76	0.24	28.68	89.39	7.91	2.672	47.973	4.865	0.45	28.68
1.77	0.22	29.42	89.61	7.96	2.500	47.979	4.868	0.42	29.42
1.78	0.21	30.16	89.82	8.01	2.348	47.984	4.871	0.39	30.16
1.79	0.19	30.89	90.00	8.06	2.219	47.988	4.873	0.35	30.89
1.80	0.16	31.62	90.17	8.10	2.114	47.992	4.875	0.31	31.62
1.81	0.15	32.25	90.32	8.14	2.037	47.995	4.877	0.29	32.25
1.82	0.15	32.88	90.47	8.18	1.989	47.998	4.878	0.29	32.88
1.83	0.15	33.51	90.62	8.23	1.958	48.001	4.880	0.29	33.51
1.84	0.15	34.13	90.77	8.27	1.915	48.003	4.882	0.28	34.13
1.85	0.15	34.75	90.92	8.31	1.873	48.006	4.884	0.28	34.75
1.86	0.14	35.57	91.07	8.36	1.830	48.009	4.885	0.27	35.57
1.87	0.14	36.37	91.21	8.40	1.788	48.011	4.887	0.27	36.37
1.88	0.14	37.18	91.34	8.44	1.745	48.014	4.889	0.26	37.18
1.89	0.13	37.98	91.48	8.49	1.703	48.016	4.890	0.25	37.98
1.90	0.13	38.78	91.60	8.53	1.660	48.018	4.892	0.24	38.78
1.91	0.12	39.45	91.73	8.57	1.618	48.020	4.893	0.24	39.45
1.92	0.12	40.12	91.85	8.61	1.576	48.022	4.895	0.24	40.12
1.93	0.12	40.78	91.98	8.66	1.534	48.024	4.896	0.24	40.78
1.94	0.12	41.45	92.10	8.70	1.492	48.026	4.897	0.24	41.45
1.95	0.12	42.11	92.23	8.75	1.450	48.028	4.899	0.24	42.11
1.96	0.12	42.76	92.35	8.79	1.409	48.030	4.900	0.24	42.76
1.97	0.12	43.41	92.48	8.84	1.368	48.031	4.902	0.24	43.41
1.98	0.12	44.06	92.60	8.89	1.328	48.033	4.903	0.24	44.06
1.99	0.12	44.71	92.73	8.93	1.288	48.034	4.904	0.24	44.71
2.00	0.12	45.35	92.85	8.98	1.249	48.036	4.906	0.24	45.35
2.01	0.12	45.99	92.98	9.03	1.210	48.038	4.907	0.24	45.99
2.02	0.12	46.63	93.10	9.08	1.171	48.039	4.908	0.24	46.63
2.03	0.12	47.26	93.23	9.13	1.134	48.040	4.909	0.24	47.26
2.04	0.12	47.89	93.35	9.19	1.097	48.042	4.911	0.24	47.89
2.05	0.12	48.52	93.48	9.24	1.060	48.043	4.912	0.24	48.52
2.06	0.12	49.14	93.60	9.29	1.025	48.044	4.913	0.24	49.14
2.07	0.12	49.76	93.73	9.35	0.990	48.046	4.914	0.24	49.76
2.08	0.12	50.38	93.85	9.40	0.965	48.047	4.915	0.24	50.38
2.09	0.12	51.00	93.97	9.45	0.930	48.048	4.916	0.24	51.00
2.10	0.12	51.61	94.10	9.51	0.895	48.049	4.918	0.24	51.61
2.11	0.12	52.22	94.22	9.57	0.860	48.050	4.919	0.24	52.22
2.12	0.12	52.82	94.35	9.62	0.824	48.051	4.920	0.24	52.82
2.13	0.12	53.43	94.47	9.68	0.789	48.052	4.921	0.24	53.43
2.14	0.12	54.03	94.59	9.74	0.753	48.053	4.922	0.24	54.03
2.15	0.12	54.63	94.72	9.80	0.718	48.054	4.922	0.24	54.63
2.16	0.12	55.22	94.84	9.86	0.682	48.055	4.923	0.24	55.22
2.17	0.12	55.81	94.97	9.92	0.647	48.056	4.924	0.24	55.81
2.18	0.12	56.40	95.09	9.98	0.612	48.056	4.925	0.24	56.40
2.19	0.12	56.99	95.21	10.04	0.576	48.057	4.926	0.24	56.99
2.20	0.12	57.57	95.33	10.10	0.541	48.058	4.926	0.24	57.57
2.21	0.12	58.16	95.46	10.16	0.506	48.058	4.927	0.24	58.16
2.22	0.12	58.73	95.58	10.22	0.472	48.059	4.928	0.23	58.73
2.23	0.12	59.31	95.70	10.28	0.437	48.060	4.928	0.23	59.31
2.24	0.12	59.88	95.82	10.35	0.403	48.060	4.929	0.23	59.88
2.25	0.12	60.46	95.95	10.41	0.369	48.060	4.930	0.23	60.46
2.26	0.12	61.55	96.07	10.48	0.336	48.061	4.930	0.23	61.55
2.27	0.12	62.63	96.19	10.54	0.303	48.061	4.930	0.23	62.63
2.28	0.12	63.71	96.31	10.61	0.270	48.062	4.931	0.23	63.71
2.29	0.12	64.79	96.43	10.68	0.237	48.062	4.931	0.23	64.79
2.30	0.12	65.86	96.55	10.75	0.205	48.062	4.932	0.23	65.86

2.31	0.12	66.93	96.67	10.82	0.174	48.062	4.932	0.23	66.93
2.32	0.12	67.99	96.79	10.89	0.143	48.062	4.932	0.23	67.99
2.33	0.12	69.04	96.91	10.96	0.113	48.063	4.932	0.23	69.04
2.34	0.12	70.10	97.03	11.03	0.083	48.063	4.932	0.23	70.10
2.35	0.12	71.15	97.15	11.11	0.054	48.063	4.932	0.23	71.15
2.36	0.12	72.19	97.27	11.18	0.025	48.063	4.932	0.23	72.19
2.37	0.12	73.23	97.39	11.26	0.0	48.063	4.932	0.23	73.23
2.38	0.12	74.26	97.51	11.33	0.0	48.063	4.932	0.23	74.26
2.39	0.12	75.30	97.62	11.41	0.0	48.063	4.932	0.23	75.30
2.40	0.12	76.32	97.74	11.49	0.0	48.063	4.932	0.23	76.32
2.41	0.12	77.34	97.86	11.57	0.0	48.063	4.932	0.23	77.34
2.42	0.12	78.36	97.98	11.65	0.0	48.063	4.932	0.22	78.36
2.43	0.12	79.38	98.09	11.73	0.0	48.063	4.932	0.22	79.38
2.44	0.12	80.39	98.21	11.81	0.0	48.063	4.932	0.22	80.39
2.45	0.12	81.39	98.32	11.89	0.0	48.063	4.932	0.22	81.39
2.46	0.12	82.39	98.44	11.97	0.0	48.063	4.932	0.22	82.39
2.47	0.11	83.39	98.55	12.05	0.0	48.063	4.932	0.22	83.39
2.48	0.11	84.38	98.67	12.14	0.0	48.063	4.932	0.22	84.38
2.49	0.11	85.37	98.78	12.22	0.0	48.063	4.932	0.22	85.37
2.50	0.11	86.36	98.89	12.31	0.0	48.063	4.932	0.22	86.36
2.51	0.11	87.34	99.01	12.39	0.0	48.063	4.932	0.22	87.34
2.52	0.11	88.32	99.12	12.48	0.0	48.063	4.932	0.22	88.32
2.53	0.11	89.29	99.23	12.57	0.0	48.063	4.932	0.22	89.29
2.54	0.11	90.26	99.34	12.65	0.0	48.063	4.932	0.21	90.26
2.55	0.11	91.23	99.45	12.74	0.0	48.063	4.932	0.21	91.23
2.56	0.11	92.19	99.56	12.83	0.0	48.063	4.932	0.21	92.19
2.57	0.11	93.15	99.67	12.92	0.0	48.063	4.932	0.21	93.15
2.58	0.11	94.10	99.78	13.01	0.0	48.063	4.932	0.21	94.10
2.59	0.11	95.05	99.89	13.10	0.0	48.063	4.932	0.21	95.05
2.60	0.11	96.00	100.00	13.19	0.0	48.063	4.932	0.21	96.00

RELATIVE WT %	19.37	CLEAN COAL ASH %	4.93	REFUSE ASH %	20.82
HEAD ASH %	13.19	CLEAN COAL YIELD%	48.06	REFUSE YIELD%	51.94
RAW COAL TON.	25.270782	CLEAN COAL TON.	12.145842	REFUSE TON.	13.124941
THEO. YIELD	68.55	ECART PROB, MOYEN	0.0747		
SG OF SEPARATION	1.512	IMPERFECTION	0.051		
NEAR GRAVITY MAT	54.065				
ORGANIC EFFCY.	70.11				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : BLEND SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN HOB

MINE PERIOD : PROPERTY

FRACTION SIZE (MM)	10.00	0.60	0.60	0.15	
EQUIPMENT		HMC		HMC	
RELATIVE WEIGHT %		67.84		19.37	87.21
HEAD ASH %		18.39		13.19	17.23
RAW COAL TONNAGE		88.497864		25.270782	113.768646
CLEAN COAL ASH %		4.77		4.93	4.82
CLEAN COAL YIELD		30.29		48.06	34.24
CLEAN COAL TONNAGE		26.809219		12.145842	38.955048
THEORETICAL YIELD		39.36		68.55	
THEO. CUTPOINT		1.455		1.51	
NEAR GRAVITY MATERIAL		55.538		54.065	
ORGANIC EFFICIENCY		76.96		70.11	
ECART PROBABLE MOYEN		0.0327		0.075	
IMPERFECTION		0.023		0.051	
REFUSE ASH		24.30		20.82	23.69
REFUSE YIELD		69.71		51.94	65.76
REFUSE TONNAGE		61.688644		13.124941	74.813583

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**** COMPLETED PROCESS 2 ****
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Washability Data

Individual Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 46 WID: WA1 EQUIPE HMC SG-ASH 5.00 EP 0.033 SG 1.43

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 62.74 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.947	0.0	0.010	0.0	0.01
1.24	0.22	0.10	0.22	0.10	98.896	0.218	0.100	0.00	0.10
1.25	0.34	0.18	0.56	0.15	98.794	0.553	0.149	0.01	0.18
1.26	0.46	0.27	1.02	0.20	98.693	1.007	0.203	0.01	0.27
1.27	0.58	0.36	1.60	0.26	98.593	1.579	0.260	0.01	0.36
1.28	0.70	0.44	2.30	0.31	98.494	2.269	0.315	0.02	0.44
1.29	0.83	0.53	3.13	0.37	98.394	3.085	0.372	0.02	0.53
1.30	0.96	0.61	4.09	0.43	98.295	4.029	0.428	0.02	0.61
1.31	1.09	0.69	5.18	0.48	98.194	5.099	0.483	0.03	0.69
1.32	1.23	1.08	6.41	0.60	98.093	6.306	0.597	0.03	1.08
1.33	1.37	1.78	7.78	0.81	97.990	7.648	0.805	0.04	1.78
1.34	1.52	2.46	9.30	1.08	97.318	9.128	1.073	0.06	2.46
1.35	1.66	3.15	10.96	1.39	95.916	10.720	1.381	0.10	3.15
1.36	1.81	3.82	12.77	1.73	93.195	12.407	1.713	0.18	3.82
1.37	1.97	4.50	14.74	2.10	89.492	14.170	2.060	0.30	4.50
1.38	2.12	5.16	16.86	2.49	84.255	15.956	2.407	0.49	5.16
1.39	2.28	5.83	19.14	2.89	77.251	17.717	2.747	0.76	5.83
1.40	2.45	6.49	21.59	3.30	69.629	19.423	3.076	1.09	6.49
1.41	2.81	6.62	24.40	3.68	67.424	21.318	3.391	1.34	6.62
1.42	3.29	6.76	27.69	4.04	59.848	23.287	3.676	1.93	6.76
1.43	3.64	6.89	31.33	4.38	52.273	25.189	3.918	2.54	6.89
1.44	3.87	7.02	35.20	4.67	42.424	26.831	4.108	3.26	7.02
1.45	3.98	7.15	39.18	4.92	34.848	28.218	4.258	3.79	7.15
1.46	3.96	8.17	43.14	5.22	27.273	29.298	4.402	4.21	8.17
1.47	3.82	9.19	46.96	5.54	18.048	29.988	4.512	4.58	9.19
1.48	3.56	10.20	50.52	5.87	12.520	30.433	4.595	4.55	10.20
1.49	3.17	11.20	53.69	6.18	8.687	30.709	4.655	4.23	11.20
1.50	2.66	12.19	56.35	6.47	7.096	30.897	4.701	3.61	12.19
1.51	2.33	13.24	58.68	6.74	5.484	31.025	4.736	3.22	13.24
1.52	2.26	14.29	60.94	7.02	4.434	31.125	4.767	3.16	14.29
1.53	2.18	15.32	63.12	7.30	3.868	31.210	4.795	3.06	15.32
1.54	2.08	16.35	65.20	7.59	3.330	31.279	4.821	2.94	16.35
1.55	1.96	17.38	67.16	7.88	2.845	31.335	4.843	2.78	17.38
1.56	1.82	18.09	68.98	8.15	2.442	31.379	4.862	2.60	18.09
1.57	1.67	18.80	70.65	8.40	2.149	31.415	4.878	2.39	18.80
1.58	1.50	19.50	72.15	8.63	1.991	31.445	4.892	2.15	19.50
1.59	1.31	20.20	73.46	8.84	1.903	31.470	4.904	1.88	20.20
1.60	1.11	20.89	74.57	9.01	1.806	31.490	4.914	1.59	20.89
1.61	1.00	21.71	75.57	9.18	1.708	31.507	4.923	1.44	21.71
1.62	0.98	22.52	76.55	9.35	1.611	31.523	4.932	1.41	22.52
1.63	0.95	23.32	77.50	9.52	1.516	31.537	4.940	1.37	23.32
1.64	0.91	24.12	78.41	9.69	1.420	31.550	4.948	1.31	24.12
1.65	0.85	24.92	79.26	9.86	1.327	31.561	4.955	1.23	24.92
1.66	0.78	25.37	80.04	10.01	1.237	31.571	4.961	1.13	25.37
1.67	0.70	25.82	80.74	10.15	1.149	31.579	4.967	1.01	25.82
1.68	0.60	26.26	81.34	10.26	1.065	31.586	4.971	0.87	26.26
1.69	0.49	26.70	81.83	10.36	0.984	31.590	4.974	0.71	26.70
1.70	0.37	27.14	82.20	10.44	0.920	31.594	4.977	0.54	27.14

1.71	0.31	27.64	82.51	10.50	0.840	31.596	4.979	0.45	27.64
1.72	0.30	28.12	82.81	10.57	0.759	31.599	4.980	0.44	28.12
1.73	0.30	28.61	83.11	10.63	0.678	31.601	4.982	0.44	28.61
1.74	0.30	29.09	83.41	10.70	0.597	31.602	4.983	0.44	29.09
1.75	0.29	29.57	83.70	10.76	0.517	31.604	4.984	0.42	29.57
1.76	0.28	30.16	83.98	10.83	0.438	31.605	4.985	0.41	30.16
1.77	0.27	30.74	84.25	10.89	0.360	31.606	4.986	0.39	30.74
1.78	0.26	31.31	84.51	10.96	0.284	31.607	4.987	0.38	31.31
1.79	0.25	31.89	84.76	11.02	0.211	31.607	4.987	0.36	31.89
1.80	0.24	32.46	85.00	11.08	0.140	31.608	4.987	0.35	32.46
1.81	0.23	32.83	85.23	11.14	0.071	31.608	4.988	0.34	32.83
1.82	0.23	33.19	85.46	11.20	0.006	31.608	4.988	0.34	33.19
1.83	0.23	33.56	85.69	11.26	0.0	31.608	4.988	0.34	33.56
1.84	0.23	33.92	85.92	11.32	0.0	31.608	4.988	0.34	33.92
1.85	0.23	34.28	86.15	11.38	0.0	31.608	4.988	0.34	34.28
1.86	0.23	35.13	86.38	11.44	0.0	31.608	4.988	0.34	35.13
1.87	0.22	35.98	86.60	11.50	0.0	31.608	4.988	0.32	35.98
1.88	0.22	36.82	86.82	11.57	0.0	31.608	4.988	0.32	36.82
1.89	0.21	37.65	87.03	11.63	0.0	31.608	4.988	0.31	37.65
1.90	0.21	38.48	87.24	11.69	0.0	31.608	4.988	0.31	38.48
1.91	0.20	39.13	87.44	11.76	0.0	31.608	4.988	0.29	39.13
1.92	0.19	39.77	87.63	11.82	0.0	31.608	4.988	0.28	39.77
1.93	0.19	40.41	87.82	11.88	0.0	31.608	4.988	0.28	40.41
1.94	0.19	41.04	88.01	11.94	0.0	31.608	4.988	0.28	41.04
1.95	0.18	41.68	88.19	12.00	0.0	31.608	4.988	0.26	41.68
1.96	0.18	42.10	88.37	12.06	0.0	31.608	4.988	0.26	42.10
1.97	0.18	42.52	88.55	12.13	0.0	31.608	4.988	0.26	42.52
1.98	0.18	42.94	88.73	12.19	0.0	31.608	4.988	0.26	42.94
1.99	0.17	43.36	88.90	12.25	0.0	31.608	4.988	0.25	43.36
2.00	0.17	43.77	89.07	12.31	0.0	31.608	4.988	0.25	43.77
2.01	0.17	44.17	89.24	12.37	0.0	31.608	4.988	0.25	44.17
2.02	0.16	44.56	89.40	12.43	0.0	31.608	4.988	0.23	44.56
2.03	0.15	44.95	89.55	12.48	0.0	31.608	4.988	0.22	44.95
2.04	0.15	45.34	89.70	12.54	0.0	31.608	4.988	0.22	45.34
2.05	0.14	45.72	89.84	12.59	0.0	31.608	4.988	0.20	45.72
2.06	0.13	46.18	89.97	12.64	0.0	31.608	4.988	0.19	46.18
2.07	0.13	46.64	90.10	12.69	0.0	31.608	4.988	0.19	46.64
2.08	0.13	47.09	90.23	12.74	0.0	31.608	4.988	0.19	47.09
2.09	0.13	47.55	90.36	12.79	0.0	31.608	4.988	0.19	47.55
2.10	0.13	48.00	90.49	12.84	0.0	31.608	4.988	0.19	48.00
2.11	0.04	48.42	90.53	12.85	0.0	31.608	4.988	0.06	48.42
2.12	0.04	48.85	90.57	12.87	0.0	31.608	4.988	0.06	48.85
2.13	0.04	49.27	90.61	12.88	0.0	31.608	4.988	0.06	49.27
2.14	0.04	49.70	90.65	12.90	0.0	31.608	4.988	0.06	49.70
2.15	0.03	50.12	90.68	12.91	0.0	31.608	4.988	0.04	50.12
2.16	0.03	50.53	90.71	12.93	0.0	31.608	4.988	0.04	50.53
2.17	0.03	50.95	90.74	12.94	0.0	31.608	4.988	0.04	50.95
2.18	0.03	51.36	90.77	12.95	0.0	31.608	4.988	0.04	51.36
2.19	0.03	51.78	90.80	12.96	0.0	31.608	4.988	0.04	51.78
2.20	0.03	52.19	90.83	12.98	0.0	31.608	4.988	0.04	52.19
2.21	0.03	52.56	90.86	12.99	0.0	31.608	4.988	0.04	52.56
2.22	0.03	52.94	90.89	13.00	0.0	31.608	4.988	0.04	52.94
2.23	0.03	53.31	90.92	13.02	0.0	31.608	4.988	0.04	53.31
2.24	0.03	53.68	90.95	13.03	0.0	31.608	4.988	0.04	53.68
2.25	0.03	54.05	90.98	13.04	0.0	31.608	4.988	0.04	54.05
2.26	0.03	54.42	91.01	13.06	0.0	31.608	4.988	0.04	54.42
2.27	0.03	54.79	91.04	13.07	0.0	31.608	4.988	0.04	54.79
2.28	0.03	55.15	91.07	13.08	0.0	31.608	4.988	0.04	55.15
2.29	0.03	55.52	91.10	13.10	0.0	31.608	4.988	0.04	55.52
2.30	0.03	55.88	91.13	13.11	0.0	31.608	4.988	0.04	55.88

2.31	0.45	55.88	91.58	13.32	0.0	31.608	4.988	0.66	55.88
2.32	0.45	55.88	92.03	13.53	0.0	31.608	4.988	0.66	55.88
2.33	0.45	55.89	92.48	13.74	0.0	31.608	4.988	0.66	55.89
2.34	0.45	55.89	92.93	13.94	0.0	31.608	4.988	0.66	55.89
2.35	0.45	55.89	93.38	14.14	0.0	31.608	4.988	0.66	55.89
2.36	0.44	55.89	93.82	14.34	0.0	31.608	4.988	0.64	55.89
2.37	0.44	55.90	94.26	14.53	0.0	31.608	4.988	0.64	55.90
2.38	0.44	55.90	94.70	14.72	0.0	31.608	4.988	0.64	55.90
2.39	0.44	55.90	95.14	14.91	0.0	31.608	4.988	0.64	55.90
2.40	0.44	55.90	95.58	15.10	0.0	31.608	4.988	0.64	55.90
2.41	0.44	55.90	96.02	15.29	0.0	31.608	4.988	0.64	55.90
2.42	0.43	55.91	96.45	15.47	0.0	31.608	4.988	0.63	55.91
2.43	0.43	55.91	96.88	15.65	0.0	31.608	4.988	0.63	55.91
2.44	0.43	55.91	97.31	15.83	0.0	31.608	4.988	0.63	55.91
2.45	0.43	55.91	97.74	16.01	0.0	31.608	4.988	0.63	55.91
2.46	0.15	58.66	97.89	16.07	0.0	31.608	4.988	0.22	58.66
2.47	0.15	61.40	98.04	16.14	0.0	31.608	4.988	0.22	61.40
2.48	0.15	64.12	98.19	16.21	0.0	31.608	4.988	0.22	64.12
2.49	0.15	66.84	98.34	16.29	0.0	31.608	4.988	0.22	66.84
2.50	0.15	69.54	98.49	16.37	0.0	31.608	4.988	0.22	69.54
2.51	0.15	72.23	98.64	16.46	0.0	31.608	4.988	0.22	72.23
2.52	0.15	74.92	98.79	16.55	0.0	31.608	4.988	0.22	74.92
2.53	0.15	77.59	98.94	16.64	0.0	31.608	4.988	0.22	77.59
2.54	0.15	80.25	99.09	16.73	0.0	31.608	4.988	0.22	80.25
2.55	0.14	82.90	99.23	16.83	0.0	31.608	4.988	0.20	82.90
2.56	0.14	85.54	99.37	16.92	0.0	31.608	4.988	0.20	85.54
2.57	0.14	88.17	99.51	17.02	0.0	31.608	4.988	0.20	88.17
2.58	0.14	90.79	99.65	17.13	0.0	31.608	4.988	0.20	90.79
2.59	0.14	93.40	99.79	17.24	0.0	31.608	4.988	0.20	93.40
2.60	0.14	96.00	99.93	17.35	0.011	31.608	4.988	0.20	96.00

		CLEAN COAL ASH %	4.99	REFUSE ASH %	23.06
HEAD ASH %	17.35	CLEAN COAL YIELD%	31.61	REFUSE YIELD%	68.39
THEO. YIELD	40.10	ECART PROB. MOYEN	0.0327		
SG OF SEPARATION	1.452	IMPERFECTION	0.023		
NEAR GRAVITY MAT	56.202				
ORGANIC EFFCY.	78.82				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 2 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 73.40 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.947	0.0	0.010	0.0	0.01
1.24	0.31	0.01	0.31	0.01	98.896	0.307	0.010	0.00	0.01
1.25	0.49	0.01	0.80	0.01	98.794	0.791	0.010	0.01	0.01
1.26	0.67	0.01	1.47	0.01	98.693	1.452	0.010	0.01	0.01
1.27	0.85	0.01	2.32	0.01	98.593	2.290	0.010	0.02	0.01
1.28	1.03	0.01	3.35	0.01	98.494	3.304	0.010	0.02	0.01
1.29	1.21	0.01	4.56	0.01	98.394	4.495	0.010	0.03	0.01
1.30	1.38	0.01	5.94	0.01	98.295	5.851	0.010	0.03	0.01
1.31	1.55	0.01	7.49	0.01	98.194	7.373	0.010	0.04	0.01
1.32	1.09	0.39	8.58	0.06	98.093	8.443	0.058	0.03	0.39
1.33	1.20	1.14	9.78	0.19	97.990	9.619	0.190	0.04	1.14
1.34	1.31	1.89	11.09	0.39	97.318	10.893	0.389	0.05	1.89
1.35	1.42	2.63	12.51	0.65	95.916	12.255	0.638	0.08	2.63
1.36	1.52	3.37	14.03	0.94	93.195	13.672	0.921	0.15	3.37
1.37	1.63	4.10	15.66	1.27	89.492	15.131	1.228	0.25	4.10
1.38	1.73	4.82	17.39	1.62	84.255	16.588	1.543	0.40	4.82
1.39	1.83	5.54	19.22	2.00	77.251	18.002	1.857	0.61	5.54
1.40	1.93	6.26	21.15	2.38	69.629	19.346	2.163	0.85	6.26
1.41	2.67	6.77	23.82	2.88	67.424	21.146	2.555	1.27	6.77
1.42	3.32	7.29	27.14	3.42	59.848	23.133	2.962	1.94	7.29
1.43	3.80	7.79	30.94	3.95	52.273	25.119	3.344	2.64	7.79
1.44	4.08	8.30	35.02	4.46	42.424	26.850	3.663	3.42	8.30
1.45	4.19	8.80	39.21	4.92	34.848	28.310	3.928	3.98	8.80
1.46	4.11	10.01	43.32	5.41	27.273	29.431	4.160	4.35	10.01
1.47	3.85	11.21	47.17	5.88	18.048	30.126	4.322	4.60	11.21
1.48	3.40	12.40	50.57	6.32	12.520	30.552	4.435	4.33	12.40
1.49	2.77	13.58	53.34	6.70	8.687	30.793	4.506	3.69	13.58
1.50	1.95	14.75	55.29	6.98	7.096	30.931	4.552	2.64	14.75
1.51	1.44	15.91	56.73	7.21	5.484	31.010	4.581	1.98	15.91
1.52	1.35	17.06	58.08	7.44	4.434	31.070	4.605	1.88	17.06
1.53	1.27	18.20	59.35	7.67	3.868	31.119	4.627	1.78	18.20
1.54	1.18	19.33	60.53	7.89	3.330	31.158	4.645	1.66	19.33
1.55	1.09	20.46	61.62	8.12	2.845	31.189	4.661	1.54	20.46
1.56	1.00	21.25	62.62	8.33	2.442	31.214	4.674	1.42	21.25
1.57	0.90	22.03	63.52	8.52	2.149	31.233	4.685	1.28	22.03
1.58	0.81	22.81	64.33	8.70	1.991	31.249	4.694	1.16	22.81
1.59	0.72	23.58	65.05	8.86	1.903	31.263	4.702	1.03	23.58
1.60	0.62	24.35	65.67	9.01	1.806	31.274	4.709	0.89	24.35
1.61	0.58	25.18	66.25	9.15	1.708	31.284	4.716	0.83	25.19
1.62	0.59	26.03	66.84	9.30	1.611	31.293	4.722	0.85	26.03
1.63	0.59	26.87	67.43	9.45	1.516	31.302	4.729	0.85	26.87
1.64	0.59	27.70	68.02	9.61	1.420	31.311	4.735	0.85	27.70
1.65	0.58	28.52	68.60	9.77	1.327	31.318	4.741	0.83	28.52
1.66	0.56	29.24	69.16	9.93	1.237	31.325	4.746	0.81	29.24
1.67	0.53	29.96	69.69	10.08	1.149	31.331	4.751	0.76	29.96
1.68	0.49	30.68	70.18	10.23	1.065	31.337	4.755	0.71	30.68
1.69	0.45	31.39	70.63	10.36	0.984	31.341	4.759	0.65	31.39
1.70	0.40	32.09	71.03	10.48	0.920	31.345	4.762	0.58	32.09

1.71	0.37	32.68	71.40	10.60	0.840	31.348	4.765	0.53	32.68
1.72	0.37	33.25	71.77	10.72	0.759	31.351	4.768	0.53	33.25
1.73	0.37	33.83	72.14	10.83	0.678	31.353	4.770	0.54	33.83
1.74	0.36	34.40	72.50	10.95	0.597	31.355	4.772	0.52	34.40
1.75	0.36	34.97	72.86	11.07	0.517	31.357	4.774	0.52	34.97
1.76	0.34	35.45	73.20	11.18	0.438	31.359	4.775	0.49	35.45
1.77	0.33	35.93	73.53	11.29	0.360	31.360	4.776	0.48	35.93
1.78	0.31	36.40	73.84	11.40	0.284	31.361	4.777	0.45	36.40
1.79	0.29	36.88	74.13	11.50	0.211	31.361	4.778	0.42	36.88
1.80	0.27	37.35	74.40	11.59	0.140	31.362	4.778	0.39	37.35
1.81	0.25	37.74	74.65	11.68	0.071	31.362	4.778	0.36	37.74
1.82	0.25	38.13	74.90	11.77	0.006	31.362	4.778	0.36	38.13
1.83	0.25	38.52	75.15	11.86	0.0	31.362	4.778	0.36	38.52
1.84	0.25	38.91	75.40	11.95	0.0	31.362	4.778	0.36	38.91
1.85	0.24	39.29	75.64	12.03	0.0	31.362	4.778	0.35	39.29
1.86	0.24	39.70	75.88	12.12	0.0	31.362	4.778	0.35	39.70
1.87	0.24	40.11	76.12	12.21	0.0	31.362	4.778	0.35	40.11
1.88	0.23	40.52	76.35	12.30	0.0	31.362	4.778	0.34	40.52
1.89	0.23	40.92	76.58	12.38	0.0	31.362	4.778	0.34	40.92
1.90	0.23	41.32	76.81	12.47	0.0	31.362	4.778	0.34	41.32
1.91	0.22	41.61	77.03	12.55	0.0	31.362	4.778	0.32	41.61
1.92	0.21	41.89	77.24	12.63	0.0	31.362	4.778	0.31	41.89
1.93	0.21	42.17	77.45	12.71	0.0	31.362	4.778	0.31	42.17
1.94	0.20	42.45	77.65	12.79	0.0	31.362	4.778	0.29	42.45
1.95	0.20	42.73	77.85	12.86	0.0	31.362	4.778	0.29	42.73
1.96	0.20	43.26	78.05	12.94	0.0	31.362	4.778	0.29	43.26
1.97	0.20	43.78	78.25	13.02	0.0	31.362	4.778	0.29	43.78
1.98	0.21	44.31	78.46	13.10	0.0	31.362	4.778	0.31	44.31
1.99	0.21	44.83	78.67	13.19	0.0	31.362	4.778	0.31	44.83
2.00	0.22	45.35	78.89	13.28	0.0	31.362	4.778	0.32	45.35
2.01	0.25	45.70	79.14	13.38	0.0	31.362	4.778	0.36	45.70
2.02	0.29	46.05	79.43	13.50	0.0	31.362	4.778	0.42	46.05
2.03	0.33	46.40	79.76	13.64	0.0	31.362	4.778	0.48	46.40
2.04	0.35	46.74	80.11	13.78	0.0	31.362	4.778	0.51	46.74
2.05	0.36	47.09	80.47	13.93	0.0	31.362	4.778	0.52	47.09
2.06	0.36	47.69	80.83	14.08	0.0	31.362	4.778	0.52	47.69
2.07	0.34	48.30	81.17	14.22	0.0	31.362	4.778	0.50	48.30
2.08	0.31	48.90	81.48	14.36	0.0	31.362	4.778	0.45	48.90
2.09	0.27	49.50	81.75	14.47	0.0	31.362	4.778	0.39	49.50
2.10	0.22	50.09	81.97	14.57	0.0	31.362	4.778	0.32	50.09
2.11	0.06	50.69	82.03	14.59	0.0	31.362	4.778	0.09	50.69
2.12	0.04	51.28	82.07	14.61	0.0	31.362	4.778	0.06	51.28
2.13	0.03	51.87	82.10	14.63	0.0	31.362	4.778	0.04	51.87
2.14	0.02	52.45	82.12	14.63	0.0	31.362	4.778	0.03	52.45
2.15	0.01	53.03	82.13	14.64	0.0	31.362	4.778	0.01	53.03
2.16	0.05	53.03	82.18	14.66	0.0	31.362	4.778	0.07	53.03
2.17	0.06	53.03	82.24	14.69	0.0	31.362	4.778	0.09	53.03
2.18	0.08	53.03	82.32	14.73	0.0	31.362	4.778	0.12	53.03
2.19	0.13	53.03	82.45	14.79	0.0	31.362	4.778	0.19	53.03
2.20	0.20	53.03	82.65	14.88	0.0	31.362	4.778	0.29	53.03
2.21	0.22	53.03	82.87	14.98	0.0	31.362	4.778	0.32	53.03
2.22	0.24	53.03	83.11	15.09	0.0	31.362	4.778	0.35	53.03
2.23	0.26	53.03	83.37	15.21	0.0	31.362	4.778	0.38	53.03
2.24	0.29	53.03	83.66	15.34	0.0	31.362	4.778	0.42	53.03
2.25	0.31	53.04	83.97	15.48	0.0	31.362	4.778	0.45	53.04
2.26	0.08	53.50	84.05	15.52	0.0	31.362	4.778	0.12	53.50
2.27	0.08	53.97	84.13	15.55	0.0	31.362	4.778	0.12	53.97
2.28	0.09	54.43	84.22	15.60	0.0	31.362	4.778	0.13	54.43
2.29	0.10	54.89	84.32	15.64	0.0	31.362	4.778	0.15	54.89
2.30	0.10	55.35	84.42	15.69	0.0	31.362	4.778	0.15	55.35

2.31	0.55	55.68	84.97	15.95	0.0	31.362	4.778	0.80	55.68
2.32	0.55	56.00	85.52	16.21	0.0	31.362	4.778	0.80	56.00
2.33	0.55	56.32	86.07	16.46	0.0	31.362	4.778	0.80	56.32
2.34	0.54	56.64	86.61	16.71	0.0	31.362	4.778	0.79	56.64
2.35	0.54	56.96	87.15	16.96	0.0	31.362	4.778	0.79	56.96
2.36	0.54	57.28	87.69	17.21	0.0	31.362	4.778	0.79	57.28
2.37	0.54	57.59	88.23	17.46	0.0	31.362	4.778	0.79	57.59
2.38	0.53	57.91	88.76	17.70	0.0	31.362	4.778	0.77	57.91
2.39	0.53	58.22	89.29	17.94	0.0	31.362	4.778	0.77	58.22
2.40	0.53	58.53	89.82	18.18	0.0	31.362	4.778	0.77	58.53
2.41	0.53	58.84	90.35	18.42	0.0	31.362	4.778	0.77	58.84
2.42	0.53	59.15	90.88	18.65	0.0	31.362	4.778	0.77	59.15
2.43	0.52	59.46	91.40	18.89	0.0	31.362	4.778	0.76	59.46
2.44	0.52	59.77	91.92	19.12	0.0	31.362	4.778	0.76	59.77
2.45	0.52	60.07	92.44	19.35	0.0	31.362	4.778	0.76	60.07
2.46	0.52	62.53	92.96	19.59	0.0	31.362	4.778	0.76	62.53
2.47	0.52	64.99	93.48	19.84	0.0	31.362	4.778	0.76	64.99
2.48	0.51	67.43	93.99	20.10	0.0	31.362	4.778	0.74	67.43
2.49	0.51	69.86	94.50	20.37	0.0	31.362	4.778	0.74	69.86
2.50	0.51	72.29	95.01	20.65	0.0	31.362	4.778	0.74	72.29
2.51	0.51	74.70	95.52	20.94	0.0	31.362	4.778	0.74	74.70
2.52	0.50	77.10	96.02	21.23	0.0	31.362	4.778	0.73	77.10
2.53	0.50	79.50	96.52	21.53	0.0	31.362	4.778	0.73	79.50
2.54	0.50	81.88	97.02	21.84	0.0	31.362	4.778	0.73	81.88
2.55	0.50	84.26	97.52	22.16	0.0	31.362	4.778	0.73	84.26
2.56	0.50	86.63	98.02	22.49	0.0	31.362	4.778	0.73	86.63
2.57	0.50	88.98	98.52	22.83	0.0	31.362	4.778	0.73	88.98
2.58	0.49	91.33	99.01	23.17	0.0	31.362	4.778	0.71	91.33
2.59	0.49	93.67	99.50	23.51	0.0	31.362	4.778	0.71	93.67
2.60	0.49	96.00	99.99	23.87	0.011	31.362	4.779	0.71	96.00

		CLEAN COAL ASH %	4.78	REFUSE ASH %	32.59
HEAD ASH %	23.87	CLEAN COAL YIELD%	31.36	REFUSE YIELD%	68.64
THEO. YIELD	37.90	ECART PROB. MOYEN	0.0327		
SG OF SEPARATION	1.447	IMPERFECTION	0.023		
NEAR GRAVITY MAT	49.213				
ORGANIC EFFCY.	82.75				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 5 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 71.79 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.947	0.0	0.010	0.0	0.01
1.24	1.01	0.30	1.01	0.30	98.896	0.999	0.300	0.02	0.30
1.25	1.00	0.59	2.01	0.44	98.794	1.987	0.444	0.02	0.59
1.26	0.99	0.87	3.00	0.58	98.693	2.964	0.585	0.02	0.87
1.27	0.98	1.16	3.98	0.73	98.593	3.930	0.726	0.02	1.16
1.28	0.98	1.44	4.96	0.87	98.494	4.895	0.867	0.02	1.44
1.29	0.97	1.72	5.93	1.01	98.394	5.850	1.006	0.02	1.72
1.30	0.96	1.99	6.89	1.14	98.295	6.793	1.143	0.02	1.99
1.31	0.95	2.27	7.84	1.28	98.194	7.726	1.279	0.02	2.27
1.32	0.95	2.53	8.79	1.42	98.093	8.658	1.413	0.03	2.53
1.33	0.94	2.80	9.73	1.55	97.990	9.579	1.547	0.03	2.80
1.34	0.93	3.06	10.66	1.68	97.318	10.484	1.677	0.04	3.06
1.35	0.93	3.31	11.59	1.81	95.916	11.376	1.805	0.05	3.31
1.36	0.92	3.57	12.51	1.94	93.195	12.234	1.929	0.09	3.57
1.37	0.91	3.82	13.42	2.07	89.492	13.048	2.047	0.13	3.82
1.38	0.91	4.07	14.33	2.20	84.255	13.815	2.159	0.20	4.07
1.39	0.90	4.32	15.23	2.32	77.251	14.510	2.263	0.29	4.32
1.40	0.89	4.57	16.12	2.45	69.629	15.130	2.357	0.38	4.57
1.41	3.10	4.91	19.22	2.84	67.424	17.220	2.667	1.42	4.91
1.42	3.66	5.25	22.88	3.23	59.848	19.410	2.959	2.06	5.25
1.43	4.07	5.58	26.95	3.58	52.273	21.538	3.218	2.73	5.58
1.44	4.34	5.92	31.29	3.91	42.424	23.379	3.430	3.51	5.92
1.45	4.47	6.25	35.76	4.20	34.848	24.937	3.607	4.09	6.25
1.46	4.45	7.55	40.21	4.57	27.273	26.150	3.790	4.54	7.55
1.47	4.30	8.85	44.51	4.98	18.048	26.926	3.935	4.95	8.85
1.48	4.00	10.14	48.51	5.41	12.520	27.427	4.049	4.91	10.14
1.49	3.56	11.42	52.07	5.82	8.687	27.736	4.131	4.56	11.42
1.50	2.98	12.69	55.05	6.19	7.096	27.948	4.196	3.89	12.69
1.51	2.63	13.77	57.68	6.54	5.484	28.092	4.245	3.49	13.77
1.52	2.59	14.84	60.27	6.89	4.434	28.207	4.288	3.47	14.84
1.53	2.52	15.90	62.79	7.26	3.868	28.304	4.328	3.40	15.90
1.54	2.42	16.96	65.21	7.62	3.330	28.385	4.364	3.28	16.96
1.55	2.30	18.01	67.51	7.97	2.845	28.451	4.395	3.14	18.01
1.56	2.14	18.98	69.65	8.31	2.442	28.503	4.422	2.93	18.98
1.57	1.95	19.95	71.60	8.63	2.149	28.545	4.445	2.68	19.95
1.58	1.74	20.91	73.34	8.92	1.991	28.579	4.465	2.39	20.91
1.59	1.49	21.86	74.83	9.17	1.903	28.608	4.482	2.05	21.86
1.60	1.22	22.81	76.05	9.39	1.806	28.630	4.496	1.68	22.81
1.61	1.06	23.94	77.11	9.59	1.708	28.648	4.508	1.46	23.94
1.62	1.03	25.07	78.14	9.80	1.611	28.664	4.520	1.42	25.07
1.63	1.00	26.19	79.14	10.00	1.515	28.680	4.532	1.38	26.19
1.64	0.95	27.30	80.09	10.21	1.420	28.693	4.542	1.31	27.30
1.65	0.89	28.41	80.98	10.41	1.327	28.705	4.552	1.23	28.41
1.66	0.82	29.09	81.80	10.60	1.237	28.715	4.561	1.14	29.09
1.67	0.74	29.76	82.54	10.77	1.149	28.724	4.568	1.03	29.76
1.68	0.66	30.42	83.20	10.92	1.065	28.731	4.575	0.92	30.42
1.69	0.56	31.09	83.76	11.06	0.984	28.736	4.580	0.78	31.09
1.70	0.45	31.74	84.21	11.17	0.920	28.740	4.584	0.63	31.74

1.71	0.40	32.35	84.61	11.27	0.840	28.744	4.587	0.56	32.35
1.72	0.40	32.95	85.01	11.37	0.759	28.747	4.590	0.56	32.95
1.73	0.39	33.55	85.40	11.47	0.678	28.749	4.593	0.54	33.55
1.74	0.39	34.14	85.79	11.58	0.597	28.752	4.595	0.54	34.14
1.75	0.38	34.73	86.17	11.68	0.517	28.754	4.597	0.53	34.73
1.76	0.37	35.43	86.54	11.78	0.438	28.755	4.599	0.52	35.43
1.77	0.35	36.12	86.89	11.88	0.360	28.756	4.600	0.49	36.12
1.78	0.34	36.80	87.23	11.98	0.284	28.757	4.601	0.48	36.80
1.79	0.32	37.49	87.55	12.07	0.211	28.758	4.602	0.45	37.49
1.80	0.30	38.17	87.85	12.16	0.140	28.758	4.602	0.42	38.17
1.81	0.29	38.82	88.14	12.25	0.071	28.759	4.603	0.41	38.82
1.82	0.29	39.47	88.43	12.33	0.006	28.759	4.603	0.41	39.47
1.83	0.29	40.11	88.72	12.43	0.0	28.759	4.603	0.41	40.11
1.84	0.29	40.75	89.01	12.52	0.0	28.759	4.603	0.41	40.75
1.85	0.28	41.39	89.29	12.61	0.0	28.759	4.603	0.39	41.39
1.86	0.27	41.74	89.56	12.70	0.0	28.759	4.603	0.38	41.74
1.87	0.26	42.08	89.82	12.78	0.0	28.759	4.603	0.36	42.08
1.88	0.24	42.42	90.06	12.86	0.0	28.759	4.603	0.34	42.42
1.89	0.22	42.77	90.28	12.93	0.0	28.759	4.603	0.31	42.77
1.90	0.20	43.11	90.48	13.00	0.0	28.759	4.603	0.28	43.11
1.91	0.22	43.11	90.70	13.07	0.0	28.759	4.603	0.31	43.11
1.92	0.18	43.11	90.88	13.13	0.0	28.759	4.603	0.25	43.11
1.93	0.15	43.11	91.03	13.18	0.0	28.759	4.603	0.21	43.11
1.94	0.13	43.11	91.16	13.22	0.0	28.759	4.603	0.18	43.11
1.95	0.12	43.11	91.28	13.26	0.0	28.759	4.603	0.17	43.11
1.96	0.06	44.90	91.34	13.28	0.0	28.759	4.603	0.08	44.90
1.97	0.06	46.68	91.40	13.31	0.0	28.759	4.603	0.08	46.68
1.98	0.07	48.46	91.47	13.33	0.0	28.759	4.603	0.10	48.46
1.99	0.08	50.22	91.55	13.37	0.0	28.759	4.603	0.11	50.22
2.00	0.10	51.97	91.65	13.41	0.0	28.759	4.603	0.14	51.97
2.01	0.03	53.22	91.68	13.42	0.0	28.759	4.603	0.04	53.22
2.02	0.04	54.46	91.72	13.44	0.0	28.759	4.603	0.06	54.46
2.03	0.05	55.69	91.77	13.46	0.0	28.759	4.603	0.07	55.69
2.04	0.05	56.92	91.82	13.49	0.0	28.759	4.603	0.07	56.92
2.05	0.05	58.14	91.87	13.51	0.0	28.759	4.603	0.07	58.14
2.06	0.50	58.14	92.37	13.75	0.0	28.759	4.603	0.70	58.14
2.07	0.46	58.14	92.83	13.97	0.0	28.759	4.603	0.65	58.14
2.08	0.39	58.14	93.22	14.16	0.0	28.759	4.603	0.55	58.14
2.09	0.30	58.14	93.52	14.30	0.0	28.759	4.603	0.42	58.14
2.10	0.19	58.15	93.71	14.39	0.0	28.759	4.603	0.27	58.15
2.11	0.05	58.17	93.76	14.41	0.0	28.759	4.603	0.07	58.17
2.12	0.05	58.20	93.81	14.43	0.0	28.759	4.603	0.07	58.20
2.13	0.04	58.22	93.85	14.45	0.0	28.759	4.603	0.06	58.22
2.14	0.03	58.25	93.88	14.47	0.0	28.759	4.603	0.04	58.25
2.15	0.03	58.27	93.91	14.48	0.0	28.759	4.603	0.04	58.27
2.16	0.03	58.35	93.94	14.49	0.0	28.759	4.603	0.04	58.35
2.17	0.03	58.42	93.97	14.51	0.0	28.759	4.603	0.04	58.42
2.18	0.03	58.49	94.00	14.52	0.0	28.759	4.603	0.04	58.49
2.19	0.03	58.57	94.03	14.54	0.0	28.759	4.603	0.04	58.57
2.20	0.04	58.64	94.07	14.55	0.0	28.759	4.603	0.06	58.64
2.21	0.06	58.64	94.13	14.58	0.0	28.759	4.603	0.08	58.64
2.22	0.06	58.64	94.19	14.61	0.0	28.759	4.603	0.08	58.64
2.23	0.06	58.64	94.25	14.64	0.0	28.759	4.603	0.08	58.64
2.24	0.07	58.64	94.32	14.67	0.0	28.759	4.603	0.10	58.64
2.25	0.07	58.64	94.39	14.70	0.0	28.759	4.603	0.10	58.64
2.26	0.03	58.98	94.42	14.72	0.0	28.759	4.603	0.04	58.98
2.27	0.04	59.32	94.46	14.74	0.0	28.759	4.603	0.06	59.32
2.28	0.04	59.65	94.50	14.76	0.0	28.759	4.603	0.06	59.65
2.29	0.04	59.98	94.54	14.77	0.0	28.759	4.603	0.06	59.98
2.30	0.04	60.32	94.58	14.79	0.0	28.759	4.603	0.06	60.32

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2.31	0.19	60.64	94.77	14.89	0.0	28.759	4.603	0.27	60.64
2.32	0.19	60.97	94.96	14.98	0.0	28.759	4.603	0.27	60.97
2.33	0.19	61.29	95.15	15.07	0.0	28.759	4.603	0.27	61.29
2.34	0.19	61.61	95.34	15.16	0.0	28.759	4.603	0.27	61.61
2.35	0.19	61.93	95.53	15.26	0.0	28.759	4.603	0.27	61.93
2.36	0.19	62.25	95.72	15.35	0.0	28.759	4.603	0.27	62.25
2.37	0.19	62.57	95.91	15.44	0.0	28.759	4.603	0.27	62.57
2.38	0.19	62.88	96.10	15.54	0.0	28.759	4.603	0.27	62.88
2.39	0.19	63.20	96.29	15.63	0.0	28.759	4.603	0.27	63.20
2.40	0.18	63.51	96.47	15.72	0.0	28.759	4.603	0.25	63.51
2.41	0.18	63.82	96.65	15.81	0.0	28.759	4.603	0.25	63.82
2.42	0.18	64.13	96.83	15.90	0.0	28.759	4.603	0.25	64.13
2.43	0.18	64.44	97.01	15.99	0.0	28.759	4.603	0.25	64.44
2.44	0.18	64.75	97.19	16.08	0.0	28.759	4.603	0.25	64.75
2.45	0.18	65.05	97.37	16.17	0.0	28.759	4.603	0.25	65.05
2.46	0.18	67.18	97.55	16.26	0.0	28.759	4.603	0.25	67.18
2.47	0.18	69.29	97.73	16.36	0.0	28.759	4.603	0.25	69.29
2.48	0.18	71.39	97.91	16.46	0.0	28.759	4.603	0.25	71.39
2.49	0.18	73.49	98.09	16.57	0.0	28.759	4.603	0.25	73.49
2.50	0.18	75.58	98.27	16.68	0.0	28.759	4.603	0.25	75.58
2.51	0.18	77.65	98.45	16.79	0.0	28.759	4.603	0.25	77.65
2.52	0.18	79.72	98.63	16.90	0.0	28.759	4.603	0.25	79.72
2.53	0.17	81.79	98.80	17.01	0.0	28.759	4.603	0.24	81.79
2.54	0.17	83.84	98.97	17.13	0.0	28.759	4.603	0.24	83.84
2.55	0.17	85.89	99.14	17.25	0.0	28.759	4.603	0.24	85.89
2.56	0.17	87.93	99.31	17.37	0.0	28.759	4.603	0.24	87.93
2.57	0.17	89.96	99.48	17.49	0.0	28.759	4.603	0.24	89.96
2.58	0.17	91.98	99.65	17.62	0.0	28.759	4.603	0.24	91.98
2.59	0.17	93.99	99.82	17.75	0.0	28.759	4.603	0.24	93.99
2.60	0.17	96.00	99.99	17.88	0.011	28.759	4.603	0.24	96.00

HEAD ASH %	17.88	CLEAN COAL ASH %	4.60	REFUSE ASH %	23.24
THEO. YIELD	40.54	CLEAN COAL YIELD%	28.76	REFUSE YIELD%	71.24
SQ OF SEPARATION	1.461	ECART PROB. MOYEN	0.0327		
NEAR GRAVITY MAT	97.221	IMPERFECTION	0.023		
ORGANIC EFFCY.	70.93				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 46 WID: WA1 EQUIPE HMC SG-ASH 5.00 EP 0.075 SG 1.47

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 21.52 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.018	0.0	0.010	0.0	0.01
1.24	1.19	0.26	1.19	0.26	97.973	1.166	0.260	0.05	0.26
1.25	1.18	0.51	2.37	0.38	97.833	2.320	0.384	0.05	0.51
1.26	1.17	0.76	3.54	0.51	97.459	3.461	0.508	0.06	0.76
1.27	1.16	1.01	4.70	0.63	96.934	4.585	0.631	0.07	1.01
1.28	1.15	1.25	5.85	0.75	96.313	5.693	0.752	0.08	1.25
1.29	1.15	1.49	7.00	0.87	95.650	6.793	0.871	0.10	1.49
1.30	1.14	1.74	8.14	1.00	95.000	7.876	0.991	0.11	1.74
1.31	1.13	1.97	9.27	1.11	94.360	8.942	1.107	0.12	1.97
1.32	1.12	2.24	10.39	1.24	93.583	9.990	1.226	0.14	2.24
1.33	1.11	2.53	11.50	1.36	92.510	11.017	1.348	0.16	2.53
1.34	1.10	2.81	12.60	1.49	90.984	12.018	1.470	0.19	2.81
1.35	1.09	3.09	13.69	1.61	87.675	12.973	1.589	0.26	3.09
1.36	1.09	3.38	14.78	1.75	85.012	13.900	1.708	0.32	3.38
1.37	1.08	3.66	15.86	1.88	82.078	14.786	1.825	0.37	3.66
1.38	1.07	3.93	16.93	2.01	78.940	15.631	1.939	0.44	3.93
1.39	1.06	4.21	17.99	2.14	75.665	16.433	2.050	0.50	4.21
1.40	1.06	4.48	19.05	2.27	71.667	17.193	2.157	0.58	4.48
1.41	3.70	4.53	22.75	2.63	68.333	19.721	2.461	2.27	4.53
1.42	4.60	4.58	27.35	2.96	65.000	22.711	2.740	3.12	4.58
1.43	5.25	4.63	32.60	3.23	61.667	25.949	2.976	3.90	4.63
1.44	5.67	4.68	38.27	3.44	58.333	29.256	3.169	4.57	4.68
1.45	5.84	4.73	44.11	3.61	55.000	32.468	3.323	5.09	4.73
1.46	5.78	5.66	49.89	3.85	51.667	35.454	3.520	5.41	5.66
1.47	5.48	6.59	55.37	4.12	48.333	38.103	3.733	5.48	6.59
1.48	4.94	7.52	60.31	4.40	46.667	40.408	3.949	5.10	7.52
1.49	4.16	8.44	64.47	4.66	43.333	42.211	4.141	4.56	8.44
1.50	3.15	9.35	67.62	4.88	40.000	43.471	4.292	3.66	9.35
1.51	2.52	10.43	70.14	5.08	36.667	44.395	4.420	3.09	10.43
1.52	2.41	11.50	72.55	5.29	33.333	45.198	4.546	3.11	11.50
1.53	2.29	12.56	74.84	5.52	30.000	45.885	4.666	3.10	12.56
1.54	2.15	13.62	76.99	5.74	26.667	46.459	4.776	3.05	13.62
1.55	1.98	14.67	78.97	5.97	21.793	46.890	4.867	3.00	14.67
1.56	1.80	15.18	80.77	6.17	18.848	47.230	4.941	2.83	15.18
1.57	1.59	15.69	82.36	6.35	16.182	47.487	5.000	2.58	15.69
1.58	1.36	16.20	83.72	6.51	13.808	47.675	5.044	2.27	16.20
1.59	1.12	16.71	84.84	6.65	11.742	47.806	5.076	1.91	16.71
1.60	0.85	17.21	85.69	6.75	10.000	47.891	5.097	1.48	17.21
1.61	0.72	17.93	86.41	6.85	8.566	47.953	5.114	1.27	17.93
1.62	0.72	18.64	87.13	6.94	7.399	48.006	5.129	1.29	18.64
1.63	0.71	19.35	87.84	7.04	6.479	48.052	5.143	1.29	19.35
1.64	0.68	20.06	88.52	7.14	5.783	48.091	5.155	1.24	20.06
1.65	0.65	20.76	89.17	7.24	5.289	48.126	5.166	1.19	20.76
1.66	0.60	21.38	89.77	7.34	4.976	48.156	5.176	1.10	21.38
1.67	0.55	21.99	90.32	7.43	4.752	48.182	5.185	1.01	21.99
1.68	0.48	22.61	90.80	7.51	4.601	48.203	5.193	0.89	22.61
1.69	0.40	23.22	91.20	7.58	4.250	48.220	5.199	0.74	23.22
1.70	0.30	23.82	91.50	7.63	4.001	48.232	5.204	0.56	23.82

1.71	0.26	24.51	91.76	7.68	3.756	48.242	5.208	0.48	24.51
1.72	0.26	25.19	92.02	7.73	3.517	48.251	5.212	0.49	25.19
1.73	0.27	25.86	92.29	7.78	3.287	48.260	5.215	0.51	25.86
1.74	0.26	26.54	92.55	7.83	3.068	48.268	5.219	0.49	26.54
1.75	0.25	27.21	92.80	7.89	2.862	48.275	5.222	0.47	27.21
1.76	0.23	27.73	93.03	7.93	2.672	48.281	5.225	0.43	27.73
1.77	0.21	28.25	93.24	7.98	2.500	48.287	5.228	0.40	28.25
1.78	0.18	28.76	93.42	8.02	2.348	48.291	5.230	0.34	28.76
1.79	0.15	29.27	93.57	8.05	2.219	48.294	5.231	0.28	29.27
1.80	0.11	29.78	93.68	8.08	2.114	48.297	5.232	0.21	29.78
1.81	0.08	30.22	93.76	8.10	2.037	48.298	5.233	0.15	30.22
1.82	0.08	30.65	93.84	8.12	1.989	48.300	5.234	0.15	30.65
1.83	0.08	31.08	93.92	8.14	1.958	48.301	5.235	0.15	31.08
1.84	0.08	31.51	94.00	8.16	1.915	48.303	5.236	0.15	31.51
1.85	0.08	31.94	94.08	8.18	1.873	48.304	5.237	0.15	31.94
1.86	0.08	32.36	94.16	8.20	1.830	48.306	5.237	0.15	32.36
1.87	0.08	32.79	94.24	8.22	1.788	48.307	5.238	0.15	32.79
1.88	0.08	33.21	94.32	8.24	1.745	48.309	5.239	0.15	33.21
1.89	0.08	33.63	94.40	8.26	1.703	48.310	5.240	0.15	33.63
1.90	0.08	34.04	94.48	8.28	1.660	48.311	5.241	0.15	34.04
1.91	0.08	34.45	94.56	8.31	1.618	48.313	5.241	0.15	34.45
1.92	0.08	34.87	94.64	8.33	1.576	48.314	5.242	0.15	34.87
1.93	0.08	35.27	94.72	8.35	1.534	48.315	5.243	0.15	35.27
1.94	0.08	35.68	94.80	8.37	1.492	48.316	5.244	0.15	35.68
1.95	0.08	36.09	94.88	8.40	1.450	48.317	5.244	0.15	36.09
1.96	0.08	36.78	94.96	8.42	1.409	48.319	5.245	0.15	36.78
1.97	0.08	37.47	95.04	8.45	1.368	48.320	5.246	0.15	37.47
1.98	0.08	38.15	95.12	8.47	1.328	48.321	5.247	0.15	38.15
1.99	0.08	38.83	95.20	8.50	1.288	48.322	5.247	0.15	38.83
2.00	0.08	39.51	95.28	8.52	1.249	48.323	5.248	0.15	39.51
2.01	0.08	40.19	95.36	8.55	1.210	48.324	5.249	0.15	40.19
2.02	0.08	40.86	95.44	8.58	1.171	48.325	5.250	0.15	40.86
2.03	0.08	41.53	95.52	8.60	1.134	48.326	5.250	0.15	41.53
2.04	0.08	42.19	95.60	8.63	1.097	48.326	5.251	0.15	42.19
2.05	0.08	42.85	95.68	8.66	1.060	48.327	5.252	0.15	42.85
2.06	0.08	43.51	95.76	8.69	1.025	48.328	5.252	0.15	43.51
2.07	0.08	44.17	95.84	8.72	0.990	48.329	5.253	0.15	44.17
2.08	0.08	44.82	95.92	8.75	0.965	48.330	5.253	0.15	44.82
2.09	0.08	45.47	96.00	8.78	0.930	48.330	5.254	0.15	45.47
2.10	0.08	46.12	96.08	8.81	0.895	48.331	5.255	0.15	46.12
2.11	0.09	46.61	96.17	8.85	0.860	48.332	5.255	0.17	46.61
2.12	0.09	47.10	96.26	8.88	0.824	48.333	5.256	0.17	47.10
2.13	0.09	47.59	96.35	8.92	0.789	48.333	5.257	0.17	47.59
2.14	0.08	48.07	96.43	8.95	0.753	48.334	5.257	0.15	48.07
2.15	0.08	48.56	96.51	8.98	0.718	48.335	5.258	0.15	48.56
2.16	0.08	49.04	96.59	9.02	0.682	48.335	5.258	0.15	49.04
2.17	0.08	49.52	96.67	9.05	0.647	48.336	5.259	0.15	49.52
2.18	0.08	50.00	96.75	9.08	0.612	48.336	5.259	0.15	50.00
2.19	0.08	50.47	96.83	9.12	0.576	48.337	5.260	0.15	50.47
2.20	0.08	50.94	96.91	9.15	0.541	48.337	5.260	0.15	50.94
2.21	0.08	51.42	96.99	9.19	0.506	48.337	5.260	0.15	51.42
2.22	0.08	51.88	97.07	9.22	0.472	48.338	5.261	0.15	51.88
2.23	0.08	52.35	97.15	9.26	0.437	48.338	5.261	0.15	52.35
2.24	0.08	52.81	97.23	9.29	0.403	48.338	5.261	0.15	52.81
2.25	0.08	53.28	97.31	9.33	0.369	48.339	5.262	0.15	53.28
2.26	0.08	53.74	97.39	9.37	0.336	48.339	5.262	0.15	53.74
2.27	0.08	54.20	97.47	9.40	0.303	48.339	5.262	0.15	54.20
2.28	0.08	54.65	97.55	9.44	0.270	48.340	5.262	0.15	54.65
2.29	0.08	55.11	97.63	9.48	0.237	48.340	5.263	0.15	55.11
2.30	0.08	55.56	97.71	9.52	0.205	48.340	5.263	0.15	55.56

2.31	0.08	56.01	97.79	9.55	0.174	48.340	5.263	0.15	56.01
2.32	0.08	56.46	97.87	9.59	0.143	48.340	5.263	0.15	56.46
2.33	0.08	56.90	97.95	9.63	0.113	48.340	5.263	0.15	56.90
2.34	0.08	57.35	98.03	9.67	0.083	48.340	5.263	0.15	57.35
2.35	0.08	57.79	98.11	9.71	0.054	48.340	5.263	0.15	57.79
2.36	0.08	59.40	98.19	9.75	0.025	48.340	5.263	0.15	59.40
2.37	0.08	60.99	98.27	9.79	0.0	48.340	5.263	0.15	60.99
2.38	0.08	62.59	98.35	9.83	0.0	48.340	5.263	0.15	62.59
2.39	0.08	64.17	98.43	9.88	0.0	48.340	5.263	0.15	64.17
2.40	0.08	65.75	98.51	9.92	0.0	48.340	5.263	0.15	65.75
2.41	0.08	67.32	98.59	9.97	0.0	48.340	5.263	0.15	67.32
2.42	0.08	68.88	98.67	10.02	0.0	48.340	5.263	0.15	68.88
2.43	0.07	70.44	98.74	10.06	0.0	48.340	5.263	0.14	70.44
2.44	0.07	72.00	98.81	10.10	0.0	48.340	5.263	0.14	72.00
2.45	0.07	73.54	98.88	10.15	0.0	48.340	5.263	0.14	73.54
2.46	0.07	75.08	98.95	10.20	0.0	48.340	5.263	0.14	75.08
2.47	0.07	76.61	99.02	10.24	0.0	48.340	5.263	0.14	76.61
2.48	0.07	78.14	99.09	10.29	0.0	48.340	5.263	0.14	78.14
2.49	0.07	79.66	99.16	10.34	0.0	48.340	5.263	0.14	79.66
2.50	0.07	81.18	99.23	10.39	0.0	48.340	5.263	0.14	81.18
2.51	0.07	82.69	99.30	10.44	0.0	48.340	5.263	0.14	82.69
2.52	0.07	84.19	99.37	10.49	0.0	48.340	5.263	0.14	84.19
2.53	0.07	85.68	99.44	10.54	0.0	48.340	5.263	0.14	85.68
2.54	0.07	87.18	99.51	10.60	0.0	48.340	5.263	0.14	87.18
2.55	0.07	88.66	99.58	10.65	0.0	48.340	5.263	0.14	88.66
2.56	0.07	90.14	99.65	10.71	0.0	48.340	5.263	0.14	90.14
2.57	0.07	91.61	99.72	10.77	0.0	48.340	5.263	0.14	91.61
2.58	0.07	93.08	99.79	10.82	0.0	48.340	5.263	0.14	93.08
2.59	0.07	94.54	99.86	10.88	0.0	48.340	5.263	0.14	94.54
2.60	0.07	96.00	99.93	10.94	0.0	48.340	5.263	0.14	96.00

		CLEAN COAL ASH %	5.26	REFUSE ASH %	16.26
HEAD ASH %	10.94	CLEAN COAL YIELD%	48.34	REFUSE YIELD%	51.66
THEO. YIELD	72.22	ECART PROB. MOYEN	0.0747		
SG OF SEPARATION	1.619	IMPERFECTION	0.051		
NEAR GRAVITY MAT	60.318				
ORGANIC EFFCY.	66.94				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 2 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.23 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.018	0.0	0.010	0.0	0.01
1.24	3.31	0.16	3.31	0.16	97.973	3.243	0.160	0.14	0.16
1.25	3.28	0.30	6.59	0.23	97.833	6.452	0.230	0.15	0.30
1.26	3.24	0.44	9.83	0.30	97.459	9.609	0.299	0.18	0.44
1.27	3.20	0.59	13.03	0.37	96.934	12.711	0.370	0.21	0.59
1.28	3.14	0.73	16.17	0.44	96.313	15.736	0.439	0.25	0.73
1.29	3.08	0.87	19.25	0.51	95.650	18.682	0.507	0.29	0.87
1.30	3.00	1.01	22.25	0.58	95.000	21.532	0.574	0.32	1.01
1.31	2.91	1.14	25.16	0.64	94.360	24.277	0.638	0.35	1.14
1.32	2.82	1.50	27.98	0.73	93.583	26.917	0.722	0.39	1.50
1.33	2.71	2.06	30.69	0.85	92.510	29.424	0.836	0.43	2.06
1.34	2.60	2.62	33.29	0.98	90.984	31.789	0.969	0.50	2.62
1.35	2.47	3.17	35.76	1.14	87.675	33.955	1.109	0.65	3.17
1.36	2.33	3.72	38.09	1.29	85.012	35.935	1.253	0.75	3.72
1.37	2.19	4.27	40.28	1.46	82.078	37.733	1.397	0.84	4.27
1.38	2.03	4.81	42.31	1.62	78.940	39.335	1.536	0.91	4.81
1.39	1.87	5.35	44.18	1.77	75.665	40.750	1.668	0.97	5.35
1.40	1.69	5.88	45.87	1.93	71.667	41.962	1.790	1.02	5.88
1.41	1.58	6.34	47.45	2.07	68.333	43.041	1.904	1.07	6.34
1.42	1.55	6.79	49.00	2.22	65.000	44.049	2.016	1.16	6.79
1.43	1.52	7.23	50.52	2.37	61.667	44.986	2.124	1.25	7.23
1.44	1.49	7.67	52.01	2.52	58.333	45.855	2.230	1.33	7.67
1.45	1.46	8.11	53.47	2.68	55.000	46.658	2.331	1.41	8.11
1.46	1.44	8.84	54.91	2.84	51.667	47.402	2.433	1.49	8.84
1.47	1.42	9.56	56.33	3.01	48.333	48.089	2.535	1.57	9.56
1.48	1.40	10.28	57.73	3.18	46.667	48.742	2.639	1.60	10.28
1.49	1.38	11.00	59.11	3.37	43.333	49.340	2.740	1.67	11.00
1.50	1.37	11.71	60.48	3.56	40.000	49.888	2.838	1.76	11.71
1.51	1.39	12.25	61.87	3.75	36.667	50.398	2.934	1.88	12.25
1.52	1.41	12.79	63.28	3.95	33.333	50.868	3.025	2.01	12.79
1.53	1.43	13.33	64.71	4.16	30.000	51.297	3.111	2.14	13.33
1.54	1.42	13.86	66.13	4.37	26.667	51.675	3.190	2.23	13.86
1.55	1.39	14.39	67.52	4.57	21.793	51.978	3.255	2.33	14.39
1.56	1.35	15.53	68.87	4.79	18.848	52.233	3.315	2.34	15.53
1.57	1.29	16.65	70.16	5.01	16.182	52.441	3.368	2.31	16.65
1.58	1.22	17.77	71.38	5.23	13.808	52.610	3.414	2.25	17.77
1.59	1.12	18.88	72.50	5.44	11.742	52.741	3.452	2.12	18.88
1.60	1.01	19.99	73.51	5.64	10.000	52.842	3.484	1.95	19.99
1.61	0.87	21.30	74.38	5.82	8.566	52.917	3.509	1.70	21.30
1.62	0.73	22.60	75.11	5.98	7.399	52.971	3.529	1.45	22.60
1.63	0.61	23.90	75.72	6.13	6.479	53.010	3.544	1.22	23.90
1.64	0.51	25.19	76.23	6.25	5.783	53.040	3.556	1.03	25.19
1.65	0.42	26.47	76.65	6.37	5.289	53.062	3.565	0.85	26.47
1.66	0.35	26.96	77.00	6.46	4.976	53.080	3.573	0.71	26.96
1.67	0.30	27.44	77.30	6.54	4.752	53.094	3.580	0.61	27.44
1.68	0.27	27.93	77.57	6.61	4.501	53.106	3.585	0.55	27.93
1.69	0.25	28.41	77.82	6.68	4.250	53.117	3.590	0.51	28.41
1.70	0.25	28.89	78.07	6.76	4.001	53.127	3.595	0.51	28.89

1.71	0.26	29.64	78.33	6.83	3.756	53.136	3.600	0.54	29.64
1.72	0.26	30.36	78.59	6.91	3.517	53.145	3.604	0.54	30.36
1.73	0.26	31.05	78.85	6.99	3.287	53.154	3.609	0.54	31.05
1.74	0.26	31.69	79.11	7.07	3.068	53.162	3.613	0.54	31.69
1.75	0.25	32.29	79.36	7.15	2.862	53.169	3.617	0.52	32.29
1.76	0.25	32.85	79.61	7.23	2.672	53.176	3.620	0.52	32.85
1.77	0.24	33.38	79.85	7.31	2.500	53.182	3.624	0.50	33.38
1.78	0.22	33.89	80.07	7.38	2.348	53.187	3.627	0.46	33.89
1.79	0.21	34.39	80.28	7.45	2.219	53.192	3.629	0.44	34.39
1.80	0.19	34.88	80.47	7.52	2.114	53.196	3.632	0.40	34.88
1.81	0.18	35.31	80.65	7.58	2.037	53.199	3.634	0.38	35.31
1.82	0.18	35.74	80.83	7.64	1.989	53.203	3.636	0.38	35.74
1.83	0.17	36.18	81.00	7.70	1.958	53.206	3.638	0.36	36.18
1.84	0.17	36.60	81.17	7.76	1.915	53.209	3.640	0.36	36.60
1.85	0.17	37.03	81.34	7.82	1.873	53.213	3.642	0.36	37.03
1.86	0.16	37.70	81.50	7.88	1.830	53.216	3.644	0.34	37.70
1.87	0.16	38.37	81.66	7.94	1.788	53.218	3.646	0.34	38.37
1.88	0.15	39.03	81.81	8.00	1.745	53.221	3.648	0.32	39.03
1.89	0.15	39.69	81.96	8.06	1.703	53.224	3.649	0.32	39.69
1.90	0.14	40.35	82.10	8.11	1.660	53.226	3.651	0.29	40.35
1.91	0.13	40.80	82.23	8.16	1.618	53.228	3.652	0.27	40.80
1.92	0.11	41.26	82.34	8.21	1.576	53.230	3.654	0.23	41.26
1.93	0.10	41.72	82.44	8.25	1.534	53.231	3.655	0.21	41.72
1.94	0.09	42.17	82.53	8.29	1.492	53.233	3.656	0.19	42.17
1.95	0.08	42.62	82.61	8.32	1.450	53.234	3.657	0.17	42.62
1.96	0.08	43.39	82.69	8.35	1.409	53.235	3.657	0.17	43.39
1.97	0.09	44.15	82.78	8.39	1.368	53.236	3.658	0.19	44.15
1.98	0.09	44.91	82.87	8.43	1.328	53.237	3.659	0.19	44.91
1.99	0.11	45.67	82.98	8.48	1.288	53.239	3.660	0.23	45.67
2.00	0.12	46.42	83.10	8.54	1.249	53.240	3.662	0.25	46.42
2.01	0.15	46.87	83.25	8.60	1.210	53.242	3.663	0.32	46.87
2.02	0.19	47.32	83.44	8.69	1.171	53.244	3.665	0.40	47.32
2.03	0.21	47.77	83.65	8.79	1.134	53.247	3.667	0.44	47.77
2.04	0.23	48.21	83.88	8.90	1.097	53.249	3.669	0.49	48.21
2.05	0.25	48.66	84.13	9.02	1.060	53.252	3.671	0.53	48.66
2.06	0.25	49.60	84.38	9.14	1.025	53.254	3.673	0.53	49.60
2.07	0.25	50.55	84.63	9.26	0.990	53.257	3.676	0.53	50.55
2.08	0.24	51.48	84.87	9.38	0.965	53.259	3.678	0.51	51.48
2.09	0.22	52.42	85.09	9.49	0.930	53.261	3.680	0.47	52.42
2.10	0.20	53.35	85.29	9.59	0.895	53.263	3.681	0.42	53.35
2.11	0.17	54.28	85.46	9.68	0.860	53.265	3.683	0.36	54.28
2.12	0.13	55.21	85.59	9.75	0.824	53.266	3.684	0.28	55.21
2.13	0.11	56.14	85.70	9.81	0.789	53.266	3.685	0.23	56.14
2.14	0.08	57.06	85.78	9.85	0.753	53.267	3.685	0.17	57.06
2.15	0.06	57.98	85.84	9.89	0.718	53.268	3.686	0.13	57.98
2.16	0.04	58.89	85.88	9.91	0.682	53.268	3.686	0.09	58.89
2.17	0.03	59.80	85.91	9.93	0.647	53.268	3.686	0.06	59.80
2.18	0.02	60.71	85.93	9.94	0.612	53.268	3.686	0.04	60.71
2.19	0.01	61.61	85.94	9.95	0.576	53.268	3.686	0.02	61.61
2.20	0.01	62.51	85.95	9.95	0.541	53.268	3.686	0.02	62.51
2.21	0.01	63.00	85.96	9.96	0.506	53.268	3.686	0.02	63.00
2.22	0.01	63.50	85.97	9.97	0.472	53.268	3.686	0.02	63.50
2.23	0.02	63.99	85.99	9.98	0.437	53.268	3.687	0.04	63.99
2.24	0.03	64.48	86.02	10.00	0.403	53.269	3.687	0.06	64.48
2.25	0.04	64.97	86.06	10.02	0.369	53.269	3.687	0.09	64.97
2.26	0.06	65.46	86.12	10.06	0.336	53.269	3.687	0.13	65.46
2.27	0.08	65.94	86.20	10.11	0.303	53.269	3.687	0.17	65.94
2.28	0.10	66.42	86.30	10.18	0.270	53.269	3.688	0.21	66.42
2.29	0.13	66.90	86.43	10.26	0.237	53.270	3.688	0.28	66.90
2.30	0.16	67.38	86.59	10.37	0.205	53.270	3.688	0.34	67.38

2.31	0.48	67.58	87.07	10.68	0.174	53.271	3.689	1.03	67.58
2.32	0.47	67.77	87.54	10.99	0.143	53.272	3.690	1.00	67.77
2.33	0.47	67.96	88.01	11.29	0.113	53.272	3.691	1.00	67.96
2.34	0.47	68.16	88.48	11.60	0.083	53.272	3.691	1.01	68.16
2.35	0.47	68.35	88.95	11.90	0.054	53.273	3.692	1.01	68.35
2.36	0.47	68.54	89.42	12.19	0.025	53.273	3.692	1.01	68.54
2.37	0.46	68.73	89.88	12.48	0.0	53.273	3.692	0.98	68.73
2.38	0.46	68.92	90.34	12.77	0.0	53.273	3.692	0.98	68.92
2.39	0.46	69.11	90.80	13.06	0.0	53.273	3.692	0.98	69.11
2.40	0.46	69.30	91.26	13.34	0.0	53.273	3.692	0.98	69.30
2.41	0.46	69.49	91.72	13.62	0.0	53.273	3.692	0.98	69.49
2.42	0.45	69.67	92.17	13.90	0.0	53.273	3.692	0.96	69.67
2.43	0.45	69.86	92.62	14.17	0.0	53.273	3.692	0.96	69.86
2.44	0.45	70.04	93.07	14.44	0.0	53.273	3.692	0.96	70.04
2.45	0.45	70.23	93.52	14.71	0.0	53.273	3.692	0.96	70.23
2.46	0.45	71.99	93.97	14.98	0.0	53.273	3.692	0.98	71.99
2.47	0.45	73.75	94.42	15.26	0.0	53.273	3.692	0.96	73.75
2.48	0.44	75.51	94.86	15.54	0.0	53.273	3.692	0.94	75.91
2.49	0.44	77.25	95.30	15.82	0.0	53.273	3.692	0.94	77.25
2.50	0.44	78.99	95.74	16.12	0.0	53.273	3.692	0.94	78.99
2.51	0.44	80.72	96.18	16.41	0.0	53.273	3.692	0.94	80.72
2.52	0.44	82.44	96.62	16.71	0.0	53.273	3.692	0.94	82.44
2.53	0.43	84.16	97.05	17.01	0.0	53.273	3.692	0.92	84.16
2.54	0.43	85.87	97.48	17.31	0.0	53.273	3.692	0.92	85.87
2.55	0.43	87.58	97.91	17.62	0.0	53.273	3.692	0.92	87.58
2.56	0.43	89.28	98.34	17.94	0.0	53.273	3.692	0.92	89.28
2.57	0.43	90.97	98.77	18.25	0.0	53.273	3.692	0.92	90.97
2.58	0.43	92.65	99.20	18.58	0.0	53.273	3.692	0.92	92.65
2.59	0.42	94.33	99.62	18.90	0.0	53.273	3.692	0.90	94.33
2.60	0.42	96.00	100.04	19.22	0.0	53.273	3.692	0.90	96.00

		CLEAN COAL ASH %	3.69	REFUSE ASH %	36.92
HEAD ASH %	19.22	CLEAN COAL YIELD%	53.27	REFUSE YIELD%	46.73
THEO. YIELD	61.45	ECART PROB. MOYEN	0.0747		
SG OF SEPARATION	1.507	IMPERFECTION	0.051		
NEAR GRAVITY MAT	27.145				
ORGANIC EFFCY.	86.69				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 5 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

---------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.65 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	98.018	0.0	0.010	0.0	0.01
1.24	0.36	0.08	0.36	0.08	97.973	0.353	0.080	0.01	0.08
1.25	0.49	0.15	0.85	0.12	97.833	0.832	0.120	0.02	0.15
1.26	0.63	0.21	1.48	0.16	97.459	1.446	0.158	0.03	0.21
1.27	0.76	0.28	2.24	0.20	96.934	2.183	0.199	0.04	0.28
1.28	0.90	0.36	3.14	0.24	96.313	3.050	0.242	0.06	0.35
1.29	1.03	0.41	4.17	0.28	95.650	4.035	0.283	0.08	0.41
1.30	1.17	0.48	5.34	0.33	95.000	5.146	0.326	0.11	0.48
1.31	1.31	0.55	6.65	0.37	94.360	6.382	0.369	0.14	0.55
1.32	1.45	0.79	8.10	0.45	93.583	7.739	0.443	0.17	0.79
1.33	1.59	1.21	9.69	0.57	92.510	9.210	0.565	0.22	1.21
1.34	1.73	1.63	11.42	0.73	90.984	10.784	0.721	0.29	1.63
1.35	1.87	2.05	13.29	0.92	87.675	12.424	0.896	0.43	2.05
1.36	2.01	2.46	15.30	1.12	85.012	14.133	1.085	0.56	2.46
1.37	2.15	2.87	17.45	1.34	82.078	15.897	1.283	0.72	2.87
1.38	2.29	3.28	19.74	1.56	78.940	17.705	1.487	0.90	3.28
1.39	2.44	3.68	22.18	1.79	75.665	19.551	1.694	1.11	3.68
1.40	2.58	4.09	24.76	2.03	71.667	21.400	1.901	1.36	4.09
1.41	3.01	4.25	27.77	2.27	68.333	23.457	2.107	1.77	4.25
1.42	3.62	4.42	31.39	2.52	65.000	25.810	2.318	2.36	4.42
1.43	4.07	4.59	35.46	2.76	61.667	28.320	2.519	2.90	4.59
1.44	4.35	4.75	39.81	2.98	58.333	30.857	2.703	3.37	4.75
1.45	4.46	4.92	44.27	3.17	55.000	33.310	2.866	3.74	4.92
1.46	4.42	5.82	48.69	3.41	51.667	35.594	3.056	3.98	5.82
1.47	4.21	6.71	52.90	3.67	48.333	37.629	3.253	4.05	6.71
1.48	3.84	7.60	56.74	3.94	46.667	39.421	3.451	3.81	7.60
1.49	3.30	8.48	60.04	4.19	43.333	40.851	3.627	3.48	8.48
1.50	2.60	9.36	62.64	4.40	40.000	41.891	3.769	2.80	9.36
1.51	2.15	10.30	64.79	4.60	36.667	42.679	3.890	2.53	10.30
1.52	2.05	11.23	66.84	4.80	33.333	43.363	4.006	2.54	11.23
1.53	1.94	12.16	68.78	5.01	30.000	43.945	4.114	2.53	12.16
1.54	1.82	13.08	70.60	5.22	26.667	44.430	4.211	2.48	13.08
1.55	1.69	14.00	72.29	5.42	21.793	44.798	4.292	2.46	14.00
1.56	1.55	14.84	73.84	5.62	18.848	45.090	4.360	2.34	14.84
1.57	1.40	15.68	75.24	5.81	16.182	45.317	4.417	2.18	15.68
1.58	1.25	16.51	76.49	5.98	13.808	45.489	4.469	2.01	16.51
1.59	1.08	17.34	77.57	6.14	11.742	45.616	4.499	1.77	17.34
1.60	0.91	18.16	78.48	6.28	10.000	45.707	4.526	1.52	18.16
1.61	0.83	19.18	79.31	6.42	8.566	45.778	4.549	1.41	19.18
1.62	0.83	20.18	80.14	6.56	7.399	45.840	4.569	1.43	20.18
1.63	0.82	21.18	80.96	6.71	6.479	45.893	4.589	1.43	21.18
1.64	0.80	22.17	81.76	6.86	5.783	45.939	4.606	1.40	22.17
1.65	0.76	23.16	82.52	7.01	5.289	45.979	4.623	1.34	23.16
1.66	0.71	23.62	83.23	7.15	4.976	46.015	4.637	1.26	23.62
1.67	0.65	24.08	83.88	7.28	4.752	46.046	4.650	1.15	24.08
1.68	0.57	24.53	84.45	7.40	4.501	46.071	4.661	1.01	24.53
1.69	0.47	24.99	84.92	7.50	4.250	46.091	4.670	0.84	24.99
1.70	0.37	25.44	85.29	7.57	4.001	46.106	4.677	0.66	25.44

1.71	0.31	25.85	85.60	7.64	3.756	46.118	4.682	0.56	25.85
1.72	0.30	26.27	85.90	7.70	3.517	46.128	4.687	0.54	26.27
1.73	0.30	26.68	86.20	7.77	3.287	46.138	4.692	0.54	26.68
1.74	0.30	27.09	86.50	7.84	3.068	46.147	4.696	0.54	27.09
1.75	0.29	27.49	86.79	7.90	2.862	46.156	4.700	0.52	27.49
1.76	0.28	28.47	87.07	7.97	2.672	46.163	4.704	0.51	28.47
1.77	0.27	29.45	87.34	8.04	2.500	46.170	4.708	0.49	29.45
1.78	0.26	30.42	87.60	8.10	2.348	46.176	4.711	0.47	30.42
1.79	0.25	31.38	87.85	8.17	2.219	46.181	4.714	0.45	31.38
1.80	0.23	32.34	88.08	8.23	2.114	46.186	4.717	0.42	32.34
1.81	0.23	33.11	88.31	8.30	2.037	46.191	4.720	0.42	33.11
1.82	0.24	33.87	88.55	8.37	1.989	46.196	4.723	0.44	33.87
1.83	0.24	34.63	88.79	8.44	1.958	46.200	4.726	0.44	34.63
1.84	0.24	35.39	89.03	8.51	1.915	46.205	4.729	0.44	35.39
1.85	0.23	36.14	89.26	8.58	1.873	46.209	4.732	0.42	36.14
1.86	0.23	36.92	89.49	8.65	1.830	46.214	4.735	0.42	36.92
1.87	0.21	37.69	89.70	8.72	1.788	46.217	4.738	0.38	37.69
1.88	0.20	38.46	89.90	8.79	1.745	46.221	4.740	0.37	38.46
1.89	0.18	39.22	90.08	8.85	1.703	46.224	4.743	0.33	39.22
1.90	0.16	39.98	90.24	8.90	1.660	46.227	4.745	0.29	39.98
1.91	0.14	40.59	90.38	8.95	1.618	46.229	4.747	0.26	40.59
1.92	0.14	41.19	90.52	9.00	1.576	46.231	4.748	0.26	41.19
1.93	0.13	41.79	90.65	9.05	1.534	46.233	4.750	0.24	41.79
1.94	0.13	42.39	90.78	9.10	1.492	46.235	4.751	0.24	42.39
1.95	0.12	42.99	90.90	9.14	1.450	46.237	4.753	0.22	42.99
1.96	0.12	43.89	91.02	9.19	1.409	46.238	4.754	0.22	43.89
1.97	0.12	44.79	91.14	9.23	1.368	46.240	4.756	0.22	44.79
1.98	0.13	45.68	91.27	9.29	1.328	46.242	4.757	0.24	45.68
1.99	0.13	46.57	91.40	9.34	1.288	46.243	4.759	0.24	46.57
2.00	0.13	47.45	91.53	9.39	1.249	46.245	4.760	0.24	47.45
2.01	0.14	48.10	91.67	9.45	1.210	46.247	4.762	0.26	48.10
2.02	0.14	48.74	91.81	9.51	1.171	46.248	4.763	0.26	48.74
2.03	0.15	49.38	91.96	9.58	1.134	46.250	4.765	0.28	49.38
2.04	0.15	50.02	92.11	9.64	1.097	46.252	4.767	0.28	50.02
2.05	0.15	50.65	92.26	9.71	1.060	46.253	4.768	0.28	50.65
2.06	0.15	51.47	92.41	9.78	1.025	46.255	4.770	0.28	51.47
2.07	0.15	52.29	92.56	9.85	0.990	46.256	4.771	0.28	52.29
2.08	0.15	53.11	92.71	9.92	0.965	46.258	4.773	0.28	53.11
2.09	0.14	53.92	92.85	9.98	0.930	46.259	4.774	0.26	53.92
2.10	0.14	54.72	92.99	10.05	0.895	46.260	4.776	0.26	54.72
2.11	0.12	55.58	93.11	10.11	0.860	46.261	4.777	0.22	55.58
2.12	0.10	56.44	93.21	10.16	0.824	46.262	4.778	0.18	56.44
2.13	0.08	57.29	93.29	10.20	0.789	46.263	4.778	0.15	57.29
2.14	0.06	58.14	93.35	10.23	0.753	46.263	4.779	0.11	58.14
2.15	0.05	58.98	93.40	10.26	0.718	46.264	4.779	0.09	58.98
2.16	0.04	59.82	93.44	10.28	0.682	46.264	4.780	0.07	59.82
2.17	0.03	60.66	93.47	10.29	0.647	46.264	4.780	0.06	60.66
2.18	0.02	61.49	93.49	10.30	0.612	46.264	4.780	0.04	61.49
2.19	0.01	62.32	93.50	10.31	0.576	46.264	4.780	0.02	62.32
2.20	0.01	63.15	93.51	10.32	0.541	46.264	4.780	0.02	63.15
2.21	0.01	63.53	93.52	10.32	0.506	46.264	4.780	0.02	63.53
2.22	0.01	63.92	93.53	10.33	0.472	46.264	4.780	0.02	63.92
2.23	0.01	64.30	93.54	10.33	0.437	46.264	4.780	0.02	64.30
2.24	0.02	64.68	93.56	10.34	0.403	46.265	4.780	0.04	64.68
2.25	0.02	65.06	93.58	10.36	0.369	46.265	4.781	0.04	65.06
2.26	0.03	65.44	93.61	10.37	0.336	46.265	4.781	0.06	65.44
2.27	0.05	65.82	93.66	10.40	0.303	46.265	4.781	0.09	65.82
2.28	0.06	66.19	93.72	10.44	0.270	46.265	4.781	0.11	66.19
2.29	0.08	66.57	93.80	10.49	0.237	46.265	4.781	0.15	66.57
2.30	0.10	66.94	93.90	10.55	0.205	46.265	4.782	0.19	66.94

2.31	[illegible]	66.94	94.04	10.63	0.174	46.266	4.782	[illegible]	66.94
2.32	0.15	66.94	94.19	10.72	0.143	46.266	4.782	0.28	66.94
2.33	0.16	66.94	94.35	10.82	0.113	46.266	4.783	0.30	66.94
2.34	0.17	66.94	94.52	10.92	0.083	46.266	4.783	0.32	66.94
2.35	0.17	66.94	94.69	11.02	0.054	46.266	4.783	0.32	66.94
2.36	0.18	66.94	94.87	11.12	0.025	46.266	4.783	0.33	66.94
2.37	0.19	66.94	95.06	11.24	0.0	46.266	4.783	0.35	66.94
2.38	0.20	66.94	95.26	11.35	0.0	46.266	4.783	0.37	66.94
2.39	0.21	66.94	95.47	11.47	0.0	46.266	4.783	0.39	66.94
2.40	0.22	66.94	95.69	11.60	0.0	46.266	4.783	0.41	66.94
2.41	0.23	66.94	95.92	11.73	0.0	46.266	4.783	0.43	66.94
2.42	0.23	66.94	96.15	11.87	0.0	46.266	4.783	0.43	66.94
2.43	0.24	66.94	96.39	12.00	0.0	46.266	4.783	0.45	66.94
2.44	0.25	66.94	96.64	12.15	0.0	46.266	4.783	0.47	66.94
2.45	0.26	66.94	96.90	12.29	0.0	46.266	4.783	0.48	66.94
2.46	0.18	68.93	97.08	12.40	0.0	46.266	4.783	0.33	68.93
2.47	0.18	70.92	97.26	12.51	0.0	46.266	4.783	0.33	70.92
2.48	0.19	72.89	97.45	12.62	0.0	46.266	4.783	0.35	72.89
2.49	0.19	74.86	97.64	12.75	0.0	46.266	4.783	0.35	74.86
2.50	0.20	76.82	97.84	12.88	0.0	46.266	4.783	0.37	76.82
2.51	0.20	78.77	98.04	13.01	0.0	46.266	4.783	0.37	78.77
2.52	0.21	80.72	98.25	13.16	0.0	46.266	4.783	0.39	80.72
2.53	0.21	82.65	98.46	13.30	0.0	46.266	4.783	0.39	82.65
2.54	0.21	84.58	98.67	13.46	0.0	46.266	4.783	0.39	84.58
2.55	0.22	86.50	98.89	13.62	0.0	46.266	4.783	0.41	86.50
2.56	0.22	88.42	99.11	13.78	0.0	46.266	4.783	0.41	88.42
2.57	0.23	90.32	99.34	13.96	0.0	46.266	4.783	0.43	90.32
2.58	0.23	92.22	99.57	14.14	0.0	46.266	4.783	0.43	92.22
2.59	0.23	94.12	99.80	14.33	0.0	46.266	4.783	0.43	94.12
2.60	0.24	96.00	100.04	14.52	0.0	46.266	4.783	0.45	96.00

		CLEAN COAL ASH %	4.78	REFUSE ASH %	22.91
HEAD ASH %	14.52	CLEAN COAL YIELD%	46.27	REFUSE YIELD%	53.73
THEO. YIELD	66.63	ECART PROB. MOYEN	0.0747		
SG OF SEPARATION	1.519	IMPERFECTION	0.051		
NEAR GRAVITY MAT	49.034				
ORGANIC EFFCY.	69.44				

Yield Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : DATA SET CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN HOB

MINE PERIOD : PROPERTY

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
BC	DDH82006	46	WA1	15.71	50.176819	5.08	35.88	18.004150	21.66	64.12	32.172668
HC	DDH82001	2	WA1	22.99	12.941961	4.47	35.53	4.597954	33.19	64.47	8.344007
HC	DDH82001	5	WA1	17.22	50.649841	4.65	32.21	16.316162	23.19	67.79	34.333679
	TOTALS			17.21	113.768616	4.83	34.21	38.918259	23.65	65.79	74.850342

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : FRACTION CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN HOB

MINE PERIOD : PROPERTY

FRACTION SIZE (MM) 10.00 X 0.60 FLOAT EQUIPEMENT HMC SG 1.43

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
BC	DDH82006	46	WA1	17.35	37.361664	4.99	31.61	11.809262	23.06	68.39	25.552399
HC	DDH82001	2	WA1	23.87	10.481519	4.78	31.36	3.287207	32.59	68.64	7.194312
HC	DDH82001	5	WA1	17.88	40.654663	4.60	28.76	11.691755	23.24	71.24	28.962906
				18.36	88.497833	4.79	30.27	26.788223	24.26	69.73	61.709610

FRACTION SIZE (MM) 0.60 X 0.15 FLOAT EQUIPEMENT HMC SG 1.47

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
BC	DDH82006	46	WA1	10.94	12.815162	5.26	48.34	6.194890	16.26	51.66	6.620272
HC	DDH82001	2	WA1	19.22	2.460443	3.69	53.27	1.310747	36.92	46.73	1.149695
HC	DDH82001	5	WA1	14.52	9.995191	4.78	46.27	4.624409	22.91	53.73	5.370782
				13.16	25.270782	4.91	48.00	12.130046	20.78	52.00	13.140749

TOTALS				17.21	113.768616	4.83	34.21	38.918259	23.65	65.79	74.850357

Averaged Quality Data Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN HOB

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	RM 1008	ASH 1009	VM 1010	FC 1011	TS 1012	HGI 1019	C 1805	H 1806	N 1807	O 1808
KPNBCDDH82006	46	0.760	5.082	6.498	87.659	0.550	********	87.569	3.194	1.105	1.215
KPNHCDDH82001	2	0.510	4.469	7.001	88.020	0.660	35.000	88.075	3.025	1.080	2.170
KPNHCDDH82001	5	0.550	4.654	6.536	88.261	0.550	36.000	88.190	3.247	1.147	1.654
QUALITY		0.642	4.830	6.573	87.954	0.563	35.780	87.324	3.176	1.112	1.502

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME : 5% ASH PRODUCT KLAPPAN HOB

MINE PERIOD : PROPERTY

DATA SOURCE	SID	SIO2	AL23	FE23	CAO	MGO	TIO2	NA2O	K2O	SO3	P2O5
ELEMENT NO.		1504	1505	1506	1507	1508	1509	1510	1511	1512	1513
KPNBCDDH82006	46	48.190	31.720	2.890	3.160	0.190	2.130	1.300	0.980	0.880	3.430
KPNHCDDH82001	2	52.280	23.700	4.050	5.100	1.380	1.370	1.140	1.380	1.400	3.340
KPNHCDDH82001	5	57.710	24.910	2.020	2.390	0.670	1.090	1.270	0.800	0.770	3.630
QUALITY		52.482	28.093	2.665	3.061	0.514	1.627	1.270	0.951	0.892	3.501

ASTERIKS MEANS NO VALUE

(2)

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN HOB

MINE PERIOD : PROPERTY

DATA SOURCE	SID	OIT	OST	OHT	OFT	RIT	RST	RHT	RFT
ELEMENT NO.		1404	1405	1406	1407	1408	1409	1410	1411
KPNBCDDH82006	46	1210.000	1340.000	1490.000	1500.000	1200.000	1340.000	1395.000	1450.000
KPNHCDDH82001	2	1190.000	1285.000	1310.000	1360.000	1175.000	1280.000	1310.000	1340.000
KPNHCDDH82001	5	1220.000	1415.000	1465.000	1500.000	1195.000	1390.000	1455.000	1500.000
QUALITY		1211.853	1364.283	1460.227	1484.697	1195.248	1353.638	1409.945	1458.173

ASTERIKS MEANS NO VALUE

Lost Fox Area

Low Ash Premium Coal Product

Washability Data
Individual Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 30 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 87.18 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	0.26	0.81	0.26	0.81	99.74	11.73
1.35	0.18	2.02	0.44	1.30	99.56	11.75
1.40	0.17	3.05	0.61	1.80	99.39	11.77
1.45	43.42	3.65	44.03	3.62	55.97	18.06
1.50	35.90	6.91	79.93	5.10	20.07	38.02
1.55	4.75	14.80	84.68	5.64	15.32	45.21
1.60	2.32	20.03	87.00	6.03	13.00	49.71
1.65	0.94	24.11	87.94	6.22	12.06	51.70
1.70	0.91	29.04	88.85	6.45	11.15	53.56
1.80	1.75	35.16	90.60	7.01	9.40	56.98
1.90	1.24	39.71	91.84	7.45	8.16	59.61
2.60	8.16	59.61	100.00	11.71	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 30 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.59	0.43	1.59	0.43	98.41	18.15
1.35	1.09	1.26	2.68	0.77	97.32	18.34
1.40	1.05	2.40	3.73	1.22	96.27	18.51
1.45	33.82	2.92	37.55	2.75	62.45	26.96
1.50	29.17	6.82	66.72	4.53	33.28	44.61
1.55	6.87	15.55	73.59	5.56	26.41	52.16
1.60	3.68	20.63	77.27	6.28	22.73	57.27
1.65	1.83	24.26	79.10	6.69	20.90	60.15
1.70	1.38	27.64	80.48	7.05	19.52	62.46
1.80	1.42	32.08	81.90	7.48	18.10	64.83
1.90	1.14	37.69	83.04	7.90	16.96	66.66
2.60	16.96	66.66	100.00	17.87	0.00	0.00

Washability Data
Blended Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 87.18 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.26	0.81	0.26	0.81	99.74	11.73
1.35	0.18	2.02	0.44	1.30	99.56	11.75
1.40	0.17	3.05	0.61	1.80	99.39	11.77
1.45	43.42	3.65	44.03	3.62	55.97	18.06
1.50	35.90	6.91	79.93	5.10	20.07	38.02
1.55	4.75	14.80	84.68	5.64	15.32	45.21
1.60	2.32	20.03	87.00	6.03	13.00	49.71
1.65	0.94	24.11	87.94	6.22	12.06	51.70
1.70	0.91	29.04	88.85	6.45	11.15	53.56
1.80	1.75	35.16	90.60	7.01	9.40	56.98
1.90	1.24	39.71	91.84	7.45	8.16	59.61
2.80	8.16	59.61	100.00	11.71	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.59	0.43	1.59	0.43	98.41	18.15
1.35	1.09	1.26	2.68	0.77	97.32	18.34
1.40	1.05	2.40	3.73	1.22	96.27	18.51
1.45	33.82	2.92	37.55	2.75	62.45	26.96
1.50	29.17	6.82	66.72	4.53	33.28	44.61
1.55	6.87	15.55	73.59	5.56	26.41	52.16
1.60	3.68	20.63	77.27	6.28	22.73	57.27
1.65	1.83	24.26	79.10	6.69	20.90	60.15
1.70	1.38	27.64	80.48	7.05	19.52	62.46
1.80	1.42	32.08	81.90	7.48	18.10	64.83
1.90	1.14	37.69	83.04	7.90	16.96	66.66
2.60	16.96	66.66	100.00	17.87	0.00	0.00

Washability Data

Blended Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT : KPN MINE PERIOD PROPERTY EQUIPEMENT HMC SG-ASH 5.00 EP 0.035 SG 1.50
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 87.18 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.601	0.0	0.010	0.0	0.01
1.24	0.04	0.20	0.04	0.20	99.503	0.038	0.205	0.00	0.20
1.25	0.04	0.40	0.08	0.30	99.404	0.075	0.301	0.00	0.40
1.26	0.04	0.59	0.11	0.40	99.306	0.113	0.397	0.00	0.59
1.27	0.04	0.81	0.15	0.50	99.207	0.150	0.498	0.00	0.81
1.28	0.04	1.05	0.19	0.61	99.109	0.186	0.606	0.00	1.05
1.29	0.04	1.28	0.22	0.72	99.010	0.223	0.717	0.00	1.28
1.30	0.04	1.52	0.26	0.83	98.902	0.259	0.829	0.00	1.52
1.31	0.04	1.65	0.30	0.93	98.805	0.294	0.928	0.00	1.65
1.32	0.04	1.78	0.33	1.02	98.710	0.330	1.019	0.00	1.78
1.33	0.04	1.98	0.37	1.11	88.616	0.364	1.111	0.00	1.98
1.34	0.04	2.26	0.40	1.21	98.522	0.399	1.211	0.00	2.26
1.35	0.04	2.54	0.44	1.32	98.429	0.434	1.317	0.00	2.54
1.36	0.03	2.72	0.47	1.42	98.335	0.467	1.417	0.00	2.72
1.37	0.03	2.90	0.50	1.51	98.240	0.499	1.510	0.00	2.90
1.38	0.03	3.06	0.54	1.61	98.145	0.530	1.603	0.00	3.06
1.39	0.03	3.22	0.57	1.70	98.049	0.564	1.699	0.00	3.22
1.40	0.04	3.37	0.61	1.81	97.391	0.602	1.805	0.00	3.37
1.41	5.22	3.38	5.83	3.21	96.124	5.616	3.207	0.59	3.38
1.42	13.11	3.38	18.93	3.33	94.740	18.032	3.323	2.01	3.38
1.43	17.38	3.64	36.31	3.48	93.480	34.275	3.473	3.30	3.64
1.44	4.20	4.16	40.51	3.55	90.452	38.078	3.542	1.17	4.16
1.45	3.51	4.69	44.03	3.64	84.500	41.047	3.625	1.59	4.69
1.46	8.34	5.12	52.36	3.87	77.835	47.536	3.829	5.39	5.12
1.47	8.74	5.54	61.10	4.11	67.857	53.466	4.019	8.19	5.54
1.48	8.16	6.78	69.26	4.43	60.715	58.421	4.253	9.34	6.78
1.49	6.60	8.81	75.86	4.81	53.572	61.958	4.513	8.94	8.81
1.50	4.07	10.83	79.93	5.11	46.429	63.846	4.700	6.35	10.83
1.51	2.00	12.97	81.93	5.31	42.857	64.701	4.809	3.33	12.97
1.52	1.22	15.09	83.15	5.45	35.714	65.137	4.878	2.28	15.09
1.53	0.70	16.43	83.84	5.54	28.571	65.335	4.913	1.45	16.43
1.54	0.43	17.01	84.27	5.60	18.442	65.414	4.928	1.01	17.01
1.55	0.41	17.59	84.68	5.66	13.171	65.468	4.938	1.04	17.59
1.56	0.52	18.49	85.20	5.73	9.365	65.517	4.948	1.38	18.49
1.57	0.55	19.38	85.75	5.82	7.283	65.557	4.957	1.50	19.38
1.58	0.53	20.27	86.28	5.91	5.660	65.587	4.964	1.45	20.27
1.59	0.44	21.16	86.71	5.99	4.908	65.608	4.969	1.21	21.16
1.60	0.29	22.05	87.00	6.04	4.466	65.621	4.973	0.80	22.05
1.61	0.19	22.44	87.19	6.08	3.930	65.628	4.975	0.53	22.44
1.62	0.19	22.83	87.38	6.11	3.415	65.635	4.976	0.53	22.83
1.63	0.19	23.74	87.57	6.15	2.946	65.640	4.978	0.53	23.74
1.64	0.19	25.16	87.75	6.19	2.543	65.645	4.979	0.53	25.16
1.65	0.18	26.57	87.94	6.23	2.231	65.649	4.981	0.52	26.57
1.66	0.18	27.20	88.12	6.28	2.034	65.653	4.982	0.52	27.20
1.67	0.18	27.83	88.30	6.32	1.909	65.657	4.983	0.52	27.83
1.68	0.18	28.80	88.49	6.37	1.818	65.660	4.984	0.52	28.80
1.69	0.18	30.09	88.67	6.42	1.726	65.663	4.986	0.52	30.09
1.70	0.18	31.37	88.85	6.47	1.634	65.666	4.987	0.52	31.37

1.71	0.18	32.18	89.03	6.52	1.544	65.669	4.988	0.52	32.18
1.72	0.18	32.99	89.22	6.58	1.454	65.671	4.989	0.53	32.99
1.73	0.18	33.79	89.40	6.63	1.366	65.674	4.990	0.53	33.79
1.74	0.18	34.59	89.58	6.69	1.280	65.676	4.991	0.53	34.59
1.75	0.18	35.38	89.77	6.75	1.196	65.678	4.992	0.52	35.38
1.76	0.18	35.81	89.94	6.80	1.115	65.680	4.993	0.51	35.81
1.77	0.17	36.24	90.12	6.86	1.038	65.682	4.994	0.50	36.24
1.78	0.17	36.66	90.29	6.92	0.963	65.684	4.995	0.48	36.66
1.79	0.16	37.08	90.45	6.97	0.925	65.685	4.996	0.47	37.08
1.80	0.15	37.50	90.60	7.02	0.850	65.687	4.996	0.44	37.50
1.81	0.15	37.88	90.75	7.07	0.774	65.688	4.997	0.42	37.88
1.82	0.14	38.26	90.88	7.12	0.698	65.689	4.997	0.40	38.26
1.83	0.13	38.64	91.01	7.16	0.622	65.690	4.998	0.38	38.64
1.84	0.13	39.02	91.14	7.21	0.547	65.690	4.998	0.36	39.02
1.85	0.12	39.39	91.26	7.25	0.473	65.691	4.998	0.35	39.39
1.86	0.12	39.93	91.38	7.29	0.399	65.691	4.999	0.34	39.93
1.87	0.12	40.48	91.49	7.33	0.328	65.692	4.999	0.34	40.48
1.88	0.11	41.02	91.61	7.38	0.257	65.692	4.999	0.33	41.02
1.89	0.12	41.55	91.72	7.42	0.189	65.692	4.999	0.33	41.55
1.90	0.12	42.09	91.84	7.46	0.123	65.692	4.999	0.34	42.09
1.91	0.12	42.31	91.96	7.51	0.060	65.692	4.999	0.34	42.31
1.92	0.12	42.53	92.08	7.55	0.000	65.692	4.999	0.34	42.53
1.93	0.12	42.74	92.19	7.60	0.0	65.692	4.999	0.34	42.74
1.94	0.12	42.96	92.31	7.64	0.0	65.692	4.999	0.34	42.96
1.95	0.12	43.18	92.43	7.69	0.0	65.692	4.999	0.34	43.18
1.96	0.12	43.39	92.55	7.73	0.0	65.692	4.999	0.34	43.39
1.97	0.12	43.61	92.66	7.78	0.0	65.692	4.999	0.34	43.61
1.98	0.12	43.82	92.78	7.82	0.0	65.692	4.999	0.34	43.82
1.99	0.12	44.03	92.90	7.87	0.0	65.692	4.999	0.34	44.03
2.00	0.12	44.24	93.02	7.92	0.0	65.692	4.999	0.34	44.24
2.01	0.12	44.45	93.14	7.96	0.0	65.692	4.999	0.34	44.45
2.02	0.12	44.66	93.25	8.01	0.0	65.692	4.999	0.34	44.66
2.03	0.12	44.87	93.37	8.06	0.0	65.692	4.999	0.34	44.87
2.04	0.12	45.07	93.49	8.10	0.0	65.692	4.999	0.34	45.07
2.05	0.12	45.28	93.61	8.15	0.0	65.692	4.999	0.34	45.28
2.06	0.12	45.48	93.72	8.20	0.0	65.692	4.999	0.34	45.48
2.07	0.12	45.69	93.84	8.24	0.0	65.692	4.999	0.34	45.69
2.08	0.12	45.89	93.96	8.29	0.0	65.692	4.999	0.34	45.89
2.09	0.12	46.09	94.08	8.34	0.0	65.692	4.999	0.34	46.09
2.10	0.12	46.29	94.20	8.39	0.0	65.692	4.999	0.34	46.29
2.11	0.12	46.49	94.31	8.43	0.0	65.692	4.999	0.34	46.49
2.12	0.12	46.69	94.43	8.48	0.0	65.692	4.999	0.34	46.69
2.13	0.12	46.89	94.55	8.53	0.0	65.692	4.999	0.34	46.89
2.14	0.12	47.08	94.67	8.58	0.0	65.692	4.999	0.34	47.08
2.15	0.12	47.28	94.79	8.62	0.0	65.692	4.999	0.34	47.28
2.16	0.12	47.48	94.90	8.67	0.0	65.692	4.999	0.34	47.48
2.17	0.12	47.67	95.02	8.72	0.0	65.692	4.999	0.34	47.67
2.18	0.12	47.86	95.14	8.77	0.0	65.692	4.999	0.34	47.86
2.19	0.12	48.06	95.26	8.82	0.0	65.692	4.999	0.34	48.06
2.20	0.12	48.25	95.37	8.87	0.0	65.692	4.999	0.34	48.25
2.21	0.12	48.44	95.49	8.92	0.0	65.692	4.999	0.34	48.44
2.22	0.12	48.63	95.61	8.96	0.0	65.692	4.999	0.34	48.63
2.23	0.12	48.82	95.73	9.01	0.0	65.692	4.999	0.34	48.82
2.24	0.12	49.00	95.84	9.06	0.0	65.692	4.999	0.34	49.00
2.25	0.12	49.19	95.96	9.11	0.0	65.692	4.999	0.34	49.19
2.26	0.12	50.63	96.08	9.16	0.0	65.692	4.999	0.34	50.63
2.27	0.12	52.06	96.20	9.21	0.0	65.692	4.999	0.34	52.06
2.28	0.12	53.48	96.31	9.27	0.0	65.692	4.999	0.34	53.48
2.29	0.12	54.90	96.43	9.32	0.0	65.692	4.999	0.34	54.90
2.30	0.12	56.31	96.55	9.38	0.0	65.692	4.999	0.34	56.31

2.31	0.12	57.71	96.66	9.44	0.0	65.692	4.999	0.34	57.71
2.32	0.12	59.11	96.78	9.50	0.0	65.692	4.999	0.34	59.11
2.33	0.12	60.50	96.90	9.56	0.0	65.692	4.999	0.34	60.50
2.34	0.12	61.89	97.01	9.62	0.0	65.692	4.999	0.34	61.89
2.35	0.12	63.27	97.13	9.69	0.0	65.692	4.999	0.34	63.27
2.36	0.12	64.64	97.25	9.75	0.0	65.692	4.999	0.34	64.64
2.37	0.12	66.01	97.36	9.82	0.0	65.692	4.999	0.34	66.01
2.38	0.12	67.38	97.48	9.89	0.0	65.692	4.999	0.34	67.38
2.39	0.12	68.73	97.59	9.96	0.0	65.692	4.999	0.34	68.73
2.40	0.12	70.09	97.71	10.03	0.0	65.692	4.999	0.34	70.09
2.41	0.12	71.43	97.83	10.10	0.0	65.692	4.999	0.34	71.43
2.42	0.12	72.77	97.94	10.18	0.0	65.692	4.999	0.34	72.77
2.43	0.12	74.11	98.06	10.25	0.0	65.692	4.999	0.34	74.11
2.44	0.12	75.44	98.17	10.33	0.0	65.692	4.999	0.34	75.44
2.45	0.12	76.76	98.29	10.41	0.0	65.692	4.999	0.34	76.76
2.46	0.12	78.08	98.40	10.49	0.0	65.692	4.999	0.34	78.08
2.47	0.12	79.39	98.52	10.57	0.0	65.692	4.999	0.34	79.39
2.48	0.11	80.70	98.63	10.65	0.0	65.692	4.999	0.33	80.70
2.49	0.11	82.00	98.75	10.73	0.0	65.692	4.999	0.33	82.00
2.50	0.11	83.30	98.86	10.82	0.0	65.692	4.999	0.33	83.30
2.51	0.11	84.59	98.98	10.90	0.0	65.692	4.999	0.33	84.59
2.52	0.11	85.88	99.09	10.99	0.0	65.692	4.999	0.33	85.88
2.53	0.11	87.16	99.21	11.07	0.0	65.692	4.999	0.33	87.16
2.54	0.11	88.44	99.32	11.16	0.0	65.692	4.999	0.33	88.44
2.55	0.11	89.71	99.43	11.25	0.0	65.692	4.999	0.33	89.71
2.56	0.11	90.98	99.55	11.34	0.0	65.692	4.999	0.33	90.98
2.57	0.11	92.24	99.66	11.44	0.0	65.692	4.999	0.33	92.24
2.58	0.11	93.50	99.77	11.53	0.0	65.692	4.999	0.33	93.50
2.59	0.11	94.75	99.89	11.62	0.0	65.692	4.999	0.33	94.75
2.60	0.11	96.00	100.00	11.72	0.0	65.692	4.999	0.33	96.00

RELATIVE WT %	87.18	CLEAN COAL ASH %	5.00	REFUSE ASH %	24.59
HEAD ASH %	11.72	CLEAN COAL YIELD%	65.69	REFUSE YIELD%	34.31
RAW COAL TON.	43.215103	CLEAN COAL TON.	28.389038	REFUSE TON.	14.826085
THEO. YIELD	78.40	ECART PROB. MOYEN	0.0349		
SG OF SEPARATION	1.496	IMPERFECTION	0.023		
NEAR GRAVITY MAT	86.297				
ORGANIC EFFCY.	83.79				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY EQUIPEMENT HMC SG-ASH 5.00 EP 0.074 SG 1.46
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.009	0.0	0.010	0.0	0.01
1.24	0.23	0.10	0.23	0.10	97.833	0.227	0.097	0.01	0.10
1.25	0.23	0.18	0.46	0.14	97.462	0.452	0.140	0.01	0.18
1.26	0.23	0.27	0.69	0.18	96.939	0.675	0.183	0.01	0.27
1.27	0.23	0.40	0.92	0.24	96.318	0.895	0.235	0.01	0.40
1.28	0.23	0.56	1.15	0.30	95.654	1.111	0.299	0.02	0.56
1.29	0.22	0.73	1.37	0.37	95.000	1.325	0.368	0.02	0.73
1.30	0.22	0.89	1.59	0.44	94.338	1.535	0.440	0.02	0.89
1.31	0.22	0.94	1.82	0.50	93.516	1.741	0.500	0.02	0.94
1.32	0.22	0.99	2.03	0.56	92.385	1.942	0.551	0.03	0.99
1.33	0.22	1.17	2.25	0.62	90.797	2.139	0.608	0.03	1.17
1.34	0.22	1.48	2.47	0.69	87.690	2.328	0.679	0.04	1.48
1.35	0.22	1.79	2.68	0.78	85.043	2.512	0.760	0.05	1.79
1.36	0.21	2.04	2.89	0.87	82.118	2.681	0.841	0.06	2.04
1.37	0.19	2.28	3.08	0.96	78.975	2.833	0.918	0.07	2.28
1.38	0.19	2.46	3.27	1.05	75.674	2.981	0.994	0.08	2.46
1.39	0.21	2.57	3.49	1.14	72.275	3.133	1.071	0.10	2.57
1.40	0.24	2.68	3.73	1.24	71.622	3.308	1.156	0.12	2.68
1.41	4.68	2.68	8.41	2.04	68.243	6.499	1.905	2.48	2.68
1.42	11.15	2.68	19.55	2.41	64.865	13.731	2.314	6.55	2.68
1.43	14.68	2.99	34.24	2.66	61.486	22.759	2.582	9.46	2.99
1.44	1.80	3.60	36.03	2.70	58.108	23.802	2.626	1.26	3.60
1.45	1.52	4.20	37.55	2.76	54.730	24.634	2.680	1.15	4.20
1.46	6.50	4.62	44.05	3.04	51.351	27.971	2.911	5.29	4.62
1.47	6.71	5.04	50.76	3.30	46.622	31.100	3.125	5.99	5.04
1.48	6.38	6.45	57.14	3.65	43.243	33.858	3.396	6.06	6.45
1.49	5.50	8.84	62.64	4.11	39.865	36.051	3.727	5.54	8.84
1.50	4.08	11.22	66.72	4.54	36.487	37.539	4.024	4.33	11.22
1.51	2.63	13.45	69.35	4.88	33.108	38.409	4.238	2.94	13.45
1.52	1.71	15.65	71.05	5.14	29.730	38.916	4.387	2.01	15.65
1.53	1.08	17.08	72.13	5.32	26.351	39.201	4.479	1.33	17.08
1.54	0.75	17.72	72.88	5.45	21.745	39.363	4.533	0.98	17.72
1.55	0.71	18.37	73.59	5.57	18.751	39.496	4.580	0.96	18.37
1.56	0.82	19.18	74.41	5.72	16.041	39.627	4.628	1.15	19.18
1.57	0.84	19.98	75.25	5.88	13.638	39.742	4.673	1.22	19.98
1.58	0.80	20.80	76.06	6.04	11.565	39.835	4.710	1.19	20.80
1.59	0.69	21.64	76.75	6.18	9.844	39.904	4.739	1.05	21.64
1.60	0.52	22.48	77.27	6.29	8.571	39.948	4.759	0.80	22.48
1.61	0.40	23.00	77.67	6.38	7.414	39.978	4.773	0.63	23.00
1.62	0.39	23.52	78.06	6.46	6.504	40.003	4.785	0.61	23.52
1.63	0.37	24.22	78.43	6.54	5.815	40.025	4.795	0.58	24.22
1.64	0.35	25.10	78.78	6.63	5.323	40.043	4.804	0.55	25.10
1.65	0.32	25.99	79.10	6.70	5.000	40.059	4.813	0.50	25.99
1.66	0.31	26.53	79.40	6.78	4.751	40.074	4.821	0.49	26.53
1.67	0.31	27.07	79.72	6.86	4.499	40.088	4.829	0.50	27.07
1.68	0.30	27.70	80.01	6.94	4.246	40.100	4.836	0.47	27.70
1.69	0.26	28.43	80.27	7.01	3.995	40.111	4.842	0.42	28.43
1.70	0.21	29.16	80.48	7.06	3.747	40.119	4.847	0.33	29.16

1.71	0.17	29.71	80.65	7.11	3.506	40.125	4.850	0.27	29.71
1.72	0.16	30.26	80.81	7.16	3.273	40.130	4.854	0.26	30.26
1.73	0.15	30.81	80.96	7.20	3.052	40.134	4.857	0.25	30.81
1.74	0.15	31.36	81.11	7.25	2.845	40.139	4.859	0.24	31.36
1.75	0.14	31.90	81.25	7.29	2.653	40.142	4.862	0.23	31.90
1.76	0.14	32.50	81.38	7.33	2.480	40.146	4.864	0.22	32.50
1.77	0.13	33.10	81.51	7.37	2.329	40.149	4.866	0.21	33.10
1.78	0.13	33.69	81.64	7.41	2.201	40.152	4.868	0.21	33.69
1.79	0.13	34.28	81.77	7.45	2.099	40.154	4.870	0.21	34.28
1.80	0.13	34.87	81.90	7.50	2.025	40.157	4.872	0.21	34.87
1.81	0.12	35.27	82.02	7.54	1.983	40.159	4.874	0.20	35.27
1.82	0.12	35.67	82.13	7.58	1.957	40.161	4.876	0.19	35.67
1.83	0.11	36.07	82.24	7.62	1.914	40.164	4.877	0.18	36.07
1.84	0.11	36.47	82.35	7.65	1.871	40.166	4.879	0.17	36.47
1.85	0.10	36.86	82.46	7.69	1.828	40.167	4.880	0.17	36.86
1.86	0.11	37.65	82.56	7.73	1.785	40.169	4.882	0.17	37.65
1.87	0.11	38.44	82.67	7.77	1.742	40.171	4.884	0.18	38.44
1.88	0.11	39.23	82.78	7.81	1.698	40.173	4.885	0.19	39.23
1.89	0.12	40.01	82.91	7.86	1.655	40.175	4.887	0.20	40.01
1.90	0.13	40.78	83.04	7.91	1.612	40.177	4.889	0.22	40.78
1.91	0.14	41.29	83.18	7.97	1.570	40.179	4.891	0.23	41.29
1.92	0.14	41.80	83.32	8.03	1.527	40.182	4.893	0.24	41.80
1.93	0.15	42.30	83.47	8.09	1.485	40.184	4.895	0.24	42.30
1.94	0.15	42.80	83.62	8.15	1.443	40.186	4.897	0.25	42.80
1.95	0.16	43.30	83.77	8.21	1.401	40.188	4.899	0.26	43.30
1.96	0.16	43.80	83.93	8.28	1.360	40.190	4.901	0.26	43.80
1.97	0.16	44.29	84.09	8.35	1.319	40.193	4.903	0.27	44.29
1.98	0.17	44.78	84.26	8.42	1.279	40.195	4.905	0.28	44.78
1.99	0.17	45.27	84.43	8.50	1.239	40.197	4.907	0.28	45.27
2.00	0.17	45.75	84.61	8.57	1.200	40.199	4.910	0.29	45.75
2.01	0.18	46.24	84.78	8.65	1.161	40.201	4.912	0.29	46.24
2.02	0.18	46.72	84.97	8.73	1.124	40.203	4.914	0.30	46.72
2.03	0.19	47.20	85.15	8.82	1.086	40.205	4.916	0.31	47.20
2.04	0.19	47.67	85.34	8.90	1.050	40.207	4.918	0.31	47.67
2.05	0.19	48.15	85.53	8.99	1.014	40.209	4.920	0.32	48.15
2.06	0.20	48.62	85.73	9.08	0.965	40.211	4.922	0.32	48.62
2.07	0.20	49.09	85.93	9.18	0.930	40.213	4.924	0.33	49.09
2.08	0.20	49.55	86.13	9.27	0.894	40.214	4.926	0.34	49.55
2.09	0.21	50.02	86.34	9.37	0.859	40.216	4.928	0.34	50.02
2.10	0.21	50.48	86.54	9.47	0.823	40.218	4.930	0.35	50.48
2.11	0.21	50.94	86.76	9.57	0.787	40.220	4.932	0.35	50.94
2.12	0.22	51.40	86.97	9.67	0.751	40.221	4.934	0.36	51.40
2.13	0.22	51.85	87.19	9.78	0.716	40.223	4.936	0.36	51.85
2.14	0.22	52.31	87.41	9.89	0.680	40.224	4.938	0.37	52.31
2.15	0.22	52.76	87.64	10.00	0.644	40.226	4.939	0.37	52.76
2.16	0.23	53.21	87.86	10.11	0.608	40.227	4.941	0.38	53.21
2.17	0.23	53.66	88.09	10.22	0.573	40.228	4.942	0.38	53.66
2.18	0.23	54.10	88.33	10.34	0.538	40.230	4.944	0.39	54.10
2.19	0.24	54.55	88.56	10.45	0.502	40.231	4.945	0.39	54.55
2.20	0.24	54.99	88.80	10.57	0.468	40.232	4.947	0.40	54.99
2.21	0.24	55.43	89.04	10.70	0.433	40.233	4.948	0.40	55.43
2.22	0.24	55.86	89.29	10.82	0.399	40.234	4.949	0.41	55.86
2.23	0.25	56.30	89.53	10.94	0.364	40.235	4.951	0.41	56.30
2.24	0.25	56.73	89.78	11.07	0.331	40.236	4.952	0.42	56.73
2.25	0.25	57.16	90.03	11.20	0.297	40.236	4.953	0.42	57.16
2.26	0.25	58.36	90.29	11.33	0.264	40.237	4.953	0.42	58.36
2.27	0.26	59.54	90.54	11.47	0.232	40.238	4.954	0.43	59.54
2.28	0.26	60.72	90.80	11.61	0.200	40.238	4.955	0.43	60.72
2.29	0.26	61.90	91.06	11.75	0.168	40.239	4.956	0.44	61.90
2.30	0.26	63.07	91.33	11.90	0.137	40.239	4.956	0.44	63.07

2.31	.27	64.23	91.59	12.05	0.107	40.239	4.957	.44	64.23
2.32	0.27	65.39	91.86	12.21	0.077	40.240	4.957	0.45	65.39
2.33	0.27	66.55	92.13	12.37	0.048	40.240	4.957	0.45	66.55
2.34	0.27	67.70	92.40	12.53	0.020	40.240	4.957	0.45	67.70
2.35	0.27	68.84	92.67	12.70	0.0	40.240	4.957	0.46	68.84
2.36	0.28	69.99	92.95	12.87	0.0	40.240	4.957	0.46	69.99
2.37	0.28	71.12	93.23	13.04	0.0	40.240	4.957	0.46	71.12
2.38	0.28	72.25	93.50	13.22	0.0	40.240	4.957	0.47	72.25
2.39	0.28	73.38	93.79	13.40	0.0	40.240	4.957	0.47	73.38
2.40	0.28	74.50	94.07	13.58	0.0	40.240	4.957	0.47	74.50
2.41	0.28	75.62	94.35	13.77	0.0	40.240	4.957	0.48	75.62
2.42	0.29	76.73	94.64	13.96	0.0	40.240	4.957	0.48	76.73
2.43	0.29	77.84	94.93	14.15	0.0	40.240	4.957	0.48	77.84
2.44	0.29	78.94	95.21	14.35	0.0	40.240	4.957	0.48	78.94
2.45	0.29	80.04	95.50	14.55	0.0	40.240	4.957	0.49	80.04
2.46	0.29	81.13	95.80	14.75	0.0	40.240	4.957	0.49	81.13
2.47	0.29	82.22	96.09	14.95	0.0	40.240	4.957	0.49	82.22
2.48	0.29	83.31	96.38	15.16	0.0	40.240	4.957	0.49	83.31
2.49	0.30	84.39	96.68	15.37	0.0	40.240	4.957	0.49	84.39
2.50	0.30	85.47	96.98	15.59	0.0	40.240	4.957	0.50	85.47
2.51	0.30	86.54	97.27	15.81	0.0	40.240	4.957	0.50	86.54
2.52	0.30	87.61	97.57	16.03	0.0	40.240	4.957	0.50	87.61
2.53	0.30	88.67	97.87	16.25	0.0	40.240	4.957	0.50	88.67
2.54	0.30	89.73	98.17	16.47	0.0	40.240	4.957	0.50	89.73
2.55	0.30	90.78	98.48	16.70	0.0	40.240	4.957	0.51	90.78
2.56	0.30	91.84	98.78	16.93	0.0	40.240	4.957	0.51	91.84
2.57	0.30	92.88	99.08	17.17	0.0	40.240	4.957	0.51	92.88
2.58	0.30	93.93	99.39	17.40	0.0	40.240	4.957	0.51	93.93
2.59	0.31	94.96	99.69	17.64	0.0	40.240	4.957	0.51	94.96
2.60	0.31	96.00	100.00	17.88	0.0	40.240	4.957	0.51	96.00

RELATIVE WT %	8.66	CLEAN COAL ASH %	4.96	REFUSE ASH %	26.58
HEAD ASH %	17.88	CLEAN COAL YIELD%	40.24	REFUSE YIELD%	59.76
RAW COAL TON.	4.292761	CLEAN COAL TON.	1.727395	REFUSE TON.	2.565366
THEO. YIELD	69.85	ECART PROB. MOYEN	0.0740		
SG OF SEPARATION	1.513	IMPERFECTION	0.051		
NEAR GRAVITY MAT	66.114				
ORGANIC EFFCY.	57.61				

Yield Table

Blended Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : BLEND SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN LOS

MINE PERIOD : PROPERTY

FRACTION SIZE (MM)	10.00 0.60	0.60 0.15	
EQUIPMENT	HMC	HMC	
RELATIVE WEIGHT %	87.18	8.66	95.84
HEAD ASH %	11.72	17.88	12.28
RAW COAL TONNAGE	43.215103	4.292761	47.507858
CLEAN COAL ASH %	5.00	4.96	5.00
CLEAN COAL YIELD	65.69	40.24	63.39
CLEAN COAL TONNAGE	28.389038	1.727395	30.116425
THEORETICAL YIELD	78.40	69.85	
THEO. CUTPOINT	1.496	1.51	
NEAR GRAVITY MATERIAL	86.297	66.114	
ORGANIC EFFICIENCY	83.79	57.61	
ECART PROBABLE MOYEN	0.0349	0.074	
IMPERFECTION	0.023	0.051	
REFUSE ASH	24.59	26.58	24.88
REFUSE YIELD	34.31	59.76	36.61
REFUSE TONNAGE	14.826065	2.565366	17.391418

Washability Data

Individual Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 30 WID: WA1 EQUIPE HMC SG-ASH 5.00 EP 0.035 SG 1.50
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 87.18 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.601	0.0	0.010	0.0	0.01
1.24	0.04	0.22	0.04	0.22	99.503	0.040	0.220	0.00	0.22
1.25	0.04	0.42	0.08	0.32	99.404	0.080	0.320	0.00	0.42
1.26	0.04	0.62	0.12	0.42	99.306	0.119	0.420	0.00	0.62
1.27	0.04	0.82	0.16	0.52	99.207	0.159	0.520	0.00	0.82
1.28	0.04	1.02	0.20	0.62	99.109	0.198	0.620	0.00	1.02
1.29	0.04	1.22	0.24	0.72	99.010	0.238	0.719	0.00	1.22
1.30	0.04	1.42	0.28	0.82	98.902	0.278	0.819	0.00	1.42
1.31	0.04	1.61	0.32	0.92	98.805	0.317	0.918	0.00	1.61
1.32	0.04	1.82	0.36	1.02	98.710	0.357	1.018	0.00	1.82
1.33	0.04	2.03	0.40	1.12	98.616	0.396	1.118	0.00	2.03
1.34	0.04	2.24	0.44	1.22	98.522	0.436	1.220	0.00	2.24
1.35	0.04	2.44	0.48	1.32	98.429	0.475	1.321	0.00	2.44
1.36	0.03	2.65	0.51	1.40	98.335	0.505	1.399	0.00	2.65
1.37	0.03	2.85	0.54	1.48	98.240	0.534	1.479	0.00	2.85
1.38	0.03	3.05	0.57	1.56	98.145	0.563	1.561	0.00	3.05
1.39	0.03	3.26	0.60	1.65	98.049	0.593	1.645	0.00	3.26
1.40	0.03	3.46	0.63	1.74	97.391	0.622	1.730	0.00	3.46
1.41	5.49	3.51	6.12	3.33	96.124	5.899	3.322	0.61	3.51
1.42	7.72	3.57	13.84	3.46	94.740	13.213	3.459	1.17	3.57
1.43	9.32	3.63	23.16	3.53	93.480	21.926	3.527	1.75	3.63
1.44	10.28	3.69	33.44	3.58	90.452	31.224	3.576	2.82	3.69
1.45	10.61	3.75	44.05	3.62	84.500	40.189	3.615	4.73	3.75
1.46	10.31	5.03	54.36	3.89	77.835	48.214	3.850	6.57	5.03
1.47	9.38	6.31	63.74	4.24	67.857	54.579	4.137	8.67	6.31
1.48	7.81	7.58	71.55	4.61	60.715	59.321	4.412	8.83	7.58
1.49	5.61	8.84	77.16	4.92	53.572	62.326	4.626	7.49	8.84
1.50	2.78	10.09	79.94	5.10	46.429	63.617	4.737	4.28	10.09
1.51	1.12	11.78	81.06	5.19	42.857	64.097	4.789	1.84	11.78
1.52	1.04	13.45	82.10	5.29	35.714	64.469	4.839	1.92	13.45
1.53	0.95	15.11	83.05	5.41	28.571	64.740	4.882	1.95	15.11
1.54	0.87	16.76	83.92	5.52	18.442	64.900	4.912	2.04	16.76
1.55	0.77	18.39	84.69	5.64	13.171	65.002	4.933	1.92	18.39
1.56	0.68	19.04	85.37	5.75	9.365	65.066	4.947	1.77	19.04
1.57	0.57	19.69	85.94	5.84	7.283	65.107	4.956	1.52	19.69
1.58	0.47	20.33	86.41	5.92	5.660	65.134	4.962	1.28	20.33
1.59	0.36	20.96	86.77	5.98	4.908	65.151	4.967	0.98	20.96
1.60	0.24	21.60	87.01	6.02	4.466	65.162	4.969	0.66	21.60
1.61	0.19	22.44	87.20	6.06	3.930	65.170	4.971	0.53	22.44
1.62	0.19	23.28	87.39	6.10	3.415	65.176	4.973	0.53	23.28
1.63	0.19	24.12	87.58	6.14	2.945	65.182	4.975	0.53	24.12
1.64	0.19	24.95	87.77	6.18	2.543	65.186	4.976	0.53	24.95
1.65	0.19	25.77	87.96	6.22	2.231	65.191	4.978	0.53	25.77
1.66	0.19	26.88	88.15	6.26	2.034	65.195	4.979	0.54	26.88
1.67	0.19	27.98	88.34	6.31	1.909	65.198	4.980	0.54	27.98
1.68	0.18	29.07	88.52	6.36	1.818	65.201	4.981	0.61	29.07
1.69	0.18	30.16	88.70	6.40	1.726	65.205	4.983	0.51	30.16
1.70	0.18	31.24	88.88	6.45	1.634	65.207	4.984	0.51	31.24

1.71	0.18	32.10	89.06	6.51	1.544	65.210	4.985	0.51	32.10
1.72	0.18	32.95	89.24	6.56	1.454	65.213	4.986	0.51	32.95
1.73	0.19	33.79	89.43	6.62	1.366	65.215	4.987	0.54	33.79
1.74	0.19	34.63	89.62	6.68	1.280	65.218	4.988	0.54	34.63
1.75	0.19	35.47	89.81	6.74	1.196	65.220	4.989	0.54	35.47
1.76	0.18	35.89	89.99	6.80	1.115	65.222	4.990	0.51	35.89
1.77	0.18	36.31	90.17	6.86	1.038	65.224	4.991	0.51	36.31
1.78	0.17	36.72	90.34	6.91	0.963	65.226	4.992	0.48	36.72
1.79	0.16	37.13	90.50	6.97	0.925	65.227	4.993	0.46	37.13
1.80	0.14	37.54	90.64	7.01	0.850	65.228	4.993	0.40	37.54
1.81	0.13	37.82	90.77	7.06	0.774	65.229	4.994	0.37	37.82
1.82	0.13	38.09	90.90	7.10	0.698	65.230	4.994	0.37	38.09
1.83	0.13	38.36	91.03	7.15	0.622	65.231	4.995	0.37	38.36
1.84	0.12	38.62	91.15	7.19	0.547	65.232	4.995	0.34	38.62
1.85	0.12	38.89	91.27	7.23	0.473	65.232	4.995	0.34	38.89
1.86	0.12	39.64	91.39	7.27	0.399	65.233	4.996	0.34	39.64
1.87	0.12	40.39	91.51	7.31	0.328	65.233	4.996	0.34	40.39
1.88	0.12	41.13	91.63	7.36	0.257	65.233	4.996	0.34	41.13
1.89	0.12	41.87	91.75	7.40	0.189	65.234	4.996	0.34	41.87
1.90	0.12	42.61	91.87	7.45	0.123	65.234	4.996	0.34	42.61
1.91	0.13	43.10	92.00	7.50	0.060	65.234	4.996	0.37	43.10
1.92	0.13	43.59	92.13	7.55	0.000	65.234	4.996	0.37	43.59
1.93	0.13	44.08	92.26	7.60	0.0	65.234	4.996	0.37	44.08
1.94	0.13	44.56	92.39	7.65	0.0	65.234	4.996	0.37	44.56
1.95	0.13	45.04	92.52	7.71	0.0	65.234	4.996	0.37	45.04
1.96	0.13	45.69	92.65	7.76	0.0	65.234	4.996	0.37	45.69
1.97	0.13	46.32	92.78	7.81	0.0	65.234	4.996	0.37	46.32
1.98	0.13	46.96	92.91	7.87	0.0	65.234	4.996	0.37	46.96
1.99	0.13	47.59	93.04	7.92	0.0	65.234	4.996	0.37	47.59
2.00	0.13	48.22	93.17	7.98	0.0	65.234	4.996	0.37	48.22
2.01	0.13	48.80	93.30	8.04	0.0	65.234	4.996	0.37	48.80
2.02	0.12	49.37	93.42	8.09	0.0	65.234	4.996	0.35	49.37
2.03	0.12	49.94	93.54	8.14	0.0	65.234	4.996	0.35	49.94
2.04	0.12	50.51	93.66	8.20	0.0	65.234	4.996	0.35	50.51
2.05	0.11	51.08	93.77	8.25	0.0	65.234	4.996	0.32	51.08
2.06	0.11	51.34	93.88	8.30	0.0	65.234	4.996	0.32	51.34
2.07	0.10	51.60	93.98	8.35	0.0	65.234	4.996	0.29	51.60
2.08	0.10	51.86	94.08	8.39	0.0	65.234	4.996	0.29	51.86
2.09	0.09	52.11	94.17	8.43	0.0	65.234	4.996	0.26	52.11
2.10	0.08	52.37	94.25	8.47	0.0	65.234	4.996	0.23	52.37
2.11	0.07	52.53	94.32	8.50	0.0	65.234	4.996	0.20	52.53
2.12	0.05	52.69	94.37	8.53	0.0	65.234	4.996	0.14	52.69
2.13	0.04	52.84	94.41	8.55	0.0	65.234	4.996	0.12	52.84
2.14	0.02	53.00	94.43	8.56	0.0	65.234	4.996	0.06	53.00
2.15	0.02	53.16	94.45	8.56	0.0	65.234	4.996	0.06	53.16
2.16	0.01	53.87	94.46	8.57	0.0	65.234	4.996	0.03	53.87
2.17	0.01	54.59	94.47	8.57	0.0	65.234	4.996	0.03	54.59
2.18	0.02	55.30	94.49	8.58	0.0	65.234	4.996	0.06	55.30
2.19	0.03	56.00	94.52	8.60	0.0	65.234	4.996	0.09	56.00
2.20	0.04	56.71	94.56	8.62	0.0	65.234	4.996	0.12	56.71
2.21	0.05	57.28	94.61	8.65	0.0	65.234	4.996	0.14	57.28
2.22	0.05	57.86	94.66	8.67	0.0	65.234	4.996	0.14	57.86
2.23	0.05	58.43	94.71	8.70	0.0	65.234	4.996	0.14	58.43
2.24	0.06	59.00	94.77	8.73	0.0	65.234	4.996	0.17	59.00
2.25	0.06	59.56	94.83	8.76	0.0	65.234	4.996	0.17	59.56
2.26	0.07	60.04	94.90	8.80	0.0	65.234	4.996	0.20	60.04
2.27	0.07	60.51	94.97	8.84	0.0	65.234	4.996	0.20	60.51
2.28	0.08	60.98	95.05	8.88	0.0	65.234	4.996	0.23	60.98
2.29	0.08	61.44	95.13	8.93	0.0	65.234	4.996	0.23	61.44
2.30	0.09	61.91	95.22	8.98	0.0	65.234	4.996	0.26	61.91

2.31	0.27	61.91	95.49	9.13	0.0	65.234	4.996	0.78	61.91
2.32	0.26	61.91	95.75	9.27	0.0	65.234	4.996	0.75	61.91
2.33	0.26	61.92	96.01	9.41	0.0	65.234	4.996	0.75	61.92
2.34	0.26	61.92	96.27	9.55	0.0	65.234	4.996	0.75	61.92
2.35	0.26	61.92	96.53	9.69	0.0	65.234	4.996	0.75	61.92
2.36	0.26	61.92	96.79	9.83	0.0	65.234	4.996	0.75	61.92
2.37	0.26	61.93	97.05	9.97	0.0	65.234	4.996	0.75	61.93
2.38	0.26	61.93	97.31	10.11	0.0	65.234	4.996	0.75	61.93
2.39	0.26	61.93	97.57	10.25	0.0	65.234	4.996	0.75	61.93
2.40	0.26	61.93	97.83	10.39	0.0	65.234	4.996	0.75	61.93
2.41	0.25	61.93	98.08	10.52	0.0	65.234	4.996	0.72	61.93
2.42	0.25	61.94	98.33	10.65	0.0	65.234	4.996	0.72	61.94
2.43	0.25	61.94	98.58	10.78	0.0	65.234	4.996	0.72	61.94
2.44	0.25	61.94	98.83	10.91	0.0	65.234	4.996	0.72	61.94
2.45	0.25	61.94	99.08	11.04	0.0	65.234	4.996	0.72	61.94
2.46	0.07	64.28	99.15	11.08	0.0	65.234	4.996	0.20	64.28
2.47	0.07	66.60	99.22	11.12	0.0	65.234	4.996	0.20	66.60
2.48	0.07	68.92	99.29	11.16	0.0	65.234	4.996	0.20	68.92
2.49	0.07	71.22	99.36	11.20	0.0	65.234	4.996	0.20	71.22
2.50	0.07	73.52	99.43	11.24	0.0	65.234	4.996	0.20	73.52
2.51	0.07	75.81	99.50	11.29	0.0	65.234	4.996	0.20	75.81
2.52	0.07	78.09	99.57	11.33	0.0	65.234	4.996	0.20	78.09
2.53	0.07	80.36	99.64	11.38	0.0	65.234	4.996	0.20	80.36
2.54	0.06	82.62	99.70	11.43	0.0	65.234	4.996	0.17	82.62
2.55	0.06	84.87	99.76	11.47	0.0	65.234	4.996	0.17	84.87
2.56	0.06	87.11	99.82	11.52	0.0	65.234	4.996	0.17	87.11
2.57	0.06	89.35	99.88	11.56	0.0	65.234	4.996	0.17	89.35
2.58	0.06	91.57	99.94	11.61	0.0	65.234	4.996	0.17	91.57
2.59	0.06	93.79	100.00	11.66	0.0	65.234	4.996	0.17	93.79
2.60	0.06	96.00	100.06	11.71	0.0	65.234	4.996	0.17	96.00

		CLEAN COAL ASH %	5.00	REFUSE ASH %	24.31
HEAD ASH %	11.71	CLEAN COAL YIELD%	65.23	REFUSE YIELD%	34.77
THEO. YIELD	78.40	ECART PROB. MOYEN	0.0349		
SG OF SEPARATION	1.494	IMPERFECTION	0.023		
NEAR GRAVITY MAT	86.264				
ORGANIC EFFCY.	83.21				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 30 WID: WA1 EQUIPE HMC SG-ASH 5.00 EP 0.074 SG 1.46
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM WT%	CLEAN COAL CUM ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.009	0.0	0.010	0.0	0.01
1.24	0.23	0.12	0.23	0.12	97.833	0.225	0.120	0.01	0.12
1.25	0.23	0.22	0.46	0.17	97.462	0.449	0.170	0.01	0.22
1.26	0.23	0.33	0.69	0.22	96.939	0.672	0.223	0.01	0.33
1.27	0.23	0.43	0.92	0.27	96.318	0.894	0.274	0.01	0.43
1.28	0.23	0.54	1.15	0.33	95.654	1.114	0.327	0.02	0.54
1.29	0.22	0.64	1.37	0.38	95.000	1.323	0.376	0.02	0.64
1.30	0.22	0.74	1.59	0.43	94.338	1.530	0.426	0.02	0.74
1.31	0.22	0.84	1.81	0.48	93.516	1.736	0.475	0.02	0.84
1.32	0.22	1.01	2.03	0.54	92.385	1.939	0.531	0.03	1.01
1.33	0.22	1.25	2.25	0.61	90.797	2.139	0.598	0.03	1.25
1.34	0.22	1.48	2.47	0.68	87.690	2.332	0.671	0.04	1.48
1.35	0.21	1.72	2.68	0.76	85.043	2.510	0.746	0.05	1.72
1.36	0.21	1.95	2.89	0.85	82.118	2.683	0.823	0.06	1.95
1.37	0.21	2.18	3.10	0.94	78.975	2.849	0.902	0.07	2.18
1.38	0.21	2.41	3.31	1.03	75.674	3.008	0.982	0.08	2.41
1.39	0.21	2.63	3.52	1.13	72.275	3.159	1.061	0.10	2.63
1.40	0.21	2.86	3.73	1.23	71.622	3.310	1.143	0.10	2.86
1.41	4.44	2.88	8.17	2.13	68.243	6.340	1.973	2.33	2.88
1.42	6.05	2.89	14.22	2.45	64.865	10.264	2.324	3.51	2.89
1.43	7.21	2.91	21.43	2.61	61.486	14.697	2.500	4.59	2.91
1.44	7.93	2.93	29.36	2.69	58.108	19.305	2.603	5.49	2.93
1.45	8.19	2.95	37.55	2.75	54.730	23.788	2.668	6.13	2.95
1.46	8.00	4.48	45.55	3.05	51.351	27.896	2.935	6.44	4.48
1.47	7.37	6.00	52.92	3.46	46.622	31.332	3.271	6.51	6.00
1.48	6.28	7.51	59.20	3.89	43.243	34.047	3.609	5.89	7.51
1.49	4.75	9.01	63.95	4.27	39.865	35.941	3.894	4.72	9.01
1.50	2.76	10.49	66.71	4.53	36.487	36.948	4.074	2.90	10.49
1.51	1.58	12.29	68.29	4.71	33.108	37.471	4.188	1.75	12.29
1.52	1.48	14.07	69.77	4.91	29.730	37.911	4.303	1.72	14.07
1.53	1.38	15.84	71.15	5.12	26.351	38.275	4.413	1.68	15.84
1.54	1.27	17.59	72.42	5.34	21.745	38.551	4.507	1.64	17.59
1.55	1.15	19.34	73.57	5.56	18.751	38.767	4.590	1.55	19.34
1.56	1.03	19.84	74.60	5.75	16.041	38.932	4.654	1.43	19.84
1.57	0.89	20.34	75.49	5.93	13.638	39.053	4.703	1.27	20.34
1.58	0.75	20.83	76.24	6.07	11.565	39.140	4.739	1.10	20.83
1.59	0.59	21.33	76.83	6.19	9.844	39.198	4.763	0.88	21.33
1.60	0.43	21.82	77.26	6.28	8.571	39.235	4.779	0.65	21.82
1.61	0.35	22.63	77.61	6.35	7.414	39.261	4.791	0.54	22.63
1.62	0.37	23.45	77.98	6.43	6.504	39.285	4.803	0.57	23.45
1.63	0.37	24.26	78.35	6.52	5.815	39.306	4.813	0.58	24.26
1.64	0.37	25.06	78.72	6.60	5.323	39.326	4.823	0.58	25.06
1.65	0.36	25.86	79.08	6.69	5.000	39.344	4.833	0.57	25.86
1.66	0.34	26.51	79.42	6.78	4.751	39.360	4.842	0.54	26.51
1.67	0.32	27.17	79.74	6.86	4.499	39.375	4.850	0.51	27.17
1.68	0.28	27.81	80.02	6.93	4.246	39.387	4.857	0.44	27.81
1.69	0.24	28.46	80.26	7.00	3.995	39.396	4.863	0.38	28.46
1.70	0.20	29.10	80.46	7.06	3.747	39.404	4.867	0.32	29.10

1.71	0.17	29.68	80.63	7.10	3.506	39.410	4.871	0.27	29.68
1.72	0.16	30.26	80.79	7.14	3.273	39.415	4.875	0.26	30.26
1.73	0.15	30.83	80.94	7.19	3.052	39.419	4.878	0.24	30.83
1.74	0.15	31.40	81.09	7.23	2.845	39.424	4.880	0.24	31.40
1.75	0.14	31.97	81.23	7.28	2.653	39.427	4.883	0.23	31.97
1.76	0.14	32.53	81.37	7.32	2.480	39.431	4.885	0.23	32.53
1.77	0.13	33.09	81.50	7.36	2.329	39.434	4.888	0.21	33.09
1.78	0.13	33.65	81.63	7.40	2.201	39.437	4.890	0.21	33.65
1.79	0.13	34.20	81.76	7.44	2.099	39.439	4.892	0.21	34.20
1.80	0.12	34.75	81.88	7.48	2.025	39.442	4.893	0.19	34.75
1.81	0.12	35.30	82.00	7.53	1.983	39.444	4.895	0.19	35.30
1.82	0.12	35.85	82.12	7.57	1.957	39.447	4.897	0.19	35.85
1.83	0.12	36.39	82.24	7.61	1.914	39.449	4.899	0.19	36.39
1.84	0.11	36.93	82.35	7.65	1.871	39.451	4.901	0.18	36.93
1.85	0.11	37.46	82.46	7.69	1.828	39.453	4.902	0.18	37.46
1.86	0.11	38.00	82.57	7.73	1.785	39.455	4.904	0.18	38.00
1.87	0.11	38.53	82.68	7.77	1.742	39.457	4.906	0.18	38.53
1.88	0.11	39.06	82.79	7.81	1.698	39.459	4.907	0.18	39.06
1.89	0.11	39.58	82.90	7.85	1.655	39.461	4.909	0.18	39.58
1.90	0.11	40.10	83.01	7.90	1.612	39.462	4.910	0.18	40.10
1.91	0.11	40.88	83.12	7.94	1.570	39.464	4.912	0.18	40.88
1.92	0.12	41.65	83.24	7.99	1.527	39.466	4.914	0.20	41.65
1.93	0.12	42.41	83.36	8.04	1.485	39.468	4.915	0.20	42.41
1.94	0.12	43.17	83.48	8.09	1.443	39.469	4.917	0.20	43.17
1.95	0.12	43.93	83.60	8.14	1.401	39.471	4.919	0.20	43.93
1.96	0.13	44.69	83.73	8.20	1.360	39.473	4.920	0.21	44.69
1.97	0.13	45.44	83.86	8.25	1.319	39.475	4.922	0.21	45.44
1.98	0.13	46.18	83.99	8.31	1.279	39.476	4.924	0.21	46.18
1.99	0.14	46.93	84.13	8.38	1.239	39.478	4.926	0.23	46.93
2.00	0.14	47.66	84.27	8.44	1.200	39.480	4.928	0.23	47.66
2.01	0.15	48.40	84.42	8.51	1.161	39.481	4.930	0.25	48.40
2.02	0.15	49.13	84.57	8.59	1.124	39.483	4.931	0.25	49.13
2.03	0.16	49.86	84.73	8.66	1.086	39.485	4.933	0.26	49.86
2.04	0.17	50.58	84.90	8.75	1.050	39.487	4.936	0.28	50.58
2.05	0.17	51.30	85.07	8.83	1.014	39.488	4.938	0.28	51.30
2.06	0.18	52.02	85.25	8.92	0.965	39.490	4.940	0.29	52.02
2.07	0.19	52.73	85.44	9.02	0.930	39.492	4.942	0.31	52.73
2.08	0.20	53.45	85.64	9.12	0.894	39.494	4.944	0.33	53.45
2.09	0.21	54.15	85.85	9.23	0.859	39.495	4.946	0.34	54.15
2.10	0.21	54.86	86.06	9.35	0.823	39.497	4.948	0.34	54.86
2.11	0.31	55.33	86.37	9.51	0.787	39.500	4.951	0.51	55.33
2.12	0.31	55.80	86.68	9.68	0.751	39.502	4.954	0.51	55.80
2.13	0.31	56.26	86.99	9.84	0.716	39.504	4.957	0.51	56.26
2.14	0.31	56.73	87.30	10.01	0.680	39.506	4.960	0.51	56.73
2.15	0.30	57.19	87.60	10.17	0.644	39.508	4.963	0.49	57.19
2.16	0.30	57.65	87.90	10.33	0.608	39.510	4.965	0.49	57.65
2.17	0.30	58.11	88.20	10.50	0.573	39.512	4.967	0.49	58.11
2.18	0.30	58.57	88.50	10.66	0.538	39.513	4.970	0.49	58.57
2.19	0.30	59.02	88.80	10.82	0.502	39.515	4.972	0.49	59.02
2.20	0.30	59.47	89.10	10.99	0.468	39.516	4.974	0.49	59.47
2.21	0.30	59.92	89.40	11.15	0.433	39.518	4.975	0.49	59.92
2.22	0.29	60.37	89.69	11.31	0.399	39.519	4.977	0.48	60.37
2.23	0.29	60.81	89.98	11.47	0.364	39.520	4.979	0.48	60.81
2.24	0.29	61.26	90.27	11.63	0.331	39.521	4.980	0.48	61.26
2.25	0.29	61.70	90.56	11.79	0.297	39.522	4.981	0.48	61.70
2.26	0.29	62.14	90.85	11.95	0.264	39.522	4.982	0.48	62.14
2.27	0.29	62.58	91.14	12.11	0.232	39.523	4.983	0.48	62.58
2.28	0.29	63.01	91.43	12.27	0.200	39.524	4.984	0.48	63.01
2.29	0.29	63.45	91.72	12.43	0.168	39.524	4.985	0.48	63.45
2.30	0.28	63.88	92.00	12.59	0.137	39.524	4.985	0.46	63.88

2.31	0.28	64.31	92.28	12.75	0.107	39.525	4.986	0.46	64.31
2.32	0.28	64.74	92.56	12.90	0.077	39.525	4.986	0.46	64.74
2.33	0.28	65.17	92.84	13.06	0.048	39.525	4.986	0.46	65.17
2.34	0.28	65.59	93.12	13.22	0.020	39.525	4.986	0.46	65.59
2.35	0.28	66.01	93.40	13.38	0.0	39.525	4.986	0.46	66.01
2.36	0.28	67.27	93.68	13.54	0.0	39.525	4.986	0.46	67.27
2.37	0.28	68.53	93.96	13.70	0.0	39.525	4.986	0.46	68.53
2.38	0.27	69.78	94.23	13.86	0.0	39.525	4.986	0.45	69.78
2.39	0.27	71.02	94.50	14.03	0.0	39.525	4.986	0.45	71.02
2.40	0.27	72.26	94.77	14.19	0.0	39.525	4.986	0.45	72.26
2.41	0.27	73.49	95.04	14.36	0.0	39.525	4.986	0.45	73.49
2.42	0.27	74.72	95.31	14.53	0.0	39.525	4.986	0.45	74.72
2.43	0.27	75.94	95.58	14.71	0.0	39.525	4.986	0.45	75.94
2.44	0.27	77.16	95.85	14.88	0.0	39.525	4.986	0.45	77.16
2.45	0.27	78.37	96.12	15.06	0.0	39.525	4.986	0.45	78.37
2.46	0.27	79.58	96.39	15.24	0.0	39.525	4.986	0.45	79.58
2.47	0.26	80.79	96.65	15.42	0.0	39.525	4.986	0.43	80.79
2.48	0.26	81.98	96.91	15.60	0.0	39.525	4.986	0.43	81.98
2.49	0.26	83.18	97.17	15.78	0.0	39.525	4.986	0.43	83.18
2.50	0.26	84.37	97.43	15.96	0.0	39.525	4.986	0.43	84.37
2.51	0.26	85.55	97.69	16.14	0.0	39.525	4.986	0.43	85.55
2.52	0.26	86.73	97.95	16.33	0.0	39.525	4.986	0.43	86.73
2.53	0.26	87.90	98.21	16.52	0.0	39.525	4.986	0.43	87.90
2.54	0.26	89.08	98.47	16.71	0.0	39.525	4.986	0.43	89.08
2.55	0.26	90.24	98.73	16.91	0.0	39.525	4.986	0.43	90.24
2.56	0.25	91.40	98.98	17.09	0.0	39.525	4.986	0.41	91.40
2.57	0.25	92.56	99.23	17.29	0.0	39.525	4.986	0.41	92.56
2.58	0.25	93.71	99.48	17.48	0.0	39.525	4.986	0.41	93.71
2.59	0.25	94.86	99.73	17.67	0.0	39.525	4.986	0.41	94.86
2.60	0.25	96.00	99.98	17.87	0.0	39.525	4.986	0.41	96.00

		CLEAN COAL ASH %	4.99	REFUSE ASH %	26.29
HEAD ASH %	17.87	CLEAN COAL YIELD%	39.53	REFUSE YIELD%	60.47
THEO. YIELD	70.28	ECART PROB. MOYEN	0.0740		
SG OF SEPARATION	1.524	IMPERFECTION	0.051		
NEAR GRAVITY MAT	61.234				
ORGANIC EFFCY.	56.24				

Yield Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : DATA SET CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN LOS

MINE PERIOD : PROPERTY

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
LR	DDH82005	30	WA1	12.27	47.507858	5.00	62.91	29.887619	24.60	37.09	17.620239
TOTALS				12.27	47.507858	5.00	62.91	29.887619	24.60	37.09	17.620239

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : FRACTION CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN LOS

MINE PERIOD : PROPERTY

FRACTION SIZE (MM) 10.00 X 0.60 FLOAT EQUIPEMENT HMC SG 1.50

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
LR	DDH82005	30	WA1	11.71	43.215103	5.00	65.23	28.190903	24.31	34.77	15.024200
				11.71	43.215103	5.00	65.23	28.190903	24.31	34.77	15.024200

FRACTION SIZE (MM) 0.60 X 0.15 FLOAT EQUIPEMENT HMC SG 1.46

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
LR	DDH82005	30	WA1	17.87	4.292761	4.99	39.53	1.696720	26.29	60.47	2.596041
				17.87	4.292761	4.99	39.53	1.696720	26.29	60.47	2.596041
TOTALS				12.27	47.507858	5.00	62.91	29.887619	24.60	37.09	17.620239

Averaged Quality Data Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN LOS

MINE PERIOD : PROPERTY

DATA SOURCE / ELEMENT NO.	SID	RM 1008	ASH 1009	VM 1010	FC 1011	TS 1012	HGI 1019	C 1805	H 1806	N 1807	O 1808
KPNLRDDH82005	'30	0.480	4.996	5.163	89.361	0.390	33.000	89.448	2.780	1.168	0.735
QUALITY		0.480	4.996	5.163	89.361	0.390	33.000	89.018	2.767	1.163	0.732

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN LOS

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO	SID	SIO2 1504	AL23 1505	FE23 1506	CAO 1507	MGO 1508	TIO2 1509	NA2O 1510	K2O 1511	SO3 1512	P2O5 1513
KPNLRDDH82005	30	49.140	30.500	2.700	3.690	0.380	1.200	1.220	0.830	0.940	3.810
QUALITY		49.140	30.500	2.700	3.690	0.380	1.200	1.220	0.830	0.940	3.810

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN LOS

MINE PERIOD : PROPERTY

DATA SOURCE	SID	OIT	OST	OHT	OFT	RIT	RST	RHT	RFT
ELEMENT NO.:		1404	1405	1406	1407	1408	1409	1410	1411
KPNLRDDH82005	30	1230.000	1435.000	1475.000	1500.000	1230.000	1425.000	1460.000	1500.000
QUALITY		1230.000	1435.000	1475.000	1500.000	1230.000	1425.000	1460.000	1500.000

ASTERIKS MEANS NO VALUE

Property

Low Ash Premium Coal Product

Washability Data

Individual Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLR00H82005 SAMPLE ID 30 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 87.18 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.26	0.81	0.26	0.81	99.74	11.73
1.35	0.18	2.02	0.44	1.30	99.56	11.75
1.40	0.17	3.05	0.61	1.80	99.39	11.77
1.45	43.42	3.65	44.03	3.62	55.97	18.06
1.50	35.90	6.91	79.93	5.10	20.07	38.02
1.55	4.75	14.80	84.68	5.64	15.32	45.21
1.60	2.32	20.03	87.00	6.03	13.00	49.71
1.65	0.94	24.11	87.94	6.22	12.06	51.70
1.70	0.91	29.04	88.85	6.45	11.15	53.56
1.80	1.75	35.16	90.60	7.01	9.40	56.98
1.90	1.24	39.71	91.84	7.45	8.16	59.61
2.60	8.16	59.61	100.00	11.71	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 30 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.66 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	1.59	0.43	1.59	0.43	98.41	18.15
1.35	1.09	1.26	2.68	0.77	97.32	18.34
1.40	1.05	2.40	3.73	1.22	96.27	18.51
1.45	33.82	2.92	37.55	2.75	62.45	26.96
1.50	29.17	6.82	66.72	4.53	33.28	44.61
1.55	6.87	15.55	73.59	5.56	26.41	52.16
1.60	3.68	20.63	77.27	6.28	22.73	57.27
1.65	1.83	24.26	79.10	6.69	20.90	60.15
1.70	1.38	27.64	80.48	7.05	19.52	62.46
1.80	1.42	32.08	81.90	7.48	18.10	64.83
1.90	1.14	37.69	83.04	7.90	16.96	66.66
2.60	16.96	66.66	100.00	17.87	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 46 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 62.74 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM FLOATS WT%	CUM FLOATS ASH%	CUM SINKS WT%	CUM SINKS ASH%
1.30	4.09	0.43	4.09	0.43	95.91	18.08
1.35	6.88	1.96	10.97	1.39	89.03	19.33
1.40	10.64	5.26	21.61	3.29	78.39	21.24
1.45	17.60	6.91	39.21	4.92	60.79	25.39
1.50	17.17	10.00	56.38	6.46	43.62	31.44
1.55	10.80	15.23	67.18	7.87	32.82	36.78
1.60	7.41	19.33	74.59	9.01	25.41	41.87
1.65	4.68	23.26	79.27	9.85	20.73	46.08
1.70	2.95	26.10	82.22	10.44	17.78	49.38
1.80	2.81	29.83	85.03	11.08	14.97	53.05
1.90	2.24	35.11	87.27	11.69	12.73	56.21
2.60	12.73	56.21	100.00	17.36	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCODH82006 SAMPLE ID 46 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 21.52 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	8.15	1.00	8.15	1.00	91.85	11.85
1.35	5.56	2.52	13.71	1.62	86.29	12.45
1.40	5.35	3.93	19.06	2.26	80.94	13.02
1.45	25.06	4.64	44.12	3.61	55.88	16.77
1.50	23.51	7.25	67.63	4.88	32.37	23.68
1.55	11.35	12.43	78.98	5.96	21.02	29.76
1.60	6.72	16.02	85.70	6.75	14.30	36.22
1.65	3.47	19.31	89.17	7.24	10.83	41.64
1.70	2.33	22.41	91.50	7.63	8.50	46.91
1.80	2.17	26.95	93.67	8.08	6.33	53.75
1.90	0.84	32.14	94.51	8.29	5.49	57.04
2.60	5.49	57.04	100.00	10.97	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 2 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 73.40 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	5.94	0.01	5.94	0.01	94.06	25.38
1.35	6.57	1.22	12.52	0.65	87.48	27.20
1.40	8.64	4.90	21.16	2.38	78.84	29.64
1.45	18.06	7.90	39.22	4.92	60.78	36.10
1.50	16.07	11.99	55.29	6.98	44.71	44.77
1.55	6.32	18.03	61.61	8.11	38.39	49.17
1.60	4.05	22.62	65.66	9.01	34.34	52.30
1.65	2.93	26.86	68.59	9.77	31.41	54.68
1.70	2.42	30.56	71.01	10.48	28.99	56.69
1.80	3.38	34.97	74.39	11.59	25.61	59.56
1.90	2.41	39.47	76.80	12.47	23.20	61.64
2.60	23.20	61.84	100.00	23.87	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 2 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.23 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	22.24	0.57	22.24	0.57	77.76	24.54
1.35	13.51	2.06	35.75	1.13	64.25	29.26
1.40	10.11	4.72	45.86	1.92	54.14	33.84
1.45	7.59	7.21	53.45	2.68	46.55	38.19
1.50	7.01	10.26	60.46	3.55	39.54	43.14
1.55	7.04	13.33	67.50	4.57	32.50	49.59
1.60	5.99	17.61	73.49	5.64	26.51	56.82
1.65	3.15	23.43	76.64	6.37	23.36	61.33
1.70	1.43	27.84	78.07	6.76	21.93	63.51
1.80	2.41	32.29	80.48	7.53	19.52	67.36
1.90	1.63	37.47	82.11	8.12	17.89	70.08
2.60	17.89	70.08	100.00	19.21	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 5 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 71.79 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	6.90	1.14	6.90	1.14	93.10	19.12
1.35	4.70	2.79	11.60	1.81	88.40	19.99
1.40	4.53	4.07	16.13	2.44	83.87	20.85
1.45	19.63	5.64	35.76	4.20	64.24	25.50
1.50	19.29	9.89	55.05	6.19	44.95	32.20
1.55	12.47	15.83	67.52	7.97	32.48	38.49
1.60	8.54	20.65	76.06	9.99	23.94	44.86
1.65	4.93	26.08	80.99	10.41	19.01	49.73
1.70	3.23	30.23	84.22	11.17	15.78	53.72
1.80	3.63	35.01	87.85	12.16	12.15	59.30
1.90	2.65	41.13	90.50	13.00	9.50	64.37
2.60	9.50	64.38	100.00	17.88	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDOHB2001 SAMPLE ID 5 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.65 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	5.34	0.33	5.34	0.33	94.66	15.31
1.35	7.94	1.31	13.28	0.92	86.72	16.60
1.40	11.48	3.33	24.76	2.03	75.24	18.62
1.45	19.51	4.62	44.27	3.17	55.73	23.52
1.50	18.37	7.38	62.64	4.41	37.36	31.46
1.55	9.63	12.04	72.27	5.42	27.73	38.21
1.60	6.19	16.29	78.46	6.28	21.54	44.50
1.65	4.04	21.13	82.50	7.01	17.50	49.90
1.70	2.76	24.39	85.26	7.57	14.74	54.67
1.80	2.80	28.36	88.06	8.23	11.94	60.84
1.90	2.16	36.30	90.22	8.90	9.78	66.26
2.60	9.78	66.26	100.00	14.51	0.00	0.00

Washability Data

Blended Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

---------FLOAT---------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 73.16 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.85	0.78	3.85	0.78	96.15	16.80
1.35	3.98	2.17	7.83	1.49	92.17	17.43
1.40	5.16	4.87	12.99	2.83	87.01	18.18
1.45	26.73	4.94	39.73	4.25	60.27	24.05
1.50	23.88	8.55	63.61	5.86	36.39	34.23
1.55	8.97	15.57	72.58	7.06	27.42	40.33
1.60	5.82	20.20	78.40	8.04	21.60	45.76
1.65	3.39	24.85	81.80	8.74	18.20	49.66
1.70	2.32	28.62	84.12	9.29	15.88	52.73
1.80	2.76	33.54	86.88	10.06	13.12	56.77
1.90	2.05	38.83	88.93	10.72	11.07	60.10
2.60	11.07	60.10	100.00	16.19	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 16.42 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	7.42	0.71	7.42	0.71	92.58	14.91
1.35	6.38	1.90	13.80	1.26	86.20	15.87
1.40	7.19	3.66	20.99	2.08	79.01	16.98
1.45	23.00	4.34	43.99	3.26	56.01	22.17
1.50	21.22	7.29	65.21	4.57	34.79	31.25
1.55	9.76	12.67	74.97	5.63	25.03	38.50
1.60	6.04	16.65	81.01	6.45	18.99	45.45
1.65	3.40	20.75	84.41	7.02	15.59	50.83
1.70	2.26	23.97	86.67	7.47	13.33	55.39
1.80	2.29	28.46	88.97	8.01	11.03	60.99
1.90	1.39	35.50	90.36	8.43	9.64	64.68
2.60	9.64	64.68	100.00	13.85	0.00	0.00

Washability Data

Blended Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT : KPN MINE PERIOD PROPERTY EQUIPEMENT HMC SG-ASH 5.00 EP 0.033 SG 1.44

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 73.16 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.053	0.0	0.010	0.0	0.01
1.24	0.44	0.13	0.44	0.13	98.947	0.439	0.132	0.01	0.13
1.25	0.48	0.25	0.92	0.20	98.896	0.912	0.195	0.01	0.25
1.26	0.51	0.37	1.43	0.26	98.795	1.419	0.259	0.01	0.37
1.27	0.55	0.60	1.98	0.35	98.695	1.960	0.353	0.01	0.60
1.28	0.58	0.93	2.57	0.48	98.596	2.537	0.484	0.01	0.93
1.29	0.62	1.25	3.19	0.63	98.499	3.149	0.633	0.01	1.25
1.30	0.66	1.58	3.85	0.80	98.401	3.796	0.794	0.02	1.58
1.31	0.80	1.58	4.65	0.93	98.303	4.582	0.929	0.02	1.58
1.32	0.87	1.58	5.52	1.03	98.204	5.439	1.031	0.02	1.58
1.33	0.92	1.95	6.44	1.16	98.103	6.338	1.162	0.03	1.95
1.34	0.70	2.69	7.14	1.31	98.000	7.027	1.312	0.02	2.69
1.35	0.69	3.43	7.83	1.50	97.310	7.701	1.497	0.03	3.43
1.36	0.23	4.02	8.06	1.57	95.903	7.923	1.567	0.01	4.02
1.37	0.20	4.61	8.27	1.65	93.331	8.114	1.639	0.02	4.61
1.38	0.26	4.90	8.53	1.75	90.000	8.350	1.731	0.04	4.90
1.39	1.75	4.90	10.28	2.28	84.301	9.822	2.206	0.43	4.90
1.40	2.72	4.90	12.99	2.83	77.256	11.921	2.681	0.96	4.90
1.41	8.83	4.90	21.82	3.67	69.670	18.074	3.437	4.16	4.90
1.42	13.35	4.90	35.18	4.14	67.424	27.077	3.924	6.75	4.90
1.43	4.41	5.17	39.58	4.25	59.848	29.714	4.035	2.75	5.17
1.44	0.07	5.71	39.66	4.26	52.273	29.753	4.037	0.06	5.71
1.45	0.07	6.24	39.73	4.26	42.424	29.781	4.039	0.06	6.24
1.46	5.15	6.58	44.88	4.53	34.848	31.577	4.184	5.21	6.58
1.47	5.25	6.92	50.13	4.78	27.273	33.008	4.303	5.93	6.92
1.48	5.06	8.12	55.19	5.08	18.027	33.921	4.405	6.44	8.12
1.49	4.59	10.16	59.78	5.47	12.490	34.494	4.501	6.23	10.16
1.50	3.83	12.19	63.61	5.88	8.733	34.829	4.575	5.43	12.19
1.51	2.88	13.71	66.49	6.22	7.162	35.035	4.628	4.16	13.71
1.52	2.09	15.22	68.59	6.49	5.564	35.152	4.664	3.07	15.22
1.53	1.55	16.36	70.13	6.71	4.863	35.227	4.689	2.29	16.36
1.54	1.25	17.12	71.38	6.89	4.440	35.282	4.708	1.85	17.12
1.55	1.20	17.88	72.58	7.07	3.876	35.329	4.725	1.79	17.88
1.56	1.28	18.57	73.86	7.27	3.336	35.372	4.742	1.92	18.57
1.57	1.29	19.25	75.15	7.48	2.850	35.408	4.757	1.94	19.25
1.58	1.23	20.18	76.38	7.68	2.444	35.438	4.770	1.86	20.18
1.59	1.11	21.36	77.49	7.88	2.149	35.462	4.781	1.68	21.36
1.60	0.92	22.53	78.40	8.05	1.904	35.480	4.790	1.40	22.53
1.61	0.78	23.30	79.19	8.20	1.807	35.494	4.797	1.19	23.30
1.62	0.74	24.06	79.92	8.35	1.711	35.506	4.804	1.12	24.06
1.63	0.69	24.93	80.61	8.49	1.616	35.517	4.811	1.05	24.93
1.64	0.63	25.91	81.24	8.62	1.519	35.527	4.816	0.96	25.91
1.65	0.56	26.88	81.80	8.75	1.425	35.535	4.821	0.86	26.88
1.66	0.53	27.40	82.32	8.87	1.333	35.542	4.826	0.81	27.40
1.67	0.52	27.93	82.84	8.98	1.243	35.548	4.830	0.79	27.93
1.68	0.48	28.63	83.32	9.10	1.156	35.554	4.834	0.74	28.63
1.69	0.43	29.51	83.76	9.20	1.072	35.559	4.837	0.67	29.51
1.70	0.36	30.38	84.12	9.30	0.992	35.562	4.839	0.56	30.38

1.71	0.32	31.02	84.44	9.38	0.921	35.565	4.842	0.49	31.02
1.72	0.31	31.65	84.75	9.46	0.841	35.568	4.844	0.48	31.65
1.73	0.30	32.29	85.05	9.54	0.761	35.570	4.845	0.47	32.29
1.74	0.29	32.92	85.35	9.62	0.680	35.572	4.847	0.45	32.92
1.75	0.28	33.54	85.63	9.70	0.600	35.574	4.848	0.44	33.54
1.76	0.27	34.08	85.90	9.78	0.521	35.575	4.849	0.42	34.08
1.77	0.26	34.61	86.17	9.85	0.442	35.576	4.850	0.41	34.61
1.78	0.25	35.14	86.42	9.93	0.365	35.577	4.851	0.39	35.14
1.79	0.24	35.67	86.66	10.00	0.290	35.578	4.852	0.37	35.67
1.80	0.23	36.19	86.88	10.07	0.216	35.578	4.852	0.35	36.19
1.81	0.22	36.66	87.10	10.13	0.146	35.579	4.852	0.34	36.66
1.82	0.22	37.12	87.32	10.20	0.078	35.579	4.853	0.34	37.12
1.83	0.22	37.59	87.54	10.27	0.013	35.579	4.853	0.34	37.59
1.84	0.21	38.04	87.75	10.34	0.0	35.579	4.853	0.33	38.04
1.85	0.21	38.50	87.96	10.40	0.0	35.579	4.853	0.33	38.50
1.86	0.21	39.10	88.17	10.47	0.0	35.579	4.853	0.32	39.10
1.87	0.20	39.70	88.37	10.54	0.0	35.579	4.853	0.31	39.70
1.88	0.20	40.30	88.56	10.60	0.0	35.579	4.853	0.30	40.30
1.89	0.19	40.89	88.75	10.67	0.0	35.579	4.853	0.29	40.89
1.90	0.18	41.48	88.93	10.73	0.0	35.579	4.853	0.28	41.48
1.91	0.18	41.82	89.11	10.79	0.0	35.579	4.853	0.27	41.82
1.92	0.18	42.17	89.29	10.85	0.0	35.579	4.853	0.27	42.17
1.93	0.18	42.51	89.46	10.92	0.0	35.579	4.853	0.27	42.51
1.94	0.18	42.85	89.64	10.98	0.0	35.579	4.853	0.27	42.85
1.95	0.18	43.18	89.81	11.04	0.0	35.579	4.853	0.27	43.18
1.96	0.17	43.52	89.99	11.10	0.0	35.579	4.853	0.27	43.52
1.97	0.17	43.85	90.16	11.17	0.0	35.579	4.853	0.27	43.85
1.98	0.17	44.19	90.34	11.23	0.0	35.579	4.853	0.27	44.19
1.99	0.17	44.52	90.51	11.29	0.0	35.579	4.853	0.27	44.52
2.00	0.17	44.85	90.68	11.36	0.0	35.579	4.853	0.27	44.85
2.01	0.17	45.17	90.85	11.42	0.0	35.579	4.853	0.27	45.17
2.02	0.17	45.50	91.03	11.49	0.0	35.579	4.853	0.27	45.50
2.03	0.17	45.82	91.20	11.55	0.0	35.579	4.853	0.27	45.82
2.04	0.17	46.15	91.37	11.62	0.0	35.579	4.853	0.27	46.15
2.05	0.17	46.47	91.54	11.68	0.0	35.579	4.853	0.26	46.47
2.06	0.17	46.79	91.71	11.75	0.0	35.579	4.853	0.26	46.79
2.07	0.17	47.11	91.88	11.81	0.0	35.579	4.853	0.26	47.11
2.08	0.17	47.42	92.05	11.88	0.0	35.579	4.853	0.26	47.42
2.09	0.17	47.74	92.22	11.94	0.0	35.579	4.853	0.26	47.74
2.10	0.17	48.05	92.38	12.01	0.0	35.579	4.853	0.26	48.05
2.11	0.17	48.36	92.55	12.07	0.0	35.579	4.853	0.26	48.36
2.12	0.17	48.67	92.72	12.14	0.0	35.579	4.853	0.26	48.67
2.13	0.17	48.98	92.88	12.21	0.0	35.579	4.853	0.26	48.98
2.14	0.17	49.29	93.05	12.27	0.0	35.579	4.853	0.26	49.29
2.15	0.17	49.60	93.22	12.34	0.0	35.579	4.853	0.26	49.60
2.16	0.16	49.90	93.38	12.40	0.0	35.579	4.853	0.26	49.90
2.17	0.16	50.20	93.54	12.47	0.0	35.579	4.853	0.25	50.20
2.18	0.16	50.51	93.71	12.54	0.0	35.579	4.853	0.25	50.51
2.19	0.16	50.81	93.87	12.60	0.0	35.579	4.853	0.25	50.81
2.20	0.16	51.11	94.03	12.67	0.0	35.579	4.853	0.25	51.11
2.21	0.16	51.40	94.20	12.74	0.0	35.579	4.853	0.25	51.40
2.22	0.16	51.70	94.36	12.80	0.0	35.579	4.853	0.25	51.70
2.23	0.16	52.00	94.52	12.87	0.0	35.579	4.853	0.25	52.00
2.24	0.16	52.29	94.68	12.94	0.0	35.579	4.853	0.25	52.29
2.25	0.16	52.58	94.84	13.00	0.0	35.579	4.853	0.25	52.58
2.26	0.16	53.91	95.00	13.07	0.0	35.579	4.853	0.25	53.91
2.27	0.16	55.24	95.15	13.14	0.0	35.579	4.853	0.25	55.24
2.28	0.16	56.56	95.31	13.21	0.0	35.579	4.853	0.24	56.56
2.29	0.16	57.87	95.47	13.29	0.0	35.579	4.853	0.24	57.87
2.30	0.16	59.18	95.63	13.36	0.0	35.579	4.853	0.24	59.18

2.31	0.16	60.49	95.78	13.44	0.0	35.579	4.853	0.24	60.49
2.32	0.16	61.78	95.94	13.52	0.0	35.579	4.853	0.24	61.78
2.33	0.15	63.07	96.09	13.60	0.0	35.579	4.853	0.24	63.07
2.34	0.15	64.36	96.25	13.68	0.0	35.579	4.853	0.24	64.36
2.35	0.15	65.64	96.40	13.76	0.0	35.579	4.853	0.24	65.64
2.36	0.15	66.92	96.55	13.84	0.0	35.579	4.853	0.24	66.92
2.37	0.15	68.19	96.70	13.93	0.0	35.579	4.853	0.24	68.19
2.38	0.15	69.45	96.85	14.02	0.0	35.579	4.853	0.23	69.45
2.39	0.15	70.71	97.01	14.10	0.0	35.579	4.853	0.23	70.71
2.40	0.15	71.96	97.16	14.19	0.0	35.579	4.853	0.23	71.96
2.41	0.15	73.21	97.30	14.28	0.0	35.579	4.853	0.23	73.21
2.42	0.15	74.46	97.45	14.38	0.0	35.579	4.853	0.23	74.46
2.43	0.15	75.69	97.60	14.47	0.0	35.579	4.853	0.23	75.69
2.44	0.15	76.93	97.75	14.56	0.0	35.579	4.853	0.23	76.93
2.45	0.15	78.16	97.89	14.66	0.0	35.579	4.853	0.23	78.16
2.46	0.15	79.38	98.04	14.75	0.0	35.579	4.853	0.23	79.38
2.47	0.14	80.60	98.18	14.85	0.0	35.579	4.853	0.22	80.60
2.48	0.14	81.81	98.33	14.95	0.0	35.579	4.853	0.22	81.81
2.49	0.14	83.02	98.47	15.05	0.0	35.579	4.853	0.22	83.02
2.50	0.14	84.22	98.62	15.15	0.0	35.579	4.853	0.22	84.22
2.51	0.14	85.42	98.76	15.25	0.0	35.579	4.853	0.22	85.42
2.52	0.14	86.61	98.90	15.35	0.0	35.579	4.853	0.22	86.61
2.53	0.14	87.80	99.04	15.45	0.0	35.579	4.853	0.22	87.80
2.54	0.14	88.99	99.18	15.56	0.0	35.579	4.853	0.22	88.99
2.55	0.14	90.17	99.32	15.66	0.0	35.579	4.853	0.22	90.17
2.56	0.14	91.34	99.46	15.77	0.0	35.579	4.853	0.21	91.34
2.57	0.14	92.51	99.59	15.87	0.0	35.579	4.853	0.21	92.51
2.58	0.14	93.68	99.73	15.98	0.0	35.579	4.853	0.21	93.68
2.59	0.14	94.84	99.87	16.09	0.0	35.579	4.853	0.21	94.84
2.60	0.13	96.00	100.00	16.20	0.0	35.579	4.853	0.21	96.00

RELATIVE WT %	73.16	CLEAN COAL ASH %	4.85	REFUSE ASH %	22.46
HEAD ASH %	16.20	CLEAN COAL YIELD%	35.58	REFUSE YIELD%	64.42
RAW COAL TON.	131.712952	CLEAN COAL TON.	46.862061	REFUSE TON.	84.850891
THEO. YIELD	51.39	ECART PROB. MOYEN	0.0330		
SG OF SEPARATION	1.472	IMPERFECTION	0.023		
NEAR GRAVITY MAT	67.122				
ORGANIC EFFCY.	69.24				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY EQUIPEMENT HMC SG-ASH 5.00 EP 0.075 SG 1.47

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 16.42 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.018	0.0	0.010	0.0	0.01
1.24	0.97	0.15	0.97	0.15	97.973	0.947	0.147	0.04	0.15
1.25	0.99	0.28	1.96	0.22	97.833	1.920	0.216	0.04	0.28
1.26	1.02	0.42	2.99	0.28	97.459	2.918	0.285	0.05	0.42
1.27	1.06	0.62	4.04	0.37	96.934	3.942	0.371	0.06	0.62
1.28	1.09	0.88	5.13	0.48	96.313	4.992	0.478	0.08	0.88
1.29	1.13	1.14	6.26	0.60	95.650	6.069	0.596	0.09	1.14
1.30	1.16	1.40	7.42	0.73	95.000	7.174	0.721	0.11	1.40
1.31	1.21	1.43	8.63	0.82	94.360	8.319	0.818	0.13	1.43
1.32	1.26	1.45	9.90	0.90	93.683	9.503	0.897	0.15	1.45
1.33	1.29	1.71	11.19	1.00	92.510	10.701	0.988	0.18	1.71
1.34	1.31	2.22	12.50	1.13	90.984	11.889	1.111	0.22	2.22
1.35	1.30	2.72	13.80	1.28	87.675	13.026	1.252	0.30	2.72
1.36	1.18	3.08	14.98	1.42	85.012	14.030	1.383	0.34	3.08
1.37	1.11	3.43	16.09	1.56	82.078	14.939	1.507	0.38	3.43
1.38	1.24	3.69	17.32	1.71	78.940	15.915	1.641	0.49	3.69
1.39	1.57	3.85	18.89	1.89	75.665	17.102	1.794	0.72	3.85
1.40	2.10	4.01	20.99	2.10	71.667	18.608	1.974	1.13	4.01
1.41	4.51	4.01	25.50	2.44	68.333	21.689	2.264	2.71	4.01
1.42	6.24	4.02	31.74	2.75	65.000	25.744	2.540	4.14	4.02
1.43	7.18	4.30	38.92	3.03	61.667	30.169	2.798	5.22	4.30
1.44	2.65	4.86	41.57	3.15	58.333	31.718	2.899	2.10	4.86
1.45	2.42	5.43	43.99	3.28	55.000	33.050	3.001	2.07	5.43
1.46	4.46	5.69	48.45	3.50	51.667	35.354	3.176	4.09	5.69
1.47	4.49	5.96	52.94	3.71	48.333	37.526	3.337	4.40	5.96
1.48	4.39	6.88	57.33	3.95	46.667	39.573	3.521	4.44	6.88
1.49	4.14	8.46	61.47	4.25	43.333	41.365	3.735	4.45	8.46
1.50	3.75	10.03	65.21	4.59	40.000	42.864	3.955	4.26	10.03
1.51	3.04	11.16	68.26	4.88	36.667	43.979	4.138	3.65	11.16
1.52	2.27	12.29	70.52	5.12	33.333	44.735	4.275	2.87	12.29
1.53	1.72	13.21	72.25	5.31	30.000	45.253	4.378	2.29	13.21
1.54	1.41	13.94	73.66	5.48	26.667	45.628	4.456	1.96	13.94
1.55	1.32	14.66	74.97	5.64	21.793	45.915	4.520	1.95	14.66
1.56	1.36	15.25	76.33	5.81	18.848	46.172	4.580	2.10	15.25
1.57	1.35	15.84	77.68	5.98	16.182	46.390	4.633	2.14	15.84
1.58	1.27	16.65	78.95	6.15	13.808	46.565	4.678	2.08	16.65
1.59	1.13	17.70	80.09	6.32	11.742	46.698	4.715	1.89	17.70
1.60	0.93	18.73	81.01	6.46	10.000	46.791	4.743	1.58	18.73
1.61	0.78	19.42	81.80	6.58	8.566	46.858	4.764	1.36	19.42
1.62	0.74	20.10	82.54	6.70	7.399	46.913	4.782	1.30	20.10
1.63	0.69	20.84	83.23	6.82	6.479	46.957	4.797	1.22	20.84
1.64	0.63	21.65	83.85	6.93	5.783	46.994	4.810	1.12	21.65
1.65	0.56	22.45	84.41	7.03	5.289	47.023	4.821	1.00	22.45
1.66	0.52	22.94	84.93	7.13	4.976	47.049	4.831	0.94	22.94
1.67	0.51	23.43	85.44	7.23	4.752	47.073	4.841	0.92	23.43
1.68	0.47	24.03	85.91	7.32	4.601	47.095	4.849	0.86	24.03
1.69	0.42	24.74	86.33	7.41	4.250	47.112	4.857	0.76	24.74
1.70	0.34	25.45	86.67	7.48	4.001	47.126	4.863	0.62	25.45

1.71	0.29	26.03	86.96	7.54	3.756	47.137	4.868	0.53	26.03
1.72	0.28	26.61	87.24	7.60	3.517	47.147	4.872	0.51	26.61
1.73	0.27	27.19	87.51	7.66	3.287	47.155	4.876	0.49	27.19
1.74	0.26	27.76	87.77	7.72	3.068	47.163	4.880	0.47	27.76
1.75	0.24	28.33	88.01	7.78	2.862	47.170	4.884	0.45	28.33
1.76	0.23	29.05	88.24	7.83	2.672	47.176	4.887	0.42	29.05
1.77	0.21	29.78	88.45	7.88	2.500	47.182	4.889	0.39	29.78
1.78	0.19	30.49	88.64	7.93	2.348	47.186	4.892	0.36	30.49
1.79	0.17	31.21	88.81	7.98	2.219	47.190	4.894	0.32	31.21
1.80	0.15	31.92	88.97	8.02	2.114	47.193	4.896	0.28	31.92
1.81	0.14	32.51	89.11	8.06	2.037	47.196	4.898	0.26	32.51
1.82	0.14	33.09	89.25	8.10	1.989	47.199	4.899	0.26	33.09
1.83	0.14	33.67	89.39	8.14	1.958	47.202	4.901	0.26	33.67
1.84	0.14	34.25	89.53	8.18	1.915	47.204	4.903	0.26	34.25
1.85	0.14	34.82	89.67	8.22	1.873	47.207	4.904	0.26	34.82
1.86	0.14	35.68	89.81	8.26	1.830	47.209	4.906	0.26	35.68
1.87	0.14	36.54	89.95	8.31	1.788	47.212	4.908	0.26	36.54
1.88	0.14	37.39	90.08	8.35	1.745	47.214	4.909	0.26	37.39
1.89	0.14	38.23	90.22	8.40	1.703	47.217	4.911	0.26	38.23
1.90	0.14	39.08	90.36	8.44	1.660	47.219	4.913	0.26	39.08
1.91	0.14	39.74	90.50	8.49	1.618	47.221	4.914	0.26	39.74
1.92	0.14	40.39	90.64	8.54	1.576	47.223	4.916	0.26	40.39
1.93	0.14	41.05	90.77	8.59	1.534	47.225	4.917	0.26	41.05
1.94	0.14	41.70	90.91	8.64	1.492	47.228	4.919	0.26	41.70
1.95	0.14	42.35	91.05	8.69	1.450	47.230	4.921	0.26	42.35
1.96	0.14	42.99	91.19	8.74	1.409	47.231	4.922	0.26	42.99
1.97	0.14	43.63	91.33	8.79	1.368	47.233	4.924	0.26	43.63
1.98	0.14	44.27	91.46	8.85	1.328	47.235	4.925	0.26	44.27
1.99	0.14	44.90	91.60	8.90	1.288	47.237	4.927	0.26	44.90
2.00	0.14	45.54	91.74	8.96	1.249	47.239	4.928	0.26	45.54
2.01	0.14	46.16	91.88	9.01	1.210	47.240	4.930	0.26	46.16
2.02	0.14	46.79	92.01	9.07	1.171	47.242	4.931	0.26	46.79
2.03	0.14	47.41	92.15	9.13	1.134	47.244	4.933	0.26	47.41
2.04	0.14	48.03	92.29	9.19	1.097	47.245	4.934	0.26	48.03
2.05	0.14	48.65	92.43	9.24	1.060	47.247	4.936	0.26	48.65
2.06	0.14	49.26	92.57	9.30	1.025	47.248	4.937	0.26	49.26
2.07	0.14	49.87	92.70	9.36	0.990	47.249	4.938	0.26	49.87
2.08	0.14	50.48	92.84	9.43	0.965	47.251	4.939	0.26	50.48
2.09	0.14	51.08	92.98	9.49	0.930	47.252	4.940	0.26	51.08
2.10	0.14	51.68	93.12	9.55	0.895	47.253	4.942	0.26	51.68
2.11	0.14	52.28	93.26	9.61	0.860	47.254	4.943	0.26	52.28
2.12	0.14	52.87	93.39	9.68	0.824	47.255	4.944	0.26	52.87
2.13	0.14	53.47	93.53	9.74	0.789	47.257	4.945	0.26	53.47
2.14	0.14	54.06	93.67	9.81	0.753	47.258	4.946	0.26	54.06
2.15	0.14	54.64	93.81	9.87	0.718	47.259	4.947	0.26	54.64
2.16	0.14	55.23	93.95	9.94	0.682	47.260	4.948	0.26	55.23
2.17	0.14	55.81	94.08	10.01	0.647	47.260	4.949	0.26	55.81
2.18	0.14	56.39	94.22	10.07	0.612	47.261	4.950	0.26	56.39
2.19	0.14	56.97	94.36	10.14	0.576	47.262	4.951	0.26	56.97
2.20	0.14	57.54	94.50	10.21	0.541	47.263	4.952	0.26	57.54
2.21	0.14	58.11	94.64	10.28	0.506	47.264	4.953	0.26	58.11
2.22	0.14	58.68	94.77	10.35	0.472	47.264	4.953	0.26	58.68
2.23	0.14	59.25	94.91	10.42	0.437	47.265	4.954	0.26	59.25
2.24	0.14	59.81	95.05	10.50	0.403	47.265	4.955	0.26	59.81
2.25	0.14	60.37	95.19	10.57	0.369	47.266	4.955	0.26	60.37
2.26	0.14	61.46	95.33	10.64	0.336	47.266	4.956	0.26	61.46
2.27	0.14	62.55	95.46	10.72	0.303	47.267	4.956	0.26	62.55
2.28	0.14	63.63	95.60	10.79	0.270	47.267	4.957	0.26	63.63
2.29	0.14	64.71	95.74	10.87	0.237	47.267	4.957	0.26	64.71
2.30	0.14	65.79	95.88	10.95	0.205	47.268	4.958	0.26	65.79

2.31	0.14	66.86	96.02	11.03	0.174	47.268	4.958	0.26	66.86
2.32	0.14	67.92	96.15	11.11	0.143	47.268	4.958	0.26	67.92
2.33	0.14	68.98	96.29	11.19	0.113	47.268	4.958	0.26	68.98
2.34	0.14	70.04	96.43	11.28	0.083	47.268	4.959	0.26	70.04
2.35	0.14	71.09	96.57	11.36	0.054	47.268	4.959	0.26	71.09
2.36	0.14	72.13	96.70	11.45	0.025	47.269	4.959	0.26	72.13
2.37	0.14	73.17	96.84	11.54	0.0	47.269	4.959	0.26	73.17
2.38	0.14	74.21	96.98	11.63	0.0	47.269	4.959	0.26	74.21
2.39	0.14	75.25	97.12	11.72	0.0	47.269	4.959	0.26	75.25
2.40	0.14	76.27	97.25	11.81	0.0	47.269	4.959	0.26	76.27
2.41	0.14	77.30	97.39	11.90	0.0	47.269	4.959	0.26	77.30
2.42	0.14	78.32	97.53	11.99	0.0	47.269	4.959	0.26	78.32
2.43	0.14	79.34	97.67	12.09	0.0	47.269	4.959	0.26	79.34
2.44	0.14	80.35	97.81	12.18	0.0	47.269	4.959	0.26	80.35
2.45	0.14	81.36	97.94	12.28	0.0	47.269	4.959	0.26	81.36
2.46	0.14	82.36	98.08	12.38	0.0	47.269	4.959	0.26	82.36
2.47	0.14	83.36	98.22	12.48	0.0	47.269	4.959	0.26	83.36
2.48	0.14	84.36	98.35	12.58	0.0	47.269	4.959	0.26	84.36
2.49	0.14	85.35	98.49	12.68	0.0	47.269	4.959	0.26	85.35
2.50	0.14	86.33	98.63	12.78	0.0	47.269	4.959	0.26	86.33
2.51	0.14	87.32	98.77	12.89	0.0	47.269	4.959	0.26	87.32
2.52	0.14	88.30	98.90	12.99	0.0	47.269	4.959	0.26	88.30
2.53	0.14	89.27	99.04	13.10	0.0	47.269	4.959	0.26	89.27
2.54	0.14	90.25	99.18	13.20	0.0	47.269	4.959	0.26	90.25
2.55	0.14	91.21	99.32	13.31	0.0	47.269	4.959	0.26	91.21
2.56	0.14	92.18	99.45	13.42	0.0	47.269	4.959	0.26	92.18
2.57	0.14	93.14	99.59	13.53	0.0	47.269	4.959	0.26	93.14
2.58	0.14	94.10	99.73	13.64	0.0	47.269	4.959	0.26	94.10
2.59	0.14	95.05	99.86	13.75	0.0	47.269	4.959	0.26	95.05
2.60	0.14	96.00	100.00	13.87	0.0	47.269	4.959	0.26	96.00

RELATIVE WT %	16.42	CLEAN COAL ASH %	4.96	REFUSE ASH %	21.85
HEAD ASH %	13.87	CLEAN COAL YIELD%	47.27	REFUSE YIELD%	52.73
RAW COAL TON	29.563563	CLEAN COAL TON	13.974245	REFUSE TON	15.589308
THEO. YIELD	69.02	ECART PROB. MOYEN	0.0747		
SG OF SEPARATION	1.513	IMPERFECTION	0.051		
NEAR GRAVITY MAT	54.454				
ORGANIC EFFCY.	68.49				

Yield Table

Blended Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : BLEND SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN TOT

MINE PERIOD : PROPERTY

FRACTION SIZE (MM)	10.00 0.60	0.60 0.15	
EQUIPMENT	HMC	HMC	
RELATIVE WEIGHT %	73.16	16.42	89.58
HEAD ASH %	16.20	13.87	15.77
RAW COAL TONNAGE	131.712952	29.563553	161.276505
CLEAN COAL ASH %	4.85	4.96	4.88
CLEAN COAL YIELD	35.58	47.27	37.72
CLEAN COAL TONNAGE	46.862061	13.974245	60.836304
THEORETICAL YIELD	51.39	69.02	
THEO. CUTPOINT	1.472	1.51	
NEAR GRAVITY MATERIAL	67.122	54.454	
ORGANIC EFFICIENCY	69.24	68.49	
ECART PROBABLE MOYEN	0.0330	0.075	
IMPERFECTION	0.023	0.051	
REFUSE ASH	22.46	21.85	22.36
REFUSE YIELD	64.42	52.73	62.28
REFUSE TONNAGE	84.850891	15.589308	100.440186

Washability Data

Individual Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 30 WID: WA1 EQUIPE HMC SG-ASH 5.00 EP 0.033 SG 1.44

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 87.18 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.053	0.0	0.010	0.0	0.01
1.24	0.04	0.22	0.04	0.22	98.947	0.040	0.220	0.00	0.22
1.25	0.04	0.42	0.08	0.32	98.896	0.079	0.320	0.00	0.42
1.26	0.04	0.62	0.12	0.42	98.795	0.119	0.420	0.00	0.62
1.27	0.04	0.82	0.16	0.52	98.695	0.158	0.520	0.00	0.82
1.28	0.04	1.02	0.20	0.62	98.596	0.198	0.620	0.00	1.02
1.29	0.04	1.22	0.24	0.72	98.499	0.237	0.719	0.00	1.22
1.30	0.04	1.42	0.28	0.82	98.401	0.276	0.819	0.00	1.42
1.31	0.04	1.61	0.32	0.92	98.303	0.316	0.918	0.00	1.61
1.32	0.04	1.82	0.36	1.02	98.204	0.355	1.018	0.00	1.82
1.33	0.04	2.03	0.40	1.12	98.103	0.394	1.118	0.00	2.03
1.34	0.04	2.24	0.44	1.22	98.000	0.433	1.220	0.00	2.24
1.35	0.04	2.44	0.48	1.32	97.310	0.472	1.320	0.00	2.44
1.36	0.03	2.65	0.51	1.40	95.903	0.501	1.397	0.00	2.65
1.37	0.03	2.85	0.54	1.48	93.331	0.529	1.474	0.00	2.85
1.38	0.03	3.05	0.57	1.56	90.000	0.556	1.550	0.00	3.05
1.39	0.03	3.26	0.60	1.65	84.301	0.581	1.625	0.01	3.26
1.40	0.03	3.46	0.63	1.74	77.256	0.605	1.695	0.01	3.46
1.41	5.49	3.51	6.12	3.33	69.670	4.429	3.262	2.52	3.51
1.42	7.72	3.57	13.84	3.46	67.424	9.635	3.429	3.81	3.57
1.43	9.32	3.63	23.16	3.53	59.848	15.212	3.502	5.66	3.63
1.44	10.28	3.69	33.44	3.58	52.273	20.586	3.551	7.43	3.69
1.45	10.61	3.75	44.05	3.62	42.424	25.087	3.587	9.25	3.75
1.46	10.31	5.03	54.36	3.89	34.848	28.680	3.768	10.17	5.03
1.47	9.38	6.31	63.74	4.24	27.273	31.238	3.976	10.33	6.31
1.48	7.81	7.58	71.55	4.61	18.027	32.646	4.131	9.69	7.58
1.49	5.61	8.84	77.16	4.92	12.490	33.347	4.230	7.43	8.84
1.50	2.78	10.09	79.94	5.10	8.733	33.590	4.273	3.84	10.09
1.51	1.12	11.78	81.06	5.19	7.162	33.670	4.291	1.57	11.78
1.52	1.04	13.45	82.10	5.29	5.564	33.728	4.306	1.49	13.45
1.53	0.95	15.11	83.05	5.41	4.863	33.774	4.321	1.37	15.11
1.54	0.87	16.76	83.92	5.52	4.440	33.813	4.335	1.26	16.76
1.55	0.77	18.39	84.69	5.64	3.876	33.842	4.348	1.12	18.39
1.56	0.68	19.04	85.37	5.75	3.336	33.865	4.358	1.00	19.04
1.57	0.57	19.69	85.94	5.84	2.850	33.881	4.365	0.84	19.69
1.58	0.47	20.33	86.41	5.92	2.444	33.893	4.370	0.69	20.33
1.59	0.36	20.96	86.77	5.98	2.149	33.901	4.374	0.53	20.96
1.60	0.24	21.60	87.01	6.02	1.904	33.905	4.376	0.36	21.60
1.61	0.19	22.44	87.20	6.06	1.807	33.909	4.378	0.28	22.44
1.62	0.19	23.28	87.39	6.10	1.711	33.912	4.380	0.28	23.28
1.63	0.19	24.12	87.58	6.14	1.615	33.915	4.382	0.28	24.12
1.64	0.19	24.95	87.77	6.18	1.519	33.918	4.384	0.28	24.95
1.65	0.19	25.77	87.96	6.22	1.425	33.921	4.385	0.28	25.77
1.66	0.19	26.88	88.15	6.26	1.333	33.923	4.387	0.28	26.88
1.67	0.19	27.98	88.34	6.31	1.243	33.925	4.389	0.28	27.98
1.68	0.18	29.07	88.52	6.36	1.156	33.928	4.390	0.27	29.07
1.69	0.18	30.16	88.70	6.40	1.072	33.929	4.392	0.27	30.16
1.70	0.18	31.24	88.88	6.45	0.992	33.931	4.393	0.27	31.24

1.71	0.18	32.10	89.06	6.51	0.921	33.933	4.394	0.27	32.10
1.72	0.18	32.95	89.24	6.56	0.841	33.934	4.396	0.27	32.95
1.73	0.19	33.79	89.43	6.62	0.761	33.936	4.397	0.29	33.79
1.74	0.19	34.63	89.62	6.68	0.680	33.937	4.398	0.29	34.63
1.75	0.19	35.47	89.81	6.74	0.600	33.938	4.399	0.29	35.47
1.76	0.18	35.89	89.99	6.80	0.521	33.939	4.400	0.27	35.89
1.77	0.18	36.31	90.17	6.86	0.442	33.940	4.401	0.27	36.31
1.78	0.17	36.72	90.34	6.91	0.365	33.941	4.401	0.26	36.72
1.79	0.16	37.13	90.50	6.97	0.290	33.941	4.402	0.24	37.13
1.80	0.14	37.54	90.64	7.01	0.216	33.941	4.402	0.21	37.54
1.81	0.13	37.82	90.77	7.06	0.146	33.942	4.402	0.20	37.82
1.82	0.13	38.09	90.90	7.10	0.078	33.942	4.402	0.20	38.09
1.83	0.13	38.36	91.03	7.15	0.013	33.942	4.402	0.20	38.36
1.84	0.12	38.62	91.15	7.19	0.0	33.942	4.402	0.18	38.62
1.85	0.12	38.89	91.27	7.23	0.0	33.942	4.402	0.18	38.89
1.86	0.12	39.64	91.39	7.27	0.0	33.942	4.402	0.18	39.64
1.87	0.12	40.39	91.51	7.31	0.0	33.942	4.402	0.18	40.39
1.88	0.12	41.13	91.63	7.36	0.0	33.942	4.402	0.18	41.13
1.89	0.12	41.87	91.75	7.40	0.0	33.942	4.402	0.18	41.87
1.90	0.12	42.61	91.87	7.45	0.0	33.942	4.402	0.18	42.61
1.91	0.13	43.10	92.00	7.50	0.0	33.942	4.402	0.20	43.10
1.92	0.13	43.59	92.13	7.55	0.0	33.942	4.402	0.20	43.59
1.93	0.13	44.08	92.26	7.60	0.0	33.942	4.402	0.20	44.08
1.94	0.13	44.56	92.39	7.65	0.0	33.942	4.402	0.20	44.56
1.95	0.13	45.04	92.52	7.71	0.0	33.942	4.402	0.20	45.04
1.96	0.13	45.69	92.65	7.76	0.0	33.942	4.402	0.20	45.69
1.97	0.13	46.32	92.78	7.81	0.0	33.942	4.402	0.20	46.32
1.98	0.13	46.96	92.91	7.87	0.0	33.942	4.402	0.20	46.96
1.99	0.13	47.59	93.04	7.92	0.0	33.942	4.402	0.20	47.59
2.00	0.13	48.22	93.17	7.98	0.0	33.942	4.402	0.20	48.22
2.01	0.13	48.80	93.30	8.04	0.0	33.942	4.402	0.20	48.80
2.02	0.12	49.37	93.42	8.09	0.0	33.942	4.402	0.18	49.37
2.03	0.12	49.94	93.54	8.14	0.0	33.942	4.402	0.18	49.94
2.04	0.12	50.51	93.66	8.20	0.0	33.942	4.402	0.18	50.51
2.05	0.11	51.08	93.77	8.25	0.0	33.942	4.402	0.17	51.08
2.06	0.11	51.34	93.88	8.30	0.0	33.942	4.402	0.17	51.34
2.07	0.10	51.60	93.98	8.35	0.0	33.942	4.402	0.15	51.60
2.08	0.10	51.86	94.08	8.39	0.0	33.942	4.402	0.15	51.86
2.09	0.09	52.11	94.17	8.43	0.0	33.942	4.402	0.14	52.11
2.10	0.08	52.37	94.25	8.47	0.0	33.942	4.402	0.12	52.37
2.11	0.07	52.53	94.32	8.50	0.0	33.942	4.402	0.11	52.53
2.12	0.05	52.69	94.37	8.53	0.0	33.942	4.402	0.08	52.69
2.13	0.04	52.84	94.41	8.55	0.0	33.942	4.402	0.06	52.84
2.14	0.02	53.00	94.43	8.56	0.0	33.942	4.402	0.03	53.00
2.15	0.02	53.16	94.45	8.56	0.0	33.942	4.402	0.03	53.16
2.16	0.01	53.87	94.46	8.57	0.0	33.942	4.402	0.02	53.87
2.17	0.01	54.59	94.47	8.57	0.0	33.942	4.402	0.02	54.59
2.18	0.02	55.30	94.49	8.58	0.0	33.942	4.402	0.03	55.30
2.19	0.03	56.00	94.52	8.60	0.0	33.942	4.402	0.05	56.00
2.20	0.04	56.71	94.56	8.62	0.0	33.942	4.402	0.06	56.71
2.21	0.05	57.28	94.61	8.65	0.0	33.942	4.402	0.08	57.28
2.22	0.05	57.86	94.66	8.67	0.0	33.942	4.402	0.08	57.86
2.23	0.05	58.43	94.71	8.70	0.0	33.942	4.402	0.08	58.43
2.24	0.06	59.00	94.77	8.73	0.0	33.942	4.402	0.09	59.00
2.25	0.06	59.56	94.83	8.76	0.0	33.942	4.402	0.09	59.56
2.26	0.07	60.04	94.90	8.80	0.0	33.942	4.402	0.11	60.04
2.27	0.07	60.51	94.97	8.84	0.0	33.942	4.402	0.11	60.51
2.28	0.08	60.98	95.05	8.88	0.0	33.942	4.402	0.12	60.98
2.29	0.08	61.44	95.13	8.93	0.0	33.942	4.402	0.12	61.44
2.30	0.09	61.91	95.22	8.98	0.0	33.942	4.402	0.14	61.91

2.31	0.27	61.91	95.49	9.13	0.0	33.942	4.402	0.41	61.91
2.32	0.26	61.91	95.75	9.27	0.0	33.942	4.402	0.39	61.91
2.33	0.26	61.92	96.01	9.41	0.0	33.942	4.402	0.39	61.92
2.34	0.26	61.92	96.27	9.55	0.0	33.942	4.402	0.39	61.92
2.35	0.26	61.92	96.53	9.69	0.0	33.942	4.402	0.39	61.92
2.36	0.26	61.92	96.79	9.83	0.0	33.942	4.402	0.39	61.92
2.37	0.26	61.93	97.05	9.97	0.0	33.942	4.402	0.39	61.93
2.38	0.26	61.93	97.31	10.11	0.0	33.942	4.402	0.39	61.93
2.39	0.26	61.93	97.57	10.25	0.0	33.942	4.402	0.39	61.93
2.40	0.26	61.93	97.83	10.39	0.0	33.942	4.402	0.39	61.93
2.41	0.25	61.93	98.08	10.52	0.0	33.942	4.402	0.38	61.93
2.42	0.25	61.94	98.33	10.65	0.0	33.942	4.402	0.38	61.94
2.43	0.25	61.94	98.58	10.78	0.0	33.942	4.402	0.38	61.94
2.44	0.25	61.94	98.83	10.91	0.0	33.942	4.402	0.38	61.94
2.45	0.25	61.94	99.08	11.04	0.0	33.942	4.402	0.38	61.94
2.46	0.07	64.28	99.15	11.08	0.0	33.942	4.402	0.11	64.28
2.47	0.07	66.60	99.22	11.12	0.0	33.942	4.402	0.11	66.60
2.48	0.07	68.92	99.29	11.16	0.0	33.942	4.402	0.11	68.92
2.49	0.07	71.22	99.36	11.20	0.0	33.942	4.402	0.11	71.22
2.50	0.07	73.52	99.43	11.24	0.0	33.942	4.402	0.11	73.52
2.51	0.07	75.81	99.50	11.28	0.0	33.942	4.402	0.11	75.81
2.52	0.07	78.09	99.57	11.33	0.0	33.942	4.402	0.11	78.09
2.53	0.07	80.36	99.64	11.38	0.0	33.942	4.402	0.11	80.36
2.54	0.06	82.62	99.70	11.43	0.0	33.942	4.402	0.09	82.62
2.55	0.06	84.87	99.76	11.47	0.0	33.942	4.402	0.09	84.87
2.56	0.06	87.11	99.82	11.52	0.0	33.942	4.402	0.09	87.11
2.57	0.06	89.35	99.88	11.56	0.0	33.942	4.402	0.09	89.35
2.58	0.06	91.57	99.94	11.61	0.0	33.942	4.402	0.09	91.57
2.59	0.06	93.79	100.00	11.66	0.0	33.942	4.402	0.09	93.79
2.60	0.06	96.00	100.06	11.71	0.0	33.942	4.402	0.09	96.00

		CLEAN COAL ASH %	4.40	REFUSE ASH %	15.47
HEAD ASH %	11.71	CLEAN COAL YIELD%	33.94	REFUSE YIELD%	66.06
THEO. YIELD	67.13	ECART PROB. MOYEN	0.0330		
SG OF SEPARATION	1.474	IMPERFECTION	0.023		
NEAR GRAVITY MAT	85.591				
ORGANIC EFFCY.	50.56				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 46 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 62.74 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.053	0.0	0.010	0.0	0.01
1.24	0.22	0.10	0.22	0.10	98.947	0.218	0.100	0.00	0.10
1.25	0.34	0.18	0.56	0.15	98.896	0.554	0.149	0.01	0.18
1.26	0.46	0.27	1.02	0.20	98.795	1.008	0.203	0.01	0.27
1.27	0.58	0.36	1.60	0.26	98.695	1.581	0.260	0.01	0.36
1.28	0.70	0.44	2.30	0.31	98.596	2.271	0.315	0.02	0.44
1.29	0.83	0.53	3.13	0.37	98.499	3.089	0.372	0.02	0.53
1.30	0.96	0.61	4.09	0.43	98.401	4.033	0.428	0.02	0.61
1.31	1.09	0.69	5.18	0.48	98.303	5.105	0.483	0.03	0.69
1.32	1.23	1.08	6.41	0.60	98.204	6.313	0.597	0.03	1.08
1.33	1.37	1.78	7.78	0.81	98.103	7.657	0.805	0.04	1.78
1.34	1.52	2.46	9.30	1.08	98.000	9.146	1.074	0.05	2.46
1.35	1.66	3.15	10.96	1.39	97.310	10.762	1.386	0.07	3.15
1.36	1.81	3.82	12.77	1.73	95.903	12.497	1.724	0.11	3.82
1.37	1.97	4.50	14.74	2.10	93.331	14.336	2.080	0.20	4.50
1.38	2.12	5.16	16.86	2.49	90.000	16.244	2.442	0.32	5.16
1.39	2.28	5.83	19.14	2.89	84.301	18.166	2.800	0.55	5.83
1.40	2.45	6.49	21.59	3.30	77.256	20.059	3.148	0.85	6.49
1.41	2.81	6.62	24.40	3.68	69.670	22.017	3.457	1.31	6.62
1.42	3.29	6.76	27.69	4.04	67.424	24.235	3.759	1.64	6.76
1.43	3.64	6.89	31.33	4.38	59.848	26.413	4.018	2.24	6.89
1.44	3.87	7.02	35.20	4.67	52.273	28.436	4.231	2.83	7.02
1.45	3.98	7.15	39.18	4.92	42.424	30.125	4.395	3.51	7.15
1.46	3.96	8.17	43.14	5.22	34.848	31.505	4.560	3.95	8.17
1.47	3.82	9.19	46.96	5.54	27.273	32.547	4.708	4.25	9.19
1.48	3.56	10.20	50.52	5.87	18.027	33.188	4.815	4.47	10.20
1.49	3.17	11.20	53.69	6.18	12.490	33.584	4.890	4.25	11.20
1.50	2.66	12.19	56.35	6.47	8.733	33.817	4.940	3.72	12.19
1.51	2.33	13.24	58.68	6.74	7.162	33.983	4.981	3.31	13.24
1.52	2.26	14.29	60.94	7.02	5.564	34.109	5.015	3.27	14.29
1.53	2.18	15.32	63.12	7.30	4.863	34.215	5.047	3.18	15.32
1.54	2.08	16.35	65.20	7.59	4.440	34.308	5.077	3.04	16.35
1.55	1.96	17.38	67.16	7.88	3.876	34.384	5.105	2.89	17.38
1.56	1.82	18.09	68.98	8.15	3.336	34.444	5.127	2.69	18.09
1.57	1.67	18.80	70.65	8.40	2.850	34.492	5.146	2.48	18.80
1.58	1.50	19.50	72.15	8.63	2.444	34.528	5.162	2.24	19.50
1.59	1.31	20.20	73.46	8.84	2.149	34.557	5.174	1.96	20.20
1.60	1.11	20.89	74.57	9.01	1.904	34.578	5.183	1.67	20.89
1.61	1.00	21.71	75.57	9.18	1.807	34.596	5.192	1.50	21.71
1.62	0.98	22.52	76.55	9.35	1.711	34.613	5.200	1.48	22.52
1.63	0.95	23.32	77.50	9.52	1.615	34.628	5.208	1.43	23.32
1.64	0.91	24.12	78.41	9.69	1.519	34.642	5.216	1.37	24.12
1.65	0.85	24.92	79.26	9.86	1.425	34.654	5.223	1.28	24.92
1.66	0.78	25.37	80.04	10.01	1.333	34.664	5.229	1.18	25.37
1.67	0.70	25.82	80.74	10.15	1.243	34.673	5.234	1.06	25.82
1.68	0.60	26.26	81.34	10.26	1.156	34.680	5.238	0.91	26.26
1.69	0.49	26.70	81.83	10.36	1.072	34.685	5.242	0.74	26.70
1.70	0.37	27.14	82.20	10.44	0.992	34.689	5.244	0.56	27.14

1.71	0.31	27.64	82.51	10.50	0.821	34.692	5.246	0.47	27.64
1.72	0.30	28.12	82.81	10.57	0.841	34.694	5.247	0.46	28.12
1.73	0.30	28.61	83.11	10.63	0.761	34.697	5.249	0.46	28.61
1.74	0.30	29.09	83.41	10.70	0.680	34.699	5.250	0.46	29.09
1.75	0.29	29.57	83.70	10.76	0.600	34.700	5.252	0.44	29.57
1.76	0.28	30.16	83.98	10.83	0.521	34.702	5.253	0.43	30.16
1.77	0.27	30.74	84.25	10.89	0.442	34.703	5.253	0.41	30.74
1.78	0.26	31.31	84.51	10.96	0.365	34.704	5.254	0.40	31.31
1.79	0.25	31.89	84.76	11.02	0.290	34.705	5.255	0.38	31.89
1.80	0.24	32.46	85.00	11.08	0.216	34.705	5.255	0.37	32.46
1.81	0.23	32.83	85.23	11.14	0.146	34.705	5.255	0.35	32.83
1.82	0.23	33.19	85.46	11.20	0.078	34.706	5.256	0.35	33.19
1.83	0.23	33.56	85.69	11.26	0.013	34.706	5.256	0.35	33.56
1.84	0.23	33.92	85.92	11.32	0.0	34.706	5.256	0.35	33.92
1.85	0.23	34.28	86.15	11.38	0.0	34.706	5.256	0.35	34.28
1.86	0.23	35.13	86.38	11.44	0.0	34.706	5.256	0.35	35.13
1.87	0.22	35.98	86.60	11.50	0.0	34.706	5.256	0.34	35.98
1.88	0.22	36.82	86.82	11.57	0.0	34.706	5.256	0.34	36.82
1.89	0.21	37.65	87.03	11.63	0.0	34.706	5.256	0.32	37.65
1.90	0.21	38.48	87.24	11.69	0.0	34.706	5.256	0.32	38.48
1.91	0.20	39.13	87.44	11.76	0.0	34.706	5.256	0.31	39.13
1.92	0.19	39.77	87.63	11.82	0.0	34.706	5.256	0.29	39.77
1.93	0.19	40.41	87.82	11.88	0.0	34.706	5.256	0.29	40.41
1.94	0.19	41.04	88.01	11.94	0.0	34.706	5.256	0.29	41.04
1.95	0.18	41.68	88.19	12.00	0.0	34.706	5.256	0.28	41.68
1.96	0.18	42.10	88.37	12.06	0.0	34.706	5.256	0.28	42.10
1.97	0.18	42.52	88.55	12.13	0.0	34.706	5.256	0.28	42.52
1.98	0.18	42.94	88.73	12.19	0.0	34.706	5.256	0.28	42.94
1.99	0.17	43.36	88.90	12.25	0.0	34.706	5.256	0.26	43.36
2.00	0.17	43.77	89.07	12.31	0.0	34.706	5.256	0.26	43.77
2.01	0.17	44.17	89.24	12.37	0.0	34.706	5.256	0.26	44.17
2.02	0.16	44.56	89.40	12.43	0.0	34.706	5.256	0.25	44.56
2.03	0.15	44.95	89.55	12.48	0.0	34.706	5.256	0.23	44.95
2.04	0.15	45.34	89.70	12.54	0.0	34.706	5.256	0.23	45.34
2.05	0.14	45.72	89.84	12.59	0.0	34.706	5.256	0.21	45.72
2.06	0.13	46.18	89.97	12.64	0.0	34.706	5.256	0.20	46.18
2.07	0.13	46.64	90.10	12.69	0.0	34.706	5.256	0.20	46.64
2.08	0.13	47.09	90.23	12.74	0.0	34.706	5.256	0.20	47.09
2.09	0.13	47.55	90.36	12.79	0.0	34.706	5.256	0.20	47.55
2.10	0.13	48.00	90.49	12.84	0.0	34.706	5.256	0.20	48.00
2.11	0.04	48.42	90.53	12.85	0.0	34.706	5.256	0.06	48.42
2.12	0.04	48.85	90.57	12.87	0.0	34.706	5.256	0.06	48.85
2.13	0.04	49.27	90.61	12.88	0.0	34.706	5.256	0.06	49.27
2.14	0.04	49.70	90.65	12.90	0.0	34.706	5.256	0.06	49.70
2.15	0.03	50.12	90.68	12.91	0.0	34.706	5.256	0.05	50.12
2.16	0.03	50.53	90.71	12.93	0.0	34.706	5.256	0.05	50.53
2.17	0.03	50.95	90.74	12.94	0.0	34.706	5.256	0.05	50.95
2.18	0.03	51.36	90.77	12.95	0.0	34.706	5.256	0.05	51.36
2.19	0.03	51.78	90.80	12.96	0.0	34.706	5.256	0.05	51.78
2.20	0.03	52.19	90.83	12.98	0.0	34.706	5.256	0.05	52.19
2.21	0.03	52.56	90.86	12.99	0.0	34.706	5.256	0.05	52.56
2.22	0.03	52.94	90.89	13.00	0.0	34.706	5.256	0.05	52.94
2.23	0.03	53.31	90.92	13.02	0.0	34.706	5.256	0.05	53.31
2.24	0.03	53.68	90.95	13.03	0.0	34.706	5.256	0.05	53.68
2.25	0.03	54.05	90.98	13.04	0.0	34.706	5.256	0.05	54.05
2.26	0.03	54.42	91.01	13.06	0.0	34.706	5.256	0.05	54.42
2.27	0.03	54.79	91.04	13.07	0.0	34.706	5.256	0.05	54.79
2.28	0.03	55.15	91.07	13.08	0.0	34.706	5.256	0.05	55.15
2.29	0.03	55.52	91.10	13.10	0.0	34.706	5.256	0.05	55.52
2.30	0.03	55.88	91.13	13.11	0.0	34.706	5.256	0.05	55.88

2.31	0.45	55.88	91.58	13.32	0.0	34.706	5.256	0.69	55.88
2.32	0.45	55.88	92.03	13.53	0.0	34.706	5.256	0.69	55.88
2.33	0.45	55.89	92.48	13.74	0.0	34.706	5.256	0.69	55.89
2.34	0.45	55.89	92.93	13.94	0.0	34.706	5.256	0.69	55.89
2.35	0.45	55.89	93.38	14.14	0.0	34.706	5.256	0.69	55.89
2.36	0.44	55.89	93.82	14.34	0.0	34.706	5.256	0.67	55.89
2.37	0.44	55.90	94.26	14.53	0.0	34.706	5.256	0.67	55.90
2.38	0.44	55.90	94.70	14.72	0.0	34.706	5.256	0.67	55.90
2.39	0.44	55.90	95.14	14.91	0.0	34.706	5.256	0.67	55.90
2.40	0.44	55.90	95.58	15.10	0.0	34.706	5.256	0.67	55.90
2.41	0.44	55.90	96.02	15.29	0.0	34.706	5.256	0.67	55.90
2.42	0.43	55.91	96.45	15.47	0.0	34.706	5.256	0.66	55.91
2.43	0.43	55.91	96.88	15.65	0.0	34.706	5.256	0.66	55.91
2.44	0.43	55.91	97.31	15.83	0.0	34.706	5.256	0.66	55.91
2.45	0.43	55.91	97.74	16.01	0.0	34.706	5.256	0.66	55.91
2.46	0.15	58.66	97.89	16.07	0.0	34.706	5.256	0.23	58.66
2.47	0.15	61.40	98.04	16.14	0.0	34.706	5.256	0.23	61.40
2.48	0.15	64.12	98.19	16.21	0.0	34.706	5.256	0.23	64.12
2.49	0.15	66.84	98.34	16.29	0.0	34.706	5.256	0.23	66.84
2.50	0.15	69.54	98.49	16.37	0.0	34.706	5.256	0.23	69.54
2.51	0.15	72.23	98.64	16.46	0.0	34.706	5.256	0.23	72.23
2.52	0.15	74.92	98.79	16.55	0.0	34.706	5.256	0.23	74.92
2.53	0.15	77.59	98.94	16.64	0.0	34.706	5.256	0.23	77.59
2.54	0.15	80.25	99.09	16.73	0.0	34.706	5.256	0.23	80.25
2.55	0.14	82.90	99.23	16.83	0.0	34.706	5.256	0.21	82.90
2.56	0.14	85.54	99.37	16.92	0.0	34.706	5.256	0.21	85.54
2.57	0.14	88.17	99.51	17.02	0.0	34.706	5.256	0.21	88.17
2.58	0.14	90.79	99.65	17.13	0.0	34.706	5.256	0.21	90.79
2.59	0.14	93.40	99.79	17.24	0.0	34.706	5.256	0.21	93.40
2.60	0.14	96.00	99.93	17.35	0.0	34.706	5.256	0.21	96.00

		CLEAN COAL ASH %	5.26	REFUSE ASH %	23.77
HEAD ASH %	17.35	CLEAN COAL YIELD%	34.71	REFUSE YIELD%	65.29
THEO. YIELD	43.60	ECART PROB. MOYEN	0.0330		
SG OF SEPARATION	1.461	IMPERFECTION	0.023		
NEAR GRAVITY MAT	56.174				
ORGANIC EFFCY.	79.60				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 2 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 73.40 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.053	0.0	0.010	0.0	0.01
1.24	0.31	0.01	0.31	0.01	98.947	0.307	0.010	0.00	0.01
1.25	0.49	0.01	0.80	0.01	98.896	0.791	0.010	0.01	0.01
1.26	0.67	0.01	1.47	0.01	98.795	1.453	0.010	0.01	0.01
1.27	0.85	0.01	2.32	0.01	98.695	2.292	0.010	0.02	0.01
1.28	1.03	0.01	3.35	0.01	98.596	3.308	0.010	0.02	0.01
1.29	1.21	0.01	4.56	0.01	98.499	4.500	0.010	0.03	0.01
1.30	1.38	0.01	5.94	0.01	98.401	5.857	0.010	0.03	0.01
1.31	1.55	0.01	7.49	0.01	98.303	7.381	0.010	0.04	0.01
1.32	1.09	0.39	8.58	0.06	98.204	8.452	0.058	0.03	0.39
1.33	1.20	1.14	9.78	0.19	98.103	9.629	0.190	0.03	1.14
1.34	1.31	1.89	11.09	0.39	98.000	10.913	0.390	0.04	1.89
1.35	1.42	2.63	12.51	0.65	97.310	12.294	0.642	0.06	2.63
1.36	1.52	3.37	14.03	0.94	95.903	13.752	0.931	0.09	3.37
1.37	1.63	4.10	15.66	1.27	93.331	15.273	1.247	0.17	4.10
1.38	1.73	4.82	17.39	1.62	90.000	16.830	1.577	0.26	4.82
1.39	1.83	5.54	19.22	2.00	84.301	18.373	1.910	0.44	5.54
1.40	1.93	6.26	21.15	2.38	77.256	19.864	2.237	0.67	6.26
1.41	2.67	6.77	23.82	2.88	69.670	21.724	2.625	1.23	6.77
1.42	3.32	7.29	27.14	3.42	67.424	23.963	3.061	1.65	7.29
1.43	3.80	7.79	30.94	3.95	59.848	26.237	3.471	2.32	7.79
1.44	4.08	8.30	35.02	4.46	52.273	28.370	3.834	2.96	8.30
1.45	4.19	8.80	39.21	4.92	42.424	30.147	4.126	3.67	8.80
1.46	4.11	10.01	43.32	5.41	34.848	31.580	4.393	4.08	10.01
1.47	3.85	11.21	47.17	5.88	27.273	32.630	4.613	4.26	11.21
1.48	3.40	12.40	50.57	6.32	18.027	33.243	4.756	4.24	12.40
1.49	2.77	13.58	53.34	6.70	12.490	33.589	4.847	3.69	13.58
1.50	1.95	14.75	55.29	6.98	8.733	33.759	4.897	2.71	14.75
1.51	1.44	15.91	56.73	7.21	7.162	33.862	4.931	2.03	15.91
1.52	1.35	17.06	58.08	7.44	5.564	33.937	4.957	1.94	17.06
1.53	1.27	18.20	59.35	7.67	4.863	33.999	4.982	1.84	18.20
1.54	1.18	19.33	60.53	7.89	4.440	34.051	5.004	1.72	19.33
1.55	1.09	20.46	61.62	8.12	3.876	34.094	5.023	1.59	20.46
1.56	1.00	21.25	62.62	8.33	3.336	34.127	5.039	1.47	21.25
1.57	0.90	22.03	63.52	8.52	2.850	34.153	5.051	1.33	22.03
1.58	0.81	22.81	64.33	8.70	2.444	34.172	5.062	1.20	22.81
1.59	0.72	23.58	65.05	8.86	2.149	34.188	5.070	1.07	23.58
1.60	0.62	24.35	65.67	9.01	1.904	34.200	5.077	0.93	24.35
1.61	0.58	25.19	66.25	9.15	1.807	34.210	5.083	0.87	25.19
1.62	0.59	26.03	66.84	9.30	1.711	34.220	5.089	0.88	26.03
1.63	0.59	26.87	67.43	9.45	1.616	34.230	5.095	0.88	26.87
1.64	0.59	27.70	68.02	9.61	1.519	34.239	5.101	0.88	27.70
1.65	0.58	28.52	68.60	9.77	1.425	34.247	5.107	0.87	28.52
1.66	0.56	29.24	69.16	9.93	1.333	34.254	5.112	0.84	29.24
1.67	0.53	29.96	69.69	10.08	1.243	34.261	5.117	0.80	29.96
1.68	0.49	30.68	70.18	10.23	1.156	34.267	5.121	0.74	30.68
1.69	0.45	31.39	70.63	10.36	1.072	34.271	5.125	0.68	31.39
1.70	0.40	32.09	71.03	10.48	0.992	34.275	5.128	0.60	32.09

1.71	0.37	32.68	71.40	10.60	0.921	34.279	5.130	0.56	32.68
1.72	0.37	33.25	71.77	10.72	0.841	34.282	5.133	0.56	33.25
1.73	0.37	33.83	72.14	10.83	0.761	34.285	5.135	0.56	33.83
1.74	0.36	34.40	72.50	10.95	0.680	34.287	5.137	0.54	34.40
1.75	0.36	34.97	72.86	11.07	0.600	34.289	5.139	0.54	34.97
1.76	0.34	35.45	73.20	11.18	0.521	34.291	5.141	0.51	35.45
1.77	0.33	35.93	73.53	11.29	0.442	34.293	5.142	0.50	35.93
1.78	0.31	36.40	73.84	11.40	0.365	34.294	5.143	0.47	36.40
1.79	0.29	36.88	74.13	11.50	0.290	34.295	5.144	0.44	36.88
1.80	0.27	37.35	74.40	11.59	0.216	34.295	5.145	0.41	37.35
1.81	0.25	37.74	74.65	11.68	0.146	34.296	5.145	0.38	37.74
1.82	0.25	38.13	74.90	11.77	0.078	34.296	5.145	0.38	38.13
1.83	0.25	38.52	75.15	11.86	0.013	34.296	5.145	0.38	38.52
1.84	0.25	38.91	75.40	11.95	0.0	34.296	5.145	0.38	38.91
1.85	0.24	39.29	75.64	12.03	0.0	34.296	5.145	0.37	39.29
1.86	0.24	39.70	75.88	12.12	0.0	34.296	5.145	0.37	39.70
1.87	0.24	40.11	76.12	12.21	0.0	34.296	5.145	0.37	40.11
1.88	0.23	40.52	76.35	12.30	0.0	34.296	5.145	0.35	40.52
1.89	0.23	40.92	76.58	12.38	0.0	34.296	5.145	0.35	40.92
1.90	0.23	41.32	76.81	12.47	0.0	34.296	5.145	0.35	41.32
1.91	0.22	41.61	77.03	12.55	0.0	34.296	5.145	0.33	41.61
1.92	0.21	41.89	77.24	12.63	0.0	34.296	5.145	0.32	41.89
1.93	0.21	42.17	77.45	12.71	0.0	34.296	5.145	0.32	42.17
1.94	0.20	42.45	77.65	12.79	0.0	34.296	5.145	0.30	42.45
1.95	0.20	42.73	77.85	12.86	0.0	34.296	5.145	0.30	42.73
1.96	0.20	43.26	78.05	12.94	0.0	34.296	5.145	0.30	43.26
1.97	0.20	43.78	78.25	13.02	0.0	34.296	5.145	0.30	43.78
1.98	0.21	44.31	78.46	13.10	0.0	34.296	5.145	0.32	44.31
1.99	0.21	44.83	78.67	13.19	0.0	34.296	5.145	0.32	44.83
2.00	0.22	45.35	78.89	13.28	0.0	34.296	5.145	0.33	45.35
2.01	0.25	45.70	79.14	13.38	0.0	34.296	5.145	0.38	45.70
2.02	0.29	46.05	79.43	13.50	0.0	34.296	5.145	0.44	46.05
2.03	0.33	46.40	79.76	13.64	0.0	34.296	5.145	0.50	46.40
2.04	0.35	46.74	80.11	13.78	0.0	34.296	5.145	0.53	46.74
2.05	0.36	47.09	80.47	13.93	0.0	34.296	5.145	0.55	47.09
2.06	0.36	47.69	80.83	14.08	0.0	34.296	5.145	0.55	47.69
2.07	0.34	48.30	81.17	14.22	0.0	34.296	5.145	0.52	48.30
2.08	0.31	48.90	81.48	14.36	0.0	34.296	5.145	0.47	48.90
2.09	0.27	49.50	81.75	14.47	0.0	34.296	5.145	0.41	49.50
2.10	0.22	50.09	81.97	14.57	0.0	34.296	5.145	0.33	50.09
2.11	0.06	50.69	82.03	14.59	0.0	34.296	5.145	0.09	50.69
2.12	0.04	51.28	82.07	14.61	0.0	34.296	5.145	0.06	51.28
2.13	0.03	51.87	82.10	14.63	0.0	34.296	5.145	0.05	51.87
2.14	0.02	52.45	82.12	14.63	0.0	34.296	5.145	0.03	52.45
2.15	0.01	53.03	82.13	14.64	0.0	34.296	5.145	0.02	53.03
2.16	0.05	53.03	82.18	14.66	0.0	34.296	5.145	0.08	53.03
2.17	0.06	53.03	82.24	14.69	0.0	34.296	5.145	0.09	53.03
2.18	0.08	53.03	82.32	14.73	0.0	34.296	5.145	0.12	53.03
2.19	0.13	53.03	82.45	14.79	0.0	34.296	5.145	0.20	53.03
2.20	0.20	53.03	82.65	14.88	0.0	34.296	5.145	0.30	53.03
2.21	0.22	53.03	82.87	14.98	0.0	34.296	5.145	0.33	53.03
2.22	0.24	53.03	83.11	15.09	0.0	34.296	5.145	0.37	53.03
2.23	0.26	53.03	83.37	15.21	0.0	34.296	5.145	0.40	53.03
2.24	0.29	53.03	83.66	15.34	0.0	34.296	5.145	0.44	53.03
2.25	0.31	53.04	83.97	15.48	0.0	34.296	5.145	0.47	53.04
2.26	0.08	53.50	84.05	15.52	0.0	34.296	5.145	0.12	53.50
2.27	0.08	53.97	84.13	15.55	0.0	34.296	5.145	0.12	53.97
2.28	0.09	54.43	84.22	15.60	0.0	34.296	5.145	0.14	54.43
2.29	0.10	54.89	84.32	15.64	0.0	34.296	5.145	0.15	54.89
2.30	0.10	55.35	84.42	15.69	0.0	34.296	5.145	0.15	55.35

2.31	0.55	55.68	84.97	15.95	0.0	34.296	5.145	0.84	55.68
2.32	0.55	56.00	85.52	16.21	0.0	34.296	5.145	0.84	56.00
2.33	0.55	56.32	86.07	16.46	0.0	34.296	5.145	0.84	56.32
2.34	0.54	56.64	86.61	16.71	0.0	34.296	5.145	0.82	56.64
2.35	0.54	56.96	87.15	16.96	0.0	34.296	5.145	0.82	56.96
2.36	0.54	57.28	87.69	17.21	0.0	34.296	5.145	0.82	57.28
2.37	0.54	57.59	88.23	17.46	0.0	34.296	5.145	0.82	57.59
2.38	0.53	57.91	88.76	17.70	0.0	34.296	5.145	0.81	57.91
2.39	0.53	58.22	89.29	17.94	0.0	34.296	5.145	0.81	58.22
2.40	0.53	58.53	89.82	18.18	0.0	34.296	5.145	0.81	58.53
2.41	0.53	58.84	90.35	18.42	0.0	34.296	5.145	0.81	58.84
2.42	0.53	59.15	90.88	18.65	0.0	34.296	5.145	0.81	59.15
2.43	0.52	59.46	91.40	18.89	0.0	34.296	5.145	0.79	59.46
2.44	0.52	59.77	91.92	19.12	0.0	34.296	5.145	0.79	59.77
2.45	0.52	60.07	92.44	19.35	0.0	34.296	5.145	0.79	60.07
2.46	0.52	62.53	92.96	19.59	0.0	34.296	5.145	0.79	62.53
2.47	0.52	64.99	93.48	19.84	0.0	34.296	5.145	0.79	64.99
2.48	0.51	67.43	93.99	20.10	0.0	34.296	5.145	0.78	67.43
2.49	0.51	69.86	94.50	20.37	0.0	34.296	5.145	0.78	69.86
2.50	0.51	72.29	95.01	20.65	0.0	34.296	5.145	0.78	72.29
2.51	0.51	74.70	95.52	20.94	0.0	34.296	5.145	0.78	74.70
2.52	0.50	77.10	96.02	21.23	0.0	34.296	5.145	0.76	77.10
2.53	0.50	79.50	96.52	21.53	0.0	34.296	5.145	0.76	79.50
2.54	0.50	81.88	97.02	21.84	0.0	34.296	5.145	0.76	81.88
2.55	0.50	84.26	97.52	22.16	0.0	34.296	5.145	0.76	84.26
2.56	0.50	86.63	98.02	22.49	0.0	34.296	5.145	0.76	86.63
2.57	0.50	88.98	98.52	22.83	0.0	34.296	5.145	0.76	88.98
2.58	0.49	91.33	99.01	23.17	0.0	34.296	5.145	0.75	91.33
2.59	0.49	93.67	99.50	23.51	0.0	34.296	5.145	0.75	93.67
2.60	0.49	96.00	99.99	23.87	0.0	34.296	5.145	0.75	96.00

HEAD ASH %	23.87	CLEAN COAL ASH %	5.15	REFUSE ASH %	33.64
THEO. YIELD	41.10	CLEAN COAL YIELD%	34.30	REFUSE YIELD%	65.70
SG OF SEPARATION	1.455	ECART PROB. MOYEN	0.0330		
NEAR GRAVITY MAT	48.871	IMPERFECTION	0.023		
ORGANIC EFFCY.	83.45				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 5 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 71.79 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.053	0.0	0.010	0.0	0.01
1.24	1.01	0.30	1.01	0.30	98.947	0.999	0.300	0.02	0.30
1.25	1.00	0.59	2.01	0.44	98.896	1.988	0.444	0.02	0.59
1.26	0.99	0.87	3.00	0.58	98.795	2.966	0.585	0.02	0.87
1.27	0.98	1.16	3.98	0.73	98.695	3.934	0.726	0.02	1.16
1.28	0.98	1.44	4.96	0.87	98.596	4.900	0.867	0.02	1.44
1.29	0.97	1.72	5.93	1.01	98.499	5.855	1.006	0.02	1.72
1.30	0.96	1.99	6.89	1.14	98.401	6.800	1.143	0.02	1.99
1.31	0.95	2.27	7.84	1.28	98.303	7.734	1.279	0.02	2.27
1.32	0.95	2.53	8.79	1.42	98.204	8.667	1.414	0.03	2.53
1.33	0.94	2.80	9.73	1.55	98.103	9.589	1.547	0.03	2.80
1.34	0.93	3.06	10.66	1.68	98.000	10.500	1.678	0.03	3.06
1.35	0.93	3.31	11.59	1.81	97.310	11.405	1.808	0.04	3.31
1.36	0.92	3.57	12.51	1.94	95.903	12.288	1.934	0.06	3.57
1.37	0.91	3.82	13.42	2.07	93.331	13.137	2.056	0.09	3.82
1.38	0.91	4.07	14.33	2.20	90.000	13.956	2.174	0.13	4.07
1.39	0.90	4.32	15.23	2.32	84.301	14.715	2.286	0.21	4.32
1.40	0.89	4.57	16.12	2.45	77.256	15.402	2.387	0.30	4.57
1.41	3.10	4.91	19.22	2.84	69.670	17.562	2.697	1.38	4.91
1.42	3.66	5.25	22.88	3.23	67.424	20.030	3.012	1.75	5.25
1.43	4.07	5.58	26.95	3.58	59.848	22.466	3.290	2.40	5.58
1.44	4.34	5.92	31.29	3.91	52.273	24.734	3.531	3.04	5.92
1.45	4.47	6.25	35.76	4.20	42.424	26.631	3.725	3.77	6.25
1.46	4.45	7.55	40.21	4.57	34.848	28.181	3.936	4.25	7.55
1.47	4.30	8.85	44.51	4.98	27.273	29.354	4.132	4.59	8.85
1.48	4.00	10.14	48.51	5.41	18.027	30.075	4.276	4.81	10.14
1.49	3.56	11.42	52.07	5.82	12.490	30.520	4.380	4.57	11.42
1.50	2.98	12.69	55.05	6.19	8.733	30.780	4.450	3.99	12.69
1.51	2.63	13.77	57.68	6.54	7.162	30.968	4.507	3.58	13.77
1.52	2.59	14.84	60.27	6.89	5.564	31.112	4.555	3.59	14.84
1.53	2.52	15.90	62.79	7.26	4.863	31.235	4.599	3.52	15.90
1.54	2.42	16.96	65.21	7.62	4.440	31.342	4.642	3.39	16.96
1.55	2.30	18.01	67.51	7.97	3.876	31.432	4.680	3.24	18.01
1.56	2.14	18.98	69.65	8.31	3.336	31.503	4.712	3.03	18.98
1.57	1.95	19.95	71.60	8.63	2.850	31.559	4.739	2.78	19.95
1.58	1.74	20.91	73.34	8.92	2.444	31.601	4.761	2.49	20.91
1.59	1.49	21.86	74.83	9.17	2.149	31.633	4.778	2.14	21.86
1.60	1.22	22.81	76.05	9.39	1.904	31.656	4.791	1.75	22.81
1.61	1.06	23.94	77.11	9.59	1.807	31.675	4.803	1.53	23.94
1.62	1.03	25.07	78.14	9.80	1.711	31.693	4.814	1.48	25.07
1.63	1.00	26.19	79.14	10.00	1.615	31.709	4.825	1.44	26.19
1.64	0.95	27.30	80.09	10.21	1.519	31.724	4.835	1.37	27.30
1.65	0.89	28.41	80.98	10.41	1.425	31.736	4.845	1.29	28.41
1.66	0.82	29.09	81.80	10.60	1.333	31.747	4.853	1.19	29.09
1.67	0.74	29.76	82.54	10.77	1.243	31.757	4.860	1.07	29.76
1.68	0.66	30.42	83.20	10.92	1.156	31.764	4.866	0.96	30.42
1.69	0.56	31.09	83.76	11.06	1.072	31.770	4.871	0.81	31.09
1.70	0.45	31.74	84.21	11.17	0.992	31.775	4.875	0.65	31.74

1.71	0.40	32.35	84.61	11.27	0.921	31.778	4.878	0.58	32.35
1.72	0.40	32.95	85.01	11.37	0.841	31.782	4.881	0.58	32.95
1.73	0.39	33.55	85.40	11.47	0.761	31.785	4.884	0.57	33.55
1.74	0.39	34.14	85.79	11.58	0.680	31.787	4.886	0.57	34.14
1.75	0.38	34.73	86.17	11.68	0.600	31.790	4.888	0.55	34.73
1.76	0.37	35.43	86.54	11.78	0.521	31.791	4.890	0.54	35.43
1.77	0.35	36.12	86.89	11.88	0.442	31.793	4.892	0.51	36.12
1.78	0.34	36.80	87.23	11.98	0.365	31.794	4.893	0.50	36.80
1.79	0.32	37.49	87.55	12.07	0.290	31.795	4.894	0.47	37.49
1.80	0.30	38.17	87.85	12.16	0.216	31.796	4.895	0.44	38.17
1.81	0.29	38.82	88.14	12.25	0.146	31.796	4.895	0.42	38.82
1.82	0.29	39.47	88.43	12.33	0.078	31.797	4.895	0.42	39.47
1.83	0.29	40.11	88.72	12.43	0.013	31.797	4.895	0.43	40.11
1.84	0.29	40.75	89.01	12.52	0.0	31.797	4.895	0.43	40.75
1.85	0.28	41.39	89.29	12.61	0.0	31.797	4.895	0.41	41.39
1.86	0.27	41.74	89.56	12.70	0.0	31.797	4.895	0.40	41.74
1.87	0.26	42.08	89.82	12.78	0.0	31.797	4.895	0.38	42.08
1.88	0.24	42.42	90.06	12.86	0.0	31.797	4.895	0.35	42.42
1.89	0.22	42.77	90.28	12.93	0.0	31.797	4.895	0.32	42.77
1.90	0.20	43.11	90.48	13.00	0.0	31.797	4.895	0.29	43.11
1.91	0.22	43.11	90.70	13.07	0.0	31.797	4.895	0.32	43.11
1.92	0.18	43.11	90.88	13.13	0.0	31.797	4.895	0.26	43.11
1.93	0.15	43.11	91.03	13.18	0.0	31.797	4.895	0.22	43.11
1.94	0.13	43.11	91.16	13.22	0.0	31.797	4.895	0.19	43.11
1.95	0.12	43.11	91.28	13.26	0.0	31.797	4.895	0.18	43.11
1.96	0.06	44.90	91.34	13.28	0.0	31.797	4.895	0.09	44.90
1.97	0.06	46.68	91.40	13.31	0.0	31.797	4.895	0.09	46.68
1.98	0.07	48.46	91.47	13.33	0.0	31.797	4.895	0.10	48.46
1.99	0.08	50.22	91.55	13.37	0.0	31.797	4.895	0.12	50.22
2.00	0.10	51.97	91.65	13.41	0.0	31.797	4.895	0.15	51.97
2.01	0.03	53.22	91.68	13.42	0.0	31.797	4.895	0.04	53.22
2.02	0.04	54.46	91.72	13.44	0.0	31.797	4.895	0.06	54.46
2.03	0.05	55.69	91.77	13.46	0.0	31.797	4.895	0.07	55.69
2.04	0.05	56.92	91.82	13.49	0.0	31.797	4.895	0.07	56.92
2.05	0.05	58.14	91.87	13.51	0.0	31.797	4.895	0.07	58.14
2.06	0.50	58.14	92.37	13.75	0.0	31.797	4.895	0.73	58.14
2.07	0.46	58.14	92.83	13.97	0.0	31.797	4.895	0.67	58.14
2.08	0.39	58.14	93.22	14.16	0.0	31.797	4.895	0.57	58.14
2.09	0.30	58.14	93.52	14.30	0.0	31.797	4.895	0.44	58.14
2.10	0.19	58.15	93.71	14.39	0.0	31.797	4.895	0.28	58.15
2.11	0.05	58.17	93.76	14.41	0.0	31.797	4.895	0.07	58.17
2.12	0.05	58.20	93.81	14.43	0.0	31.797	4.895	0.07	58.20
2.13	0.04	58.22	93.85	14.45	0.0	31.797	4.895	0.06	58.22
2.14	0,03	58.25	93.88	14.47	0.0	31.797	4.895	0.04	58.25
2.15	0.03	58.27	93.91	14.48	0.0	31.797	4.895	0.04	58.27
2.16	0.03	58.35	93.94	14.49	0.0	31.797	4.895	0.04	58.35
2.17	0.03	58.42	93.97	14.51	0.0	31.797	4.895	0.04	58.42
2.18	0.03	58.49	94.00	14.52	0.0	31.797	4.895	0.04	58.49
2.19	0.03	58.57	94.03	14.54	0.0	31.797	4.895	0.04	58.57
2.20	0.04	58.64	94.07	14.55	0.0	31.797	4.895	0.06	58.64
2.21	0.06	58.64	94.13	14.58	0.0	31.797	4.895	0.09	58.64
2.22	0.06	58.64	94.19	14.61	0.0	31.797	4.895	0.09	58.64
2.23	0.06	58.64	94.25	14.64	0.0	31.797	4.895	0.09	58.64
2.24	0.07	58.64	94.32	14.67	0.0	31.797	4.895	0.10	58.64
2.25	0.07	58.64	94.39	14.70	0.0	31.797	4.895	0.10	58.64
2.26	0.03	58.98	94.42	14.72	0.0	31.797	4.895	0.04	58.98
2.27	0.04	59.32	94.46	14.74	0.0	31.797	4.895	0.06	59.32
2.28	0.04	59.65	94.50	14.76	0.0	31.797	4.895	0.06	59.65
2.29	0.04	59.98	94.54	14.77	0.0	31.797	4.895	0.06	59.98
2.30	0.04	60.32	94.58	14.79	0.0	31.797	4.895	0.06	60.32

2.31	0.19	60.64	94.77	14.89	0.0	31.797	4.895	0.28	60.64
2.32	0.19	60.97	94.96	14.98	0.0	31.797	4.895	0.28	60.97
2.33	0.19	61.29	95.15	15.07	0.0	31.797	4.895	0.28	61.29
2.34	0.19	61.61	95.34	15.16	0.0	31.797	4.895	0.28	61.61
2.35	0.19	61.93	95.53	15.26	0.0	31.797	4.895	0.28	61.93
2.36	0.19	62.25	95.72	15.35	0.0	31.797	4.895	0.28	62.25
2.37	0.19	62.57	95.91	15.44	0.0	31.797	4.895	0.28	62.57
2.38	0.19	62.88	96.10	15.54	0.0	31.797	4.895	0.28	62.88
2.39	0.19	63.20	96.29	15.63	0.0	31.797	4.895	0.28	63.20
2.40	0.18	63.51	96.47	15.72	0.0	31.797	4.895	0.26	63.51
2.41	0.18	63.82	96.66	15.81	0.0	31.797	4.895	0.26	63.82
2.42	0.18	64.13	96.83	15.90	0.0	31.797	4.895	0.26	64.13
2.43	0.18	64.44	97.01	15.99	0.0	31.797	4.895	0.26	64.44
2.44	0.18	64.75	97.19	16.08	0.0	31.797	4.895	0.26	64.75
2.45	0.18	65.05	97.37	16.17	0.0	31.797	4.895	0.26	65.05
2.46	0.18	67.18	97.55	16.26	0.0	31.797	4.895	0.26	67.18
2.47	0.18	69.29	97.73	16.36	0.0	31.797	4.895	0.26	69.29
2.48	0.18	71.39	97.91	16.46	0.0	31.797	4.895	0.26	71.39
2.49	0.18	73.49	98.09	16.57	0.0	31.797	4.895	0.26	73.49
2.50	0.18	75.58	98.27	16.68	0.0	31.797	4.895	0.26	75.58
2.51	0.18	77.65	98.45	16.79	0.0	31.797	4.895	0.26	77.65
2.52	0.18	79.72	98.63	16.90	0.0	31.797	4.895	0.26	79.72
2.53	0.17	81.79	98.80	17.01	0.0	31.797	4.895	0.25	81.79
2.54	0.17	83.84	98.97	17.13	0.0	31.797	4.895	0.25	83.84
2.55	0.17	85.89	99.14	17.25	0.0	31.797	4.895	0.25	85.89
2.56	0.17	87.93	99.31	17.37	0.0	31.797	4.895	0.25	87.93
2.57	0.17	89.96	99.48	17.49	0.0	31.797	4.895	0.25	89.96
2.58	0.17	91.98	99.65	17.62	0.0	31.797	4.895	0.25	91.98
2.59	0.17	93.99	99.82	17.75	0.0	31.797	4.895	0.26	93.99
2.60	0.17	96.00	99.99	17.88	0.0	31.797	4.895	0.25	96.00

		CLEAN COAL ASH %	4.90	REFUSE ASH %	23.94
HEAD ASH %	17.88	CLEAN COAL YIELD%	31.80	REFUSE YIELD%	68.20
THEO. YIELD	43.59	ECART PROB. MOYEN	0.0330		
SG OF SEPARATION	1.468	IMPERFECTION	0.023		
NEAR GRAVITY MAT	57.956				
ORGANIC EFFCY.	72.95				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 30 WID: WA1 EQUIPE HMC SG-ASH 5.00 EP 0.075 SG 1.47

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL SINK WT%	CUM. ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.018	0.0	0.010	0.0	0.01
1.24	0.23	0.12	0.23	0.12	97.973	0.225	0.120	0.01	0.12
1.25	0.23	0.22	0.46	0.17	97.833	0.450	0.170	0.01	0.22
1.26	0.23	0.33	0.69	0.22	97.459	0.675	0.223	0.01	0.33
1.27	0.23	0.43	0.92	0.27	96.934	0.897	0.275	0.01	0.43
1.28	0.23	0.54	1.15	0.33	96.313	1.119	0.327	0.01	0.54
1.29	0.22	0.64	1.37	0.38	95.650	1.329	0.377	0.02	0.64
1.30	0.22	0.74	1.59	0.43	95.000	1.538	0.426	0.02	0.74
1.31	0.22	0.84	1.81	0.48	94.360	1.746	0.475	0.02	0.84
1.32	0.22	1.01	2.03	0.54	93.583	1.952	0.532	0.02	1.01
1.33	0.22	1.25	2.25	0.61	92.510	2.155	0.599	0.03	1.25
1.34	0.22	1.48	2.47	0.68	90.984	2.356	0.674	0.03	1.48
1.35	0.21	1.72	2.68	0.76	87.675	2.540	0.750	0.04	1.72
1.36	0.21	1.95	2.89	0.85	85.012	2.718	0.829	0.05	1.95
1.37	0.21	2.18	3.10	0.94	82.078	2.891	0.909	0.06	2.18
1.38	0.21	2.41	3.31	1.03	78.940	3.056	0.991	0.07	2.41
1.39	0.21	2.63	3.52	1.13	75.665	3.215	1.072	0.09	2.63
1.40	0.21	2.86	3.73	1.23	71.667	3.366	1.152	0.10	2.86
1.41	4.44	2.88	8.17	2.13	68.333	6.400	1.971	2.37	2.88
1.42	6.05	2.89	14.22	2.45	65.000	10.332	2.321	3.57	2.89
1.43	7.21	2.91	21.43	2.61	61.667	14.778	2.498	4.66	2.91
1.44	7.93	2.93	29.36	2.69	58.333	19.404	2.601	5.57	2.93
1.45	8.19	2.95	37.55	2.75	55.000	23.909	2.667	6.21	2.95
1.46	8.00	4.48	45.55	3.05	51.667	28.042	2.934	6.51	4.48
1.47	7.37	6.00	52.92	3.46	48.333	31.604	3.280	6.42	6.00
1.48	6.28	7.51	59.20	3.89	46.667	34.535	3.639	5.64	7.51
1.49	4.75	9.01	63.95	4.27	43.333	36.593	3.941	4.53	9.01
1.50	2.76	10.49	66.71	4.53	40.000	37.697	4.133	2.79	10.49
1.51	1.58	12.29	68.29	4.71	36.667	38.277	4.256	1.69	12.29
1.52	1.48	14.07	69.77	4.91	33.333	38.770	4.381	1.66	14.07
1.53	1.38	15.84	71.15	5.12	30.000	39.184	4.502	1.63	15.84
1.54	1.27	17.59	72.42	5.34	26.667	39.523	4.614	1.57	17.59
1.55	1.15	19.34	73.57	5.56	21.793	39.773	4.707	1.52	19.34
1.56	1.03	19.84	74.60	5.75	18.848	39.967	4.780	1.41	19.84
1.57	0.89	20.34	75.49	5.93	16.182	40.111	4.836	1.26	20.34
1.58	0.75	20.83	76.24	6.07	13.808	40.215	4.877	1.09	20.83
1.59	0.59	21.33	76.83	6.19	11.742	40.284	4.906	0.88	21.33
1.60	0.43	21.82	77.26	6.28	10.000	40.327	4.924	0.65	21.82
1.61	0.35	22.63	77.61	6.35	8.566	40.357	4.937	0.54	22.63
1.62	0.37	23.45	77.98	6.43	7.399	40.385	4.950	0.58	23.45
1.63	0.37	24.26	78.35	6.52	6.479	40.409	4.961	0.58	24.26
1.64	0.37	25.06	78.72	6.60	5.783	40.430	4.972	0.59	25.06
1.65	0.36	25.86	79.08	6.69	5.289	40.449	4.981	0.57	25.86
1.66	0.34	26.51	79.42	6.78	4.976	40.466	4.990	0.54	26.51
1.67	0.32	27.17	79.74	6.86	4.752	40.481	4.999	0.51	27.17
1.68	0.28	27.81	80.02	6.93	4.501	40.494	5.006	0.45	27.81
1.69	0.24	28.46	80.26	7.00	4.250	40.504	5.012	0.39	28.46
1.70	0.20	29.10	80.46	7.05	4.001	40.512	5.017	0.32	29.10

1.71	0.17	29.68	80.63	7.10	3.756	40.518	5.020	0.28	29.68
1.72	0.16	30.26	80.79	7.14	3.517	40.524	5.024	0.26	30.26
1.73	0.15	30.83	80.94	7.19	3.287	40.529	5.027	0.24	30.83
1.74	0.15	31.40	81.09	7.23	3.068	40.533	5.030	0.24	31.40
1.75	0.14	31.97	81.23	7.28	2.862	40.537	5.033	0.23	31.97
1.76	0.14	32.53	81.37	7.32	2.672	40.541	5.035	0.23	32.53
1.77	0.13	33.09	81.50	7.36	2.500	40.544	5.037	0.21	33.09
1.78	0.13	33.65	81.63	7.40	2.348	40.547	5.040	0.21	33.65
1.79	0.13	34.20	81.76	7.44	2.219	40.550	5.042	0.21	34.20
1.80	0.12	34.75	81.88	7.48	2.114	40.553	5.044	0.20	34.75
1.81	0.12	35.30	82.00	7.53	2.037	40.555	5.045	0.20	35.30
1.82	0.12	35.85	82.12	7.57	1.989	40.558	5.047	0.20	35.85
1.83	0.12	36.39	82.24	7.61	1.958	40.560	5.049	0.20	36.39
1.84	0.11	36.93	82.35	7.65	1.915	40.562	5.051	0.18	36.93
1.85	0.11	37.46	82.46	7.69	1.873	40.564	5.052	0.18	37.46
1.86	0.11	38.00	82.57	7.73	1.830	40.566	5.054	0.18	38.00
1.87	0.11	38.53	82.68	7.77	1.788	40.568	5.056	0.18	38.53
1.88	0.11	39.06	82.79	7.81	1.745	40.570	5.057	0.18	39.06
1.89	0.11	39.58	82.90	7.85	1.703	40.572	5.059	0.18	39.58
1.90	0.11	40.10	83.01	7.90	1.660	40.574	5.060	0.18	40.10
1.91	0.11	40.88	83.12	7.94	1.618	40.576	5.062	0.18	40.88
1.92	0.12	41.65	83.24	7.99	1.576	40.578	5.064	0.20	41.65
1.93	0.12	42.41	83.36	8.04	1.534	40.579	5.065	0.20	42.41
1.94	0.12	43.17	83.48	8.09	1.492	40.581	5.067	0.20	43.17
1.95	0.12	43.93	83.60	8.14	1.450	40.583	5.069	0.20	43.93
1.96	0.13	44.69	83.73	8.20	1.409	40.585	5.070	0.22	44.69
1.97	0.13	45.44	83.86	8.25	1.368	40.586	5.072	0.22	45.44
1.98	0.13	46.18	83.99	8.31	1.328	40.588	5.074	0.22	46.18
1.99	0.14	46.93	84.13	8.38	1.288	40.590	5.076	0.23	46.93
2.00	0.14	47.66	84.27	8.44	1.249	40.592	5.078	0.23	47.66
2.01	0.15	48.40	84.42	8.51	1.210	40.594	5.080	0.25	48.40
2.02	0.15	49.13	84.57	8.59	1.171	40.595	5.082	0.25	49.13
2.03	0.16	49.86	84.73	8.66	1.134	40.597	5.084	0.27	49.86
2.04	0.17	50.58	84.90	8.75	1.097	40.599	5.086	0.28	50.58
2.05	0.17	51.30	85.07	8.83	1.060	40.601	5.088	0.28	51.30
2.06	0.18	52.02	85.25	8.92	1.025	40.603	5.090	0.30	52.02
2.07	0.19	52.73	85.44	9.02	0.990	40.605	5.092	0.32	52.73
2.08	0.20	53.45	85.64	9.12	0.965	40.606	5.094	0.33	53.45
2.09	0.21	54.15	85.85	9.23	0.930	40.608	5.097	0.35	54.15
2.10	0.21	54.86	86.06	9.35	0.895	40.610	5.099	0.35	54.86
2.11	0.31	55.33	86.37	9.51	0.860	40.613	5.102	0.52	55.33
2.12	0.31	55.80	86.68	9.68	0.824	40.616	5.105	0.52	55.80
2.13	0.31	56.26	86.99	9.84	0.789	40.618	5.109	0.52	56.26
2.14	0.31	56.73	87.30	10.01	0.753	40.620	5.111	0.52	56.73
2.15	0.30	57.19	87.60	10.17	0.718	40.622	5.114	0.50	57.19
2.16	0.30	57.65	87.90	10.33	0.682	40.625	5.117	0.50	57.65
2.17	0.30	58.11	88.20	10.50	0.647	40.626	5.119	0.50	58.11
2.18	0.30	58.57	88.50	10.66	0.612	40.628	5.122	0.50	58.57
2.19	0.30	59.02	88.80	10.82	0.576	40.630	5.124	0.50	59.02
2.20	0.30	59.47	89.10	10.99	0.541	40.632	5.126	0.50	59.47
2.21	0.30	59.92	89.40	11.15	0.506	40.633	5.128	0.50	59.92
2.22	0.29	60.37	89.69	11.31	0.472	40.635	5.130	0.49	60.37
2.23	0.29	60.81	89.98	11.47	0.437	40.636	5.132	0.49	60.81
2.24	0.29	61.26	90.27	11.63	0.403	40.637	5.134	0.49	61.26
2.25	0.29	61.70	90.56	11.79	0.369	40.638	5.135	0.49	61.70
2.26	0.29	62.14	90.85	11.95	0.336	40.639	5.136	0.49	62.14
2.27	0.29	62.58	91.14	12.11	0.303	40.640	5.138	0.49	62.58
2.28	0.29	63.01	91.43	12.27	0.270	40.641	5.139	0.49	63.01
2.29	0.29	63.45	91.72	12.43	0.237	40.641	5.140	0.49	63.45
2.30	0.28	63.88	92.00	12.59	0.205	40.642	5.141	0.47	63.88

2.31	0.28	64.31	92.28	12.75	0.174	40.642	5.141	0.47	64.31
2.32	0.28	64.74	92.56	12.90	0.143	40.643	5.142	0.47	64.74
2.33	0.28	65.17	92.84	13.06	0.113	40.643	5.142	0.47	65.17
2.34	0.28	65.59	93.12	13.22	0.083	40.643	5.143	0.47	65.59
2.35	0.28	66.01	93.40	13.38	0.054	40.644	5.143	0.47	66.01
2.36	0.28	67.27	93.68	13.54	0.025	40.644	5.143	0.47	67.27
2.37	0.28	68.53	93.96	13.70	0.0	40.644	5.143	0.47	68.53
2.38	0.27	69.78	94.23	13.86	0.0	40.644	5.143	0.45	69.78
2.39	0.27	71.02	94.50	14.03	0.0	40.644	5.143	0.45	71.02
2.40	0.27	72.26	94.77	14.19	0.0	40.644	5.143	0.45	72.26
2.41	0.27	73.49	95.04	14.36	0.0	40.644	5.143	0.45	73.49
2.42	0.27	74.72	95.31	14.53	0.0	40.644	5.143	0.45	74.72
2.43	0.27	75.94	95.58	14.71	0.0	40.644	5.143	0.45	75.94
2.44	0.27	77.16	95.85	14.88	0.0	40.644	5.143	0.45	77.16
2.45	0.27	78.37	96.12	15.06	0.0	40.644	5.143	0.45	78.37
2.46	0.27	79.58	96.39	15.24	0.0	40.644	5.143	0.45	79.58
2.47	0.26	80.79	96.65	15.42	0.0	40.644	5.143	0.44	80.79
2.48	0.26	81.98	96.91	15.60	0.0	40.644	5.143	0.44	81.98
2.49	0.26	83.18	97.17	15.78	0.0	40.644	5.143	0.44	83.18
2.50	0.26	84.37	97.43	15.96	0.0	40.644	5.143	0.44	84.37
2.51	0.26	85.55	97.69	16.14	0.0	40.644	5.143	0.44	85.55
2.52	0.26	86.73	97.95	16.33	0.0	40.644	5.143	0.44	86.73
2.53	0.26	87.90	98.21	16.52	0.0	40.644	5.143	0.44	87.90
2.54	0.26	89.08	98.47	16.71	0.0	40.644	5.143	0.44	89.08
2.55	0.26	90.24	98.73	16.91	0.0	40.644	5.143	0.44	90.24
2.56	0.25	91.40	98.98	17.09	0.0	40.644	5.143	0.42	91.40
2.57	0.25	92.56	99.23	17.29	0.0	40.644	5.143	0.42	92.56
2.58	0.25	93.71	99.48	17.48	0.0	40.644	5.143	0.42	93.71
2.59	0.25	94.86	99.73	17.67	0.0	40.644	5.143	0.42	94.86
2.60	0.25	96.00	99.98	17.87	0.0	40.644	5.143	0.42	96.00

		CLEAN COAL ASH %	5.14	REFUSE ASH %	26.58
HEAD ASH %	17.87	CLEAN COAL YIELD%	40.64	REFUSE YIELD%	59.36
THEO. YIELD	71.28	ECART PROB. MOYEN	0.0747		
SG OF SEPARATION	1.531	IMPERFECTION	0.051		
NEAR GRAVITY MAT	56.128				
ORGANIC EFFCY.	57.02				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 46 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 21.52 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.018	0.0	0.010	0.0	0.01
1.24	1.19	0.26	1.19	0.26	97.973	1.166	0.260	0.05	0.26
1.25	1.18	0.51	2.37	0.38	97.833	2.320	0.384	0.05	0.51
1.26	1.17	0.76	3.54	0.51	97.459	3.461	0.508	0.06	0.76
1.27	1.16	1.01	4.70	0.63	96.934	4.585	0.631	0.07	1.01
1.28	1.15	1.25	5.85	0.75	96.313	5.693	0.752	0.08	1.25
1.29	1.15	1.49	7.00	0.87	95.650	6.793	0.871	0.10	1.49
1.30	1.14	1.74	8.14	1.00	95.000	7.876	0.991	0.11	1.74
1.31	1.13	1.97	9.27	1.11	94.360	8.942	1.107	0.12	1.97
1.32	1.12	2.24	10.39	1.24	93.583	9.990	1.226	0.14	2.24
1.33	1.11	2.53	11.50	1.36	92.510	11.017	1.348	0.16	2.53
1.34	1.10	2.81	12.60	1.49	90.984	12.018	1.470	0.19	2.81
1.35	1.09	3.09	13.69	1.61	87.675	12.973	1.589	0.26	3.09
1.36	1.09	3.38	14.78	1.75	85.012	13.900	1.708	0.32	3.38
1.37	1.08	3.66	15.86	1.88	82.078	14.786	1.825	0.37	3.66
1.38	1.07	3.93	16.93	2.01	78.940	15.631	1.939	0.44	3.93
1.39	1.06	4.21	17.99	2.14	75.665	16.433	2.050	0.50	4.21
1.40	1.06	4.48	19.05	2.27	71.667	17.193	2.157	0.58	4.48
1.41	3.70	4.53	22.75	2.63	68.333	19.721	2.461	2.27	4.53
1.42	4.60	4.58	27.35	2.96	65.000	22.711	2.740	3.12	4.58
1.43	5.25	4.63	32.60	3.23	61.667	25.949	2.976	3.90	4.63
1.44	5.67	4.68	38.27	3.44	58.333	29.256	3.169	4.57	4.68
1.45	5.84	4.73	44.11	3.61	55.000	32.468	3.323	5.09	4.73
1.46	5.78	5.66	49.89	3.85	51.667	35.454	3.520	5.41	5.66
1.47	5.48	6.59	55.37	4.12	48.333	38.103	3.733	5.48	6.59
1.48	4.94	7.52	60.31	4.40	46.667	40.408	3.949	5.10	7.52
1.49	4.16	8.44	64.47	4.66	43.333	42.211	4.141	4.56	8.44
1.50	3.15	9.35	67.62	4.88	40.000	43.471	4.292	3.66	9.35
1.51	2.52	10.43	70.14	5.08	36.667	44.386	4.420	3.09	10.43
1.52	2.41	11.50	72.55	5.29	33.333	45.198	4.546	3.11	11.50
1.53	2.29	12.56	74.84	5.52	30.000	45.885	4.666	3.10	12.56
1.54	2.15	13.62	76.99	5.74	26.667	46.459	4.776	3.05	13.62
1.55	1.98	14.67	78.97	5.97	21.793	46.890	4.867	3.00	14.67
1.56	1.80	15.18	80.77	6.17	18.848	47.230	4.941	2.83	15.18
1.57	1.59	15.69	82.36	6.35	16.182	47.487	5.000	2.58	15.69
1.58	1.36	16.20	83.72	6.51	13.808	47.675	5.044	2.27	16.20
1.59	1.12	16.71	84.84	6.65	11.742	47.806	5.076	1.91	16.71
1.60	0.85	17.21	85.69	6.75	10.000	47.891	5.097	1.48	17.21
1.61	0.72	17.93	86.41	6.85	8.566	47.953	5.114	1.27	17.93
1.62	0.72	18.64	87.13	6.94	7.399	48.006	5.129	1.29	18.64
1.63	0.71	19.35	87.84	7.04	6.479	48.052	5.143	1.29	19.35
1.64	0.68	20.06	88.52	7.14	5.783	48.091	5.155	1.24	20.06
1.65	0.65	20.76	89.17	7.24	5.289	48.126	5.166	1.19	20.76
1.66	0.60	21.38	89.77	7.34	4.976	48.156	5.176	1.10	21.38
1.67	0.55	21.99	90.32	7.43	4.752	48.182	5.185	1.01	21.99
1.68	0.48	22.61	90.80	7.51	4.601	48.203	5.193	0.89	22.61
1.69	0.40	23.22	91.20	7.58	4.250	48.220	5.199	0.74	23.22
1.70	0.30	23.82	91.50	7.63	4.001	48.232	5.204	0.56	23.82

1.71	0.26	24.51	91.76	7.68	3.756	48.242	5.208	0.48	24.51
1.72	0.26	25.19	92.02	7.73	3.517	48.251	5.212	0.49	25.19
1.73	0.27	25.86	92.29	7.78	3.287	48.260	5.215	0.51	25.86
1.74	0.26	26.54	92.55	7.83	3.068	48.268	5.219	0.49	26.54
1.75	0.25	27.21	92.80	7.89	2.862	48.275	5.222	0.47	27.21
1.76	0.23	27.73	93.03	7.93	2.672	48.281	5.225	0.43	27.73
1.77	0.21	28.25	93.24	7.98	2.500	48.287	5.228	0.40	28.25
1.78	0.18	28.76	93.42	8.02	2.348	48.291	5.230	0.34	28.76
1.79	0.15	29.27	93.57	8.05	2.219	48.294	5.231	0.28	29.27
1.80	0.11	29.78	93.68	8.08	2.114	48.297	5.232	0.21	29.78
1.81	0.08	30.22	93.76	8.10	2.037	48.298	5.233	0.15	30.22
1.82	0.08	30.65	93.84	8.12	1.989	48.300	5.234	0.15	30.65
1.83	0.08	31.08	93.92	8.14	1.958	48.301	5.235	0.15	31.08
1.84	0.08	31.51	94.00	8.16	1.915	48.303	5.236	0.15	31.51
1.85	0.08	31.94	94.08	8.18	1.873	48.304	5.237	0.15	31.94
1.86	0.08	32.36	94.16	8.20	1.830	48.306	5.237	0.15	32.36
1.87	0.08	32.79	94.24	8.22	1.788	48.307	5.238	0.15	32.79
1.88	0.08	33.21	94.32	8.24	1.745	48.309	5.239	0.15	33.21
1.89	0.08	33.63	94.40	8.26	1.703	48.310	5.240	0.15	33.63
1.90	0.08	34.04	94.48	8.28	1.660	48.311	5.241	0.15	34.04
1.91	0.08	34.45	94.56	8.31	1.618	48.313	5.241	0.15	34.45
1.92	0.08	34.87	94.64	8.33	1.576	48.314	5.242	0.15	34.87
1.93	0.08	35.27	94.72	8.35	1.534	48.315	5.243	0.15	35.27
1.94	0.08	35.68	94.80	8.37	1.492	48.316	5.244	0.15	35.68
1.95	0.08	36.09	94.88	8.40	1.450	48.317	5.244	0.15	36.09
1.96	0.08	36.78	94.96	8.42	1.409	48.319	5.245	0.15	36.78
1.97	0.08	37.47	95.04	8.45	1.368	48.320	5.246	0.15	37.47
1.98	0.08	38.15	95.12	8.47	1.328	48.321	5.247	0.15	38.15
1.99	0.08	38.83	95.20	8.50	1.288	48.322	5.247	0.15	38.83
2.00	0.08	39.51	95.28	8.52	1.249	48.323	5.248	0.15	39.51
2.01	0.08	40.19	95.36	8.55	1.210	48.324	5.249	0.15	40.19
2.02	0.08	40.86	95.44	8.58	1.171	48.325	5.250	0.15	40.86
2.03	0.08	41.53	95.52	8.60	1.134	48.326	5.250	0.15	41.53
2.04	0.08	42.19	95.60	8.63	1.097	48.326	5.251	0.15	42.19
2.05	0.08	42.85	95.68	8.66	1.060	48.327	5.252	0.15	42.85
2.06	0.08	43.51	95.76	8.69	1.025	48.328	5.252	0.15	43.51
2.07	0.08	44.17	95.84	8.72	0.990	48.329	5.253	0.15	44.17
2.08	0.08	44.82	95.92	8.75	0.965	48.330	5.253	0.15	44.82
2.09	0.08	45.47	96.00	8.78	0.930	48.330	5.254	0.15	45.47
2.10	0.08	46.12	96.08	8.81	0.895	48.331	5.255	0.15	46.12
2.11	0.09	46.61	96.17	8.85	0.860	48.332	5.255	0.17	46.61
2.12	0.09	47.10	96.26	8.88	0.824	48.333	5.256	0.17	47.10
2.13	0.09	47.59	96.35	8.92	0.789	48.333	5.257	0.17	47.59
2.14	0.08	48.07	96.43	8.95	0.753	48.334	5.257	0.15	48.07
2.15	0.08	48.56	96.51	8.98	0.718	48.335	5.258	0.15	48.56
2.16	0.08	49.04	96.59	9.02	0.682	48.335	5.258	0.15	49.04
2.17	0.08	49.52	96.67	9.05	0.647	48.336	5.259	0.15	49.52
2.18	0.08	50.00	96.75	9.08	0.612	48.336	5.259	0.15	50.00
2.19	0.08	50.47	96.83	9.12	0.576	48.337	5.260	0.15	50.47
2.20	0.08	50.94	96.91	9.15	0.541	48.337	5.260	0.15	50.94
2.21	0.08	51.42	96.99	9.19	0.506	48.337	5.260	0.15	51.42
2.22	0.08	51.88	97.07	9.22	0.472	48.338	5.261	0.15	51.88
2.23	0.08	52.35	97.15	9.26	0.437	48.338	5.261	0.15	52.35
2.24	0.08	52.81	97.23	9.29	0.403	48.338	5.261	0.15	52.81
2.25	0.08	53.28	97.31	9.33	0.369	48.339	5.262	0.15	53.28
2.26	0.08	53.74	97.39	9.37	0.336	48.339	5.262	0.15	53.74
2.27	0.08	54.20	97.47	9.40	0.303	48.339	5.262	0.15	54.20
2.28	0.08	54.65	97.55	9.44	0.270	48.340	5.262	0.15	54.65
2.29	0.08	55.11	97.63	9.48	0.237	48.340	5.263	0.15	55.11
2.30	0.08	55.56	97.71	9.52	0.205	48.340	5.263	0.15	55.56

2.31	0.08	56.01	97.79	9.55	0.174	48.340	5.263	0.15	56.01
2.32	0.08	56.46	97.87	9.59	0.143	48.340	5.263	0.15	56.46
2.33	0.08	56.90	97.95	9.63	0.113	48.340	5.263	0.15	56.90
2.34	0.08	57.35	98.03	9.67	0.083	48.340	5.263	0.15	57.35
2.35	0.08	57.79	98.11	9.71	0.054	48.340	5.263	0.15	57.79
2.36	0.08	59.40	98.19	9.75	0.025	48.340	5.263	0.15	59.40
2.37	0.08	60.99	98.27	9.79	0.0	48.340	5.263	0.15	60.99
2.38	0.08	62.59	98.35	9.83	0.0	48.340	5.263	0.15	62.59
2.39	0.08	64.17	98.43	9.88	0.0	48.340	5.263	0.15	64.17
2.40	0.08	65.75	98.51	9.92	0.0	48.340	5.263	0.15	65.75
2.41	0.08	67.32	98.59	9.97	0.0	48.340	5.263	0.15	67.32
2.42	0.08	68.88	98.67	10.02	0.0	48.340	5.263	0.15	68.88
2.43	0.07	70.44	98.74	10.06	0.0	48.340	5.263	0.14	70.44
2.44	0.07	72.00	98.81	10.10	0.0	48.340	5.263	0.14	72.00
2.45	0.07	73.54	98.88	10.15	0.0	48.340	5.263	0.14	73.54
2.46	0.07	75.08	98.95	10.20	0.0	48.340	5.263	0.14	75.08
2.47	0.07	76.61	99.02	10.24	0.0	48.340	5.263	0.14	76.61
2.48	0.07	78.14	99.09	10.29	0.0	48.340	5.263	0.14	78.14
2.49	0.07	79.66	99.16	10.34	0.0	48.340	5.263	0.14	79.66
2.50	0.07	81.18	99.23	10.39	0.0	48.340	5.263	0.14	81.18
2.51	0.07	82.69	99.30	10.44	0.0	48.340	5.263	0.14	82.69
2.52	0.07	84.19	99.37	10.49	0.0	48.340	5.263	0.14	84.19
2.53	0.07	85.68	99.44	10.54	0.0	48.340	5.263	0.14	85.68
2.54	0.07	87.18	99.51	10.60	0.0	48.340	5.263	0.14	87.18
2.55	0.07	88.66	99.58	10.65	0.0	48.340	5.263	0.14	88.66
2.56	0.07	90.14	99.65	10.71	0.0	48.340	5.263	0.14	90.14
2.57	0.07	91.61	99.72	10.77	0.0	48.340	5.263	0.14	91.61
2.58	0.07	93.08	99.79	10.82	0.0	48.340	5.263	0.14	93.08
2.59	0.07	94.54	99.86	10.88	0.0	48.340	5.263	0.14	94.54
2.60	0.07	96.00	99.93	10.94	0.0	48.340	5.263	0.14	96.00

		CLEAN COAL ASH %	5.26	REFUSE ASH %	16.26
HEAD ASH %	10.94	CLEAN COAL YIELD%	48.34	REFUSE YIELD%	51.66
THEO. YIELD	72.22	ECART PROB. MOYEN	0.0747		
SG OF SEPARATION	1.519	IMPERFECTION	0.051		
NEAR GRAVITY MAT	60.318				
ORGANIC EFFCY.	66.94				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 2 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.23 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.018	0.0	0.010	0.0	0.01
1.24	3.31	0.16	3.31	0.16	97.973	3.243	0.160	0.14	0.16
1.25	3.28	0.30	6.59	0.23	97.833	6.452	0.230	0.15	0.30
1.26	3.24	0.44	9.83	0.30	97.459	9.609	0.299	0.18	0.44
1.27	3.20	0.59	13.03	0.37	96.934	12.711	0.370	0.21	0.59
1.28	3.14	0.73	16.17	0.44	96.319	15.736	0.439	0.25	0.73
1.29	3.08	0.87	19.25	0.51	95.650	18.682	0.507	0.29	0.87
1.30	3.00	1.01	22.25	0.58	95.000	21.532	0.574	0.32	1.01
1.31	2.91	1.14	25.16	0.64	94.360	24.277	0.638	0.35	1.14
1.32	2.82	1.50	27.98	0.73	93.583	26.917	0.722	0.39	1.50
1.33	2.71	2.06	30.69	0.85	92.510	29.424	0.836	0.43	2.06
1.34	2.60	2.62	33.29	0.98	90.984	31.789	0.969	0.50	2.62
1.35	2.47	3.17	35.76	1.14	87.675	33.955	1.109	0.65	3.17
1.36	2.33	3.72	38.09	1.29	85.012	35.935	1.253	0.75	3.72
1.37	2.19	4.27	40.28	1.46	82.078	37.733	1.397	0.84	4.27
1.38	2.03	4.81	42.31	1.62	78.940	39.335	1.536	0.91	4.81
1.39	1.87	5.35	44.18	1.77	75.668	40.750	1.668	0.97	5.35
1.40	1.69	5.88	45.87	1.93	71.667	41.962	1.790	1.02	5.88
1.41	1.58	6.34	47.45	2.07	68.333	43.041	1.904	1.07	6.34
1.42	1.55	6.79	49.00	2.22	65.000	44.049	2.016	1.16	6.79
1.43	1.52	7.23	50.52	2.37	61.667	44.986	2.124	1.25	7.23
1.44	1.49	7.67	52.01	2.52	58.333	45.855	2.230	1.33	7.67
1.45	1.46	8.11	53.47	2.68	55.000	46.658	2.331	1.41	8.11
1.46	1.44	8.84	54.91	2.84	51.667	47.402	2.433	1.49	8.84
1.47	1.42	9.56	56.33	3.01	48.333	48.089	2.535	1.57	9.56
1.48	1.40	10.28	57.73	3.18	46.667	48.742	2.639	1.60	10.28
1.49	1.38	11.00	59.11	3.37	43.333	49.340	2.740	1.67	11.00
1.50	1.37	11.71	60.48	3.56	40.000	49.888	2.838	1.76	11.71
1.51	1.39	12.25	61.87	3.75	36.667	50.398	2.934	1.88	12.25
1.52	1.41	12.79	63.28	3.95	33.333	50.868	3.025	2.01	12.79
1.53	1.43	13.33	64.71	4.16	30.000	51.297	3.111	2.14	13.33
1.54	1.42	13.86	66.13	4.37	26.667	51.675	3.190	2.23	13.86
1.55	1.39	14.39	67.52	4.57	21.793	51.978	3.255	2.33	14.39
1.56	1.35	15.53	68.87	4.79	18.848	52.233	3.315	2.34	15.53
1.57	1.29	16.65	70.16	5.01	16.182	52.441	3.368	2.31	16.65
1.58	1.22	17.77	71.38	5.23	13.808	52.610	3.414	2.25	17.77
1.59	1.12	18.88	72.50	5.44	11.742	52.741	3.452	2.12	18.88
1.60	1.01	19.99	73.51	5.64	10.000	52.842	3.484	1.95	19.99
1.61	0.87	21.30	74.38	5.82	8.566	52.917	3.509	1.70	21.30
1.62	0.73	22.60	75.11	5.98	7.399	52.971	3.529	1.45	22.60
1.63	0.61	23.90	75.72	6.13	6.479	53.010	3.544	1.22	23.90
1.64	0.51	25.19	76.23	6.25	5.783	53.040	3.556	1.03	25.19
1.65	0.42	26.47	76.65	6.37	5.289	53.062	3.565	0.85	26.47
1.66	0.35	26.96	77.00	6.46	4.976	53.080	3.573	0.71	26.96
1.67	0.30	27.44	77.30	6.54	4.752	53.094	3.580	0.61	27.44
1.68	0.27	27.93	77.57	6.61	4.501	53.106	3.585	0.55	27.93
1.69	0.25	28.41	77.82	6.68	4.250	53.117	3.590	0.51	28.41
1.70	0.25	28.89	78.07	6.76	4.001	53.127	3.595	0.51	28.89

1.71	0.26	29.64	78.33	6.83	3.756	53.136	3.600	0.54	29.64
1.72	0.26	30.36	78.59	6.91	3.517	53.145	3.604	0.54	30.36
1.73	0.26	31.05	78.85	6.99	3.287	53.154	3.609	0.54	31.05
1.74	0.26	31.69	79.11	7.07	3.068	53.162	3.613	0.54	31.69
1.75	0.25	32.29	79.36	7.15	2.862	53.169	3.617	0.52	32.29
1.76	0.25	32.85	79.61	7.23	2.672	53.176	3.620	0.52	32.85
1.77	0.24	33.38	79.85	7.31	2.500	53.182	3.624	0.50	33.38
1.78	0.22	33.89	80.07	7.38	2.348	53.187	3.627	0.46	33.89
1.79	0.21	34.39	80.28	7.45	2.219	53.192	3.629	0.44	34.39
1.80	0.19	34.88	80.47	7.52	2.114	53.196	3.632	0.40	34.88
1.81	0.18	35.31	80.65	7.58	2.037	53.199	3.634	0.38	35.31
1.82	0.18	35.74	80.83	7.64	1.989	53.203	3.636	0.38	35.74
1.83	0.17	36.18	81.00	7.70	1.958	53.206	3.638	0.36	36.18
1.84	0.17	36.60	81.17	7.76	1.915	53.209	3.640	0.36	36.60
1.85	0.17	37.03	81.34	7.82	1.873	53.213	3.642	0.36	37.03
1.86	0.16	37.70	81.50	7.88	1.830	53.216	3.644	0.34	37.70
1.87	0.16	38.37	81.66	7.94	1.788	53.218	3.646	0.34	38.37
1.88	0.15	39.03	81.81	8.00	1.745	53.221	3.648	0.32	39.03
1.89	0.15	39.69	81.96	8.06	1.703	53.224	3.649	0.32	39.69
1.90	0.14	40.35	82.10	8.11	1.660	53.226	3.651	0.29	40.35
1.91	0.13	40.80	82.23	8.16	1.618	53.228	3.652	0.27	40.80
1.92	0.11	41.26	82.34	8.21	1.576	53.230	3.654	0.23	41.26
1.93	0.10	41.72	82.44	8.25	1.534	53.231	3.655	0.21	41.72
1.94	0.09	42.17	82.53	8.29	1.492	53.233	3.656	0.19	42.17
1.95	0.08	42.62	82.61	8.32	1.450	53.234	3.657	0.17	42.62
1.96	0.08	43.39	82.69	8.35	1.409	53.235	3.657	0.17	43.39
1.97	0.09	44.15	82.78	8.39	1.368	53.236	3.658	0.19	44.15
1.98	0.09	44.91	82.87	8.43	1.328	53.237	3.659	0.19	44.91
1.99	0.11	45.67	82.98	8.48	1.288	53.239	3.660	0.23	45.67
2.00	0.12	46.42	83.10	8.54	1.249	53.240	3.662	0.25	46.42
2.01	0.15	46.87	83.25	8.60	1.210	53.242	3.663	0.32	46.87
2.02	0.19	47.32	83.44	8.69	1.171	53.244	3.665	0.40	47.32
2.03	0.21	47.77	83.65	8.79	1.134	53.247	3.667	0.44	47.77
2.04	0.23	48.21	83.88	8.90	1.097	53.249	3.669	0.49	48.21
2.05	0.25	48.66	84.13	9.02	1.060	53.252	3.671	0.53	48.66
2.06	0.25	49.60	84.38	9.14	1.025	53.254	3.673	0.53	49.60
2.07	0.25	50.55	84.63	9.26	0.990	53.257	3.676	0.53	50.55
2.08	0.24	51.48	84.87	9.38	0.965	53.259	3.678	0.51	51.48
2.09	0.22	52.42	85.09	9.49	0.930	53.261	3.680	0.47	52.42
2.10	0.20	53.35	85.29	9.59	0.895	53.263	3.681	0.42	53.35
2.11	0.17	54.28	85.46	9.68	0.860	53.265	3.683	0.36	54.28
2.12	0.13	55.21	85.59	9.75	0.824	53.266	3.684	0.28	55.21
2.13	0.11	56.14	85.70	9.81	0.789	53.266	3.685	0.23	56.14
2.14	0.08	57.06	85.78	9.85	0.753	53.267	3.685	0.17	57.06
2.15	0.06	57.98	85.84	9.89	0.718	53.268	3.686	0.13	57.98
2.16	0.04	58.89	85.88	9.91	0.682	53.268	3.686	0.09	58.89
2.17	0.03	59.80	85.91	9.93	0.647	53.268	3.686	0.06	59.80
2.18	0.02	60.71	85.93	9.94	0.612	53.268	3.686	0.04	60.71
2.19	0.01	61.61	85.94	9.95	0.576	53.268	3.686	0.02	61.61
2.20	0.01	62.51	85.95	9.95	0.541	53.268	3.686	0.02	62.51
2.21	0.01	63.00	85.96	9.96	0.506	53.268	3.686	0.02	63.00
2.22	0.01	63.50	85.97	9.97	0.472	53.268	3.686	0.02	63.50
2.23	0.02	63.99	85.99	9.98	0.437	53.268	3.687	0.04	63.99
2.24	0.03	64.48	86.02	10.00	0.403	53.269	3.687	0.06	64.48
2.25	0.04	64.97	86.06	10.02	0.369	53.269	3.687	0.09	64.97
2.26	0.06	65.46	86.12	10.06	0.336	53.269	3.687	0.13	65.46
2.27	0.08	65.94	86.20	10.11	0.303	53.269	3.687	0.17	65.94
2.28	0.10	66.42	86.30	10.18	0.270	53.269	3.688	0.21	66.42
2.29	0.13	66.90	86.43	10.26	0.237	53.270	3.688	0.28	66.90
2.30	0.16	67.38	86.59	10.37	0.205	53.270	3.688	0.34	67.38

2.31	0.48	67.58	87.07	10.68	0.174	53.271	3.689	1.03	67.58
2.32	0.47	67.77	87.54	10.99	0.143	53.272	3.690	1.00	67.77
2.33	0.47	67.96	88.01	11.29	0.113	53.272	3.691	1.00	67.96
2.34	0.47	68.16	88.48	11.60	0.083	53.272	3.691	1.01	68.16
2.35	0.47	68.35	88.95	11.90	0.054	53.273	3.692	1.01	68.35
2.36	0.47	68.54	89.42	12.19	0.025	53.273	3.692	1.01	68.54
2.37	0.46	68.73	89.88	12.48	0.0	53.273	3.692	0.98	68.73
2.38	0.46	68.92	90.34	12.77	0.0	53.273	3.692	0.98	68.92
2.39	0.46	69.11	90.80	13.06	0.0	53.273	3.692	0.98	69.11
2.40	0.46	69.30	91.26	13.34	0.0	53.273	3.692	0.98	69.30
2.41	0.46	69.49	91.72	13.62	0.0	53.273	3.692	0.98	69.49
2.42	0.45	69.67	92.17	13.90	0.0	53.273	3.692	0.96	69.67
2.43	0.45	69.86	92.62	14.17	0.0	53.273	3.692	0.96	69.86
2.44	0.45	70.04	93.07	14.44	0.0	53.273	3.692	0.96	70.04
2.45	0.45	70.23	93.52	14.71	0.0	53.273	3.692	0.96	70.23
2.46	0.45	71.99	93.97	14.98	0.0	53.273	3.692	0.96	71.99
2.47	0.45	73.75	94.42	15.26	0.0	53.273	3.692	0.96	73.75
2.48	0.44	75.51	94.86	15.54	0.0	53.273	3.692	0.94	75.51
2.49	0.44	77.25	95.30	15.82	0.0	53.273	3.692	0.94	77.25
2.50	0.44	78.99	95.74	16.12	0.0	53.273	3.692	0.94	78.99
2.51	0.44	80.72	96.18	16.41	0.0	53.273	3.692	0.94	80.72
2.52	0.44	82.44	96.62	16.71	0.0	53.273	3.692	0.94	82.44
2.53	0.43	84.16	97.05	17.01	0.0	53.273	3.692	0.92	84.16
2.54	0.43	85.87	97.48	17.31	0.0	53.273	3.692	0.92	85.87
2.55	0.43	87.58	97.91	17.62	0.0	53.273	3.692	0.92	87.58
2.56	0.43	89.28	98.34	17.94	0.0	53.273	3.692	0.92	89.28
2.57	0.43	90.97	98.77	18.25	0.0	53.273	3.692	0.92	90.97
2.58	0.43	92.65	99.20	18.58	0.0	53.273	3.692	0.92	92.65
2.59	0.42	94.33	99.62	18.90	0.0	53.273	3.692	0.90	94.33
2.60	0.42	96.00	100.04	19.22	0.0	53.273	3.692	0.90	96.00

		CLEAN COAL ASH %	3.69	REFUSE ASH %	36.92
HEAD ASH %	19.22	CLEAN COAL YIELD%	53.27	REFUSE YIELD%	46.73
THEO. YIELD	61.45	ECART PROB. MOYEN	0.0747		
SG OF SEPARATION	1.507	IMPERFECTION	0.051		
NEAR GRAVITY MAT	27.145				
ORGANIC EFFCY.	86.69				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 5 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.65 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.018	0.0	0.010	0.0	0.01
1.24	0.36	0.08	0.36	0.08	97.973	0.353	0.080	0.01	0.08
1.25	0.49	0.15	0.85	0.12	97.833	0.832	0.120	0.02	0.15
1.26	0.63	0.21	1.48	0.16	97.459	1.446	0.158	0.03	0.21
1.27	0.76	0.28	2.24	0.20	96.934	2.183	0.199	0.04	0.28
1.28	0.90	0.35	3.14	0.24	96.313	3.050	0.242	0.06	0.35
1.29	1.03	0.41	4.17	0.28	95.650	4.035	0.283	0.08	0.41
1.30	1.17	0.48	5.34	0.33	95.000	5.146	0.326	0.11	0.48
1.31	1.31	0.55	6.65	0.37	94.360	6.382	0.369	0.14	0.55
1.32	1.45	0.79	8.10	0.45	93.583	7.739	0.443	0.17	0.79
1.33	1.59	1.21	9.69	0.57	92.510	9.210	0.565	0.22	1.21
1.34	1.73	1.63	11.42	0.73	90.984	10.784	0.721	0.29	1.63
1.35	1.87	2.05	13.29	0.92	87.675	12.424	0.896	0.43	2.05
1.36	2.01	2.46	15.30	1.12	85.012	14.133	1.085	0.56	2.46
1.37	2.15	2.87	17.45	1.34	82.078	15.897	1.283	0.72	2.87
1.38	2.29	3.28	19.74	1.56	78.940	17.705	1.487	0.90	3.28
1.39	2.44	3.68	22.18	1.79	75.665	19.551	1.694	1.11	3.68
1.40	2.58	4.09	24.76	2.03	71.667	21.400	1.901	1.36	4.09
1.41	3.01	4.25	27.77	2.27	68.333	23.457	2.107	1.77	4.25
1.42	3.62	4.42	31.39	2.52	65.000	25.810	2.318	2.36	4.42
1.43	4.07	4.59	35.46	2.76	61.667	28.320	2.519	2.90	4.59
1.44	4.35	4.75	39.81	2.98	58.333	30.857	2.703	3.37	4.75
1.45	4.46	4.92	44.27	3.17	55.000	33.310	2.866	3.74	4.92
1.46	4.42	5.82	48.69	3.41	51.667	35.594	3.056	3.98	5.82
1.47	4.21	6.71	52.90	3.67	48.333	37.629	3.253	4.05	6.71
1.48	3.84	7.60	56.74	3.94	46.667	39.421	3.451	3.81	7.60
1.49	3.30	8.48	60.04	4.19	43.333	40.851	3.627	3.48	8.48
1.50	2.60	9.36	62.64	4.40	40.000	41.891	3.769	2.90	9.36
1.51	2.15	10.30	64.79	4.60	36.667	42.679	3.890	2.53	10.30
1.52	2.05	11.23	66.84	4.80	33.333	43.363	4.006	2.54	11.23
1.53	1.94	12.16	68.78	5.01	30.000	43.945	4.114	2.53	12.16
1.54	1.82	13.08	70.60	5.22	26.667	44.430	4.211	2.48	13.08
1.55	1.69	14.00	72.29	5.42	21.793	44.798	4.292	2.46	14.00
1.56	1.55	14.84	73.84	5.62	18.848	45.090	4.360	2.34	14.84
1.57	1.40	15.68	75.24	5.81	16.182	45.317	4.417	2.18	15.68
1.58	1.25	16.51	76.49	5.98	13.808	45.489	4.463	2.01	16.51
1.59	1.08	17.34	77.57	6.14	11.742	45.616	4.499	1.77	17.34
1.60	0.91	18.16	78.48	6.28	10.000	45.707	4.526	1.52	18.16
1.61	0.83	19.18	79.31	6.42	8.566	45.778	4.549	1.41	19.18
1.62	0.83	20.18	80.14	6.56	7.399	45.840	4.569	1.43	20.18
1.63	0.82	21.18	80.96	6.71	6.479	45.893	4.589	1.43	21.18
1.64	0.80	22.17	81.76	6.86	5.783	45.939	4.606	1.40	22.17
1.65	0.76	23.16	82.52	7.01	5.289	45.979	4.623	1.34	23.16
1.66	0.71	23.62	83.23	7.15	4.976	46.015	4.637	1.26	23.62
1.67	0.65	24.08	83.88	7.28	4.752	46.046	4.650	1.15	24.08
1.68	0.57	24.53	84.45	7.40	4.501	46.071	4.661	1.01	24.53
1.69	0.47	24.99	84.92	7.50	4.250	46.091	4.670	0.84	24.99
1.70	0.37	25.44	85.29	7.57	4.001	46.106	4.677	0.[illegible]	25.44

1.71	0.31	25.85	85.60	7.64	3.756	46.118	4.682	0.56	25.85
1.72	0.30	26.27	85.90	7.70	3.517	46.128	4.687	0.54	26.27
1.73	0.30	26.68	86.20	7.77	3.287	46.138	4.692	0.54	26.68
1.74	0.30	27.09	86.50	7.84	3.068	46.147	4.696	0.54	27.09
1.75	0.29	27.49	86.79	7.90	2.862	46.156	4.700	0.52	27.49
1.76	0.28	28.47	87.07	7.97	2.672	46.163	4.704	0.51	28.47
1.77	0.27	29.45	87.34	8.04	2.500	46.170	4.708	0.49	29.45
1.78	0.26	30.42	87.60	8.10	2.348	46.176	4.711	0.47	30.42
1.79	0.25	31.38	87.85	8.17	2.219	46.181	4.714	0.45	31.38
1.80	0.23	32.34	88.08	8.23	2.114	46.186	4.717	0.42	32.34
1.81	0.23	33.11	88.31	8.30	2.037	46.191	4.720	0.42	33.11
1.82	0.24	33.87	88.55	8.37	1.989	46.196	4.723	0.44	33.87
1.83	0.24	34.63	88.79	8.44	1.958	46.200	4.726	0.44	34.63
1.84	0.24	35.39	89.03	8.51	1.915	46.205	4.729	0.44	35.39
1.85	0.23	36.14	89.26	8.58	1.873	46.209	4.732	0.42	36.14
1.86	0.23	36.92	89.49	8.65	1.830	46.214	4.735	0.42	36.92
1.87	0.21	37.69	89.70	8.72	1.788	46.217	4.738	0.38	37.69
1.88	0.20	38.46	89.90	8.79	1.745	46.221	4.740	0.37	38.46
1.89	0.18	39.22	90.08	8.85	1.703	46.224	4.743	0.33	39.22
1.90	0.16	39.98	90.24	8.90	1.660	46.227	4.745	0.29	39.98
1.91	0.14	40.59	90.38	8.95	1.618	46.229	4.747	0.26	40.59
1.92	0.14	41.19	90.52	9.00	1.576	46.231	4.748	0.26	41.19
1.93	0.13	41.79	90.65	9.05	1.534	46.233	4.750	0.24	41.79
1.94	0.13	42.39	90.78	9.10	1.492	46.235	4.751	0.24	42.39
1.95	0.12	42.99	90.90	9.14	1.450	46.237	4.753	0.22	42.99
1.96	0.12	43.89	91.02	9.19	1.409	46.238	4.754	0.22	43.89
1.97	0.12	44.79	91.14	9.23	1.368	46.240	4.756	0.22	44.79
1.98	0.13	45.68	91.27	9.29	1.328	46.242	4.757	0.24	45.68
1.99	0.13	46.57	91.40	9.34	1.288	46.243	4.759	0.24	46.57
2.00	0.13	47.45	91.53	9.39	1.249	46.245	4.760	0.24	47.45
2.01	0.14	48.10	91.67	9.45	1.210	46.247	4.762	0.26	48.10
2.02	0.14	48.74	91.81	9.51	1.171	46.248	4.763	0.26	48.74
2.03	0.15	49.38	91.96	9.58	1.134	46.250	4.765	0.28	49.38
2.04	0.15	50.02	92.11	9.64	1.097	46.252	4.767	0.28	50.02
2.05	0.15	50.65	92.26	9.71	1.060	46.253	4.768	0.28	50.65
2.06	0.15	51.47	92.41	9.78	1.025	46.255	4.770	0.28	51.47
2.07	0.15	52.29	92.56	9.85	0.990	46.256	4.771	0.28	52.29
2.08	0.15	53.11	92.71	9.92	0.965	46.258	4.773	0.28	53.11
2.09	0.14	53.92	92.85	9.98	0.930	46.259	4.774	0.26	53.92
2.10	0.14	54.72	92.99	10.05	0.895	46.260	4.776	0.26	54.72
2.11	0.12	55.58	93.11	10.11	0.860	46.261	4.777	0.22	55.58
2.12	0.10	56.44	93.21	10.16	0.824	46.262	4.778	0.18	56.44
2.13	0.08	57.29	93.29	10.20	0.789	46.263	4.778	0.15	57.29
2.14	0.06	58.14	93.35	10.23	0.753	46.263	4.779	0.11	58.14
2.15	0.05	58.98	93.40	10.26	0.718	46.264	4.779	0.09	58.98
2.16	0.04	59.82	93.44	10.28	0.682	46.264	4.780	0.07	59.82
2.17	0.03	60.66	93.47	10.29	0.647	46.264	4.780	0.06	60.66
2.18	0.02	61.49	93.49	10.30	0.612	46.264	4.780	0.04	61.49
2.19	0.01	62.32	93.50	10.31	0.576	46.264	4.780	0.02	62.32
2.20	0.01	63.15	93.51	10.32	0.541	46.264	4.780	0.02	63.15
2.21	0.01	63.53	93.52	10.32	0.506	46.264	4.780	0.02	63.53
2.22	0.01	63.92	93.53	10.33	0.472	46.264	4.780	0.02	63.92
2.23	0.01	64.30	93.54	10.33	0.437	46.264	4.780	0.02	64.30
2.24	0.02	64.68	93.56	10.34	0.403	46.265	4.780	0.04	64.68
2.25	0.02	65.06	93.58	10.36	0.369	46.265	4.781	0.04	65.06
2.26	0.03	65.44	93.61	10.37	0.336	46.265	4.781	0.06	65.44
2.27	0.05	65.82	93.66	10.40	0.303	46.265	4.781	0.09	65.82
2.28	0.06	66.19	93.72	10.44	0.270	46.265	4.781	0.11	66.19
2.29	0.08	66.57	93.80	10.49	0.237	46.265	4.781	0.15	66.57
2.30	0.10	66.94	93.90	10.55	0.205	46.265	4.782	0.19	66.94

2.31	0.14	66.94	94.04	10.63	0.174	46.266	4.782	0.26	66.94
2.32	0.15	66.94	94.19	10.72	0.143	46.266	4.782	0.28	66.94
2.33	0.16	66.94	94.35	10.82	0.113	46.266	4.783	0.30	66.94
2.34	0.17	66.94	94.52	10.92	0.083	46.266	4.783	0.32	66.94
2.35	0.17	66.94	94.69	11.02	0.054	46.266	4.783	0.32	66.94
2.36	0.18	66.94	94.87	11.12	0.025	46.266	4.783	0.33	66.94
2.37	0.19	66.94	95.06	11.24	0.0	46.266	4.783	0.35	66.94
2.38	0.20	66.94	95.26	11.35	0.0	46.266	4.783	0.37	66.94
2.39	0.21	66.94	95.47	11.47	0.0	46.266	4.783	0.39	66.94
2.40	0.22	66.94	95.69	11.60	0.0	46.266	4.783	0.41	66.94
2.41	0.23	66.94	95.92	11.73	0.0	46.266	4.783	0.43	66.94
2.42	0.23	66.94	96.15	11.87	0.0	46.266	4.783	0.43	66.94
2.43	0.24	66.94	96.39	12.00	0.0	46.266	4.783	0.45	66.94
2.44	0.25	66.94	96.64	12.15	0.0	46.266	4.783	0.47	66.94
2.45	0.26	66.94	96.90	12.29	0.0	46.266	4.783	0.48	66.94
2.46	0.18	68.93	97.08	12.40	0.0	46.266	4.783	0.33	68.93
2.47	0.18	70.92	97.26	12.51	0.0	46.266	4.783	0.33	70.92
2.48	0.19	72.89	97.45	12.62	0.0	46.266	4.783	0.35	72.89
2.49	0.19	74.86	97.64	12.75	0.0	46.266	4.783	0.35	74.86
2.50	0.20	76.82	97.84	12.88	0.0	46.266	4.783	0.37	76.82
2.51	0.20	78.77	98.04	13.01	0.0	46.266	4.783	0.37	78.77
2.52	0.21	80.72	98.25	13.16	0.0	46.266	4.783	0.39	80.72
2.53	0.21	82.65	98.46	13.30	0.0	46.266	4.783	0.39	82.65
2.54	0.21	84.58	98.67	13.46	0.0	46.266	4.783	0.39	84.58
2.55	0.22	86.50	98.89	13.62	0.0	46.266	4.783	0.41	86.50
2.56	0.22	88.42	99.11	13.78	0.0	46.266	4.783	0.41	88.42
2.57	0.23	90.32	99.34	13.96	0.0	46.266	4.783	0.43	90.32
2.58	0.23	92.22	99.57	14.14	0.0	46.266	4.783	0.43	92.22
2.59	0.23	94.12	99.80	14.33	0.0	46.266	4.783	0.43	94.12
2.60	0.24	96.00	100.04	14.52	0.0	46.266	4.783	0.45	96.00

		CLEAN COAL ASH %	4.78	REFUSE ASH %	22.91
HEAD ASH %	14.52	CLEAN COAL YIELD%	46.27	REFUSE YIELD%	53.73
THED. YIELD	66.63	ECART PROB. MOYEN	0.0747		
SG OF SEPARATION	1.519	IMPERFECTION	0.051		
NEAR GRAVITY MAT	49.034				
ORGANIC EFFCY.	69.44				

Yield Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : DATA SET CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN TOT

MINE PERIOD : PROPERTY

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
LR	DDH82005	30	WA1	12.27	47.507858	4.48	34.55	16.412674	16.38	65.45	31.095169
BC	DDH82006	46	WA1	15.71	50.176819	5.26	38.19	19.161499	22.17	61.81	31.015305
HC	DDH82001	2	WA1	22.99	12.941961	4.76	37.90	4.905461	34.11	62.10	8.036500
HC	DDH82001	5	WA1	17.22	50.649841	4.87	34.65	17.551178	23.77	65.35	33.098648
TOTALS				15.75	161.276474	4.88	35.98	58.030807	21.87	64.02	103.245621

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : FRACTION CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN TOT

MINE PERIOD : PROPERTY

FRACTION SIZE (MM) 10.00 X 0.60 FLOAT EQUIPEMENT HMC SG 1.44

BLK	DS	SID	WID	HEAD	RAW COAL	CLEAN COAL			REFUSE		
				ASH%	TONNAGE	ASH%	YIELD	TONNAGE	ASH%	YIELD	TONNAGE
LR	DDH82005	30	WA1	11.71	43.215103	4.40	33.94	14.667944	15.47	66.06	28.547150
BC	DDH82006	46	WA1	17.35	37.361684	5.26	34.71	12.966616	23.77	65.29	24.395035
HC	DDH82001	2	WA1	23.87	10.481519	5.15	34.30	3.594714	33.64	65.70	6.886805
HC	DDH82001	5	WA1	17.88	40.654663	4.90	31.80	12.926774	23.94	68.20	27.727875
				16.18	131.712936	4.86	33.52	44.156036	21.89	66.48	87.556854

FRACTION SIZE (MM) 0.60 X 0.15 FLOAT EQUIPEMENT HMC SG 1.47

BLK	DS	SID	WID	HEAD	RAW COAL	CLEAN COAL			REFUSE		
				ASH%	TONNAGE	ASH%	YIELD	TONNAGE	ASH%	YIELD	TONNAGE
LR	DDH82005	30	WA1	17.87	4.252761	5.14	40.64	1.744731	26.58	59.36	2.548030
BC	DDH82006	46	WA1	10.94	12.815160	5.26	48.34	6.194890	16.26	51.66	6.620270
HC	DDH82001	2	WA1	19.22	2.460443	3.69	53.27	1.310747	36.92	46.73	1.149695
HC	DDH82001	5	WA1	14.52	9.995190	4.78	46.27	4.624409	22.91	53.73	5.370781
				13.85	29.563522	4.94	46.93	13.874777	21.72	53.07	15.688776

TOTALS				15.75	161.276459	4.88	35.98	58.030807	21.87	64.02	103.245621

Averaged Quality Data Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN TOT

MINE-PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	RM 1008	ASH 1009	VM 1010	FC 1011	TS 1012	HGI 1019	C 1805	H 1806	N 1807	O 1808
KPNLRDDH82005	30	0.480	4.481	5.191	89.848	0.390	33.000	89.935	2.795	1.175	0.739
KPNBCDDH82006	46	0.760	5.258	6.486	87.496	0.550	********	87.406	3.188	1.103	1.213
KPNHCDDH82001	2	0.510	4.757	6.980	87.753	0.660	35.000	87.808	3.016	1.076	2.163
KPNHCDDH82001	5	0.550	4.868	6.521	88.063	0.550	36.000	87.992	3.240	1.144	1.650
QUALITY		0.596	4.877	6.172	88.354	0.514	34.607	87.806	3.060	1.127	1.284

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN TOT

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	SIO2 1504	AL23 1505	FE23 1506	CAO 1507	MGO 1508	TIO2 1509	NA2O 1510	K2O 1511	SO3 1512	P2O5 1513
KPNLRDDH82005	30	49.140	30.500	2.700	3.690	0.380	1.200	1.220	0.830	0.940	3.810
KPNBCDDH82006	46	48.190	31.720	2.890	3.160	0.190	2.130	1.300	0.980	0.880	3.430
KPNHCDDH82001	2	52.280	23.700	4.050	5.100	1.380	1.370	1.140	1.380	1.400	3.340
KPNHCDDH82001	5	57.710	24.910	2.020	2.390	0.670	1.090	1.270	0.800	0.770	3.630
QUALITY		51.646	28.687	2.674	3.225	0.482	1.512	1.257	0.920	0.905	3.582

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :5% ASH PRODUCT KLAPPAN TOT

MINE PERIOD : PROPERTY

DATA SOURCE	$ID	OIT	OST	OHT	OFT	RIT	RST	RHT	RFT
ELEMENT NO:		1404	1405	1406	1407	1408	1409	1410	1411
KPNLRDDH82005	30	1230.000	1435.000	1475.000	1500.000	1230.000	1425.000	1460.000	1500.000
KPNBCDDH82006	46	1210.000	1340.000	1490.000	1500.000	1200.000	1340.000	1395.000	1450.000
KPNHCDDH82001	2	1190.000	1285.000	1310.000	1360.000	1175.000	1280.000	1310.000	1340.000
KPNHCDDH82001	5	1220.000	1415.000	1465.000	1500.000	1195.000	1390.000	1455.000	1500.000
QUALITY		1216.565	1382.781	1463.718	1488.457	1204.226	1372.227	1422.986	1469.010

ASTERIKS MEANS NO VALUE

Hobbit-Broatch Area

Medium Ash Premium Coal Product

Washability Data

Individual Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDHB2001 SAMPLE ID 1 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 81.32 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.76	4.55	3.76	4.55	96.24	28.86
1.35	3.26	9.52	7.02	6.86	92.98	29.54
1.40	3.32	9.61	10.34	7.75	89.66	30.28
1.45	26.34	9.61	36.68	9.09	63.32	38.88
1.50	13.26	12.75	49.94	10.06	50.06	45.80
1.55	8.28	18.62	58.22	11.28	41.78	51.19
1.60	5.55	22.68	63.77	12.27	36.23	55.55
1.65	3.84	26.43	67.61	13.07	32.39	59.01
1.70	2.76	28.98	70.37	13.70	29.63	61.80
1.80	3.10	32.10	73.47	14.47	26.53	65.27
1.90	3.02	38.41	76.49	15.46	23.51	68.59
2.60	23.51	68.59	100.00	27.95	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 1 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.02 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	10.31	0.87	10.31	0.87	89.69	20.49
1.35	7.03	2.34	17.34	1.47	82.66	22.03
1.40	6.78	3.99	24.12	2.17	75.88	23.64
1.45	24.67	6.09	48.79	4.16	51.21	32.09
1.50	20.60	9.63	69.39	5.78	30.61	47.21
1.55	4.94	15.24	74.33	6.41	25.67	53.37
1.60	3.03	19.73	77.36	6.93	22.64	57.87
1.65	2.41	24.39	79.77	7.46	20.23	61.85
1.70	1.73	28.01	81.50	7.90	18.50	65.02
1.80	1.36	32.38	82.86	8.30	17.14	67.61
1.90	1.89	37.05	84.75	8.94	15.25	71.40
2.60	15.25	71.40	100.00	18.46	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 3 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 60.62 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.17	1.08	2.17	1.08	97.83	21.61
1.35	1.48	2.70	3.65	1.74	96.35	21.90
1.40	1.43	4.11	5.08	2.40	94.92	22.16
1.45	17.58	4.97	22.66	4.39	77.34	26.07
1.50	17.63	8.40	40.29	6.15	59.71	31.29
1.55	13.25	13.83	53.54	8.05	46.46	36.27
1.60	10.39	18.35	63.93	9.72	36.07	41.43
1.65	6.77	22.99	70.70	10.99	29.30	45.70
1.70	4.28	26.06	74.98	11.85	25.02	49.06
1.80	4.84	29.49	79.82	12.92	20.18	53.75
1.90	3.41	35.59	83.23	13.85	16.77	57.44
2.60	16.77	57.44	100.00	21.16	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 3 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 0.60 X 0.0 RELATIVE WT% - 23.00 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	6.66	1.87	6.66	1.87	93.34	14.58
1.35	4.54	3.96	11.20	2.72	88.80	15.12
1.40	4.38	4.24	15.58	3.15	84.42	15.68
1.45	22.48	4.66	38.06	4.04	61.94	19.68
1.50	20.02	7.17	58.08	5.12	41.92	25.66
1.55	8.25	11.37	66.33	5.90	33.67	29.16
1.60	7.01	14.62	73.34	6.73	26.66	32.98
1.65	6.60	17.45	79.94	7.62	20.06	38.10
1.70	5.43	20.85	85.37	8.46	14.63	44.50
1.80	4.66	26.59	90.03	9.40	9.97	52.87
1.90	1.95	35.18	91.98	9.94	8.02	57.17
2.60	8.02	57.17	100.00	19.73	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 7 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 77.03 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.74	1.96	1.74	1.96	98.26	31.05
1.35	1.19	4.47	2.93	2.98	97.07	31.38
1.40	1.15	5.72	4.08	3.75	95.92	31.69
1.45	16.91	6.54	20.99	6.00	79.01	37.07
1.50	16.89	9.11	37.88	7.39	62.12	44.67
1.55	11.88	13.30	49.76	8.80	50.24	52.09
1.60	8.30	18.45	58.06	10.18	41.94	58.74
1.65	4.34	25.26	62.40	11.22	37.60	62.61
1.70	2.76	29.59	65.16	12.00	34.84	65.22
1.80	3.50	34.52	68.66	13.15	31.34	68.65
1.90	3.37	41.54	72.03	14.48	27.97	71.92
2.60	27.97	71.92	100.00	30.65	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 7 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.36 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	4.46	0.90	4.46	0.90	95.54	32.47
1.35	3.04	2.37	7.51	1.50	92.49	33.47
1.40	2.93	3.87	10.44	2.16	89.56	34.43
1.45	16.81	5.14	27.25	4.00	72.75	41.21
1.50	15.40	7.97	42.65	5.43	57.35	50.13
1.55	6.90	12.66	49.55	6.44	50.45	55.25
1.60	5.15	16.14	54.70	7.35	45.30	59.70
1.65	4.25	19.12	58.95	8.20	41.05	63.90
1.70	3.04	22.94	61.99	8.93	38.01	67.17
1.80	3.00	29.63	64.99	9.88	35.01	70.39
1.90	3.31	36.26	68.30	11.16	31.70	73.95
2.60	31.70	73.95	100.00	31.07	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 12 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 59.97 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	1.96	1.39	1.96	1.39	98.04	30.27
1.35	1.34	3.56	3.29	2.27	96.71	30.64
1.40	1.29	5.63	4.58	3.21	95.42	30.98
1.45	12.74	7.55	17.32	6.40	82.68	34.59
1.50	12.33	10.65	29.65	8.17	70.35	38.79
1.55	8.71	14.38	38.36	9.58	61.64	42.24
1.60	8.49	17.99	46.85	11.10	53.15	46.11
1.65	8.74	20.74	55.59	12.62	44.41	51.10
1.70	7.23	25.77	62.82	14.13	37.18	56.03
1.80	4.46	34.85	67.28	15.51	32.72	58.91
1.90	3.02	39.77	70.30	16.55	29.70	60.86
2.60	29.70	60.86	100.00	28.71	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 12 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 21.95 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	10.99	0.95	10.99	0.95	89.01	10.39
1.35	11.17	2.23	22.16	1.60	77.84	11.57
1.40	13.49	3.41	35.65	2.28	64.35	13.27
1.45	20.82	4.02	56.47	2.92	43.53	17.70
1.50	19.31	6.83	75.78	3.92	24.22	26.36
1.55	9.27	12.45	85.05	4.85	14.95	34.99
1.60	4.45	16.96	89.50	5.45	10.50	42.63
1.65	1.84	21.61	91.34	5.78	8.66	47.10
1.70	1.46	25.41	92.80	6.09	7.20	51.49
1.80	2.08	30.12	94.88	6.61	5.12	60.17
1.90	0.83	37.80	95.71	6.88	4.29	64.50
2.60	4.29	64.50	100.00	9.36	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCODH82003 SAMPLE ID 17 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.70 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.99	1.61	2.99	1.61	97.01	29.71
1.35	2.04	4.15	5.03	2.64	94.97	30.26
1.40	1.96	6.57	6.99	3.74	93.01	30.76
1.45	13.41	8.03	20.40	6.56	79.60	34.59
1.50	13.50	11.93	33.90	8.70	66.10	39.21
1.55	11.50	17.67	45.40	10.97	54.60	43.75
1.60	10.38	21.94	55.78	13.01	44.22	48.87
1.65	8.17	25.36	63.95	14.59	36.05	54.20
1.70	6.02	29.81	69.97	15.90	30.03	59.09
1.80	7.19	36.43	77.16	17.81	22.84	66.22
1.90	1.88	42.72	79.04	18.40	20.96	68.33
2.60	20.96	68.33	100.00	28.87	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 17 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.49 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	9.85	0.90	9.85	0.90	90.15	19.62
1.35	9.39	2.71	19.24	1.78	80.76	21.58
1.40	11.13	5.48	30.37	3.13	69.63	24.16
1.45	15.99	7.31	46.36	4.58	53.64	29.18
1.50	15.36	10.64	61.72	6.09	38.28	36.62
1.55	9.27	16.02	70.99	7.38	29.01	43.20
1.60	5.25	19.21	76.24	8.20	23.76	48.50
1.65	2.63	21.13	78.87	8.63	21.13	51.91
1.70	2.64	25.06	81.51	9.16	18.49	55.74
1.80	5.35	31.28	86.86	10.52	13.14	65.69
1.90	1.51	39.67	88.37	11.02	11.63	69.07
2.60	11.63	69.07	100.00	17.77	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 18 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 75.60 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.74	1.18	2.74	1.18	97.26	34.80
1.35	1.87	3.46	4.61	2.11	95.39	35.41
1.40	1.80	6.43	6.41	3.32	93.59	35.97
1.45	7.04	8.54	13.45	6.05	86.55	38.20
1.50	9.22	12.41	22.67	8.64	77.33	41.28
1.55	11.41	16.54	34.08	11.29	65.92	45.66
1.60	11.40	19.81	45.48	13.45	54.52	50.92
1.65	10.01	23.23	55.49	15.21	44.51	57.14
1.70	6.88	27.09	62.37	16.52	37.63	62.64
1.80	5.64	33.72	68.01	17.95	31.99	67.74
1.90	3.94	42.44	71.95	19.29	28.05	71.30
2.60	28.05	71.30	100.00	33.88	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCODH82003 SAMPLE ID 18 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.26 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	9.90	1.19	9.90	1.19	90.70	32.00
1.35	7.14	3.20	16.45	2.07	83.55	34.47
1.40	7.59	5.48	24.04	3.14	75.96	37.36
1.45	8.25	7.15	32.29	4.17	67.71	41.04
1.50	8.67	9.52	40.96	5.30	59.04	45.67
1.55	9.87	12.26	50.83	6.65	49.17	52.39
1.60	9.34	16.30	60.17	8.15	39.83	60.84
1.65	5.35	21.55	65.52	9.24	34.48	66.94
1.70	2.71	26.22	68.23	9.92	31.77	70.41
1.80	3.95	32.54	72.18	11.16	27.82	75.79
1.90	1.71	40.56	73.89	11.84	26.11	78.10
2.60	26.11	78.10	100.00	29.14	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 21 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 88.04 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	4.65	1.52	4.65	1.52	95.35	51.09
1.35	3.70	4.05	8.35	2.64	91.65	52.99
1.40	4.06	6.96	12.41	4.05	87.59	55.13
1.45	4.53	8.70	16.94	5.30	83.06	57.66
1.50	4.87	12.19	21.81	6.83	78.19	60.49
1.55	5.56	16.48	27.37	8.79	72.63	63.86
1.60	5.34	22.02	32.71	10.95	67.29	67.18
1.65	3.60	28.54	36.31	12.70	63.69	69.36
1.70	2.44	32.71	38.75	13.96	61.25	70.82
1.80	3.76	37.13	42.51	16.01	57.49	73.03
1.90	2.13	44.63	44.64	17.37	55.36	74.12
2.60	55.36	74.12	100.00	48.79	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 21 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.65 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	18.19	0.60	18.19	0.60	81.81	37.96
1.35	11.08	2.11	29.26	1.17	70.74	43.58
1.40	9.05	4.75	38.31	2.01	61.69	49.27
1.45	7.21	7.76	45.52	2.92	54.48	54.76
1.50	4.81	11.61	50.33	3.76	49.67	58.94
1.55	3.09	15.68	53.42	4.45	46.58	61.81
1.60	3.00	19.99	56.42	5.27	43.58	64.69
1.65	2.96	23.15	59.38	6.16	40.62	67.71
1.70	2.86	29.05	62.24	7.22	37.76	70.64
1.80	3.94	38.45	66.18	9.07	33.82	74.40
1.90	2.60	44.97	68.78	10.43	31.22	76.85
2.60	31.22	76.85	100.00	31.17	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 22 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 79.34 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	3.12	1.20	3.12	1.20	96.88	35.93
1.35	2.13	3.30	5.25	2.05	94.75	36.66
1.40	2.05	5.80	7.30	3.10	92.70	37.34
1.45	9.56	7.79	16.86	5.76	83.14	40.74
1.50	9.63	11.51	26.49	7.85	73.51	44.57
1.55	9.36	15.77	35.85	9.92	64.15	48.77
1.60	8.84	21.09	44.69	12.13	55.31	53.20
1.65	6.08	27.36	50.77	13.95	49.23	56.39
1.70	3.26	31.62	54.03	15.02	45.97	58.14
1.80	5.17	36.01	59.20	16.85	40.80	60.95
1.90	5.06	42.03	64.26	18.83	35.74	63.63
2.60	35.74	63.63	100.00	34.84	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S) .

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 22 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.86 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	3.14	0.01	3.14	0.01	96.86	31.88
1.35	4.45	1.14	7.59	0.67	92.41	33.36
1.40	6.66	4.27	14.25	2.35	85.75	35.62
1.45	11.72	6.29	25.97	4.13	74.03	40.26
1.50	10.88	9.89	36.85	5.83	63.15	45.49
1.55	6.39	15.47	43.24	7.26	56.76	48.87
1.60	5.79	19.29	49.03	8.68	50.97	52.23
1.65	5.39	21.12	54.42	9.91	45.58	55.91
1.70	5.21	26.61	59.63	11.37	40.37	59.69
1.80	8.60	36.11	68.23	14.49	31.77	66.08
1.90	3.53	43.25	71.76	15.90	28.24	68.93
2.60	28.24	68.93	100.00	30.88	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 23 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 76.78 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.73	2.18	3.73	2.18	96.27	36.31
1.35	2.55	5.23	6.28	3.42	93.72	37.16
1.40	2.45	7.41	8.73	4.54	91.27	37.96
1.45	8.24	8.84	16.97	6.63	83.03	40.85
1.50	9.63	11.86	26.60	8.52	73.40	44.65
1.55	13.10	15.75	39.70	10.91	60.30	50.93
1.60	9.61	20.28	49.31	12.73	50.69	56.74
1.65	2.67	26.67	51.98	13.45	48.02	58.41
1.70	2.40	31.30	54.38	14.24	45.62	59.84
1.80	4.83	36.20	59.21	16.03	40.79	62.63
1.90	3.02	42.05	62.23	17.29	37.77	64.28
2.60	37.77	64.28	100.00	35.04	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 23 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.34 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	7.98	0.79	7.98	0.79	92.02	24.47
1.35	8.44	2.51	16.42	1.67	83.58	26.69
1.40	10.52	5.34	26.94	3.10	73.06	29.77
1.45	16.22	7.43	43.16	4.73	56.84	36.14
1.50	15.28	10.38	58.44	6.21	41.56	45.61
1.55	8.19	15.02	66.63	7.29	33.37	53.11
1.60	4.70	19.23	71.33	8.08	28.67	58.67
1.65	2.59	23.59	73.92	8.62	26.08	62.15
1.70	2.19	28.03	76.11	9.18	23.89	65.28
1.80	3.50	34.34	79.61	10.29	20.39	70.59
1.90	1.69	41.88	81.30	10.94	18.70	73.18
2.60	18.70	73.18	100.00	22.58	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 24 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.16 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	7.52	0.82	7.52	0.82	92.48	25.84
1.35	6.20	2.77	13.72	1.70	86.28	27.50
1.40	7.27	6.01	20.99	3.19	79.01	29.48
1.45	8.20	8.38	29.19	4.65	70.81	31.92
1.50	8.53	11.32	37.72	6.16	62.28	34.74
1.55	8.98	13.67	46.70	7.60	53.30	38.29
1.60	8.86	18.74	55.56	9.38	44.44	42.19
1.65	6.74	25.69	62.30	11.14	37.70	45.14
1.70	3.83	29.18	66.13	12.19	33.87	46.95
1.80	4.84	32.22	70.97	13.55	29.03	49.40
1.90	5.07	37.60	76.04	15.16	23.96	51.90
2.60	23.96	51.90	100.00	23.96	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 24 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 11.66 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	22.08	0.98	22.08	0.98	77.92	20.73
1.35	14.25	2.78	36.33	1.69	63.67	24.75
1.40	13.18	5.02	49.51	2.57	50.49	29.89
1.45	11.70	7.33	61.21	3.48	38.79	36.70
1.50	8.68	11.18	69.89	4.44	30.11	44.05
1.55	5.62	16.56	75.51	5.34	24.49	50.36
1.60	2.99	20.52	78.50	5.92	21.50	54.51
1.65	1.38	23.91	79.88	6.23	20.12	56.61
1.70	1.39	27.91	81.27	6.60	18.73	58.74
1.80	2.87	33.40	84.14	7.52	15.86	63.33
1.90	1.49	42.10	85.63	8.12	14.37	65.53
2.60	14.37	65.53	100.00	16.37	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 41 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.83 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	7.02	2.29	7.02	2.29	92.98	18.77
1.35	4.78	5.08	11.80	3.42	88.20	19.52
1.40	4.61	6.08	16.41	4.17	83.59	20.26
1.45	25.54	6.76	41.95	5.75	58.05	26.20
1.50	21.94	10.30	63.89	7.31	36.11	35.85
1.55	6.21	17.25	70.10	8.19	29.90	39.72
1.60	4.14	21.66	74.24	8.94	25.76	42.62
1.65	3.17	25.02	77.41	9.60	22.59	45.09
1.70	2.64	28.09	80.05	10.21	19.95	47.34
1.80	3.63	31.96	83.68	11.15	16.32	50.76
1.90	2.94	34.65	86.62	11.95	13.38	54.30
2.60	13.38	54.30	100.00	17.62	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDHB2006 SAMPLE ID 41 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.71 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM FLOATS WT%	CUM FLOATS ASH%	CUM SINKS WT%	CUM SINKS ASH%
1.30	3.83	0.97	3.83	0.97	96.17	21.84
1.35	5.98	2.42	9.81	1.85	90.19	23.13
1.40	8.76	4.44	18.57	3.07	81.43	25.14
1.45	15.44	5.64	34.01	4.24	65.99	29.69
1.50	13.86	8.54	47.87	5.49	52.13	35.32
1.55	6.47	13.42	54.34	6.43	45.66	38.43
1.60	5.31	17.23	59.65	7.39	40.35	41.21
1.65	4.84	20.74	64.49	8.39	35.51	44.01
1.70	4.22	24.01	68.71	9.35	31.29	46.70
1.80	6.78	28.60	75.49	11.08	24.51	51.71
1.90	6.90	38.64	82.39	13.39	17.61	56.83
2.60	17.61	56.83	100.00	21.04	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 42 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.00 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.21	1.37	3.21	1.37	96.79	40.63
1.35	2.19	3.55	5.40	2.25	94.60	41.49
1.40	2.11	5.75	7.51	3.23	92.49	42.30
1.45	15.43	7.81	22.94	6.31	77.06	49.21
1.50	13.57	10.34	36.51	7.81	63.49	57.52
1.55	4.40	14.26	40.91	8.50	59.09	60.74
1.60	2.89	17.83	43.80	9.12	56.20	62.95
1.65	1.78	21.27	45.58	9.59	54.42	64.31
1.70	1.95	24.98	47.53	10.22	52.47	65.77
1.80	5.40	29.69	52.93	12.21	47.07	69.91
1.90	2.33	38.39	55.26	13.36	44.74	71.50
2.60	44.74	71.50	100.00	39.37	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 42 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	9.09	1.79	9.09	1.79	90.91	33.98
1.35	8.16	4.23	17.25	2.95	82.75	36.91
1.40	9.12	6.27	26.37	4.09	73.63	40.71
1.45	13.55	7.93	39.92	5.40	60.08	48.10
1.50	11.72	10.66	51.64	6.59	48.36	57.17
1.55	4.60	15.09	56.24	7.29	43.76	61.60
1.60	2.88	19.45	59.12	7.88	40.88	64.57
1.65	2.45	23.81	61.57	8.51	38.43	67.16
1.70	2.06	27.97	63.63	9.14	36.37	69.38
1.80	3.06	33.93	66.69	10.28	33.31	72.64
1.90	2.73	42.81	69.42	11.56	30.58	75.30
2.60	30.58	75.30	100.00	31.05	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDHB2006 SAMPLE ID 43 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.79 ASH% - 0.0

SG-TMP	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.21	1.09	2.21	1.09	97.79	31.29
1.35	1.51	3.23	3.72	1.96	96.28	31.73
1.40	1.45	6.18	5.17	3.14	94.83	32.12
1.45	13.82	7.82	18.99	6.54	81.01	36.27
1.50	14.07	13.30	33.06	9.42	66.94	41.10
1.55	12.84	21.63	45.90	12.84	54.10	45.72
1.60	9.90	25.59	55.20	14.99	44.80	49.90
1.65	4.07	27.82	59.27	15.87	40.73	52.10
1.70	3.70	30.18	62.97	16.71	37.03	54.29
1.80	8.89	33.22	71.86	18.75	28.14	60.95
1.90	4.28	42.41	76.14	20.08	23.86	64.28
2.60	23.86	64.28	100.00	30.63	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBC0DH82006 SAMPLE ID 43 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.20 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	4.00	0.17	4.00	0.17	96.00	26.16
1.35	5.85	1.81	9.85	1.14	90.15	27.74
1.40	9.04	5.87	18.89	3.40	81.11	30.18
1.45	13.73	8.62	32.62	5.60	67.38	34.57
1.50	13.80	11.78	46.42	7.44	53.58	40.44
1.55	10.60	15.70	57.02	8.97	42.98	46.54
1.60	7.79	19.56	64.81	10.25	35.19	52.51
1.65	4.66	23.92	69.47	11.16	30.53	56.87
1.70	3.19	27.60	72.66	11.88	27.34	60.29
1.80	4.46	32.63	77.12	13.08	22.88	65.68
1.90	3.05	40.03	80.17	14.11	19.83	69.62
2.60	19.83	69.62	100.00	25.12	0.00	0.00

Washability Data

Blended Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 77.13 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.63	2.16	3.63	2.16	96.37	30.96
1.35	2.74	5.29	6.37	3.51	93.63	31.71
1.40	2.80	7.08	9.17	4.60	90.83	32.47
1.45	15.40	8.16	24.57	6.83	75.43	37.44
1.50	12.54	11.24	37.10	8.32	62.90	42.65
1.55	9.83	16.34	46.94	10.00	53.06	47.53
1.60	8.15	20.54	55.08	11.56	44.92	52.42
1.65	5.77	24.86	60.85	12.82	39.15	56.49
1.70	3.97	28.44	64.82	13.78	35.18	59.65
1.80	4.76	33.37	69.58	15.12	30.42	63.76
1.90	3.38	40.01	72.96	16.27	27.04	66.73
2.60	27.04	66.73	100.00	29.92	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 14.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	8.94	1.10	8.94	1.10	91.06	23.27
1.35	6.93	2.83	15.87	1.86	84.13	24.96
1.40	7.40	4.82	23.27	2.80	76.73	26.90
1.45	17.14	5.97	40.41	4.14	59.59	32.92
1.50	15.28	8.99	55.69	5.47	44.31	41.17
1.55	7.37	13.53	63.07	6.41	36.93	46.69
1.60	5.69	17.04	68.75	7.29	31.25	52.09
1.65	4.23	20.44	72.98	8.06	27.02	57.05
1.70	3.24	24.31	76.23	8.75	23.77	61.51
1.80	3.95	31.28	80.18	9.86	19.82	67.54
1.90	2.19	38.96	82.37	10.63	17.63	71.10
2.60	17.63	71.10	100.00	21.29	0.00	0.00

Washability Data

Blended Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY EQUIPEMENT HMC SG-ASH 10.00 EP 0.036 SG 1.54

---------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 77.13 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.808	0.0	0.010	0.0	0.01
1.24	0.50	0.49	0.50	0.49	99.712	0.503	0.487	0.00	0.49
1.25	0.51	0.96	1.01	0.72	99.617	1.008	0.724	0.00	0.96
1.26	0.51	1.43	1.52	0.96	99.522	1.517	0.961	0.00	1.43
1.27	0.52	2.01	2.04	1.23	99.427	2.030	1.227	0.01	2.01
1.28	0.52	2.71	2.56	1.53	99.332	2.549	1.528	0.01	2.71
1.29	0.53	3.40	3.09	1.85	99.237	3.073	1.847	0.01	3.40
1.30	0.54	4.08	3.63	2.18	99.143	3.604	2.176	0.01	4.08
1.31	0.54	4.44	4.17	2.47	99.048	4.142	2.470	0.01	4.44
1.32	0.55	4.80	4.72	2.74	98.952	4.684	2.740	0.01	4.80
1.33	0.55	5.24	5.27	3.00	98.905	5.228	3.000	0.01	5.24
1.34	0.55	5.76	5.82	3.27	98.812	5.773	3.260	0.01	5.76
1.35	0.55	6.27	6.37	3.53	98.719	6.315	3.519	0.01	6.27
1.36	0.54	6.55	6.91	3.76	98.627	6.852	3.757	0.01	6.55
1.37	0.54	6.82	7.45	3.99	98.536	7.387	3.978	0.01	6.82
1.38	0.55	7.09	8.00	4.20	98.444	7.929	4.191	0.02	7.09
1.39	0.57	7.35	8.57	4.41	98.353	8.489	4.399	0.02	7.35
1.40	0.60	7.62	9.17	4.62	98.261	9.075	4.607	0.02	7.62
1.41	1.93	7.62	11.10	5.14	98.169	10.968	5.126	0.06	7.62
1.42	3.71	7.62	14.81	5.76	98.075	14.607	5.747	0.13	7.62
1.43	4.63	7.96	19.44	6.28	97.981	19.143	6.272	0.16	7.96
1.44	2.81	8.65	22.24	6.58	97.425	21.877	6.570	0.13	8.65
1.45	2.32	9.34	24.57	6.84	96.219	24.114	6.827	0.15	9.34
1.46	2.63	9.66	27.20	7.12	94.873	26.605	7.093	0.24	9.66
1.47	2.62	9.98	29.82	7.37	93.546	29.060	7.337	0.30	9.98
1.48	2.56	10.88	32.38	7.65	90.820	31.389	7.600	0.41	10.88
1.49	2.45	12.36	34.83	7.98	84.807	33.465	7.895	0.65	12.36
1.50	2.27	13.82	37.10	8.34	78.432	35.248	8.195	0.86	13.82
1.51	2.12	14.61	39.23	8.68	68.056	36.693	8.447	1.19	14.61
1.52	2.04	15.39	41.27	9.01	61.111	37.939	8.675	1.40	15.39
1.53	1.96	16.32	43.23	9.34	54.167	39.002	8.884	1.58	16.32
1.54	1.89	17.38	45.12	9.68	47.222	39.893	9.073	1.75	17.38
1.55	1.82	18.44	46.94	10.02	43.055	40.676	9.254	1.82	18.44
1.56	1.77	19.00	48.70	10.34	36.111	41.314	9.404	1.99	19.00
1.57	1.71	19.55	50.42	10.65	29.166	41.815	9.526	2.14	19.55
1.58	1.65	20.41	52.06	10.96	22.222	42.180	9.620	2.25	20.41
1.59	1.56	21.57	53.62	11.27	18.622	42.471	9.702	2.24	21.57
1.60	1.46	22.72	55.08	11.57	13.470	42.667	9.762	2.22	22.72
1.61	1.35	23.42	56.43	11.86	7.366	42.766	9.794	2.20	23.42
1.62	1.24	24.11	57.67	12.12	5.745	42.838	9.817	2.08	24.11
1.63	1.15	24.92	58.82	12.37	4.953	42.895	9.837	1.92	24.92
1.64	1.06	25.84	59.88	12.61	4.487	42.942	9.855	1.78	25.84
1.65	0.98	26.75	60.85	12.84	3.972	42.981	9.870	1.65	26.75
1.66	0.92	27.29	61.78	13.05	3.475	43.013	9.883	1.57	27.29
1.67	0.88	27.82	62.66	13.26	3.016	43.039	9.894	1.50	27.82
1.68	0.81	28.48	63.47	13.45	2.616	43.061	9.904	1.39	28.48
1.69	0.73	29.29	64.20	13.63	2.296	43.077	9.911	1.25	29.29
1.70	0.62	30.08	64.82	13.79	2.076	43.090	9.917	1.07	30.08

1.71	0.56	30.71	65.38	13.94	1.976	43.101	9.922	0.96	30.71
1.72	0.54	31.34	65.92	14.08	1.912	43.112	9.928	0.94	31.34
1.73	0.53	31.96	66.45	14.22	1.824	43.122	9.933	0.92	31.96
1.74	0.51	32.58	66.96	14.36	1.735	43.130	9.937	0.89	32.58
1.75	0.49	33.19	67.46	14.50	1.647	43.139	9.942	0.86	33.19
1.76	0.47	33.90	67.93	14.64	1.559	43.146	9.946	0.82	33.90
1.77	0.45	34.60	68.38	14.77	1.472	43.153	9.950	0.78	34.60
1.78	0.43	35.30	68.81	14.89	1.387	43.158	9.953	0.74	35.30
1.79	0.40	36.00	69.21	15.02	1.303	43.164	9.956	0.69	36.00
1.80	0.37	36.69	69.58	15.13	1.221	43.168	9.959	0.65	36.69
1.81	0.35	37.22	69.93	15.24	1.142	43.172	9.962	0.61	37.22
1.82	0.34	37.74	70.27	15.35	1.066	43.176	9.964	0.59	37.74
1.83	0.33	38.26	70.60	15.46	0.993	43.179	9.966	0.58	38.26
1.84	0.33	38.78	70.93	15.57	0.928	43.182	9.968	0.57	38.78
1.85	0.32	39.29	71.25	15.67	0.855	43.185	9.970	0.57	39.29
1.86	0.33	40.11	71.58	15.79	0.782	43.187	9.972	0.57	40.11
1.87	0.33	40.92	71.91	15.90	0.709	43.190	9.973	0.58	40.92
1.88	0.34	41.73	72.25	16.02	0.635	43.192	9.975	0.59	41.73
1.89	0.35	42.54	72.60	16.15	0.563	43.194	9.976	0.61	42.54
1.90	0.37	43.34	72.96	16.29	0.491	43.196	9.978	0.64	43.34
1.91	0.37	43.90	73.34	16.43	0.419	43.197	9.979	0.66	43.90
1.92	0.37	44.47	73.71	16.57	0.350	43.199	9.980	0.66	44.47
1.93	0.37	45.02	74.08	16.71	0.281	43.200	9.981	0.66	45.02
1.94	0.37	45.58	74.46	16.86	0.215	43.200	9.982	0.66	45.58
1.95	0.37	46.13	74.83	17.00	0.150	43.201	9.982	0.66	46.13
1.96	0.37	46.69	75.21	17.15	0.088	43.201	9.982	0.66	46.69
1.97	0.37	47.23	75.58	17.30	0.029	43.201	9.982	0.66	47.23
1.98	0.37	47.78	75.96	17.45	0.0	43.201	9.982	0.66	47.78
1.99	0.37	48.32	76.33	17.60	0.0	43.201	9.982	0.66	48.32
2.00	0.37	48.86	76.71	17.76	0.0	43.201	9.982	0.66	48.86
2.01	0.37	49.40	77.08	17.91	0.0	43.201	9.982	0.66	49.40
2.02	0.38	49.93	77.45	18.06	0.0	43.201	9.982	0.66	49.93
2.03	0.38	50.46	77.83	18.22	0.0	43.201	9.982	0.66	50.46
2.04	0.38	50.99	78.21	18.38	0.0	43.201	9.982	0.66	50.99
2.05	0.38	51.52	78.58	18.54	0.0	43.201	9.982	0.66	51.52
2.06	0.38	52.04	78.96	18.70	0.0	43.201	9.982	0.66	52.04
2.07	0.38	52.56	79.33	18.86	0.0	43.201	9.982	0.66	52.56
2.08	0.38	53.08	79.71	19.02	0.0	43.201	9.982	0.66	53.08
2.09	0.38	53.60	80.09	19.18	0.0	43.201	9.982	0.66	53.60
2.10	0.38	54.11	80.46	19.34	0.0	43.201	9.982	0.66	54.11
2.11	0.38	54.63	80.84	19.51	0.0	43.201	9.982	0.66	54.63
2.12	0.38	55.13	81.22	19.68	0.0	43.201	9.982	0.66	55.13
2.13	0.38	55.64	81.60	19.84	0.0	43.201	9.982	0.67	55.64
2.14	0.38	56.15	81.97	20.01	0.0	43.201	9.982	0.67	56.15
2.15	0.38	56.65	82.35	20.18	0.0	43.201	9.982	0.67	56.65
2.16	0.38	57.15	82.73	20.35	0.0	43.201	9.982	0.67	57.15
2.17	0.38	57.64	83.11	20.52	0.0	43.201	9.982	0.67	57.64
2.18	0.38	58.14	83.49	20.69	0.0	43.201	9.982	0.67	58.14
2.19	0.38	58.63	83.87	20.86	0.0	43.201	9.982	0.67	58.63
2.20	0.38	59.12	84.25	21.03	0.0	43.201	9.982	0.67	59.12
2.21	0.38	59.61	84.63	21.21	0.0	43.201	9.982	0.67	59.61
2.22	0.38	60.10	85.02	21.38	0.0	43.201	9.982	0.67	60.10
2.23	0.38	60.58	85.40	21.56	0.0	43.201	9.982	0.67	60.58
2.24	0.38	61.06	85.78	21.73	0.0	43.201	9.982	0.67	61.06
2.25	0.38	61.54	86.16	21.91	0.0	43.201	9.982	0.67	61.54
2.26	0.38	62.60	86.55	22.09	0.0	43.201	9.982	0.68	62.60
2.27	0.38	63.65	86.93	22.27	0.0	43.201	9.982	0.68	63.65
2.28	0.38	64.70	87.32	22.46	0.0	43.201	9.982	0.68	64.70
2.29	0.39	65.74	87.70	22.65	0.0	43.201	9.982	0.68	65.74
2.30	0.39	66.78	88.09	22.84	0.0	43.201	9.982	0.68	66.78

2.31	0.39	67.81	88.47	23.04	0.0	43.201	9.982	0.68	67.81
2.32	0.39	68.84	88.86	23.24	0.0	43.201	9.982	0.68	68.84
2.33	0.39	69.87	89.25	23.44	0.0	43.201	9.982	0.68	69.87
2.34	0.39	70.89	89.64	23.65	0.0	43.201	9.982	0.68	70.89
2.35	0.39	71.91	90.03	23.86	0.0	43.201	9.982	0.68	71.91
2.36	0.39	72.92	90.41	24.07	0.0	43.201	9.982	0.69	72.92
2.37	0.39	73.93	90.80	24.28	0.0	43.201	9.982	0.69	73.93
2.38	0.39	74.93	91.20	24.50	0.0	43.201	9.982	0.69	74.93
2.39	0.39	75.93	91.59	24.72	0.0	43.201	9.982	0.69	75.93
2.40	0.39	76.92	91.98	24.94	0.0	43.201	9.982	0.69	76.92
2.41	0.39	77.91	92.37	25.17	0.0	43.201	9.982	0.69	77.91
2.42	0.39	78.90	92.77	25.40	0.0	43.201	9.982	0.69	78.90
2.43	0.39	79.88	93.16	25.63	0.0	43.201	9.982	0.69	79.88
2.44	0.40	80.86	93.56	25.86	0.0	43.201	9.982	0.70	80.86
2.45	0.40	81.84	93.95	26.10	0.0	43.201	9.982	0.70	81.84
2.46	0.40	82.81	94.35	26.33	0.0	43.201	9.982	0.70	82.81
2.47	0.40	83.78	94.75	26.58	0.0	43.201	9.982	0.70	83.78
2.48	0.40	84.74	95.15	26.82	0.0	43.201	9.982	0.70	84.74
2.49	0.40	85.70	95.55	27.07	0.0	43.201	9.982	0.70	85.70
2.50	0.40	86.65	95.95	27.31	0.0	43.201	9.982	0.70	86.65
2.51	0.40	87.60	96.35	27.57	0.0	43.201	9.982	0.71	87.60
2.52	0.40	88.55	96.75	27.82	0.0	43.201	9.982	0.71	88.55
2.53	0.40	89.50	97.15	28.07	0.0	43.201	9.982	0.71	89.50
2.54	0.40	90.44	97.56	28.33	0.0	43.201	9.982	0.71	90.44
2.55	0.40	91.37	97.96	28.59	0.0	43.201	9.982	0.71	91.37
2.56	0.41	92.30	98.37	28.86	0.0	43.201	9.982	0.71	92.30
2.57	0.41	93.23	98.77	29.12	0.0	43.201	9.982	0.72	93.23
2.58	0.41	94.16	99.18	29.39	0.0	43.201	9.982	0.72	94.16
2.59	0.41	95.08	99.59	29.66	0.0	43.201	9.982	0.72	95.08
2.60	0.41	96.00	100.00	29.93	0.014	43.202	9.983	0.72	96.00

RELATIVE WT %	77.13	CLEAN COAL ASH %	9.98	REFUSE ASH %	45.10
HEAD ASH %	29.93	CLEAN COAL YIELD%	43.20	REFUSE YIELD%	56.80
RAW COAL TON.	170.948700	CLEAN COAL TON.	73.852371	REFUSE TON.	97.096329
THEO. YIELD	46.76	ECART PROB. MOYEN	0.0361		
SG OF SEPARATION	1.549	IMPERFECTION	0.023		
NEAR GRAVITY MAT	36.415				
ORGANIC EFFCY.	92.39				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY : EQUIPEMENT HMC SG-ASH 10.00 EP 0.087 SG 1.65

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 14.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	1.23	0.25	1.23	0.25	98.537	1.211	0.248	0.06	0.25
1.25	1.24	0.48	2.47	0.37	98.499	2.437	0.367	0.06	0.48
1.26	1.26	0.72	3.73	0.49	98.461	3.677	0.486	0.06	0.72
1.27	1.28	1.02	5.01	0.62	98.423	4.933	0.622	0.06	1.02
1.28	1.29	1.39	6.30	0.78	98.385	6.204	0.779	0.07	1.39
1.29	1.31	1.75	7.61	0.95	98.347	7.492	0.946	0.07	1.75
1.30	1.33	2.11	8.94	1.12	98.309	8.797	1.119	0.07	2.11
1.31	1.35	2.22	10.29	1.26	98.271	10.127	1.263	0.07	2.22
1.32	1.38	2.32	11.67	1.39	98.232	11.483	1.388	0.08	2.32
1.33	1.40	2.66	13.07	1.52	98.194	12.855	1.523	0.08	2.66
1.34	1.40	3.22	14.47	1.69	98.156	14.232	1.688	0.08	3.22
1.35	1.40	3.79	15.87	1.87	98.117	15.604	1.872	0.08	3.79
1.36	1.36	4.14	17.23	2.05	98.078	16.938	2.051	0.08	4.14
1.37	1.35	4.50	18.58	2.23	98.039	18.259	2.229	0.08	4.50
1.38	1.41	4.82	19.98	2.41	98.000	19.638	2.410	0.09	4.82
1.39	1.54	5.10	21.52	2.61	97.871	21.144	2.602	0.10	5.10
1.40	1.74	5.39	23.27	2.81	97.585	22.845	2.810	0.13	5.39
1.41	2.85	5.39	26.12	3.09	97.177	25.615	3.089	0.26	5.39
1.42	3.90	5.39	30.02	3.39	96.680	29.383	3.384	0.41	5.39
1.43	4.46	5.75	34.47	3.70	96.128	33.667	3.685	0.55	5.75
1.44	3.11	6.48	37.58	3.93	95.557	36.641	3.912	0.44	6.48
1.45	2.82	7.20	40.41	4.16	95.000	39.322	4.137	0.45	7.20
1.46	3.30	7.58	43.70	4.42	94.445	42.495	4.389	0.58	7.58
1.47	3.34	7.96	47.04	4.67	93.796	45.563	4.635	0.66	7.96
1.48	3.22	8.78	50.25	4.93	92.959	48.553	4.890	0.72	8.78
1.49	2.94	10.05	53.19	5.21	91.842	51.250	5.162	0.76	10.05
1.50	2.50	11.31	55.69	5.49	90.351	53.509	5.421	0.77	11.31
1.51	2.00	12.16	57.69	5.72	88.056	55.273	5.636	0.76	12.16
1.52	1.63	13.01	59.32	5.92	85.857	96.670	5.818	0.73	13.01
1.53	1.36	13.81	60.68	6.10	83.441	57.807	5.975	0.72	13.81
1.54	1.21	14.56	61.89	6.26	80.849	58.786	6.118	0.74	14.56
1.55	1.17	15.30	63.07	6.43	78.118	59.701	6.259	0.82	15.30
1.56	1.20	15.79	64.27	6.60	75.287	60.605	6.401	0.95	15.79
1.57	1.20	16.27	65.47	6.78	72.126	61.470	6.540	1.07	16.27
1.58	1.17	16.96	66.63	6.96	69.253	62.280	6.676	1.15	16.96
1.59	1.11	17.85	67.74	7.14	66.379	63.014	6.806	1.19	17.85
1.60	1.01	18.73	68.75	7.31	63.506	63.656	6.926	1.18	18.73
1.61	0.93	19.17	69.68	7.47	60.632	64.221	7.034	1.17	19.17
1.62	0.89	19.59	70.57	7.62	57.759	64.734	7.133	1.20	19.59
1.63	0.85	20.31	71.42	7.77	54.885	65.198	7.227	1.22	20.31
1.64	0.80	21.30	72.22	7.92	52.011	65.616	7.317	1.23	21.30
1.65	0.76	22.29	72.98	8.07	49.138	65.990	7.402	1.24	22.29
1.66	0.73	22.81	73.71	8.22	47.126	66.334	7.481	1.23	22.81
1.67	0.70	23.33	74.41	8.36	44.253	66.643	7.555	1.24	23.33
1.68	0.66	24.19	75.07	8.50	41.379	66.916	7.623	1.23	24.19
1.69	0.61	25.40	75.68	8.63	38.506	67.150	7.685	1.19	25.40
1.70	0.55	26.60	76.23	8.76	35.632	67.345	7.740	1.13	26.60

1.71	0.51	27.64	76.73	8.89	32.759	67.511	7.788	1.09	27.64
1.72	0.49	28.67	77.22	9.01	29.885	67.657	7.833	1.09	28.67
1.73	0.47	29.70	77.69	9.14	27.011	67.783	7.874	1.09	29.70
1.74	0.44	30.72	78.13	9.26	24.138	67.890	7.910	1.07	30.72
1.75	0.42	31.73	78.55	9.38	22.222	67.983	7.943	1.04	31.73
1.76	0.39	32.42	78.94	9.49	19.641	68.059	7.970	1.00	32.42
1.77	0.36	33.10	79.30	9.60	17.266	68.122	7.993	0.95	33.10
1.78	0.33	33.78	79.63	9.70	15.106	68.171	8.012	0.89	33.78
1.79	0.29	34.45	79.92	9.79	13.169	68.210	8.027	0.82	34.45
1.80	0.26	35.13	80.18	9.87	11.464	68.240	8.039	0.73	35.13
1.81	0.23	35.72	80.41	9.95	10.000	68.263	8.048	0.67	35.72
1.82	0.22	36.30	80.63	10.02	8.761	68.282	8.056	0.65	36.30
1.83	0.21	36.88	80.85	10.09	7.718	68.299	8.063	0.63	36.88
1.84	0.21	37.46	81.06	10.16	6.857	68.313	8.069	0.62	37.46
1.85	0.21	38.04	81.27	10.23	6.166	68.326	8.075	0.62	38.04
1.86	0.21	39.03	81.47	10.31	5.631	68.338	8.080	0.63	39.03
1.87	0.21	40.02	81.69	10.38	5.240	68.349	8.086	0.64	40.02
1.88	0.22	40.99	81.90	10.46	4.980	68.360	8.091	0.66	40.99
1.89	0.23	41.97	82.13	10.55	4.788	68.371	8.096	0.69	41.97
1.90	0.24	42.94	82.37	10.65	4.573	68.382	8.102	0.73	42.94
1.91	0.25	43.80	82.62	10.74	4.358	68.392	8.107	0.75	43.80
1.92	0.25	44.65	82.86	10.85	4.143	68.403	8.113	0.75	44.65
1.93	0.25	45.50	83.11	10.95	3.930	68.412	8.118	0.75	45.50
1.94	0.25	46.34	83.36	11.05	3.721	68.421	8.123	0.76	46.34
1.95	0.25	47.18	83.60	11.16	3.516	68.430	8.128	0.76	47.18
1.96	0.25	48.02	83.85	11.27	3.319	68.438	8.133	0.76	48.02
1.97	0.25	48.85	84.09	11.38	3.129	68.446	8.138	0.76	48.85
1.98	0.25	49.68	84.34	11.49	2.948	68.453	8.142	0.76	49.68
1.99	0.25	50.50	84.59	11.60	2.778	68.460	8.146	0.76	50.50
2.00	0.25	51.32	84.83	11.72	2.620	68.466	8.150	0.76	51.32
2.01	0.25	52.13	85.08	11.83	2.476	68.473	8.154	0.76	52.13
2.02	0.25	52.94	85.32	11.95	2.347	68.478	8.158	0.76	52.94
2.03	0.25	53.75	85.57	12.07	2.235	68.484	8.162	0.77	53.75
2.04	0.25	54.55	85.81	12.19	2.141	68.489	8.165	0.77	54.55
2.05	0.25	55.35	86.06	12.32	2.066	68.494	8.169	0.77	55.35
2.06	0.25	56.15	86.31	12.44	2.012	68.499	8.172	0.77	56.15
2.07	0.25	56.94	86.55	12.57	1.964	68.504	8.176	0.77	56.94
2.08	0.25	57.73	86.80	12.70	1.927	68.509	8.179	0.77	57.73
2.09	0.25	58.51	87.04	12.83	1.891	68.513	8.182	0.77	58.51
2.10	0.25	59.29	87.29	12.96	1.854	68.518	8.186	0.77	59.29
2.11	0.25	60.07	87.54	13.09	1.817	68.522	8.189	0.77	60.07
2.12	0.25	60.84	87.78	13.22	1.780	68.527	8.193	0.77	60.84
2.13	0.25	61.61	88.03	13.36	1.743	68.531	8.196	0.77	61.61
2.14	0.25	62.37	88.27	13.49	1.706	68.535	8.199	0.77	62.37
2.15	0.25	63.13	88.52	13.63	1.669	68.539	8.203	0.77	63.13
2.16	0.25	63.89	88.77	13.77	1.633	68.543	8.206	0.77	63.89
2.17	0.25	64.65	89.01	13.91	1.596	68.547	8.209	0.77	64.65
2.18	0.25	65.40	89.26	14.06	1.560	68.551	8.212	0.78	65.40
2.19	0.25	66.15	89.51	14.20	1.523	68.555	8.215	0.78	66.15
2.20	0.25	66.89	89.76	14.35	1.487	68.559	8.219	0.78	66.89
2.21	0.25	67.63	90.00	14.49	1.451	68.562	8.222	0.78	67.63
2.22	0.25	68.37	90.25	14.64	1.415	68.566	8.225	0.78	68.37
2.23	0.25	69.10	90.50	14.79	1.380	68.569	8.228	0.78	69.10
2.24	0.25	69.83	90.75	14.94	1.345	68.572	8.231	0.78	69.83
2.25	0.25	70.56	91.00	15.09	1.311	68.576	8.234	0.78	70.56
2.26	0.25	71.34	91.25	15.25	1.276	68.579	8.237	0.78	71.34
2.27	0.25	72.12	91.50	15.40	1.242	68.582	8.240	0.79	72.12
2.28	0.25	72.89	91.75	15.56	1.209	68.585	8.242	0.79	72.89
2.29	0.25	73.66	92.00	15.72	1.176	68.588	8.245	0.79	73.66
2.30	0.25	74.43	92.25	15.88	1.144	68.591	8.248	0.79	74.43

2.31	.25	75.19	92.50	16.04	1.112	68.594	8.251	.79	75.19
2.32	0.25	75.95	92.75	16.20	1.081	68.596	8.253	0.79	75.95
2.33	0.25	76.71	93.00	16.36	1.050	68.599	8.256	0.79	76.71
2.34	0.25	77.46	93.25	16.53	1.021	68.602	8.259	0.80	77.46
2.35	0.25	78.21	93.51	16.69	0.991	68.604	8.261	0.80	78.21
2.36	0.25	78.96	93.76	16.86	0.971	68.607	8.264	0.80	78.96
2.37	0.25	79.70	94.01	17.03	0.942	68.609	8.266	0.80	79.70
2.38	0.25	80.44	94.27	17.20	0.912	68.611	8.269	0.80	80.44
2.39	0.25	81.18	94.52	17.37	0.883	68.613	8.271	0.80	81.18
2.40	0.25	81.92	94.78	17.55	0.853	68.616	8.273	0.81	81.92
2.41	0.26	82.65	95.03	17.72	0.823	68.618	8.276	0.81	82.65
2.42	0.26	83.38	95.29	17.90	0.794	68.620	8.278	0.81	83.38
2.43	0.26	84.10	95.54	18.08	0.764	68.622	8.280	0.81	84.10
2.44	0.26	84.83	95.80	18.26	0.734	68.624	8.282	0.81	84.83
2.45	0.26	85.54	96.06	18.44	0.704	68.625	8.284	0.82	85.54
2.46	0.26	86.26	96.32	18.62	0.674	68.627	8.286	0.82	86.26
2.47	0.26	86.98	96.58	18.80	0.645	68.629	8.288	0.82	86.98
2.48	0.26	87.69	96.83	18.99	0.615	68.630	8.290	0.82	87.69
2.49	0.26	88.39	97.09	19.17	0.585	68.632	8.292	0.82	88.39
2.50	0.26	89.10	97.36	19.36	0.555	68.633	8.293	0.83	89.10
2.51	0.26	89.80	97.62	19.55	0.526	68.635	8.295	0.83	89.80
2.52	0.26	90.50	97.88	19.74	0.496	68.636	8.297	0.83	90.50
2.53	0.26	91.20	98.14	19.93	0.467	68.637	8.298	0.83	91.20
2.54	0.26	91.89	98.40	20.12	0.437	68.638	8.300	0.84	91.89
2.55	0.26	92.58	98.67	20.32	0.408	68.640	8.301	0.84	92.58
2.56	0.26	93.27	98.93	20.51	0.379	68.641	8.302	0.84	93.27
2.57	0.27	93.96	99.20	20.71	0.350	68.641	8.303	0.84	93.96
2.58	0.27	94.64	99.47	20.91	0.321	68.642	8.304	0.85	94.64
2.59	0.27	95.32	99.73	21.10	0.292	68.643	8.305	0.85	95.32
2.60	0.27	96.00	100.00	21.31	0.264	68.644	8.306	0.85	96.00

RELATIVE WT %	14.66	CLEAN COAL ASH %	8.31	REFUSE ASH %	49.76
HEAD ASH %	21.31	CLEAN COAL YIELD%	68.64	REFUSE YIELD%	31.36
RAW COAL TON.	32.491165	CLEAN COAL TON.	22.303162	REFUSE TON.	10.188004
THEO. YIELD	74.16	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.666	IMPERFECTION	0.053		
NEAR GRAVITY MAT	14.137				
ORGANIC EFFCY.	92.57				

Yield Table

Blended Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : BLEND SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN HO

MINE PERIOD : PROPERTY

FRACTION SIZE (MM)	10.00	0.60	0.60	0.15	
EQUIPMENT		HMC		HMC	
RELATIVE WEIGHT %		77.13		14.66	91.79
HEAD ASH %		29.93		21.31	28.55
RAW COAL TONNAGE		170.948700		32.491165	203.439865
CLEAN COAL ASH %		9.98		8.31	9.59
CLEAN COAL YIELD		43.20		68.64	47.26
CLEAN COAL TONNAGE		73.852371		22.303162	96.155533
THEORETICAL YIELD		46.76		74.16	
THEO. CUTPOINT		1.549		1.67	
NEAR GRAVITY MATERIAL		36.415		14.137	
ORGANIC EFFICIENCY		92.39		92.57	
ECART PROBABLE MOYEN		0.0361		0.087	
IMPERFECTION		0.023		0.053	
REFUSE ASH		45.10		49.76	45.55
REFUSE YIELD		56.80		31.36	52.74
REFUSE TONNAGE		97.096329		10.188004	107.284332

Washability Data

Individual Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 1 WID: WA1* EQUIPE HMC SG-ASH 10.00 EP 0.036 SG 1.54

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 81.32 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.808	0.0	0.010	0.0	0.01
1.24	0.55	1.17	0.55	1.17	99.712	0.548	1.170	0.00	1.17
1.25	0.55	2.33	1.10	1.75	99.617	1.096	1.750	0.00	2.33
1.26	0.54	3.47	1.64	2.32	99.522	1.634	2.316	0.01	3.47
1.27	0.54	4.61	2.18	2.88	99.427	2.171	2.883	0.01	4.61
1.28	0.53	5.73	2.71	3.44	99.332	2.697	3.439	0.01	5.73
1.29	0.53	6.85	3.24	4.00	99.237	3.223	3.995	0.01	6.85
1.30	0.52	7.96	3.76	4.55	99.143	3.739	4.542	0.01	7.96
1.31	0.52	9.06	4.28	5.09	99.048	4.254	5.089	0.01	9.06
1.32	0.69	9.61	4.97	5.72	98.952	4.936	5.715	0.02	9.61
1.33	0.69	9.61	5.66	6.20	98.906	5.619	6.188	0.02	9.61
1.34	0.68	9.61	6.34	6.56	98.812	6.291	6.553	0.02	9.61
1.35	0.68	9.61	7.02	6.86	98.719	6.962	6.848	0.02	9.61
1.36	0.67	9.61	7.69	7.10	98.627	7.623	7.087	0.02	9.61
1.37	0.67	9.61	8.36	7.30	98.536	8.283	7.288	0.02	9.61
1.38	0.66	9.61	9.02	7.47	98.444	8.933	7.457	0.02	9.61
1.39	0.66	9.61	9.68	7.61	98.353	9.582	7.603	0.02	9.61
1.40	0.65	9.61	10.33	7.74	98.261	10.221	7.729	0.02	9.61
1.41	3.79	9.61	14.12	8.24	98.169	13.941	8.231	0.15	9.61
1.42	4.81	9.61	18.93	8.59	98.075	18.659	8.579	0.20	9.61
1.43	5.54	9.61	24.47	8.82	97.981	24.087	8.812	0.24	9.61
1.44	6.01	9.61	30.48	8.98	97.425	29.942	8.968	0.34	9.61
1.45	6.20	9.61	36.68	9.08	96.219	35.908	9.074	0.51	9.61
1.46	3.34	10.79	40.02	9.23	94.873	39.076	9.214	0.37	10.79
1.47	3.15	11.97	43.17	9.43	93.546	42.023	9.407	0.44	11.97
1.48	2.80	13.13	45.97	9.65	90.820	44.566	9.619	0.56	13.13
1.49	2.30	14.29	48.27	9.87	84.807	46.517	9.815	0.76	14.29
1.50	1.66	15.44	49.93	10.06	78.432	47.819	9.968	0.78	15.44
1.51	1.81	16.54	51.74	10.28	68.056	49.050	10.133	1.26	16.54
1.52	1.74	17.64	53.48	10.52	61.111	50.114	10.293	1.48	17.64
1.53	1.67	18.73	55.15	10.77	54.167	51.018	10.442	1.67	18.73
1.54	1.58	19.82	56.73	11.02	47.222	51.764	10.577	1.82	19.82
1.55	1.48	20.89	58.21	11.27	43.055	52.402	10.703	1.84	20.89
1.56	1.37	21.55	59.58	11.51	36.111	52.896	10.804	1.91	21.55
1.57	1.25	22.19	60.83	11.73	29.166	53.261	10.882	1.93	22.19
1.58	1.12	22.84	61.95	11.93	22.222	53.510	10.938	1.90	22.84
1.59	0.98	23.48	62.93	12.11	18.622	53.692	10.980	1.74	23.48
1.60	0.83	24.12	63.76	12.27	13.470	53.804	11.008	1.57	24.12
1.61	0.76	24.90	64.52	12.42	7.366	53.860	11.022	1.54	24.90
1.62	0.78	25.67	65.30	12.57	5.745	53.905	11.034	1.60	25.67
1.63	0.78	26.44	66.08	12.74	4.953	53.944	11.045	1.62	26.44
1.64	0.77	27.21	66.85	12.91	4.487	53.978	11.056	1.60	27.21
1.65	0.74	27.97	67.59	13.07	3.972	54.007	11.065	1.55	27.97
1.66	0.70	28.35	68.29	13.23	3.475	54.032	11.073	1.47	28.35
1.67	0.64	28.72	68.93	13.37	3.016	54.051	11.079	1.35	28.72
1.68	0.57	29.09	69.50	13.50	2.616	54.066	11.084	1.21	29.09
1.69	0.48	29.46	69.98	13.61	2.296	54.077	11.088	1.02	29.46
1.70	0.37	29.82	70.35	13.69	2.076	54.085	11.090	0.79	29.82

1.71	0.31	30.01	70.66	13.77	1.976	54.091	11.093	0.66	30.01
1.72	0.31	30.20	70.97	13.84	1.912	54.097	11.095	0.66	30.20
1.73	0.31	30.39	71.28	13.91	1.824	54.102	11.097	0.66	30.39
1.74	0.31	30.58	71.59	13.98	1.735	54.108	11.099	0.66	30.58
1.75	0.31	30.76	71.90	14.05	1.647	54.113	11.101	0.67	30.76
1.76	0.31	31.81	72.21	14.13	1.559	54.118	11.102	0.67	31.81
1.77	0.31	32.84	72.52	14.21	1.472	54.122	11.104	0.67	32.84
1.78	0.31	33.87	72.83	14.29	1.387	54.127	11.106	0.67	33.87
1.79	0.31	34.89	73.14	14.38	1.303	54.131	11.108	0.67	34.89
1.80	0.30	35.91	73.44	14.47	1.221	54.134	11.110	0.65	35.91
1.81	0.30	36.63	73.74	14.56	1.142	54.138	11.111	0.65	36.63
1.82	0.30	37.35	74.04	14.65	1.066	54.141	11.113	0.65	37.35
1.83	0.30	38.06	74.34	14.75	0.993	54.144	11.114	0.65	38.06
1.84	0.30	38.77	74.64	14.84	0.928	54.147	11.116	0.65	38.77
1.85	0.30	39.48	74.94	14.94	0.855	54.149	11.117	0.65	39.48
1.86	0.30	39.90	75.24	15.04	0.782	54.152	11.118	0.65	39.90
1.87	0.30	40.33	75.54	15.14	0.709	54.154	11.119	0.65	40.33
1.88	0.30	40.75	75.84	15.24	0.635	54.156	11.120	0.65	40.75
1.89	0.30	41.17	76.14	15.34	0.563	54.157	11.121	0.65	41.17
1.90	0.30	41.59	76.44	15.45	0.491	54.159	11.122	0.65	41.59
1.91	0.31	41.93	76.75	15.55	0.419	54.160	11.123	0.67	41.93
1.92	0.31	42.26	77.06	15.66	0.350	54.161	11.124	0.67	42.26
1.93	0.31	42.60	77.37	15.77	0.281	54.162	11.124	0.67	42.60
1.94	0.32	42.93	77.69	15.88	0.215	54.163	11.124	0.70	42.93
1.95	0.32	43.26	78.01	15.99	0.150	54.163	11.125	0.70	43.26
1.96	0.32	43.72	78.33	16.11	0.088	54.164	11.125	0.70	43.72
1.97	0.32	44.18	78.65	16.22	0.029	54.164	11.125	0.70	44.18
1.98	0.32	44.64	78.97	16.34	0.0	54.164	11.125	0.70	44.64
1.99	0.32	45.10	79.29	16.45	0.0	54.164	11.125	0.70	45.10
2.00	0.31	45.55	79.60	16.57	0.0	54.164	11.125	0.68	45.55
2.01	0.13	45.96	79.73	16.61	0.0	54.164	11.125	0.28	45.96
2.02	0.13	46.37	79.86	16.66	0.0	54.164	11.125	0.28	46.37
2.03	0.13	46.78	79.99	16.71	0.0	54.164	11.125	0.28	46.78
2.04	0.12	47.18	80.11	16.76	0.0	54.164	11.125	0.26	47.18
2.05	0.12	47.58	80.23	16.80	0.0	54.164	11.125	0.26	47.58
2.06	0.47	47.59	80.70	16.98	0.0	54.164	11.125	1.03	47.59
2.07	0.45	47.59	81.15	17.15	0.0	54.164	11.125	0.98	47.59
2.08	0.43	47.59	81.58	17.31	0.0	54.164	11.125	0.94	47.59
2.09	0.40	47.59	81.98	17.46	0.0	54.164	11.125	0.87	47.59
2.10	0.38	47.59	82.36	17.60	0.0	54.164	11.125	0.83	47.59
2.11	0.09	47.59	82.45	17.63	0.0	54.164	11.125	0.20	47.59
2.12	0.09	47.59	82.54	17.66	0.0	54.164	11.125	0.20	47.59
2.13	0.09	47.59	82.63	17.70	0.0	54.164	11.125	0.20	47.59
2.14	0.09	47.59	82.72	17.73	0.0	54.164	11.125	0.20	47.59
2.15	0.09	47.59	82.81	17.76	0.0	54.164	11.125	0.20	47.59
2.16	0.0	48.83	82.81	17.76	0.0	54.164	11.125	0.0	48.83
2.17	0.0	50.06	82.81	17.76	0.0	54.164	11.125	0.0	50.06
2.18	0.0	51.29	82.81	17.76	0.0	54.164	11.125	0.0	51.29
2.19	0.0	52.51	82.81	17.76	0.0	54.164	11.125	0.0	52.51
2.20	0.0	53.72	82.81	17.76	0.0	54.164	11.125	0.0	53.72
2.21	0.09	54.71	82.90	17.80	0.0	54.164	11.125	0.20	54.71
2.22	0.11	55.68	83.01	17.85	0.0	54.164	11.125	0.24	55.68
2.23	0.12	56.66	83.13	17.91	0.0	54.164	11.125	0.26	56.66
2.24	0.13	57.62	83.26	17.97	0.0	54.164	11.125	0.28	57.62
2.25	0.15	58.59	83.41	18.04	0.0	54.164	11.125	0.33	58.59
2.26	0.16	59.91	83.57	18.12	0.0	54.164	11.125	0.35	59.91
2.27	0.18	61.22	83.75	18.22	0.0	54.164	11.125	0.39	61.22
2.28	0.20	62.52	83.95	18.32	0.0	54.164	11.125	0.44	62.52
2.29	0.21	63.82	84.16	18.44	0.0	54.164	11.125	0.46	63.82
2.30	0.23	65.12	84.39	18.56	0.0	54.164	11.125	0.50	65.12

2.31	0.55	65.90	84.94	18.87	0.0	54.164	11.125	1.20	65.90
2.32	0.55	66.69	85.49	19.18	0.0	54.164	11.125	1.20	66.69
2.33	0.55	67.47	86.04	19.49	0.0	54.164	11.125	1.20	67.47
2.34	0.54	68.25	86.58	19.79	0.0	54.164	11.125	1.18	68.25
2.35	0.54	69.02	87.12	20.10	0.0	54.164	11.125	1.18	69.02
2.36	0.54	69.79	87.66	20.40	0.0	54.164	11.125	1.18	69.79
2.37	0.54	70.56	88.20	20.71	0.0	54.164	11.125	1.18	70.56
2.38	0.53	71.32	88.73	21.01	0.0	54.164	11.125	1.16	71.32
2.39	0.53	72.08	89.26	21.31	0.0	54.164	11.125	1.16	72.08
2.40	0.53	72.84	89.79	21.62	0.0	54.164	11.125	1.16	72.84
2.41	0.53	73.60	90.32	21.92	0.0	54.164	11.125	1.16	73.60
2.42	0.53	74.35	90.85	22.23	0.0	54.164	11.125	1.16	74.35
2.43	0.52	75.10	91.37	22.53	0.0	54.164	11.125	1.13	75.10
2.44	0.52	75.84	91.89	22.83	0.0	54.164	11.125	1.13	75.84
2.45	0.52	76.58	92.41	23.13	0.0	54.164	11.125	1.13	76.58
2.46	0.52	77.91	92.93	23.44	0.0	54.164	11.125	1.13	77.91
2.47	0.51	79.24	93.44	23.74	0.0	54.164	11.125	1.11	79.24
2.48	0.51	80.56	93.95	24.05	0.0	54.164	11.125	1.11	80.56
2.49	0.51	81.87	94.46	24.37	0.0	54.164	11.125	1.11	81.87
2.50	0.51	83.18	94.97	24.68	0.0	54.164	11.125	1.11	83.18
2.51	0.51	84.49	95.48	25.00	0.0	54.164	11.125	1.11	84.49
2.52	0.50	85.79	95.98	25.32	0.0	54.164	11.125	1.09	85.79
2.53	0.50	87.08	96.48	25.64	0.0	54.164	11.125	1.09	87.08
2.54	0.50	88.37	96.98	25.96	0.0	54.164	11.125	1.09	88.37
2.55	0.50	89.65	97.48	26.29	0.0	54.164	11.125	1.09	89.65
2.56	0.50	90.93	97.98	26.62	0.0	54.164	11.125	1.09	90.93
2.57	0.49	92.21	98.47	26.94	0.0	54.164	11.125	1.07	92.21
2.58	0.49	93.48	98.96	27.27	0.0	54.164	11.125	1.07	93.48
2.59	0.49	94.74	99.45	27.61	0.0	54.164	11.125	1.07	94.74
2.60	0.49	96.00	99.94	27.94	0.014	54.164	11.125	1.07	96.00

		CLEAN COAL ASH %	11.13	REFUSE ASH %	47.81
HEAD ASH %	27.94	CLEAN COAL YIELD%	54.16	REFUSE YIELD%	45.84
THEO. YIELD	57.33	ECART PROB. MOYEN	0.0361		
SG OF SEPARATION	1.544	IMPERFECTION	0.023		
NEAR GRAVITY MAT	34.173				
ORGANIC EFFCY.	94.48				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 3 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 60.62 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.808	0.0	0.010	0.0	0.01
1.24	0.32	0.28	0.32	0.28	99.712	0.319	0.280	0.00	0.28
1.25	0.32	0.56	0.64	0.42	99.617	0.638	0.420	0.00	0.56
1.26	0.31	0.83	0.95	0.55	99.522	0.946	0.554	0.00	0.83
1.27	0.31	1.09	1.26	0.69	99.427	1.255	0.685	0.00	1.09
1.28	0.31	1.36	1.57	0.82	99.332	1.563	0.818	0.00	1.36
1.29	0.31	1.62	1.88	0.95	99.237	1.870	0.950	0.00	1.62
1.30	0.30	1.88	2.18	1.08	99.143	2.168	1.078	0.00	1.88
1.31	0.30	2.14	2.48	1.21	99.048	2.465	1.206	0.01	2.14
1.32	0.30	2.42	2.78	1.34	98.952	2.762	1.336	0.01	2.42
1.33	0.30	2.71	3.08	1.47	98.905	3.058	1.470	0.01	2.71
1.34	0.29	2.99	3.37	1.60	98.812	3.345	1.600	0.01	2.99
1.35	0.29	3.28	3.66	1.74	98.719	3.631	1.732	0.01	3.28
1.36	0.29	3.56	3.95	1.87	98.627	3.917	1.866	0.01	3.56
1.37	0.29	3.84	4.24	2.00	98.536	4.203	2.000	0.01	3.84
1.38	0.29	4.12	4.53	2.14	98.444	4.488	2.135	0.01	4.12
1.39	0.28	4.39	4.81	2.27	98.353	4.764	2.265	0.01	4.39
1.40	0.28	4.67	5.09	2.40	98.261	5.039	2.397	0.01	4.67
1.41	2.91	4.77	8.00	3.26	98.169	7.896	3.255	0.10	4.77
1.42	3.31	4.86	11.31	3.73	98.075	11.142	3.723	0.12	4.86
1.43	3.62	4.96	14.93	4.03	97.981	14.689	4.022	0.14	4.96
1.44	3.82	5.05	18.75	4.24	97.425	18.410	4.229	0.19	5.05
1.45	3.92	5.14	22.67	4.39	96.219	22.182	4.384	0.29	5.14
1.46	3.93	6.29	26.60	4.67	94.873	25.911	4.659	0.39	6.29
1.47	3.83	7.43	30.43	5.02	93.546	29.494	4.995	0.48	7.43
1.48	3.63	8.56	34.06	5.40	90.820	32.790	5.354	0.65	8.56
1.49	3.33	9.69	37.39	5.78	84.807	35.614	5.697	0.98	9.69
1.50	2.92	10.80	40.31	6.14	78.432	37.905	6.006	1.22	10.80
1.51	2.70	11.83	43.01	6.50	68.056	39.742	6.275	1.67	11.83
1.52	2.71	12.85	45.72	6.88	61.111	41.398	6.538	2.04	12.85
1.53	2.68	13.87	48.40	7.26	54.167	42.850	6.786	2.38	13.87
1.54	2.62	14.88	51.02	7.66	47.222	44.087	7.014	2.68	14.88
1.55	2.54	15.88	53.56	8.05	43.055	45.181	7.228	2.80	15.88
1.56	2.43	16.76	55.99	8.42	36.111	46.058	7.410	3.01	16.76
1.57	2.28	17.64	58.27	8.78	29.166	46.723	7.555	3.13	17.64
1.58	2.11	18.51	60.38	9.12	22.222	47.192	7.664	3.18	18.51
1.59	1.90	19.37	62.28	9.44	18.622	47.546	7.751	2.99	19.37
1.60	1.67	20.23	63.95	9.72	13.470	47.771	7.810	2.80	20.23
1.61	1.51	21.20	65.46	9.98	7.366	47.882	7.841	2.71	21.20
1.62	1.44	22.16	66.90	10.25	5.745	47.965	7.866	2.63	22.16
1.63	1.36	23.11	68.26	10.50	4.953	48.032	7.887	2.50	23.11
1.64	1.28	24.05	69.54	10.75	4.487	48.090	7.907	2.37	24.05
1.65	1.18	24.99	70.72	10.99	3.972	48.137	7.923	2.19	24.99
1.66	1.08	25.39	71.80	11.21	3.475	48.174	7.937	2.02	25.39
1.67	0.98	25.78	72.78	11.40	3.016	48.204	7.948	1.84	25.78
1.68	0.86	26.17	73.64	11.57	2.616	48.226	7.956	1.62	26.17
1.69	0.74	26.55	74.38	11.72	2.296	48.243	7.963	1.40	26.55
1.70	0.61	26.94	74.99	11.85	2.076	48.256	7.968	1.16	26.94

1.71	0.55	27.37	75.54	11.96	1.976	48.267	7.972	1.04	27.37
1.72	0.54	27.80	76.08	12.07	1.912	48.277	7.976	1.03	27.80
1.73	0.54	28.23	76.62	12.19	1.824	48.287	7.981	1.03	28.23
1.74	0.53	28.66	77.15	12.30	1.735	48.296	7.985	1.01	28.66
1.75	0.51	29.09	77.66	12.41	1.647	48.304	7.988	0.97	29.09
1.76	0.49	29.78	78.15	12.52	1.559	48.312	7.992	0.93	29.78
1.77	0.47	30.47	78.62	12.63	1.472	48.319	7.995	0.90	30.47
1.78	0.44	31.15	79.06	12.73	1.387	48.325	7.998	0.84	31.15
1.79	0.41	31.84	79.47	12.83	1.303	48.330	8.000	0.78	31.84
1.80	0.37	32.51	79.84	12.92	1.221	48.335	8.003	0.71	32.51
1.81	0.35	33.06	80.19	13.01	1.142	48.339	8.005	0.67	33.06
1.82	0.35	33.60	80.54	13.10	1.066	48.343	8.007	0.67	33.60
1.83	0.35	34.13	80.89	13.19	0.993	48.346	8.009	0.67	34.13
1.84	0.35	34.67	81.24	13.28	0.928	48.349	8.010	0.67	34.67
1.85	0.35	35.20	81.59	13.37	0.855	48.352	8.012	0.67	35.20
1.86	0.34	35.87	81.93	13.47	0.782	48.355	8.014	0.65	35.87
1.87	0.34	36.53	82.27	13.56	0.709	48.357	8.015	0.65	36.53
1.88	0.33	37.19	82.60	13.66	0.635	48.360	8.016	0.64	37.19
1.89	0.32	37.85	82.92	13.75	0.563	48.361	8.018	0.62	37.85
1.90	0.31	38.51	83.23	13.84	0.491	48.363	8.018	0.60	38.51
1.91	0.30	38.95	83.53	13.93	0.419	48.364	8.019	0.58	38.95
1.92	0.29	39.39	83.82	14.02	0.350	48.365	8.020	0.56	39.39
1.93	0.28	39.83	84.10	14.11	0.281	48.366	8.020	0.54	39.83
1.94	0.28	40.27	84.38	14.19	0.215	48.367	8.021	0.54	40.27
1.95	0.27	40.70	84.65	14.28	0.150	48.367	8.021	0.52	40.70
1.96	0.27	41.86	84.92	14.37	0.088	48.367	8.021	0.52	41.86
1.97	0.27	43.01	85.19	14.46	0.029	48.367	8.021	0.52	43.01
1.98	0.28	44.15	85.47	14.55	0.0	48.367	8.021	0.54	44.15
1.99	0.29	45.29	85.76	14.66	0.0	48.367	8.021	0.56	45.29
2.00	0.30	46.43	86.06	14.77	0.0	48.367	8.021	0.58	46.43
2.01	0.33	47.23	86.39	14.89	0.0	48.367	8.021	0.64	47.23
2.02	0.39	48.03	86.78	15.04	0.0	48.367	8.021	0.76	48.03
2.03	0.43	48.82	87.21	15.21	0.0	48.367	8.021	0.83	48.82
2.04	0.45	49.61	87.66	15.38	0.0	48.367	8.021	0.87	49.61
2.05	0.46	50.40	88.12	15.57	0.0	48.367	8.021	0.89	50.40
2.06	0.46	51.45	88.58	15.75	0.0	48.367	8.021	0.89	51.45
2.07	0.44	52.50	89.02	15.94	0.0	48.367	8.021	0.85	52.50
2.08	0.41	53.55	89.43	16.11	0.0	48.367	8.021	0.79	53.55
2.09	0.36	54.59	89.79	16.26	0.0	48.367	8.021	0.70	54.59
2.10	0.30	55.63	90.09	16.39	0.0	48.367	8.021	0.58	55.63
2.11	0.0	56.53	90.09	16.39	0.0	48.367	8.021	0.0	56.53
2.12	0.0	57.42	90.09	16.39	0.0	48.367	8.021	0.0	57.42
2.13	0.0	58.31	90.09	16.39	0.0	48.367	8.021	0.0	58.31
2.14	0.0	59.20	90.09	16.39	0.0	48.367	8.021	0.0	59.20
2.15	0.0	60.09	90.09	16.39	0.0	48.367	8.021	0.0	60.09
2.16	0.01	60.09	90.10	16.40	0.0	48.367	8.021	0.02	60.09
2.17	0.04	60.09	90.14	16.42	0.0	48.367	8.021	0.08	60.09
2.18	0.12	60.09	90.26	16.46	0.0	48.367	8.021	0.23	60.09
2.19	0.25	60.09	90.51	16.60	0.0	48.367	8.021	0.48	60.09
2.20	0.42	60.09	90.93	16.80	0.0	48.367	8.021	0.81	60.09
2.21	0.44	60.09	91.37	17.01	0.0	48.367	8.021	0.85	60.09
2.22	0.46	60.09	91.83	17.22	0.0	48.367	8.021	0.89	60.09
2.23	0.47	60.09	92.30	17.44	0.0	48.367	8.021	0.91	60.09
2.24	0.47	60.09	92.77	17.66	0.0	48.367	8.021	0.91	60.09
2.25	0.47	60.09	93.24	17.87	0.0	48.367	8.021	0.91	60.09
2.26	0.04	60.26	93.28	17.89	0.0	48.367	8.021	0.08	60.26
2.27	0.04	60.42	93.32	17.91	0.0	48.367	8.021	0.08	60.42
2.28	0.03	60.58	93.35	17.92	0.0	48.367	8.021	0.06	60.58
2.29	0.03	60.74	93.38	17.93	0.0	48.367	8.021	0.06	60.74
2.30	0.03	60.90	93.41	17.95	0.0	48.367	8.021	0.06	60.90

2.31	0.31	60.91	93.72	18.09	0.0	48.367	8.021	0.60	60.91
2.32	0.31	60.91	94.03	18.23	0.0	48.367	8.021	0.60	60.91
2.33	0.31	60.91	94.34	18.37	0.0	48.367	8.021	0.60	60.91
2.34	0.31	60.91	94.65	18.51	0.0	48.367	8.021	0.60	60.91
2.35	0.31	60.91	94.96	18.65	0.0	48.367	8.021	0.60	60.91
2.36	0.31	60.91	95.27	18.79	0.0	48.367	8.021	0.60	60.91
2.37	0.30	60.92	95.57	18.92	0.0	48.367	8.021	0.58	60.92
2.38	0.30	60.92	95.87	19.05	0.0	48.367	8.021	0.58	60.92
2.39	0.30	60.92	96.17	19.18	0.0	48.367	8.021	0.58	60.92
2.40	0.30	60.92	96.47	19.31	0.0	48.367	8.021	0.58	60.92
2.41	0.30	60.92	96.77	19.44	0.0	48.367	8.021	0.58	60.92
2.42	0.30	60.92	97.07	19.57	0.0	48.367	8.021	0.58	60.92
2.43	0.30	60.93	97.37	19.69	0.0	48.367	8.021	0.58	60.93
2.44	0.30	60.93	97.67	19.82	0.0	48.367	8.021	0.58	60.93
2.45	0.29	60.93	97.96	19.94	0.0	48.367	8.021	0.56	60.93
2.46	0.14	63.33	98.10	20.00	0.0	48.367	8.021	0.27	63.33
2.47	0.14	65.73	98.24	20.07	0.0	48.367	8.021	0.27	65.73
2.48	0.14	68.11	98.38	20.14	0.0	48.367	8.021	0.27	68.11
2.49	0.14	70.49	98.52	20.21	0.0	48.367	8.021	0.27	70.49
2.50	0.14	72.85	98.66	20.28	0.0	48.367	8.021	0.27	72.85
2.51	0.14	75.21	98.80	20.36	0.0	48.367	8.021	0.27	75.21
2.52	0.13	77.65	98.93	20.44	0.0	48.367	8.021	0.25	77.55
2.53	0.13	79.89	99.06	20.52	0.0	48.367	8.021	0.25	79.89
2.54	0.13	82.22	99.19	20.60	0.0	48.367	8.021	0.25	82.22
2.55	0.13	84.54	99.32	20.68	0.0	48.367	8.021	0.25	84.54
2.56	0.13	86.85	99.45	20.77	0.0	48.367	8.021	0.25	86.85
2.57	0.13	89.15	99.58	20.86	0.0	48.367	8.021	0.25	89.15
2.58	0.13	91.44	99.71	20.95	0.0	48.367	8.021	0.25	91.44
2.59	0.13	93.73	99.84	21.04	0.0	48.367	8.021	0.25	93.73
2.60	0.13	96.00	99.97	21.14	0.014	48.367	8.021	0.25	96.00

		CLEAN COAL ASH %	8.02	REFUSE ASH %	33.43
HEAD ASH %	21.14	CLEAN COAL YIELD%	48.37	REFUSE YIELD%	51.63
THEO. YIELD	53.41	ECART PROB. MOYEN	0.0361		
SG OF SEPARATION	1.549	IMPERFECTION	0.023		
NEAR GRAVITY MAT	48.217				
ORGANIC EFFCY.	90.57				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 7 WID: WA1% EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

---------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 77.03 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.808	0.0	0.010	0.0	0.01
1.24	0.26	0.51	0.26	0.51	99.712	0.259	0.510	0.00	0.51
1.25	0.25	1.00	0.51	0.75	99.617	0.508	0.750	0.00	1.00
1.26	0.25	1.49	0.76	0.99	99.522	0.757	0.993	0.00	1.49
1.27	0.25	1.98	1.01	1.24	99.427	1.006	1.237	0.00	1.98
1.28	0.25	2.46	1.26	1.48	99.332	1.254	1.479	0.00	2.46
1.29	0.25	2.94	1.51	1.72	99.237	1.502	1.721	0.00	2.94
1.30	0.24	3.42	1.75	1.95	99.143	1.740	1.953	0.00	3.42
1.31	0.24	3.89	1.99	2.19	99.048	1.978	2.186	0.00	3.89
1.32	0.24	4.25	2.23	2.41	98.952	2.215	2.407	0.00	4.25
1.33	0.24	4.50	2.47	2.61	98.905	2.453	2.610	0.00	4.50
1.34	0.24	4.75	2.71	2.80	98.812	2.690	2.798	0.01	4.75
1.35	0.23	4.99	2.94	2.97	98.719	2.917	2.969	0.01	4.99
1.36	0.23	5.24	3.17	3.14	98.627	3.144	3.133	0.01	5.24
1.37	0.23	5.48	3.40	3.30	98.536	3.370	3.291	0.01	5.48
1.38	0.23	5.72	3.63	3.45	98.444	3.597	3.444	0.01	5.72
1.39	0.23	5.96	3.86	3.60	98.353	3.823	3.592	0.01	5.96
1.40	0.23	6.20	4.09	3.75	98.261	4.049	3.738	0.01	6.20
1.41	2.70	6.31	6.79	4.77	98.169	6.699	4.756	0.09	6.31
1.42	3.15	6.41	9.94	5.29	98.075	9.789	5.278	0.11	6.41
1.43	3.50	6.52	13.44	5.61	97.981	13.218	5.600	0.13	6.52
1.44	3.73	6.63	17.17	5.83	97.425	16.852	5.822	0.17	6.63
1.45	3.84	6.73	21.01	5.99	96.219	20.547	5.985	0.26	6.73
1.46	3.84	7.58	24.85	6.24	94.873	24.190	6.226	0.36	7.58
1.47	3.72	8.42	28.57	6.62	93.546	27.670	6.502	0.43	8.42
1.48	3.49	9.26	32.06	6.82	90.820	30.840	6.785	0.58	9.26
1.49	3.15	10.09	35.21	7.11	84.807	33.511	7.048	0.86	10.09
1.50	2.69	10.92	37.90	7.38	78.432	35.621	7.278	1.05	10.92
1.51	2.44	11.73	40.34	7.65	68.056	37.281	7.476	1.41	11.73
1.52	2.44	12.53	42.78	7.93	61.111	38.773	7.670	1.71	12.53
1.53	2.41	13.33	45.19	8.21	54.167	40.078	7.855	2.00	13.33
1.54	2.35	14.13	47.54	8.51	47.222	41.188	8.024	2.24	14.13
1.55	2.24	14.92	49.78	8.79	43.055	42.152	8.182	2.31	14.92
1.56	2.10	16.23	51.88	9.10	36.111	42.910	8.324	2.42	16.23
1.57	1.92	17.53	53.80	9.40	29.166	43.470	8.443	2.46	17.53
1.58	1.70	18.83	55.50	9.69	22.222	43.848	8.532	2.39	18.83
1.59	1.44	20.11	56.94	9.95	18.622	44.116	8.602	2.12	20.11
1.60	1.14	21.39	58.08	10.17	13.470	44.270	8.647	1.78	21.39
1.61	0.96	22.74	59.04	10.38	7.366	44.341	8.669	1.61	22.74
1.62	0.92	24.09	59.96	10.59	5.745	44.393	8.688	1.57	24.09
1.63	0.87	25.42	60.83	10.80	4.953	44.437	8.704	1.49	25.42
1.64	0.82	26.75	61.65	11.01	4.487	44.473	8.719	1.42	26.75
1.65	0.76	28.07	62.41	11.22	3.972	44.504	8.732	1.32	28.07
1.66	0.70	28.63	63.11	11.41	3.475	44.528	8.743	1.22	28.63
1.67	0.63	29.19	63.74	11.59	3.016	44.547	8.751	1.10	29.19
1.68	0.56	29.74	64.30	11.75	2.616	44.562	8.758	0.99	29.74
1.69	0.48	30.29	64.78	11.88	2.296	44.573	8.764	0.85	30.29
1.70	0.40	30.84	65.18	12.00	2.076	44.581	8.768	0.71	30.84

1.71	0.35	31.46	65.53	12.10	1.976	44.588	8.771	0.62	31.46
1.72	0.35	32.07	65.88	12.21	1.912	44.594	8.775	0.62	32.07
1.73	0.35	32.68	66.23	12.32	1.824	44.601	8.778	0.62	32.68
1.74	0.35	33.28	66.58	12.43	1.735	44.607	8.782	0.62	33.28
1.75	0.35	33.89	66.93	12.54	1.647	44.613	8.785	0.62	33.89
1.76	0.35	34.74	67.28	12.66	1.559	44.618	8.788	0.62	34.74
1.77	0.35	35.58	67.63	12.78	1.472	44.623	8.791	0.62	35.58
1.78	0.35	36.43	67.98	12.90	1.387	44.628	8.794	0.62	36.43
1.79	0.34	37.26	68.32	13.02	1.303	44.633	8.797	0.61	37.26
1.80	0.34	38.10	68.66	13.14	1.221	44.637	8.800	0.61	38.10
1.81	0.34	38.77	69.00	13.27	1.142	44.641	8.802	0.61	38.77
1.82	0.34	39.44	69.34	13.40	1.066	44.644	8.805	0.61	39.44
1.83	0.34	40.10	69.68	13.53	0.993	44.648	8.807	0.61	40.10
1.84	0.34	40.76	70.02	13.66	0.928	44.651	8.809	0.61	40.76
1.85	0.34	41.42	70.36	13.79	0.855	44.654	8.812	0.61	41.42
1.86	0.34	41.97	70.70	13.93	0.782	44.656	8.814	0.61	41.97
1.87	0.34	42.52	71.04	14.07	0.709	44.659	8.816	0.61	42.52
1.88	0.33	43.06	71.37	14.20	0.635	44.661	8.817	0.59	43.06
1.89	0.33	43.60	71.70	14.34	0.563	44.663	8.818	0.59	43.60
1.90	0.32	44.14	72.02	14.47	0.491	44.664	8.820	0.58	44.14
1.91	0.29	44.55	72.31	14.59	0.419	44.665	8.821	0.52	44.55
1.92	0.25	44.96	72.56	14.69	0.350	44.666	8.821	0.45	44.96
1.93	0.21	45.37	72.77	14.78	0.281	44.667	8.822	0.38	45.37
1.94	0.19	45.77	72.96	14.86	0.215	44.667	8.822	0.34	45.77
1.95	0.17	46.18	73.13	14.94	0.150	44.668	8.822	0.31	46.18
1.96	0.16	46.98	73.29	15.01	0.088	44.668	8.823	0.29	46.98
1.97	0.16	47.78	73.45	15.08	0.029	44.668	8.823	0.29	47.78
1.98	0.17	48.58	73.62	15.15	0.0	44.668	8.823	0.31	48.58
1.99	0.18	49.37	73.80	15.24	0.0	44.668	8.823	0.33	49.37
2.00	0.21	50.15	74.01	15.34	0.0	44.668	8.823	0.38	50.15
2.01	0.24	50.76	74.25	15.45	0.0	44.668	8.823	0.43	50.76
2.02	0.27	51.36	74.52	15.58	0.0	44.668	8.823	0.49	51.36
2.03	0.29	51.95	74.81	15.72	0.0	44.668	8.823	0.52	51.95
2.04	0.30	52.54	75.11	15.87	0.0	44.668	8.823	0.54	52.54
2.05	0.30	53.14	75.41	16.02	0.0	44.668	8.823	0.54	53.14
2.06	0.30	53.90	75.71	16.17	0.0	44.668	8.823	0.54	53.90
2.07	0.29	54.66	76.00	16.31	0.0	44.668	8.823	0.52	54.66
2.08	0.27	55.41	76.27	16.45	0.0	44.668	8.823	0.49	55.41
2.09	0.25	56.16	76.52	16.58	0.0	44.668	8.823	0.45	56.16
2.10	0.21	56.91	76.73	16.69	0.0	44.668	8.823	0.38	56.91
2.11	0.03	57.66	76.76	16.71	0.0	44.668	8.823	0.05	57.66
2.12	0.03	58.41	76.79	16.73	0.0	44.668	8.823	0.05	58.41
2.13	0.03	59.15	76.82	16.74	0.0	44.668	8.823	0.05	59.15
2.14	0.03	59.90	76.85	16.76	0.0	44.668	8.823	0.05	59.90
2.15	0.03	60.63	76.88	16.78	0.0	44.668	8.823	0.05	60.63
2.16	0.06	60.63	76.94	16.81	0.0	44.668	8.823	0.11	60.63
2.17	0.06	60.63	77.00	16.84	0.0	44.668	8.823	0.11	60.63
2.18	0.06	60.64	77.06	16.88	0.0	44.668	8.823	0.11	60.64
2.19	0.06	60.64	77.12	16.91	0.0	44.668	8.823	0.11	60.64
2.20	0.06	60.64	77.18	16.95	0.0	44.668	8.823	0.11	60.64
2.21	0.21	60.64	77.39	17.07	0.0	44.668	8.823	0.38	60.64
2.22	0.26	60.64	77.65	17.21	0.0	44.668	8.823	0.47	60.64
2.23	0.30	60.64	77.95	17.38	0.0	44.668	8.823	0.54	60.64
2.24	0.34	60.64	78.29	17.57	0.0	44.668	8.823	0.61	60.64
2.25	0.39	60.64	78.68	17.78	0.0	44.668	8.823	0.70	60.64
2.26	0.07	61.38	78.75	17.82	0.0	44.668	8.823	0.13	61.38
2.27	0.08	62.11	78.83	17.86	0.0	44.668	8.823	0.14	62.11
2.28	0.09	62.84	78.92	17.91	0.0	44.668	8.823	0.16	62.84
2.29	0.09	63.56	79.01	17.97	0.0	44.668	8.823	0.16	63.56
2.30	0.10	64.28	79.11	18.02	0.0	44.668	8.823	0.18	64.28

2.31	0.74	65.03	79.85	18.46	0.0	44.668	8.823	1.34	65.03
2.32	0.74	65.77	80.59	18.90	0.0	44.668	8.823	1.34	65.77
2.33	0.73	66.51	81.32	19.32	0.0	44.668	8.823	1.32	66.51
2.34	0.73	67.25	82.05	19.75	0.0	44.668	8.823	1.32	67.25
2.35	0.73	67.98	82.78	20.17	0.0	44.668	8.823	1.32	67.98
2.36	0.72	68.71	83.50	20.59	0.0	44.668	8.823	1.30	68.71
2.37	0.72	69.44	84.22	21.01	0.0	44.668	8.823	1.30	69.44
2.38	0.72	70.16	84.94	21.43	0.0	44.668	8.823	1.30	70.16
2.39	0.71	70.88	85.65	21.84	0.0	44.668	8.823	1.28	70.88
2.40	0.71	71.60	86.36	22.25	0.0	44.668	8.823	1.28	71.60
2.41	0.71	72.32	87.07	22.65	0.0	44.668	8.823	1.28	72.32
2.42	0.71	73.03	87.78	23.06	0.0	44.668	8.823	1.28	73.03
2.43	0.70	73.74	88.48	23.46	0.0	44.668	8.823	1.27	73.74
2.44	0.70	74.44	89.18	23.86	0.0	44.668	8.823	1.27	74.44
2.45	0.70	75.15	89.88	24.26	0.0	44.668	8.823	1.27	75.15
2.46	0.69	76.58	90.57	24.66	0.0	44.668	8.823	1.25	76.58
2.47	0.69	78.00	91.26	25.06	0.0	44.668	8.823	1.25	78.00
2.48	0.69	79.42	91.95	25.47	0.0	44.668	8.823	1.25	79.42
2.49	0.69	80.83	92.64	25.88	0.0	44.668	8.823	1.25	80.83
2.50	0.68	82.24	93.32	26.29	0.0	44.668	8.823	1.23	82.24
2.51	0.68	83.64	94.00	26.71	0.0	44.668	8.823	1.23	83.64
2.52	0.68	85.03	94.68	27.13	0.0	44.668	8.823	1.23	85.03
2.53	0.68	86.42	95.36	27.55	0.0	44.668	8.823	1.23	86.42
2.54	0.67	87.81	96.03	27.97	0.0	44.668	8.823	1.21	87.81
2.55	0.67	89.19	96.70	28.40	0.0	44.668	8.823	1.21	89.19
2.56	0.67	90.56	97.37	28.82	0.0	44.668	8.823	1.21	90.56
2.57	0.66	91.93	98.03	29.25	0.0	44.668	8.823	1.19	91.93
2.58	0.66	93.29	98.69	29.68	0.0	44.668	8.823	1.19	93.29
2.59	0.66	94.65	99.35	30.11	0.0	44.668	8.823	1.19	94.65
2.60	0.66	96.00	100.01	30.54	0.014	44.668	8.823	1.19	96.00

		CLEAN COAL ASH %	8.82	REFUSE ASH %	48.08
HEAD ASH %	30.54	CLEAN COAL YIELD%	44.67	REFUSE YIELD%	55.33
THEO. YIELD	49.98	ECART PROB. MOYEN	0.0361		
SG OF SEPARATION	1.551	IMPERFECTION	0.023		
NEAR GRAVITY MAT	41.106				
ORGANIC EFFCY.	89.38				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 12 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 59.97 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.808	0.0	0.010	0.0	0.01
1.24	0.29	0.36	0.29	0.36	99.712	0.289	0.360	0.00	0.36
1.25	0.28	0.71	0.57	0.53	99.617	0.568	0.532	0.00	0.71
1.26	0.28	1.06	0.85	0.71	99.522	0.847	0.706	0.00	1.06
1.27	0.28	1.41	1.13	0.88	99.427	1.125	0.880	0.00	1.41
1.28	0.28	1.75	1.41	1.05	99.332	1.403	1.052	0.00	1.75
1.29	0.28	2.09	1.69	1.22	99.237	1.681	1.224	0.00	2.09
1.30	0.27	2.43	1.96	1.39	99.143	1.949	1.390	0.00	2.43
1.31	0.27	2.76	2.23	1.56	99.048	2.216	1.555	0.00	2.76
1.32	0.27	3.14	2.50	1.73	98.952	2.483	1.725	0.00	3.14
1.33	0.27	3.56	2.77	1.91	98.905	2.750	1.904	0.00	3.56
1.34	0.27	3.99	3.04	2.09	98.812	3.017	2.088	0.00	3.99
1.35	0.26	4.40	3.30	2.27	98.719	3.274	2.269	0.01	4.40
1.36	0.26	4.82	3.56	2.46	98.627	3.530	2.455	0.01	4.82
1.37	0.26	5.23	3.82	2.65	98.536	3.787	2.642	0.01	5.23
1.38	0.26	5.64	4.08	2.84	98.444	4.043	2.832	0.01	5.64
1.39	0.26	6.04	4.34	3.03	98.353	4.298	3.023	0.01	6.04
1.40	0.25	6.45	4.59	3.22	98.261	4.544	3.208	0.01	6.45
1.41	2.10	6.80	6.69	4.34	98.169	6.605	4.329	0.06	6.80
1.42	2.40	7.15	9.09	5.08	98.075	8.959	5.070	0.07	7.15
1.43	2.63	7.50	11.72	5.63	97.981	11.536	5.613	0.08	7.50
1.44	2.77	7.85	14.49	6.05	97.425	14.235	6.037	0.11	7.85
1.45	2.83	8.20	17.32	6.40	96.219	16.958	6.384	0.17	8.20
1.46	2.82	9.07	20.14	6.78	94.873	19.693	6.750	0.22	9.07
1.47	2.72	9.94	22.86	7.15	93.546	22.178	7.116	0.27	9.94
1.48	2.55	10.81	25.41	7.52	90.820	24.494	7.466	0.36	10.81
1.49	2.29	11.66	27.70	7.86	84.807	26.436	7.774	0.54	11.66
1.50	1.96	12.52	29.66	8.17	78.432	27.973	8.035	0.66	12.52
1.51	1.76	13.15	31.42	8.45	68.056	29.171	8.245	0.87	13.15
1.52	1.75	13.77	33.17	8.73	61.111	30.240	8.440	1.06	13.77
1.53	1.74	14.39	34.91	9.01	54.167	31.183	8.620	1.24	14.39
1.54	1.74	15.01	36.65	9.30	47.222	32.004	8.784	1.42	15.01
1.55	1.73	15.62	38.38	9.58	43.055	32.749	8.939	1.53	15.62
1.56	1.72	16.42	40.10	9.87	36.111	33.370	9.079	1.71	16.42
1.57	1.71	17.22	41.81	10.17	29.166	33.869	9.199	1.88	17.22
1.58	1.70	18.01	43.51	10.48	22.222	34.247	9.296	2.05	18.01
1.59	1.69	18.79	45.20	10.79	18.622	34.562	9.382	2.13	18.79
1.60	1.68	19.57	46.88	11.11	13.470	34.788	9.448	2.26	19.57
1.61	1.70	19.96	48.58	11.42	7.366	34.913	9.486	2.44	19.96
1.62	1.75	20.35	50.33	11.73	5.745	35.014	9.517	2.66	20.35
1.63	1.78	20.74	52.11	12.03	4.953	35.102	9.546	2.63	20.74
1.64	1.77	21.12	53.88	12.33	4.487	35.181	9.572	2.62	21.12
1.65	1.74	21.50	55.62	12.62	3.972	35.250	9.595	2.59	21.50
1.66	1.68	23.02	57.30	12.92	3.475	35.309	9.617	2.52	23.02
1.67	1.59	24.54	58.89	13.24	3.016	35.357	9.637	2.39	24.54
1.68	1.47	26.04	60.36	13.55	2.616	35.395	9.655	2.22	26.04
1.69	1.33	27.54	61.69	13.85	2.296	35.426	9.671	2.02	27.54
1.70	1.16	29.03	62.85	14.13	2.076	35.450	9.684	1.76	29.03

1.71	0.89	30.77	63.74	14.36	1.976	35.467	9.694	1.35	30.77
1.72	0.71	32.49	64.45	14.56	1.912	35.481	9.703	1.08	32.49
1.73	0.56	34.21	65.01	14.73	1.824	35.491	9.710	0.85	34.21
1.74	0.44	35.92	65.45	14.88	1.735	35.499	9.716	0.67	35.92
1.75	0.34	37.62	65.79	14.99	1.647	35.504	9.720	0.52	37.62
1.76	0.35	37.62	66.14	15.11	1.569	35.510	9.724	0.53	37.62
1.77	0.29	37.62	66.43	15.21	1.472	35.514	9.728	0.44	37.62
1.78	0.27	37.62	66.70	15.30	1.387	35.518	9.731	0.41	37.62
1.79	0.28	37.62	66.98	15.39	1.303	35.521	9.734	0.43	37.62
1.80	0.33	37.62	67.31	15.50	1.221	35.525	9.737	0.51	37.62
1.81	0.31	38.01	67.62	15.61	1.142	35.529	9.740	0.48	38.01
1.82	0.31	38.40	67.93	15.71	1.066	35.532	9.742	0.48	38.40
1.83	0.31	38.79	68.24	15.82	0.993	35.535	9.745	0.48	38.79
1.84	0.31	39.18	68.55	15.92	0.928	35.538	9.747	0.48	39.18
1.85	0.31	39.57	68.86	16.03	0.855	35.541	9.749	0.48	39.57
1.86	0.31	39.99	69.17	16.14	0.782	35.543	9.751	0.48	39.99
1.87	0.30	40.40	69.47	16.24	0.709	35.545	9.753	0.46	40.40
1.88	0.30	40.82	69.77	16.35	0.635	35.547	9.755	0.46	40.82
1.89	0.29	41.23	70.06	16.45	0.563	35.549	9.756	0.45	41.23
1.90	0.28	41.64	70.34	16.55	0.491	35.550	9.758	0.43	41.64
1.91	0.28	41.95	70.62	16.65	0.419	35.552	9.759	0.43	41.95
1.92	0.28	42.26	70.90	16.75	0.350	35.553	9.760	0.43	42.26
1.93	0.28	42.57	71.18	16.85	0.281	35.553	9.760	0.43	42.57
1.94	0.28	42.88	71.46	16.95	0.215	35.554	9.761	0.43	42.88
1.95	0.28	43.18	71.74	17.06	0.150	35.554	9.761	0.43	43.18
1.96	0.28	43.60	72.02	17.16	0.088	35.555	9.761	0.43	43.60
1.97	0.28	44.01	72.30	17.26	0.029	35.555	9.762	0.43	44.01
1.98	0.28	44.43	72.58	17.37	0.0	35.555	9.762	0.43	44.43
1.99	0.28	44.84	72.86	17.47	0.0	35.555	9.762	0.43	44.84
2.00	0.28	45.24	73.14	17.58	0.0	35.555	9.762	0.43	45.24
2.01	0.28	45.61	73.42	17.69	0.0	35.555	9.762	0.43	45.61
2.02	0.28	45.96	73.70	17.80	0.0	35.555	9.762	0.43	45.96
2.03	0.28	46.32	73.98	17.90	0.0	35.555	9.762	0.43	46.32
2.04	0.28	46.68	74.26	18.01	0.0	35.555	9.762	0.43	46.68
2.05	0.28	47.03	74.54	18.12	0.0	35.555	9.762	0.43	47.03
2.06	0.28	47.19	74.82	18.23	0.0	35.555	9.762	0.43	47.19
2.07	0.28	47.34	75.10	18.34	0.0	35.555	9.762	0.43	47.34
2.08	0.28	47.49	75.38	18.45	0.0	35.555	9.762	0.43	47.49
2.09	0.28	47.64	75.66	18.55	0.0	35.555	9.762	0.43	47.64
2.10	0.28	47.79	75.94	18.66	0.0	35.555	9.762	0.43	47.79
2.11	0.05	47.79	75.99	18.68	0.0	35.555	9.762	0.08	47.79
2.12	0.05	47.79	76.04	18.70	0.0	35.555	9.762	0.08	47.79
2.13	0.05	47.79	76.09	18.72	0.0	35.555	9.762	0.08	47.79
2.14	0.05	47.79	76.14	18.74	0.0	35.555	9.762	0.08	47.79
2.15	0.05	47.79	76.19	18.76	0.0	35.555	9.762	0.08	47.79
2.16	0.05	48.30	76.24	18.78	0.0	35.555	9.762	0.08	48.30
2.17	0.05	48.81	76.29	18.80	0.0	35.555	9.762	0.08	48.81
2.18	0.05	49.31	76.34	18.82	0.0	35.555	9.762	0.08	49.31
2.19	0.05	49.81	76.39	18.84	0.0	35.555	9.762	0.08	49.81
2.20	0.05	50.31	76.44	18.86	0.0	35.555	9.762	0.08	50.31
2.21	0.13	50.45	76.57	18.91	0.0	35.555	9.762	0.20	50.45
2.22	0.16	50.60	76.73	18.98	0.0	35.555	9.762	0.25	50.60
2.23	0.18	50.74	76.91	19.05	0.0	35.555	9.762	0.28	50.74
2.24	0.21	50.89	77.12	19.14	0.0	35.555	9.762	0.33	50.89
2.25	0.23	51.03	77.35	19.23	0.0	35.555	9.762	0.36	51.03
2.26	0.26	51.86	77.61	19.34	0.0	35.555	9.762	0.40	51.86
2.27	0.29	52.69	77.90	19.47	0.0	35.555	9.762	0.45	52.69
2.28	0.32	53.52	78.22	19.61	0.0	35.555	9.762	0.50	53.52
2.29	0.35	54.34	78.57	19.76	0.0	35.555	9.762	0.54	54.34
2.30	0.38	55.16	78.95	19.93	0.0	35.555	9.762	0.59	55.16

2.31	0.75	55.23	79.70	20.26	0.0	35.555	9.762	1.16	55.23
2.32	0.74	55.31	80.44	20.59	0.0	35.555	9.762	1.15	55.31
2.33	0.74	55.38	81.18	20.90	0.0	35.555	9.762	1.15	55.38
2.34	0.74	55.45	81.92	21.21	0.0	35.555	9.762	1.15	55.45
2.35	0.73	55.52	82.66	21.52	0.0	35.555	9.762	1.13	55.52
2.36	0.73	55.60	83.38	21.82	0.0	35.555	9.762	1.13	55.60
2.37	0.73	55.67	84.11	22.11	0.0	35.555	9.762	1.13	55.67
2.38	0.73	55.74	84.84	22.40	0.0	35.555	9.762	1.13	55.74
2.39	0.72	55.81	85.56	22.68	0.0	35.555	9.762	1.12	55.81
2.40	0.72	55.88	86.28	22.96	0.0	35.555	9.762	1.12	55.88
2.41	0.72	55.95	87.00	23.23	0.0	35.555	9.762	1.12	55.95
2.42	0.71	56.02	87.71	23.50	0.0	35.555	9.762	1.10	56.02
2.43	0.71	56.09	88.42	23.76	0.0	35.555	9.762	1.10	56.09
2.44	0.71	56.16	89.13	24.02	0.0	35.555	9.762	1.10	56.16
2.45	0.70	56.23	89.83	24.27	0.0	35.555	9.762	1.09	56.23
2.46	0.70	58.96	90.53	24.54	0.0	35.555	9.762	1.09	58.96
2.47	0.70	61.67	91.23	24.82	0.0	35.555	9.762	1.09	61.67
2.48	0.70	64.38	91.93	25.12	0.0	35.555	9.762	1.09	64.38
2.49	0.69	67.07	92.62	25.43	0.0	35.555	9.762	1.07	67.07
2.50	0.69	69.75	93.31	25.76	0.0	35.555	9.762	1.07	69.75
2.51	0.69	72.42	94.00	26.10	0.0	35.555	9.762	1.07	72.42
2.52	0.69	75.09	94.69	26.46	0.0	35.555	9.762	1.07	75.09
2.53	0.68	77.74	95.37	26.83	0.0	35.555	9.762	1.06	77.74
2.54	0.68	80.38	96.05	27.21	0.0	35.555	9.762	1.06	80.38
2.55	0.68	83.01	96.73	27.60	0.0	35.555	9.762	1.06	83.01
2.56	0.67	85.62	97.40	28.00	0.0	35.555	9.762	1.04	85.62
2.57	0.67	88.23	98.07	28.41	0.0	35.555	9.762	1.04	88.23
2.58	0.67	90.83	98.74	28.83	0.0	35.555	9.762	1.04	90.83
2.59	0.67	93.42	99.41	29.27	0.0	35.555	9.762	1.04	93.42
2.60	0.66	96.00	100.07	29.71	0.014	35.555	9.762	1.02	96.00

		CLEAN COAL ASH %	9.76	REFUSE ASH %	40.71
HEAD ASH %	29.71	CLEAN COAL YIELD%	35.55	REFUSE YIELD%	64.45
THEO. YIELD	39.44	ECART PROB. MOYEN	0.0361		
SG OF SEPARATION	1.556	IMPERFECTION	0.023		
NEAR GRAVITY MAT	37.598				
ORGANIC EFFCY.	90.15				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 17 WID: WA1 EQUIPE HMC SG-ASH O:O EP O.O SG O.O
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.70 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CUM. ASH%	ELEMENTAL SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.808	0.0	0.010	0.0	0.01
1.24	0.44	0.42	0.44	0.42	99.712	0.439	0.420	0.00	0.42
1.25	0.43	0.83	0.87	0.62	99.617	0.867	0.623	0.00	0.83
1.26	0.43	1.23	1.30	0.82	99.522	1.295	0.823	0.00	1.23
1.27	0.43	1.63	1.73	1.02	99.427	1.723	1.024	0.00	1.63
1.28	0.42	2.03	2.15	1.22	99.332	2.140	1.220	0.00	2.03
1.29	0.42	2.43	2.57	1.42	99.237	2.557	1.417	0.01	2.43
1.30	0.42	2.82	2.99	1.62	99.143	2.973	1.614	0.01	2.82
1.31	0.41	3.21	3.40	1.81	99.048	3.379	1.805	0.01	3.21
1.32	0.41	3.65	3.81	2.01	98.952	3.785	2.003	0.01	3.65
1.33	0.41	4.15	4.22	2.21	98.905	4.190	2.211	0.01	4.15
1.34	0.40	4.64	4.62	2.42	98.812	4.586	2.420	0.01	4.64
1.35	0.40	5.13	5.02	2.64	98.719	4.980	2.635	0.01	5.13
1.36	0.40	5.62	5.42	2.86	98.627	5.375	2.854	0.01	5.62
1.37	0.40	6.10	5.82	3.08	98.536	5.769	3.076	0.01	6.10
1.38	0.39	6.58	6.21	3.30	98.444	6.153	3.295	0.01	6.58
1.39	0.39	7.06	6.60	3.52	98.353	6.537	3.516	0.01	7.06
1.40	0.39	7.53	6.99	3.75	98.261	6.920	3.738	0.01	7.53
1.41	2.39	7.69	9.38	4.75	98.169	9.266	4.739	0.07	7.69
1.42	2.58	7.85	11.96	5.42	98.075	11.796	5.406	0.08	7.85
1.43	2.73	8.01	14.69	5.90	97.981	14.471	5.887	0.09	8.01
1.44	2.83	8.17	17.52	6.27	97.425	17.228	6.253	0.12	8.17
1.45	2.88	8.33	20.40	6.56	96.219	19.999	6.540	0.19	8.33
1.46	2.88	8.58	23.28	6.93	94.873	22.732	6.906	0.25	9.58
1.47	2.84	10.81	26.12	7.35	93.546	25.389	7.314	0.31	10.81
1.48	2.75	12.04	28.87	7.80	90.820	27.886	7.738	0.43	12.04
1.49	2.61	13.26	31.48	8.25	84.807	30.100	8.144	0.68	13.26
1.50	2.42	14.47	33.90	8.70	78.432	31.998	8.519	0.89	14.47
1.51	2.32	15.55	36.22	9.14	68.056	33.576	8.850	1.27	15.55
1.52	2.32	16.62	38.54	9.59	61.111	34.994	9.164	1.54	16.62
1.53	2.31	17.69	40.85	10.04	54.167	36.246	9.459	1.81	17.69
1.54	2.29	18.74	43.14	10.51	47.222	37.327	9.728	2.07	18.74
1.55	2.26	19.79	45.40	10.97	43.055	38.300	9.983	2.20	19.79
1.56	2.21	20.53	47.61	11.41	36.111	39.098	10.199	2.42	20.53
1.57	2.16	21.27	49.77	11.84	29.166	39.728	10.374	2.62	21.27
1.58	2.09	22.00	51.86	12.25	22.222	40.192	10.508	2.78	22.00
1.59	2.01	22.73	53.87	12.64	18.622	40.567	10.621	2.80	22.73
1.60	1.92	23.45	55.79	13.01	13.470	40.825	10.702	2.84	23.45
1.61	1.82	24.11	57.61	13.36	7.366	40.959	10.746	2.89	24.11
1.62	1.72	24.78	59.33	13.69	5.745	41.058	10.780	2.77	24.78
1.63	1.63	25.43	60.96	14.01	4.953	41.139	10.809	2.65	25.43
1.64	1.54	26.09	62.50	14.31	4.487	41.208	10.835	2.52	26.09
1.65	1.45	26.74	63.95	14.59	3.972	41.266	10.857	2.38	26.74
1.66	1.37	27.82	65.32	14.87	3.475	41.313	10.876	2.26	27.82
1.67	1.28	28.89	66.60	15.13	3.016	41.352	10.893	2.12	28.89
1.68	1.20	29.96	67.80	15.40	2.616	41.383	10.908	2.00	29.96
1.69	1.12	31.02	68.92	15.65	2.296	41.409	10.920	1.87	31.02
1.70	1.04	32.07	69.96	15.90	2.076	41.431	10.931	1.74	32.07

1.71	1.00	33.17	70.96	16.14	1.976	41.450	10.942	1.68	33.17
1.72	0.97	34.25	71.93	16.38	1.912	41.469	10.952	1.63	34.25
1.73	0.93	35.34	72.86	16.62	1.824	41.486	10.962	1.56	35.34
1.74	0.88	36.41	73.74	16.86	1.735	41.501	10.971	1.48	36.41
1.75	0.82	37.48	74.56	17.09	1.647	41.515	10.980	1.38	37.48
1.76	0.73	37.91	75.29	17.29	1.559	41.526	10.987	1.23	37.91
1.77	0.64	38.33	75.93	17.47	1.472	41.535	10.994	1.08	38.33
1.78	0.53	38.75	76.46	17.61	1.387	41.543	10.999	0.89	38.75
1.79	0.41	39.17	76.87	17.73	1.303	41.548	11.002	0.69	39.17
1.80	0.27	39.59	77.14	17.81	1.221	41.551	11.005	0.46	39.59
1.81	0.20	40.10	77.34	17.86	1.142	41.554	11.006	0.34	40.10
1.82	0.19	40.60	77.53	17.92	1.066	41.556	11.008	0.32	40.60
1.83	0.19	41.10	77.72	17.98	0.993	41.558	11.009	0.32	41.10
1.84	0.18	41.60	77.90	18.03	0.928	41.559	11.010	0.31	41.60
1.85	0.18	42.09	78.08	18.09	0.855	41.561	11.011	0.31	42.09
1.86	0.18	42.84	78.26	18.14	0.782	41.562	11.012	0.31	42.84
1.87	0.18	43.59	78.44	18.20	0.709	41.563	11.013	0.31	43.59
1.88	0.19	44.34	78.63	18.26	0.635	41.565	11.014	0.32	44.34
1.89	0.19	45.08	78.82	18.33	0.563	41.566	11.015	0.32	45.08
1.90	0.20	45.82	79.02	18.40	0.491	41.567	11.016	0.34	45.82
1.91	0.20	46.28	79.22	18.47	0.419	41.568	11.017	0.34	46.28
1.92	0.20	46.73	79.42	18.54	0.350	41.568	11.017	0.34	46.73
1.93	0.20	47.18	79.62	18.61	0.281	41.569	11.018	0.34	47.18
1.94	0.20	47.63	79.82	18.68	0.215	41.569	11.018	0.34	47.63
1.95	0.20	48.08	80.02	18.76	0.150	41.570	11.019	0.34	48.08
1.96	0.20	48.95	80.22	18.83	0.088	41.570	11.019	0.34	48.95
1.97	0.20	49.81	80.42	18.91	0.029	41.570	11.019	0.34	49.81
1.98	0.20	50.66	80.62	18.99	0.0	41.570	11.019	0.34	50.66
1.99	0.21	51.52	80.83	19.07	0.0	41.570	11.019	0.36	51.52
2.00	0.21	52.36	81.04	19.16	0.0	41.570	11.019	0.36	52.36
2.01	0.24	52.98	81.28	19.26	0.0	41.570	11.019	0.41	52.98
2.02	0.28	53.60	81.56	19.38	0.0	41.570	11.019	0.48	53.60
2.03	0.31	54.22	81.87	19.51	0.0	41.570	11.019	0.53	54.22
2.04	0.34	54.83	82.21	19.66	0.0	41.570	11.019	0.58	54.83
2.05	0.35	55.44	82.56	19.81	0.0	41.570	11.019	0.60	55.44
2.06	0.35	55.94	82.91	19.96	0.0	41.570	11.019	0.60	55.94
2.07	0.34	56.43	83.25	20.11	0.0	41.570	11.019	0.58	56.43
2.08	0.32	56.92	83.57	20.25	0.0	41.570	11.019	0.55	56.92
2.09	0.28	57.40	83.85	20.37	0.0	41.570	11.019	0.48	57.40
2.10	0.24	57.89	84.09	20.48	0.0	41.570	11.019	0.41	57.89
2.11	0.18	58.33	84.27	20.56	0.0	41.570	11.019	0.31	58.33
2.12	0.12	58.76	84.39	20.62	0.0	41.570	11.019	0.21	58.76
2.13	0.07	59.19	84.46	20.65	0.0	41.570	11.019	0.12	59.19
2.14	0.03	59.62	84.49	20.66	0.0	41.570	11.019	0.05	59.62
2.15	0.01	60.05	84.50	20.67	0.0	41.570	11.019	0.02	60.05
2.16	0.01	60.53	84.51	20.67	0.0	41.570	11.019	0.02	60.53
2.17	0.02	61.00	84.53	20.68	0.0	41.570	11.019	0.03	61.00
2.18	0.04	61.48	84.57	20.70	0.0	41.570	11.019	0.07	61.48
2.19	0.08	61.95	84.65	20.74	0.0	41.570	11.019	0.14	61.95
2.20	0.13	62.42	84.78	20.80	0.0	41.570	11.019	0.22	62.42
2.21	0.16	62.67	84.94	20.88	0.0	41.570	11.019	0.27	62.67
2.22	0.18	62.93	85.12	20.97	0.0	41.570	11.019	0.31	62.93
2.23	0.19	63.18	85.31	21.06	0.0	41.570	11.019	0.33	63.18
2.24	0.21	63.43	85.52	21.17	0.0	41.570	11.019	0.36	63.43
2.25	0.22	63.69	85.74	21.28	0.0	41.570	11.019	0.38	63.69
2.26	0.24	64.41	85.98	21.40	0.0	41.570	11.019	0.41	64.41
2.27	0.26	65.12	86.24	21.53	0.0	41.570	11.019	0.44	65.12
2.28	0.27	65.84	86.51	21.67	0.0	41.570	11.019	0.46	65.84
2.29	0.29	66.55	86.80	21.82	0.0	41.570	11.019	0.50	66.55
2.30	0.31	67.26	87.11	21.98	0.0	41.570	11.019	0.53	67.26

2.31	0.46	67.36	87.57	22.22	0.0	41.570	11.019	0.79	67.36
2.32	0.45	67.47	88.02	22.45	0.0	41.570	11.019	0.77	67.47
2.33	0.45	67.58	88.47	22.68	0.0	41.570	11.019	0.77	67.58
2.34	0.45	67.69	88.92	22.81	0.0	41.570	11.019	0.77	67.69
2.35	0.45	67.79	89.37	23.13	0.0	41.570	11.019	0.77	67.79
2.36	0.45	67.90	89.82	23.36	0.0	41.570	11.019	0.77	67.90
2.37	0.44	68.00	90.26	23.58	0.0	41.570	11.019	0.75	68.00
2.38	0.44	68.11	90.70	23.79	0.0	41.570	11.019	0.75	68.11
2.39	0.44	68.21	91.14	24.01	0.0	41.570	11.019	0.75	68.21
2.40	0.44	68.32	91.58	24.22	0.0	41.570	11.019	0.75	68.32
2.41	0.44	68.42	92.02	24.43	0.0	41.570	11.019	0.75	68.42
2.42	0.44	68.52	92.46	24.64	0.0	41.570	11.019	0.75	68.52
2.43	0.43	68.63	92.89	24.84	0.0	41.570	11.019	0.74	68.63
2.44	0.43	68.73	93.32	25.05	0.0	41.570	11.019	0.74	68.73
2.45	0.43	68.83	93.75	25.25	0.0	41.570	11.019	0.74	68.83
2.46	0.43	70.69	94.18	25.45	0.0	41.570	11.019	0.74	70.69
2.47	0.43	72.55	94.61	25.67	0.0	41.570	11.019	0.74	72.55
2.48	0.42	74.39	95.03	25.88	0.0	41.570	11.019	0.72	74.39
2.49	0.42	76.23	95.45	26.10	0.0	41.570	11.019	0.72	76.23
2.50	0.42	78.07	95.87	26.33	0.0	41.570	11.019	0.72	78.07
2.51	0.42	79.89	96.29	26.57	0.0	41.570	11.019	0.72	79.89
2.52	0.42	81.71	96.71	26.81	0.0	41.570	11.019	0.72	81.71
2.53	0.42	83.52	97.13	27.05	0.0	41.570	11.019	0.72	83.52
2.54	0.41	85.32	97.54	27.30	0.0	41.570	11.019	0.70	85.32
2.55	0.41	87.12	97.95	27.55	0.0	41.570	11.019	0.70	87.12
2.56	0.41	88.91	98.36	27.80	0.0	41.570	11.019	0.70	88.91
2.57	0.41	90.69	98.77	28.06	0.0	41.570	11.019	0.70	90.69
2.58	0.41	92.47	99.18	28.33	0.0	41.570	11.019	0.70	92.47
2.59	0.41	94.24	99.59	28.60	0.0	41.570	11.019	0.70	94.24
2.60	0.40	96.00	99.99	28.87	0.014	41.570	11.019	0.68	96.00

		CLEAN COAL ASH %	11.02	REFUSE ASH %	41.57	
HEAD ASH %	28.87	CLEAN COAL YIELD%	41.57	REFUSE YIELD%	58.43	
THEO. YIELD	45.65	ECART PROB. MOYEN	0.0361			
SG OF SEPARATION	1.951	IMPERFECTION	0.023			
NEAR GRAVITY MAT	43.378					
ORGANIC EFFCY.	91.06					

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 18 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

---------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 75.60 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.808	0.0	0.010	0.0	0.01
1.24	0.40	0.31	0.40	0.31	99.712	0.399	0.310	0.00	0.31
1.25	0.40	0.61	0.80	0.46	99.617	0.797	0.460	0.00	0.61
1.26	0.39	0.91	1.19	0.61	99.522	1.185	0.607	0.00	0.91
1.27	0.39	1.21	1.58	0.76	99.427	1.573	0.756	0.00	1.21
1.28	0.39	1.50	1.97	0.90	99.332	1.961	0.903	0.00	1.50
1.29	0.39	1.79	2.36	1.05	99.237	2.348	1.049	0.00	1.79
1.30	0.38	2.08	2.74	1.19	99.143	2.724	1.192	0.00	2.08
1.31	0.38	2.37	3.12	1.34	99.048	3.101	1.335	0.01	2.37
1.32	0.38	2.82	3.50	1.50	98.952	3.477	1.495	0.01	2.82
1.33	0.37	3.44	3.87	1.68	98.905	3.843	1.681	0.01	3.44
1.34	0.37	4.05	4.24	1.89	98.812	4.208	1.886	0.01	4.05
1.35	0.37	4.65	4.61	2.11	98.719	4.574	2.107	0.01	4.65
1.36	0.37	5.25	4.98	2.34	98.627	4.939	2.339	0.01	5.25
1.37	0.36	5.85	5.34	2.58	98.536	5.293	2.575	0.01	5.85
1.38	0.36	6.45	5.70	2.83	98.444	5.648	2.818	0.01	6.45
1.39	0.36	7.03	6.06	3.07	98.353	6.002	3.066	0.01	7.03
1.40	0.35	7.62	6.41	3.32	98.261	6.346	3.313	0.01	7.62
1.41	1.24	7.92	7.65	4.07	98.169	7.563	4.055	0.03	7.92
1.42	1.32	8.21	8.97	4.68	98.075	8.858	4.662	0.04	8.21
1.43	1.41	8.51	10.38	5.20	97.981	10.239	5.181	0.04	8.51
1.44	1.49	8.80	11.87	5.65	97.425	11.691	5.631	0.06	8.80
1.45	1.58	9.09	13.45	6.05	96.219	13.211	6.029	0.09	9.09
1.46	1.67	10.17	15.12	6.81	94.873	14.795	6.472	0.12	10.17
1.47	1.75	11.25	16.87	7.00	93.546	16.432	6.948	0.16	11.25
1.48	1.84	12.31	18.71	7.52	90.820	18.103	7.443	0.25	12.31
1.49	1.93	13.37	20.64	8.07	84.807	19.740	7.934	0.43	13.37
1.50	2.02	14.43	22.66	8.64	78.432	21.325	8.417	0.63	14.43
1.51	2.13	15.12	24.79	9.19	68.056	22.774	8.844	0.99	15.12
1.52	2.23	15.82	27.02	9.74	61.111	24.137	9.238	1.26	15.82
1.53	2.31	16.51	29.33	10.27	54.167	25.388	9.596	1.54	16.51
1.54	2.36	17.19	31.69	10.79	47.222	26.503	9.915	1.81	17.19
1.55	2.38	17.87	34.07	11.28	43.055	27.527	10.211	1.97	17.87
1.56	2.38	18.57	36.45	11.76	36.111	28.387	10.465	2.21	18.57
1.57	2.36	19.27	38.81	12.22	29.166	29.075	10.673	2.43	19.27
1.58	2.30	19.96	41.11	12.65	22.222	29.586	10.833	2.60	19.96
1.59	2.23	20.64	43.34	13.06	18.622	30.001	10.969	2.64	20.64
1.60	2.12	21.32	45.46	13.45	13.470	30.287	11.067	2.66	21.32
1.61	2.07	21.98	47.53	13.82	7.366	30.440	11.121	2.78	21.98
1.62	2.07	22.63	49.60	14.19	5.745	30.558	11.166	2.83	22.63
1.63	2.03	23.27	51.63	14.54	4.953	30.659	11.206	2.80	23.27
1.64	1.97	23.91	53.60	14.89	4.487	30.747	11.242	2.73	23.91
1.65	1.87	24.55	55.47	15.21	3.972	30.822	11.274	2.61	24.55
1.66	1.75	25.49	57.22	15.53	3.475	30.882	11.302	2.45	25.49
1.67	1.59	26.43	58.81	15.82	3.016	30.930	11.326	2.24	26.43
1.68	1.41	27.36	60.22	16.09	2.616	30.967	11.345	1.99	27.36
1.69	1.19	28.29	61.41	16.33	2.296	30.995	11.360	1.69	28.29
1.70	0.95	29.21	62.36	16.52	2.076	31.014	11.371	1.35	29.21

1.71	0.78	30.16	63.14	16.69	1.976	31.030	11.381	1.11	30.16
1.72	0.72	31.10	63.86	16.86	1.912	31.044	11.389	1.03	31.10
1.73	0.66	32.03	64.52	17.01	1.824	31.056	11.397	0.94	32.03
1.74	0.61	32.96	65.13	17.16	1.735	31.066	11.405	0.87	32.96
1.75	0.56	33.88	65.69	17.30	1.647	31.075	11.411	0.80	33.88
1.76	0.52	34.75	66.21	17.44	1.559	31.083	11.417	0.74	34.75
1.77	0.49	35.60	66.70	17.57	1.472	31.091	11.423	0.70	35.60
1.78	0.46	36.45	67.16	17.70	1.387	31.097	11.428	0.66	36.45
1.79	0.44	37.30	67.60	17.83	1.303	31.103	11.433	0.63	37.30
1.80	0.42	38.14	68.02	17.95	1.221	31.108	11.437	0.60	38.14
1.81	0.42	39.05	68.44	18.08	1.142	31.113	11.442	0.60	39.05
1.82	0.42	39.96	68.86	18.22	1.066	31.117	11.446	0.60	39.96
1.83	0.42	40.86	69.28	18.36	0.993	31.121	11.450	0.60	40.86
1.84	0.42	41.76	69.70	18.50	0.928	31.125	11.454	0.60	41.76
1.85	0.41	42.65	70.11	18.64	0.855	31.129	11.457	0.59	42.65
1.86	0.40	43.19	70.51	18.78	0.782	31.132	11.460	0.58	43.19
1.87	0.39	43.73	70.90	18.91	0.709	31.135	11.463	0.56	43.73
1.88	0.37	44.27	71.27	19.05	0.635	31.137	11.466	0.53	44.27
1.89	0.35	44.81	71.62	19.17	0.563	31.139	11.468	0.51	44.81
1.90	0.33	45.34	71.95	19.29	0.491	31.141	11.469	0.48	45.34
1.91	0.30	45.50	72.25	19.40	0.419	31.142	11.471	0.43	45.50
1.92	0.27	45.65	72.52	19.50	0.350	31.143	11.472	0.39	45.65
1.93	0.24	45.81	72.76	19.58	0.281	31.144	11.473	0.35	45.81
1.94	0.23	45.96	72.99	19.67	0.215	31.144	11.473	0.33	45.96
1.95	0.22	46.12	73.21	19.75	0.150	31.144	11.473	0.32	46.12
1.96	0.22	47.23	73.43	19.83	0.088	31.145	11.474	0.32	47.23
1.97	0.22	48.33	73.65	19.91	0.029	31.145	11.474	0.32	48.33
1.98	0.24	49.43	73.89	20.01	0.0	31.145	11.474	0.35	49.43
1.99	0.26	50.52	74.15	20.12	0.0	31.145	11.474	0.38	50.52
2.00	0.29	51.61	74.44	20.24	0.0	31.145	11.474	0.42	51.61
2.01	0.12	52.44	74.56	20.29	0.0	31.145	11.474	0.17	52.44
2.02	0.14	53.27	74.70	20.35	0.0	31.145	11.474	0.20	53.27
2.03	0.16	54.09	74.86	20.43	0.0	31.145	11.474	0.23	54.09
2.04	0.17	54.91	75.03	20.50	0.0	31.145	11.474	0.25	54.91
2.05	0.17	55.72	75.20	20.58	0.0	31.145	11.474	0.25	55.72
2.06	0.79	55.72	75.99	20.95	0.0	31.145	11.474	1.15	55.72
2.07	0.76	55.72	76.75	21.29	0.0	31.145	11.474	1.10	55.72
2.08	0.70	55.72	77.45	21.60	0.0	31.145	11.474	1.02	55.72
2.09	0.62	55.72	78.07	21.88	0.0	31.145	11.474	0.90	55.72
2.10	0.51	55.72	78.58	22.10	0.0	31.145	11.474	0.74	55.72
2.11	0.35	55.72	78.93	22.24	0.0	31.145	11.474	0.51	55.72
2.12	0.25	55.72	79.18	22.35	0.0	31.145	11.474	0.36	55.72
2.13	0.17	55.72	79.35	22.42	0.0	31.145	11.474	0.25	55.72
2.14	0.12	55.73	79.47	22.47	0.0	31.145	11.474	0.17	55.73
2.15	0.08	55.73	79.55	22.51	0.0	31.145	11.474	0.12	55.73
2.16	0.01	56.31	79.56	22.51	0.0	31.145	11.474	0.01	56.31
2.17	0.02	56.89	79.58	22.52	0.0	31.145	11.474	0.03	56.89
2.18	0.02	57.47	79.60	22.53	0.0	31.145	11.474	0.03	57.47
2.19	0.04	58.04	79.64	22.54	0.0	31.145	11.474	0.06	58.04
2.20	0.05	58.62	79.69	22.57	0.0	31.145	11.474	0.07	58.62
2.21	0.21	58.91	79.90	22.66	0.0	31.145	11.474	0.30	58.91
2.22	0.22	59.20	80.12	22.76	0.0	31.145	11.474	0.32	59.20
2.23	0.23	59.50	80.35	22.87	0.0	31.145	11.474	0.33	59.50
2.24	0.25	59.79	80.60	22.98	0.0	31.145	11.474	0.36	59.79
2.25	0.27	60.08	80.87	23.11	0.0	31.145	11.474	0.39	60.08
2.26	0.29	61.43	81.16	23.24	0.0	31.145	11.474	0.42	61.43
2.27	0.31	62.78	81.47	23.39	0.0	31.145	11.474	0.45	62.78
2.28	0.33	64.12	81.80	23.56	0.0	31.145	11.474	0.48	64.12
2.29	0.36	65.45	82.16	23.74	0.0	31.145	11.474	0.52	65.45
2.30	0.38	66.78	82.54	23.94	0.0	31.145	11.474	0.55	66.78

2.31	0.62	67.68	83.16	24.27	0.0	31.145	11.474	0.90	67.68
2.32	0.62	68.57	83.78	24.59	0.0	31.145	11.474	0.90	68.57
2.33	0.61	69.45	84.39	24.92	0.0	31.145	11.474	0.89	69.45
2.34	0.61	70.34	85.00	25.24	0.0	31.145	11.474	0.89	70.34
2.35	0.61	71.22	85.61	25.57	0.0	31.145	11.474	0.89	71.22
2.36	0.60	72.09	86.21	25.90	0.0	31.145	11.474	0.87	72.09
2.37	0.60	72.97	86.81	26.22	0.0	31.145	11.474	0.87	72.97
2.38	0.60	73.84	87.41	26.55	0.0	31.145	11.474	0.87	73.84
2.39	0.60	74.70	88.01	26.88	0.0	31.145	11.474	0.87	74.70
2.40	0.59	75.56	88.60	27.20	0.0	31.145	11.474	0.86	75.56
2.41	0.59	76.42	89.19	27.53	0.0	31.145	11.474	0.86	76.42
2.42	0.59	77.27	89.78	27.85	0.0	31.145	11.474	0.86	77.27
2.43	0.59	78.12	90.37	28.18	0.0	31.145	11.474	0.86	78.12
2.44	0.58	78.97	90.95	28.50	0.0	31.145	11.474	0.84	78.97
2.45	0.58	79.82	91.53	28.83	0.0	31.145	11.474	0.84	79.82
2.46	0.58	80.93	92.11	29.16	0.0	31.145	11.474	0.84	80.93
2.47	0.58	82.03	92.69	29.49	0.0	31.145	11.474	0.84	82.03
2.48	0.58	83.13	93.27	29.82	0.0	31.145	11.474	0.84	83.13
2.49	0.57	84.23	93.84	30.15	0.0	31.145	11.474	0.83	84.23
2.50	0.57	85.32	94.41	30.49	0.0	31.145	11.474	0.83	85.32
2.51	0.57	86.41	94.98	30.82	0.0	31.145	11.474	0.83	86.41
2.52	0.57	87.49	95.55	31.16	0.0	31.145	11.474	0.83	87.49
2.53	0.56	88.57	96.11	31.49	0.0	31.145	11.474	0.81	88.57
2.54	0.56	89.64	96.67	31.83	0.0	31.145	11.474	0.81	89.64
2.55	0.56	90.71	97.23	32.17	0.0	31.145	11.474	0.81	90.71
2.56	0.56	91.78	97.79	32.51	0.0	31.145	11.474	0.81	91.78
2.57	0.56	92.84	98.35	32.86	0.0	31.145	11.474	0.81	92.84
2.58	0.55	93.90	98.90	33.19	0.0	31.145	11.474	0.80	93.90
2.59	0.55	94.95	99.45	33.54	0.0	31.145	11.474	0.80	94.95
2.60	0.55	96.00	100.00	33.88	0.014	31.145	11.474	0.80	96.00

		CLEAN COAL ASH %	11.47	REFUSE ASH %	44.01	
HEAD ASH %	33.88	CLEAN COAL YIELD%	31.14	REFUSE YIELD%	68.86	
THEO. YIELD	35.02	ECART PROB. MOYEN	0.0361			
SG OF SEPARATION	1.554	IMPERFECTION	0.029			
NEAR GRAVITY MAT	42.052					
ORGANIC EFFCY.	88.93					

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 21 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

---------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 88.04 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL SINK WT%	CUM. ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.808	0.0	0.010	0.0	0.01
1.24	0.63	0.39	0.63	0.39	99.712	0.628	0.390	0.00	0.39
1.25	0.64	0.76	1.27	0.58	99.617	1.266	0.576	0.00	0.76
1.26	0.65	1.13	1.92	0.76	99.522	1.913	0.764	0.00	1.13
1.27	0.66	1.50	2.58	0.95	99.427	2.569	0.952	0.01	1.50
1.28	0.68	1.86	3.26	1.14	99.332	3.244	1.141	0.01	1.86
1.29	0.69	2.22	3.95	1.33	99.237	3.929	1.329	0.01	2.22
1.30	0.70	2.58	4.65	1.52	99.143	4.623	1.517	0.01	2.58
1.31	0.71	2.93	5.36	1.71	99.048	5.326	1.703	0.01	2.93
1.32	0.73	3.41	6.09	1.91	98.952	6.049	1.907	0.01	3.41
1.33	0.74	4.01	6.83	2.14	98.905	6.781	2.134	0.01	4.01
1.34	0.75	4.61	7.58	2.38	98.812	7.522	2.378	0.01	4.61
1.35	0.77	5.20	8.35	2.64	98.719	8.282	2.637	0.01	5.20
1.36	0.78	5.78	9.13	2.91	98.627	9.051	2.904	0.01	5.78
1.37	0.80	6.36	9.93	3.19	98.536	9.839	3.181	0.02	6.36
1.38	0.81	6.94	10.74	3.47	98.444	10.637	3.463	0.02	6.94
1.39	0.83	7.52	11.57	3.76	98.353	11.453	3.752	0.02	7.52
1.40	0.84	8.09	12.41	4.05	98.261	12.278	4.044	0.02	8.09
1.41	0.87	8.29	13.28	4.33	98.169	13.133	4.320	0.02	8.29
1.42	0.89	8.49	14.17	4.59	98.075	14.005	4.580	0.02	8.49
1.43	0.91	8.69	15.08	4.84	97.981	14.897	4.826	0.02	8.69
1.44	0.93	8.89	16.01	5.08	97.425	15.803	5.059	0.03	8.89
1.45	0.94	9.09	16.95	5.30	96.219	16.708	5.277	0.06	9.09
1.46	0.96	10.13	17.91	5.56	94.873	17.618	5.528	0.07	10.13
1.47	0.97	11.16	18.88	5.84	93.546	18.526	5.804	0.08	11.16
1.48	0.98	12.18	19.86	6.16	90.820	19.416	6.096	0.12	12.18
1.49	0.98	13.20	20.84	6.49	84.807	20.247	6.388	0.20	13.20
1.50	0.98	14.21	21.82	6.84	78.432	21.015	6.674	0.28	14.21
1.51	1.02	14.96	22.84	7.20	68.056	21.710	6.939	0.44	14.96
1.52	1.09	15.70	23.93	7.59	61.111	22.376	7.199	0.57	15.70
1.53	1.13	16.44	25.06	7.98	54.167	22.988	7.446	0.70	16.44
1.54	1.16	17.17	26.22	8.39	47.222	23.536	7.672	0.82	17.17
1.55	1.17	17.90	27.39	8.80	43.055	24.039	7.886	0.90	17.90
1.56	1.16	19.33	28.55	9.23	36.111	24.458	8.082	1.00	19.33
1.57	1.13	20.76	29.68	9.66	29.166	24.788	8.251	1.08	20.76
1.58	1.09	22.17	30.77	10.11	22.222	25.030	8.385	1.14	22.17
1.59	1.02	23.57	31.79	10.54	18.622	25.220	8.500	1.12	23.57
1.60	0.94	24.97	32.73	10.95	13.470	25.347	8.582	1.09	24.97
1.61	0.86	26.25	33.59	11.35	7.366	25.410	8.626	1.07	26.25
1.62	0.78	27.51	34.37	11.71	5.745	25.455	8.659	0.99	27.51
1.63	0.71	28.78	35.08	12.06	4.953	25.490	8.687	0.91	28.78
1.64	0.65	30.03	35.73	12.38	4.487	25.519	8.712	0.84	30.03
1.65	0.60	31.27	36.33	12.70	3.972	25.543	8.733	0.78	31.27
1.66	0.55	31.78	36.88	12.98	3.475	25.562	8.750	0.71	31.78
1.67	0.51	32.27	37.39	13.24	3.016	25.577	8.764	0.67	32.27
1.68	0.48	32.77	37.87	13.49	2.616	25.590	8.776	0.63	32.77
1.69	0.46	33.26	38.33	13.73	2.296	25.601	8.786	0.60	33.26
1.70	0.44	33.75	38.77	13.96	2.076	25.610	8.795	0.58	33.75

1.71	0.43	34.34	39.20	14.18	1.976	25.618	8.803	0.57	34.34
1.72	0.42	34.93	39.62	14.40	1.912	25.626	8.811	0.55	34.93
1.73	0.41	35.52	40.03	14.62	1.824	25.634	8.819	0.54	35.52
1.74	0.40	36.10	40.43	14.83	1.735	25.641	8.827	0.53	36.10
1.75	0.39	36.68	40.82	15.04	1.647	25.647	8.834	0.52	36.68
1.76	0.38	37.54	41.20	15.24	1.559	25.653	8.840	0.50	37.54
1.77	0.36	38.40	41.56	15.45	1.472	25.658	8.846	0.48	38.40
1.78	0.34	39.25	41.90	15.64	1.387	25.663	8.852	0.45	39.25
1.79	0.32	40.09	42.22	15.82	1.303	25.667	8.857	0.43	40.09
1.80	0.30	40.93	42.52	16.00	1.221	25.671	8.862	0.40	40.93
1.81	0.26	41.74	42.78	16.16	1.142	25.674	8.865	0.35	41.74
1.82	0.22	42.55	43.00	16.29	1.066	25.676	8.868	0.29	42.55
1.83	0.19	43.35	43.19	16.41	0.993	25.678	8.871	0.25	43.35
1.84	0.17	44.14	43.36	16.52	0.928	25.680	8.873	0.23	44.14
1.85	0.17	44.93	43.53	16.63	0.855	25.681	8.875	0.23	44.93
1.86	0.17	45.25	43.70	16.74	0.782	25.682	8.877	0.23	45.25
1.87	0.19	45.56	43.89	16.87	0.709	25.684	8.879	0.25	45.56
1.88	0.21	45.88	44.10	17.01	0.635	25.685	8.881	0.28	45.88
1.89	0.25	46.19	44.35	17.17	0.563	25.686	8.883	0.33	46.19
1.90	0.30	46.50	44.65	17.37	0.491	25.688	8.885	0.40	46.50
1.91	0.33	46.54	44.98	17.58	0.419	25.689	8.887	0.44	46.54
1.92	0.35	46.59	45.33	17.81	0.350	25.691	8.889	0.47	46.59
1.93	0.37	46.63	45.70	18.04	0.281	25.692	8.890	0.50	46.63
1.94	0.38	46.67	46.08	18.27	0.215	25.692	8.892	0.51	46.67
1.95	0.40	46.71	46.48	18.52	0.150	25.693	8.892	0.54	46.71
1.96	0.41	47.65	46.89	18.77	0.088	25.693	8.893	0.55	47.65
1.97	0.42	48.58	47.31	19.04	0.029	25.694	8.893	0.57	48.58
1.98	0.43	49.50	47.74	19.31	0.0	25.694	8.893	0.58	49.50
1.99	0.43	50.42	48.17	19.59	0.0	25.694	8.893	0.58	50.42
2.00	0.44	51.34	48.61	19.88	0.0	25.694	8.893	0.59	51.34
2.01	0.47	51.93	49.08	20.18	0.0	25.694	8.893	0.63	51.93
2.02	0.51	52.51	49.59	20.52	0.0	25.694	8.893	0.69	52.51
2.03	0.54	53.09	50.13	20.87	0.0	25.694	8.893	0.73	53.09
2.04	0.56	53.67	50.69	21.23	0.0	25.694	8.893	0.75	53.67
2.05	0.56	54.25	51.25	21.59	0.0	25.694	8.893	0.75	54.25
2.06	0.55	54.88	51.80	21.94	0.0	25.694	8.893	0.74	54.88
2.07	0.53	55.51	52.33	22.28	0.0	25.694	8.893	0.71	55.51
2.08	0.48	56.13	52.81	22.59	0.0	25.694	8.893	0.65	56.13
2.09	0.43	56.75	53.24	22.87	0.0	25.694	8.893	0.58	56.75
2.10	0.36	57.37	53.60	23.10	0.0	25.694	8.893	0.48	57.37
2.11	0.30	57.88	53.90	23.29	0.0	25.694	8.893	0.40	57.88
2.12	0.25	58.39	54.18	23.47	0.0	25.694	8.893	0.38	58.39
2.13	0.26	58.90	54.44	23.64	0.0	25.694	8.893	0.35	58.90
2.14	0.24	59.40	54.68	23.80	0.0	25.694	8.893	0.32	59.40
2.15	0.23	59.90	54.91	23.95	0.0	25.694	8.893	0.31	59.90
2.16	0.22	60.59	55.13	24.10	0.0	25.694	8.893	0.30	60.59
2.17	0.22	61.28	55.35	24.25	0.0	25.694	8.893	0.30	61.28
2.18	0.23	61.96	55.58	24.40	0.0	25.694	8.893	0.31	61.96
2.19	0.23	62.64	55.81	24.56	0.0	25.694	8.893	0.31	62.64
2.20	0.25	63.32	56.06	24.73	0.0	25.694	8.893	0.34	63.32
2.21	0.26	63.75	56.32	24.91	0.0	25.694	8.893	0.35	63.75
2.22	0.26	64.18	56.58	25.09	0.0	25.694	8.893	0.35	64.18
2.23	0.27	64.61	56.85	25.28	0.0	25.694	8.893	0.36	64.61
2.24	0.27	65.04	57.12	25.47	0.0	25.694	8.893	0.36	65.04
2.25	0.28	65.47	57.40	25.66	0.0	25.694	8.893	0.38	65.47
2.26	0.29	66.30	57.69	25.87	0.0	25.694	8.893	0.39	66.30
2.27	0.30	67.14	57.99	26.08	0.0	25.694	8.893	0.40	67.14
2.28	0.30	67.96	58.29	26.30	0.0	25.694	8.893	0.40	67.96
2.29	0.31	68.79	58.60	26.52	0.0	25.694	8.893	0.42	68.79
2.30	0.32	69.61	58.92	26.76	0.0	25.694	8.893	0.43	69.61

2.31	1.45	70.15	60.37	27.80	0.0	25.694	8.893	1.95	70.15
2.32	1.45	70.69	61.82	28.80	0.0	25.694	8.893	1.95	70.69
2.33	1.44	71.23	63.26	29.77	0.0	25.694	8.893	1.94	71.23
2.34	1.43	71.76	64.69	30.70	0.0	25.694	8.893	1.92	71.76
2.35	1.43	72.29	66.12	31.60	0.0	25.694	8.893	1.92	72.29
2.36	1.42	72.82	67.54	32.46	0.0	25.694	8.893	1.91	72.82
2.37	1.42	73.35	68.96	33.31	0.0	25.694	8.893	1.91	73.35
2.38	1.41	73.87	70.37	34.12	0.0	25.694	8.893	1.90	73.87
2.39	1.40	74.39	71.77	34.90	0.0	25.694	8.893	1.88	74.39
2.40	1.40	74.91	73.17	35.67	0.0	25.694	8.893	1.88	74.91
2.41	1.39	75.43	74.56	36.41	0.0	25.694	8.893	1.87	75.43
2.42	1.39	75.94	75.95	37.13	0.0	25.694	8.893	1.87	75.94
2.43	1.38	76.46	77.33	37.84	0.0	25.694	8.893	1.86	76.46
2.44	1.38	76.97	78.71	38.52	0.0	25.694	8.893	1.86	76.97
2.45	1.37	77.48	80.08	39.19	0.0	25.694	8.893	1.84	77.48
2.46	1.36	78.75	81.44	39.85	0.0	25.694	8.893	1.83	78.75
2.47	1.36	80.01	82.80	40.51	0.0	25.694	8.893	1.83	80.01
2.48	1.35	81.27	84.15	41.16	0.0	25.694	8.893	1.82	81.27
2.49	1.35	82.53	85.50	41.82	0.0	25.694	8.893	1.82	82.53
2.50	1.34	83.78	86.84	42.46	0.0	25.694	8.893	1.80	83.78
2.51	1.34	85.02	88.18	43.11	0.0	25.694	8.893	1.80	85.02
2.52	1.33	86.26	89.51	43.75	0.0	25.694	8.893	1.79	86.26
2.53	1.33	87.49	90.84	44.39	0.0	25.694	8.893	1.79	87.49
2.54	1.32	88.72	92.16	45.03	0.0	25.694	8.893	1.78	88.72
2.55	1.32	89.95	93.48	45.66	0.0	25.694	8.893	1.78	89.95
2.56	1.31	91.17	94.79	46.29	0.0	25.694	8.893	1.76	91.17
2.57	1.31	92.38	96.10	46.92	0.0	25.694	8.893	1.76	92.38
2.58	1.30	93.59	97.40	47.54	0.0	25.694	8.893	1.75	93.59
2.59	1.30	94.80	98.70	48.16	0.0	25.694	8.893	1.75	94.80
2.60	1.29	96.00	99.99	48.78	0.014	25.694	8.894	1.74	96.00

		CLEAN COAL ASH %	8.89	REFUSE ASH %	62.57	
HEAD ASH %	48.78	CLEAN COAL YIELD%	25.69	REFUSE YIELD%	74.31	
THEO. YIELD	27.65	ECART PROB. MOYEN	0.0361			
SG OF SEPARATION	1.552	IMPERFECTION	0.023			
NEAR GRAVITY MAT	19.288					
ORGANIC EFFCY.	92.92					

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 22 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 79.34 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.808	0.0	0.010	0.0	0.01
1.24	0.46	0.31	0.46	0.31	99.712	0.459	0.310	0.00	0.31
1.25	0.45	0.61	0.91	0.46	99.617	0.907	0.458	0.00	0.61
1.26	0.45	0.91	1.36	0.61	99.522	1.355	0.608	0.00	0.91
1.27	0.45	1.21	1.81	0.76	99.427	1.802	0.757	0.00	1.21
1.28	0.44	1.50	2.25	0.90	99.332	2.239	0.902	0.00	1.50
1.29	0.44	1.80	2.69	1.05	99.237	2.676	1.049	0.01	1.80
1.30	0.44	2.09	3.13	1.20	99.143	3.112	1.195	0.01	2.09
1.31	0.43	2.37	3.56	1.34	99.048	3.538	1.336	0.01	2.37
1.32	0.43	2.78	3.99	1.49	98.952	3.964	1.491	0.01	2.78
1.33	0.43	3.29	4.42	1.67	98.905	4.389	1.665	0.01	3.29
1.34	0.42	3.80	4.84	1.85	98.812	4.804	1.850	0.01	3.80
1.35	0.42	4.31	5.26	2.05	98.719	5.218	2.045	0.01	4.31
1.36	0.42	4.82	5.68	2.25	98.627	5.633	2.249	0.01	4.82
1.37	0.41	5.32	6.09	2.46	98.536	6.037	2.455	0.01	5.32
1.38	0.41	5.81	6.50	2.67	98.444	6.440	2.665	0.01	5.81
1.39	0.41	6.31	6.91	2.89	98.353	6.844	2.880	0.01	6.31
1.40	0.40	6.80	7.31	3.10	98.261	7.237	3.093	0.01	6.80
1.41	1.85	7.13	9.16	3.92	98.169	9.053	3.903	0.05	7.13
1.42	1.89	7.45	11.05	4.52	98.075	10.906	4.506	0.05	7.45
1.43	1.92	7.78	12.97	5.00	97.981	12.788	4.987	0.06	7.78
1.44	1.94	8.10	14.91	5.41	97.425	14.678	5.388	0.07	8.10
1.45	1.95	8.42	16.86	5.75	96.219	16.554	5.732	0.11	8.42
1.46	1.96	9.47	18.82	6.14	94.873	18.413	6.109	0.15	9.47
1.47	1.95	10.51	20.77	6.55	93.546	20.238	6.506	0.19	10.51
1.48	1.94	11.54	22.71	6.98	90.820	21.999	6.909	0.27	11.54
1.49	1.91	12.56	24.62	7.41	84.807	23.619	7.297	0.43	12.56
1.50	1.88	13.58	26.50	7.85	78.432	25.094	7.686	0.60	13.58
1.51	1.87	14.32	28.37	8.27	68.056	26.366	7.987	0.89	14.32
1.52	1.88	15.05	30.25	8.70	61.111	27.515	8.282	1.09	15.05
1.53	1.88	15.77	32.13	9.11	54.167	28.534	8.549	1.28	15.77
1.54	1.87	16.49	34.00	9.52	47.222	29.417	8.788	1.47	16.49
1.55	1.86	17.21	35.86	9.91	43.055	30.218	9.011	1.58	17.21
1.56	1.84	18.54	37.70	10.34	36.111	30.882	9.216	1.75	18.54
1.57	1.81	19.85	39.51	10.77	29.166	31.410	9.395	1.91	19.85
1.58	1.78	21.16	41.29	11.22	22.222	31.805	9.541	2.06	21.16
1.59	1.73	22.46	43.02	11.67	18.622	32.128	9.670	2.10	22.46
1.60	1.68	23.76	44.70	12.13	13.470	32.354	9.769	2.17	23.76
1.61	1.55	25.08	46.25	12.56	7.366	32.468	9.823	2.14	25.08
1.62	1.37	26.40	47.62	12.96	5.745	32.547	9.863	1.92	26.40
1.63	1.20	27.70	48.82	13.32	4.953	32.606	9.895	1.70	27.70
1.64	1.05	29.00	49.87	13.65	4.487	32.653	9.923	1.49	29.00
1.65	0.92	30.29	50.79	13.95	3.972	32.690	9.946	1.32	30.29
1.66	0.80	30.77	51.59	14.21	3.475	32.718	9.963	1.15	30.77
1.67	0.71	31.25	52.30	14.44	3.016	32.739	9.977	1.03	31.25
1.68	0.63	31.72	52.93	14.65	2.616	32.756	9.988	0.91	31.72
1.69	0.58	32.19	53.51	14.84	2.296	32.769	9.997	0.84	32.19
1.70	0.54	32.66	54.05	15.02	2.076	32.780	10.005	0.79	32.66

1.71	0.52	33.23	54.57	15.19	1.976	32.790	10.012	0.76	33.23
1.72	0.52	33.79	55.09	15.37	1.912	32.800	10.020	0.76	33.79
1.73	0.52	34.35	55.61	15.54	1.824	32.810	10.027	0.76	34.35
1.74	0.52	34.91	56.13	15.72	1.735	32.819	10.033	0.76	34.91
1.75	0.52	35.47	56.65	15.91	1.647	32.827	10.040	0.76	35.47
1.76	0.52	36.22	57.17	16.09	1.559	32.836	10.047	0.76	36.22
1.77	0.52	36.97	57.69	16.28	1.472	32.843	10.053	0.76	36.97
1.78	0.51	37.72	58.20	16.47	1.387	32.850	10.059	0.75	37.72
1.79	0.51	38.46	58.71	16.66	1.303	32.857	10.064	0.75	38.46
1.80	0.51	39.20	59.22	16.85	1.221	32.863	10.070	0.75	39.20
1.81	0.51	39.80	59.73	17.05	1.142	32.869	10.075	0.75	39.80
1.82	0.51	40.41	60.24	17.24	1.066	32.874	10.080	0.75	40.41
1.83	0.51	41.01	60.75	17.44	0.993	32.879	10.085	0.75	41.01
1.84	0.51	41.60	61.26	17.65	0.928	32.884	10.090	0.75	41.60
1.85	0.51	42.19	61.77	17.85	0.855	32.889	10.094	0.75	42.19
1.86	0.51	42.48	62.28	18.05	0.782	32.893	10.098	0.75	42.48
1.87	0.51	42.77	62.79	18.25	0.709	32.896	10.101	0.75	42.77
1.88	0.51	43.05	63.30	18.45	0.635	32.899	10.105	0.76	43.05
1.89	0.51	43.33	63.81	18.65	0.563	32.902	10.108	0.76	43.33
1.90	0.51	43.61	64.32	18.85	0.491	32.905	10.110	0.76	43.61
1.91	0.51	43.72	64.83	19.04	0.419	32.907	10.112	0.76	43.72
1.92	0.53	43.82	65.36	19.24	0.350	32.909	10.114	0.79	43.82
1.93	0.53	43.92	65.89	19.44	0.281	32.910	10.116	0.79	43.92
1.94	0.54	44.03	66.43	19.64	0.215	32.911	10.117	0.80	44.03
1.95	0.54	44.13	66.97	19.84	0.150	32.912	10.118	0.80	44.13
1.96	0.53	44.89	67.50	20.04	0.088	32.913	10.118	0.79	44.89
1.97	0.53	45.64	68.03	20.24	0.029	32.913	10.118	0.79	45.64
1.98	0.52	46.39	68.55	20.43	0.0	32.913	10.118	0.78	46.39
1.99	0.50	47.13	69.05	20.63	0.0	32.913	10.118	0.75	47.13
2.00	0.48	47.88	69.53	20.82	0.0	32.913	10.118	0.72	47.88
2.01	0.46	48.47	69.99	21.00	0.0	32.913	10.118	0.69	48.47
2.02	0.43	49.06	70.42	21.17	0.0	32.913	10.118	0.64	49.06
2.03	0.41	49.64	70.83	21.33	0.0	32.913	10.118	0.61	49.64
2.04	0.39	50.20	71.22	21.49	0.0	32.913	10.118	0.58	50.20
2.05	0.37	50.73	71.59	21.64	0.0	32.913	10.118	0.55	50.73
2.06	0.36	51.22	71.95	21.79	0.0	32.913	10.118	0.54	51.22
2.07	0.36	51.66	72.31	21.94	0.0	32.913	10.118	0.54	51.66
2.08	0.35	52.07	72.66	22.08	0.0	32.913	10.118	0.52	52.07
2.09	0.36	52.45	73.02	22.23	0.0	32.913	10.118	0.54	52.45
2.10	0.36	52.83	73.38	22.38	0.0	32.913	10.118	0.54	52.83
2.11	0.37	52.96	73.75	22.54	0.0	32.913	10.118	0.55	52.96
2.12	0.36	53.08	74.11	22.69	0.0	32.913	10.118	0.54	53.08
2.13	0.36	53.20	74.47	22.83	0.0	32.913	10.118	0.54	53.20
2.14	0.36	53.33	74.83	22.98	0.0	32.913	10.118	0.54	53.33
2.15	0.36	53.45	75.19	23.13	0.0	32.913	10.118	0.54	53.45
2.16	0.36	54.58	75.55	23.28	0.0	32.913	10.118	0.54	54.58
2.17	0.36	55.71	75.91	23.43	0.0	32.913	10.118	0.54	55.71
2.18	0.35	56.83	76.26	23.58	0.0	32.913	10.118	0.52	56.83
2.19	0.35	57.95	76.61	23.74	0.0	32.913	10.118	0.52	57.95
2.20	0.35	59.06	76.96	23.90	0.0	32.913	10.118	0.52	59.06
2.21	0.33	60.05	77.29	24.06	0.0	32.913	10.118	0.49	60.05
2.22	0.30	61.03	77.59	24.20	0.0	32.913	10.118	0.45	61.03
2.23	0.28	62.00	77.87	24.33	0.0	32.913	10.118	0.42	62.00
2.24	0.26	62.97	78.13	24.46	0.0	32.913	10.118	0.39	62.97
2.25	0.25	63.94	78.38	24.59	0.0	32.913	10.118	0.37	63.94
2.26	0.25	64.44	78.63	24.72	0.0	32.913	10.118	0.37	64.44
2.27	0.26	64.95	78.89	24.85	0.0	32.913	10.118	0.39	64.95
2.28	0.28	65.45	79.17	24.99	0.0	32.913	10.118	0.42	65.45
2.29	0.30	65.95	79.47	25.15	0.0	32.913	10.118	0.45	65.95
2.30	0.33	66.44	79.80	25.32	0.0	32.913	10.118	0.49	66.44

2.31	0.87	66.44	80.67	25.76	0.0	32.913	10.118	1.30	66.44
2.32	0.87	66.44	81.54	26.19	0.0	32.913	10.118	1.30	66.44
2.33	0.86	66.44	82.40	26.61	0.0	32.913	10.118	1.28	66.44
2.34	0.86	66.44	83.26	27.03	0.0	32.913	10.118	1.28	66.44
2.35	0.86	66.45	84.12	27.43	0.0	32.913	10.118	1.28	66.45
2.36	0.85	66.45	84.97	27.82	0.0	32.913	10.118	1.27	66.45
2.37	0.85	66.45	85.82	28.20	0.0	32.913	10.118	1.27	66.45
2.38	0.84	66.45	86.66	28.57	0.0	32.913	10.118	1.25	66.45
2.39	0.84	66.45	87.50	28.94	0,0	32.913	10.118	1.25	66.45
2.40	0.84	66.45	88.34	29.29	0.0	32.913	10.118	1.25	66.45
2.41	0.83	66.45	89.17	29.64	0.0	32.913	10.118	1.24	66.45
2.42	0.83	66.45	90.00	29.98	0.0	32.913	10.118	1.24	66.45
2.43	0.83	66.45	90.83	30.31	0.0	32.913	10.118	1.24	66.45
2.44	0.82	66.45	91.65	30.63	0.0	32.913	10.118	1.22	66.45
2.45	0.82	66.45	92.47	30.95	0.0	32.913	10.118	1.22	66.45
2.46	0.52	68.48	92.99	31.16	0.0	32.913	10.118	0.78	68.48
2.47	0.52	70.49	93.51	31.38	0.0	32.913	10.118	0.78	70.49
2.48	0.52	72.50	94.03	31.61	0.0	32.913	10.118	0.78	72.50
2.49	0.51	74.50	94.54	31.84	0.0	32.913	10.118	0.76	74.50
2.50	0.51	76.50	95.05	32.08	0.0	32.913	10.118	0.76	76.50
2.51	0.51	78.48	95.56	32.33	0.0	32.913	10.118	0.76	78.48
2.52	0.51	80.46	96.07	32.58	0.0	32.913	10.118	0.76	80.46
2.53	0.51	82.43	96.58	32.85	0.0	32.913	10.118	0.76	82.43
2.54	0.50	84.39	97.08	33.11	0.0	32.913	10.118	0.75	84.39
2.55	0.50	86.34	97.58	33.38	0.0	32.913	10.118	0.75	86.34
2.56	0.50	88.29	98.08	33.66	0.0	32.913	10.118	0.75	88.29
2.57	0.50	90.23	98.58	33.95	0.0	32.913	10.118	0.75	90.23
2.58	0.50	92.16	99.08	34.24	0.0	32.913	10.118	0.75	92.16
2.59	0.49	94.08	99.57	34.54	0.0	32.913	10.118	0.73	94.08
2.60	0.49	96.00	100.06	34.84	0.014	32.913	10.119	0.73	96.00

		CLEAN COAL ASH %	10.12	REFUSE ASH %	46.97	
HEAD ASH %	34.84	CLEAN COAL YIELD%	32.91	REFUSE YIELD%	67.09	
THEO. YIELD	36.75	ECART PROB. MOYEN	0.0361			
SG OF SEPARATION	1.555	IMPERFECTION	0.023			
NEAR GRAVITY MAT	33.369					
ORGANIC EFFCY.	89.56					

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 23 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 76.78 ASH% - 0.0

SG-TMF	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ELEMENTAL ASH%
1.23	0.0	0.01	0.0	0.01	99.808	0.0	0.010	0.0	0.01
1.24	0.55	0.58	0.55	0.58	99.712	0.548	0.580	0.00	0.58
1.25	0.54	1.14	1.09	0.86	99.617	1.086	0.857	0.00	1.14
1.26	0.54	1.68	1.63	1.13	99.522	1.624	1.130	0.00	1.68
1.27	0.53	2.21	2.16	1.39	99.427	2.151	1.394	0.00	2.21
1.28	0.53	2.74	2.69	1.66	99.332	2.677	1.659	0.01	2.74
1.29	0.52	3.25	3.21	1.92	99.237	3.193	1.916	0.01	3.25
1.30	0.52	3.77	3.73	2.18	99.143	3.709	2.174	0.01	3.77
1.31	0.52	4.28	4.25	2.43	99.048	4.224	2.431	0.01	4.28
1.32	0.51	4.78	4.76	2.68	98.952	4.728	2.681	0.01	4.78
1.33	0.51	5.26	5.27	2.93	98.905	5.233	2.930	0.01	5.26
1.34	0.51	5.72	5.78	3.18	98.812	5.737	3.175	0.01	5.72
1.35	0.50	6.16	6.28	3.42	98.719	6.230	3.411	0.01	6.16
1.36	0.50	6.59	6.78	3.65	98.627	6.724	3.645	0.01	6.59
1.37	0.49	7.01	7.27	3.88	98.536	7.206	3.870	0.01	7.01
1.38	0.48	7.42	7.76	4.10	98.444	7.689	4.093	0.01	7.42
1.39	0.49	7.82	8.25	4.32	98.353	8.171	4.313	0.01	7.82
1.40	0.48	8.23	8.73	4.54	98.261	8.642	4.526	0.01	8.23
1.41	1.48	8.43	10.21	5.10	98.169	10.095	5.088	0.04	8.43
1.42	1.58	8.63	11.79	5.57	98.075	11.645	5.560	0.05	8.63
1.43	1.66	8.82	13.45	5.97	97.981	13.271	5.959	0.05	8.82
1.44	1.73	9.02	15.18	6.32	97.425	14.957	6.304	0.07	9.02
1.45	1.79	9.21	16.97	6.63	96.219	16.679	6.604	0.10	9.21
1.46	1.85	10.09	18.82	6.97	94.873	18.434	6.936	0.15	10.09
1.47	1.90	10.96	20.72	7.33	93.546	20.212	7.290	0.19	10.96
1.48	1.93	11.83	22.65	7.72	90.820	21.964	7.652	0.27	11.83
1.49	1.96	12.70	24.61	8.11	84.807	23.627	8.007	0.46	12.70
1.50	1.98	13.55	26.59	8.52	76.432	25.180	8.349	0.66	13.55
1.51	2.18	14.26	28.78	8.95	68.056	26.670	8.679	1.08	14.26
1.52	2.53	14.97	31.31	9.44	61.111	28.216	9.024	1.52	14.97
1.53	2.74	15.67	34.05	9.94	54.167	29.700	9.356	1.93	15.67
1.54	2.83	16.37	36.88	10.44	47.222	31.037	9.658	2.30	16.37
1.55	2.81	17.06	39.69	10.90	43.055	32.247	9.936	2.47	17.06
1.56	2.67	18.33	42.36	11.37	36.111	33.211	10.180	2.63	18.33
1.57	2.41	19.59	44.77	11.81	29.166	33.914	10.375	2.63	19.59
1.58	2.04	20.85	46.81	12.21	22.222	34.367	10.513	2.44	20.85
1.59	1.55	22.09	48.36	12.53	18.622	34.656	10.609	1.94	22.09
1.60	0.93	23.33	49.29	12.73	13.470	34.781	10.655	1.24	23.33
1.61	0.58	24.48	49.87	12.87	7.366	34.824	10.672	0.83	24.48
1.62	0.55	25.62	50.42	13.00	5.745	34.855	10.686	0.80	25.62
1.63	0.53	26.76	50.95	13.15	4.953	34.881	10.698	0.78	26.76
1.64	0.51	27.89	51.46	13.29	4.487	34.904	10.709	0.75	27.89
1.65	0.50	29.01	51.96	13.45	3.972	34.924	10.719	0.74	29.01
1.66	0.49	29.78	52.45	13.60	3.475	34.941	10.729	0.73	29.78
1.67	0.48	30.55	52.93	13.75	3.016	34.956	10.737	0.72	30.55
1.68	0.48	31.31	53.41	13.91	2.616	34.968	10.744	0.72	31.31
1.69	0.48	32.07	53.89	14.07	2.296	34.979	10.751	0.72	32.07
1.70	0.48	32.82	54.37	14.24	2.076	34.989	10.757	0.72	32.82

1.71	0.50	33.47	54.87	14.41	1.976	34.999	10.764	0.76	33.47
1.72	0.51	34.12	55.38	14.59	1.912	35.009	10.770	0.77	34.12
1.73	0.52	34.77	55.90	14.78	1.824	35.018	10.777	0.79	34.77
1.74	0.52	35.41	56.42	14.97	1.735	35.027	10.783	0.79	35.41
1.75	0.52	36.05	56.94	15.16	1.647	35.036	10.789	0.79	36.05
1.76	0.50	36.67	57.44	15.35	1.559	35.044	10.795	0.76	36.67
1.77	0.49	37.29	57.93	15.54	1.472	35.051	10.800	0.74	37.29
1.78	0.46	37.90	58.39	15.71	1.387	35.057	10.805	0.70	37.90
1.79	0.43	38.51	58.82	15.88	1.303	35.063	10.810	0.65	38.51
1.80	0.39	39.11	59.21	16.03	1.221	35.068	10.814	0.59	39.11
1.81	0.35	39.60	59.56	16.17	1.142	35.072	10.817	0.53	39.60
1.82	0.33	40.08	59.89	16.30	1.066	35.075	10.820	0.50	40.08
1.83	0.32	40.56	60.21	16.43	0.993	35.078	10.823	0.49	40.56
1.84	0.30	41.03	60.51	16.55	0.928	35.081	10.825	0.46	41.03
1.85	0.29	41.50	60.80	16.67	0.855	35.084	10.827	0.44	41.50
1.86	0.29	42.27	61.09	16.79	0.782	35.086	10.829	0.44	42.27
1.87	0.28	43.04	61.37	16.91	0.709	35.088	10.831	0.43	43.04
1.88	0.28	43.81	61.65	17.04	0.635	35.090	10.833	0.43	43.81
1.89	0.28	44.57	61.93	17.16	0.563	35.091	10.834	0.43	44.57
1.90	0.29	45.32	62.22	17.29	0.491	35.093	10.836	0.44	45.32
1.91	0.29	46.03	62.51	17.42	0.419	35.094	10.837	0.44	46.03
1.92	0.29	46.73	62.80	17.56	0.350	35.095	10.838	0.45	46.73
1.93	0.29	47.43	63.09	17.70	0.281	35.096	10.839	0.45	47.43
1.94	0.29	48.12	63.38	17.84	0.215	35.096	10.839	0.45	48.12
1.95	0.29	48.82	63.67	17.98	0.150	35.097	10.840	0.45	48.82
1.96	0.29	49.13	63.96	18.12	0.088	35.097	10.840	0.45	49.13
1.97	0.29	49.45	64.25	18.26	0.029	35.097	10.840	0.45	49.45
1.98	0.29	49.77	64.54	18.40	0.0	35.097	10.840	0.45	49.77
1.99	0.29	50.08	64.83	18.54	0.0	35.097	10.840	0.45	50.08
2.00	0.28	50.39	65.11	18.68	0.0	35.097	10.840	0.43	50.39
2.01	0.27	50.41	65.38	18.81	0.0	35.097	10.840	0.42	50.41
2.02	0.26	50.44	65.64	18.94	0.0	35.097	10.840	0.40	50.44
2.03	0.24	50.46	65.88	19.05	0.0	35.097	10.840	0.37	50.46
2.04	0.23	50.48	66.11	19.16	0.0	35.097	10.840	0.35	50.48
2.05	0.23	50.50	66.34	19.27	0.0	35.097	10.840	0.35	50.50
2.06	0.23	51.54	66.57	19.38	0.0	35.097	10.840	0.35	51.54
2.07	0.23	52.57	66.80	19.50	0.0	35.097	10.840	0.35	52.57
2.08	0.24	53.60	67.04	19.62	0.0	35.097	10.840	0.37	53.60
2.09	0.25	54.63	67.29	19.75	0.0	35.097	10.840	0.39	54.63
2.10	0.26	55.64	67.55	19.89	0.0	35.097	10.840	0.40	55.64
2.11	0.29	56.34	67.84	20.04	0.0	35.097	10.840	0.45	56.34
2.12	0.32	57.04	68.16	20.22	0.0	35.097	10.840	0.49	57.04
2.13	0.35	57.74	68.51	20.41	0.0	35.097	10.840	0.54	57.74
2.14	0.36	58.43	68.87	20.61	0.0	35.097	10.840	0.55	58.43
2.15	0.38	59.11	69.25	20.82	0.0	35.097	10.840	0.59	59.11
2.16	0.38	59.64	69.63	21.03	0.0	35.097	10.840	0.59	59.64
2.17	0.38	60.17	70.01	21.24	0.0	35.097	10.840	0.59	60.17
2.18	0.38	60.69	70.39	21.45	0.0	35.097	10.840	0.59	60.69
2.19	0.37	61.21	70.76	21.66	0.0	35.097	10.840	0.57	61.21
2.20	0.35	61.73	71.11	21.86	0.0	35.097	10.840	0.54	61.73
2.21	0.30	62.15	71.41	22.03	0.0	35.097	10.840	0.46	62.15
2.22	0.25	62.56	71.66	22.17	0.0	35.097	10.840	0.39	62.56
2.23	0.21	62.98	71.87	22.29	0.0	35.097	10.840	0.32	62.98
2.24	0.18	63.39	72.05	22.39	0.0	35.097	10.840	0.28	63.39
2.25	0.17	63.81	72.22	22.49	0.0	35.097	10.840	0.26	63.81
2.26	0.17	64.09	72.39	22.59	0.0	35.097	10.840	0.26	64.09
2.27	0.18	64.37	72.57	22.69	0.0	35.097	10.840	0.28	64.37
2.28	0.21	64.65	72.76	22.81	0.0	35.097	10.840	0.32	64.65
2.29	0.25	64.92	73.03	22.96	0.0	35.097	10.840	0.39	64.92
2.30	0.30	65.20	73.33	23.13	0.0	35.097	10.840	0.46	65.20

2.31	1.55	65.20	74.88	24.00	0.0	35.097	10.840	2.39	65.20
2.32	1.54	65.21	76.42	24.83	0.0	35.097	10.840	2.37	65.21
2.33	1.53	65.21	77.95	25.62	0.0	35.097	10.840	2.36	65.21
2.34	1.53	65.21	79.48	26.39	0.0	35.097	10.840	2.36	65.21
2.35	1.52	65.22	81.00	27.11	0.0	35.097	10.840	2.34	65.22
2.36	1.51	65.22	82.51	27.81	0.0	35.097	10.840	2.33	65.22
2.37	1.51	65.22	84.02	28.48	0.0	35.097	10.840	2.33	65.22
2.38	1.50	65.23	85.52	29.13	0.0	35.097	10.840	2.31	65.23
2.39	1.49	65.23	87.01	29.75	0.0	35.097	10.840	2.30	65.23
2.40	1.49	65.23	88.50	30.34	0.0	35.097	10.840	2.30	65.23
2.41	1.48	65.23	89.98	30.92	0.0	35.097	10.840	2.28	65.23
2.42	1.48	65.24	91.46	31.47	0.0	35.097	10.840	2.28	65.24
2.43	1.47	65.24	92.93	32.01	0.0	35.097	10.840	2.26	65.24
2.44	1.46	65.24	94.39	32.52	0.0	35.097	10.840	2.25	65.24
2.45	1.46	65.25	95.85	33.02	0.0	35.097	10.840	2.25	65.25
2.46	0.29	67.36	96.14	33.12	0.0	35.097	10.840	0.45	67.36
2.47	0.29	69.46	96.43	33.23	0.0	35.097	10.840	0.45	69.46
2.48	0.28	71.55	96.71	33.34	0.0	35.097	10.840	0.43	71.55
2.49	0.28	73.63	96.99	33.46	0.0	35.097	10.840	0.43	73.63
2.50	0.28	75.70	97.27	33.58	0.0	35.097	10.840	0.43	75.70
2.51	0.28	77.77	97.55	33.71	0.0	35.097	10.840	0.43	77.77
2.52	0.28	79.83	97.83	33.84	0.0	35.097	10.840	0.43	79.83
2.53	0.28	81.88	98.11	33.98	0.0	35.097	10.840	0.43	81.88
2.54	0.28	83.92	98.39	34.12	0.0	35.097	10.840	0.43	83.92
2.55	0.28	85.95	98.67	34.27	0.0	35.097	10.840	0.43	85.95
2.56	0.28	87.98	98.95	34.42	0.0	35.097	10.840	0.43	87.98
2.57	0.27	89.99	99.22	34.57	0.0	35.097	10.840	0.42	89.99
2.58	0.27	92.00	99.49	34.73	0.0	35.097	10.840	0.42	92.00
2.59	0.27	94.01	99.76	34.89	0.0	35.097	10.840	0.42	94.01
2.60	0.27	96.00	100.03	35.05	0.014	35.097	10.840	0.42	96.00

		CLEAN COAL ASH %	10.84	REFUSE ASH %	48.14
HEAD ASH %	35.05	CLEAN COAL YIELD%	35.10	REFUSE YIELD%	64.90
THEO. YIELD	39.31	ECART PROB. MOYEN	0.0361		
SG OF SEPARATION	1.549	IMPERFECTION	0.023		
NEAR GRAVITY MAT	35.167				
ORGANIC EFFCY.	89.29				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 24 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.16 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.808	0.0	0.010	0.0	0.01
1.24	1.02	0.21	1.02	0.21	99.712	1.017	0.210	0.01	0.21
1.25	1.03	0.41	2.05	0.31	99.617	2.043	0.310	0.01	0.41
1.26	1.05	0.61	3.10	0.41	99.522	3.088	0.412	0.01	0.61
1.27	1.07	0.81	4.17	0.51	99.427	4.152	0.514	0.01	0.81
1.28	1.09	1.01	5.26	0.62	99.332	5.235	0.616	0.01	1.01
1.29	1.11	1.20	6.37	0.72	99.237	6.336	0.718	0.02	1.20
1.30	1.14	1.39	7.51	0.82	99.143	7.466	0.820	0.02	1.39
1.31	1.17	1.58	8.68	0.92	99.048	8.625	0.922	0.02	1.58
1.32	1.20	2.02	9.88	1.06	98.952	9.813	1.055	0.02	2.02
1.33	1.24	2.69	11.12	1.24	98.905	11.039	1.236	0.02	2.69
1.34	1.27	3.36	12.39	1.46	98.812	12.294	1.453	0.03	3.36
1.35	1.31	4.02	13.70	1.70	98.719	13.587	1.697	0.03	4.02
1.36	1.36	4.67	15.06	1.97	98.627	14.929	1.965	0.03	4.67
1.37	1.40	5.33	16.46	2.25	98.536	16.308	2.249	0.04	5.33
1.38	1.45	5.97	17.91	2.56	98.444	17.736	2.549	0.04	5.97
1.39	1.50	6.62	19.41	2.87	98.353	19.211	2.861	0.04	6.62
1.40	1.56	7.29	20.97	3.20	98.261	20.744	3.186	0.05	7.25
1.41	1.60	7.63	22.57	3.51	98.169	22.314	3.498	0.05	7.63
1.42	1.62	8.00	24.19	3.81	98.075	23.903	3.798	0.06	8.00
1.43	1.64	8.37	25.83	4.10	97.981	25.510	4.086	0.06	8.37
1.44	1.66	8.74	27.49	4.38	97.425	27.127	4.363	0.08	8.74
1.45	1.68	9.10	29.17	4.65	96.219	28.744	4.630	0.11	9.10
1.46	1.69	9.84	30.86	4.94	94.873	30.347	4.905	0.15	9.84
1.47	1.70	10.58	32.56	5.23	93.546	31.938	5.187	0.20	10.58
1.48	1.71	11.32	34.27	5.53	90.820	33.491	5.472	0.28	11.32
1.49	1.71	12.05	35.98	5.84	84.807	34.941	5.745	0.46	12.05
1.50	1.71	12.77	37.69	6.16	78.432	36.282	6.005	0.66	12.77
1.51	1.74	13.07	39.43	6.46	68.056	37.466	6.228	0.99	13.07
1.52	1.78	13.37	41.21	6.76	61.111	38.554	6.429	1.23	13.37
1.53	1.81	13.66	43.02	7.05	54.167	39.534	6.609	1.48	13.66
1.54	1.83	13.95	44.85	7.33	47.222	40.398	6.766	1.72	13.95
1.55	1.83	14.25	46.68	7.60	43.055	41.186	6.909	1.86	14.25
1.56	1.83	15.77	48.51	7.91	36.111	41.847	7.049	2.08	15.77
1.57	1.81	17.29	50.32	8.25	29.166	42.375	7.176	2.29	17.29
1.58	1.78	18.80	52.10	8.61	22.222	42.771	7.284	2.47	18.80
1.59	1.74	20.30	53.84	8.99	18.622	43.095	7.382	2.53	20.30
1.60	1.69	21.79	55.53	9.38	13.470	43.322	7.457	2.61	21.79
1.61	1.60	23.19	57.13	9.76	7.366	43.440	7.500	2.64	23.19
1.62	1.47	24.57	58.60	10.14	5.745	43.525	7.533	2.47	24.57
1.63	1.34	25.95	59.94	10.49	4.953	43.591	7.561	2.27	25.95
1.64	1.22	27.32	61.16	10.83	4.487	43.646	7.586	2.08	27.32
1.65	1.10	28.68	62.26	11.14	3.972	43.689	7.607	1.88	28.68
1.66	0.99	28.87	63.25	11.42	3.475	43.724	7.624	1.70	28.87
1.67	0.87	29.05	64.12	11.66	3.016	43.750	7.637	1.50	29.05
1.68	0.76	29.23	64.88	11.86	2.616	43.770	7.647	1.32	29.23
1.69	0.66	29.42	65.54	12.04	2.296	43.785	7.654	1.15	29.42
1.70	0.55	29.60	66.09	12.19	2.076	43.797	7.660	0.96	29.60

1.71	0.50	30.01	66.59	12.32	1.976	43.806	7.665	0.87	30.01
1.72	0.49	30.42	67.08	12.45	1.912	43.816	7.670	0.86	30.42
1.73	0.48	30.83	67.56	12.58	1.824	43.825	7.674	0.84	30.83
1.74	0.48	31.23	68.04	12.71	1.735	43.833	7.679	0.84	31.23
1.75	0.47	31.64	68.51	12.84	1.647	43.841	7.683	0.82	31.64
1.76	0.47	32.30	68.98	12.98	1.559	43.848	7.687	0.83	32.30
1.77	0.48	32.96	69.46	13.11	1.472	43.855	7.691	0.84	32.96
1.78	0.48	33.61	69.94	13.26	1.387	43.862	7.695	0.84	33.61
1.79	0.49	34.26	70.43	13.40	1.303	43.868	7.699	0.86	34.26
1.80	0.50	34.91	70.93	13.55	1.221	43.874	7.703	0.88	34.91
1.81	0.51	35.39	71.44	13.71	1.142	43.880	7.707	0.90	35.39
1.82	0.51	35.87	71.95	13.87	1.066	43.885	7.710	0.90	35.87
1.83	0.51	36.35	72.46	14.02	0.993	43.890	7.713	0.90	36.35
1.84	0.51	36.82	72.97	14.18	0.928	43.895	7.717	0.90	36.82
1.85	0.51	37.29	73.48	14.34	0.855	43.900	7.719	0.90	37.29
1.86	0.51	37.82	73.99	14.51	0.782	43.904	7.722	0.90	37.82
1.87	0.51	38.35	74.50	14.67	0.709	43.907	7.725	0.90	38.35
1.88	0.51	38.88	75.01	14.83	0.635	43.910	7.727	0.90	38.88
1.89	0.50	39.41	75.51	15.00	0.563	43.913	7.729	0.89	39.41
1.90	0.50	39.93	76.01	15.16	0.491	43.916	7.731	0.89	39.93
1.91	0.50	40.27	76.51	15.32	0.419	43.918	7.732	0.89	40.27
1.92	0.49	40.60	77.00	15.49	0.350	43.919	7.734	0.87	40.60
1.93	0.49	40.94	77.49	15.65	0.281	43.921	7.735	0.87	40.94
1.94	0.49	41.27	77.98	15.81	0.215	43.922	7.736	0.87	41.27
1.95	0.48	41.61	78.46	15.97	0.150	43.923	7.736	0.85	41.61
1.96	0.48	42.08	78.94	16.12	0.088	43.923	7.736	0.86	42.08
1.97	0.48	42.56	79.42	16.28	0.029	43.923	7.737	0.86	42.56
1.98	0.48	43.03	79.90	16.44	0.0	43.923	7.737	0.86	43.03
1.99	0.48	43.51	80.38	16.61	0.0	43.923	7.737	0.86	43.51
2.00	0.48	43.97	80.86	16.77	0.0	43.923	7.737	0.86	43.97
2.01	0.48	44.28	81.34	16.93	0.0	43.923	7.737	0.86	44.28
2.02	0.48	44.58	81.82	17.09	0.0	43.923	7.737	0.86	44.58
2.03	0.47	44.87	82.29	17.25	0.0	43.923	7.737	0.84	44.87
2.04	0.47	45.17	82.76	17.41	0.0	43.923	7.737	0.84	45.17
2.05	0.46	45.47	83.22	17.57	0.0	43.923	7.737	0.82	45.47
2.06	0.45	45.57	83.67	17.72	0.0	43.923	7.737	0.80	45.57
2.07	0.45	45.67	84.12	17.87	0.0	43.923	7.737	0.80	45.67
2.08	0.44	45.77	84.56	18.01	0.0	43.923	7.737	0.78	45.77
2.09	0.44	45.88	85.00	18.16	0.0	43.923	7.737	0.78	45.88
2.10	0.43	45.98	85.43	18.30	0.0	43.923	7.737	0.77	45.98
2.11	0.41	46.10	85.84	18.43	0.0	43.923	7.737	0.73	46.10
2.12	0.37	46.23	86.21	18.55	0.0	43.923	7.737	0.66	46.23
2.13	0.33	46.36	86.54	18.65	0.0	43.923	7.737	0.59	46.36
2.14	0.30	46.49	86.84	18.75	0.0	43.923	7.737	0.53	46.49
2.15	0.28	46.61	87.12	18.84	0.0	43.923	7.737	0.50	46.61
2.16	0.25	46.74	87.37	18.92	0.0	43.923	7.737	0.45	46.74
2.17	0.24	46.86	87.61	19.00	0.0	43.923	7.737	0.43	46.86
2.18	0.22	46.99	87.83	19.07	0.0	43.923	7.737	0.39	46.99
2.19	0.22	47.11	88.05	19.14	0.0	43.923	7.737	0.39	47.11
2.20	0.21	47.24	88.26	19.20	0.0	43.923	7.737	0.37	47.24
2.21	0.21	47.24	88.47	19.27	0.0	43.923	7.737	0.37	47.24
2.22	0.16	47.24	88.63	19.32	0.0	43.923	7.737	0.29	47.24
2.23	0.13	47.24	88.76	19.36	0.0	43.923	7.737	0.23	47.24
2.24	0.11	47.24	88.87	19.39	0.0	43.923	7.737	0.20	47.24
2.25	0.10	47.24	88.97	19.43	0.0	43.923	7.737	0.18	47.24
2.26	0.08	47.65	89.05	19.45	0.0	43.923	7.737	0.14	47.65
2.27	0.09	48.07	89.14	19.48	0.0	43.923	7.737	0.16	48.07
2.28	0.11	48.48	89.25	19.52	0.0	43.923	7.737	0.20	48.48
2.29	0.14	48.90	89.39	19.56	0.0	43.923	7.737	0.25	48.90
2.30	0.17	49.31	89.56	19.62	0.0	43.923	7.737	0.30	49.31

2.31	0.37	49.31	89.93	19.74	0.0	43.923	7.737	0.66	49.31
2.32	0.37	49.31	90.30	19.86	0.0	43.923	7.737	0.66	49.31
2.33	0.37	49.31	90.67	19.98	0.0	43.923	7.737	0.66	49.31
2.34	0.36	49.31	91.03	20.10	0.0	43.923	7.737	0.64	49.31
2.35	0.36	49.31	91.39	20.21	0.0	43.923	7.737	0.64	49.31
2.36	0.36	49.31	91.75	20.33	0.0	43.923	7.737	0.64	49.31
2.37	0.36	49.31	92.11	20.44	0.0	43.923	7.737	0.64	49.31
2.38	0.36	49.31	92.47	20.55	0.0	43.923	7.737	0.64	49.31
2.39	0.36	49.31	92.83	20.66	0.0	43.923	7.737	0.64	49.31
2.40	0.35	49.31	93.18	20.77	0.0	43.923	7.737	0.62	49.31
2.41	0.35	49.31	93.53	20.88	0.0	43.923	7.737	0.62	49.31
2.42	0.35	49.31	93.88	20.98	0.0	43.923	7.737	0.62	49.31
2.43	0.35	49.31	94.23	21.09	0.0	43.923	7.737	0.62	49.31
2.44	0.35	49.31	94.58	21.19	0.0	43.923	7.737	0.62	49.31
2.45	0.35	49.31	94.93	21.30	0.0	43.923	7.737	0.62	49.31
2.46	0.35	52.51	95.28	21.41	0.0	43.923	7.737	0.62	52.51
2.47	0.34	55.69	95.62	21.53	0.0	43.923	7.737	0.61	55.69
2.48	0.34	58.87	95.96	21.67	0.0	43.923	7.737	0.61	58.87
2.49	0.34	62.03	96.30	21.81	0.0	43.923	7.737	0.61	62.03
2.50	0.34	65.18	96.64	21.96	0.0	43.923	7.737	0.61	65.18
2.51	0.34	68.32	96.98	22.12	0.0	43.923	7.737	0.61	68.32
2.52	0.34	71.44	97.32	22.30	0.0	43.923	7.737	0.61	71.44
2.53	0.34	74.55	97.66	22.48	0.0	43.923	7.737	0.61	74.55
2.54	0.33	77.65	97.99	22.66	0.0	43.923	7.737	0.59	77.65
2.55	0.33	80.74	98.32	22.86	0.0	43.923	7.737	0.59	80.74
2.56	0.33	83.82	98.65	23.06	0.0	43.923	7.737	0.59	83.82
2.57	0.33	86.88	98.98	23.28	0.0	43.923	7.737	0.59	86.88
2.58	0.33	89.93	99.31	23.50	0.0	43.923	7.737	0.59	89.93
2.59	0.33	92.97	99.64	23.73	0.0	43.923	7.737	0.59	92.97
2.60	0.33	96.00	99.97	23.97	0.014	43.923	7.737	0.59	96.00

HEAD ASH %	23.97	CLEAN COAL ASH %	7.74	REFUSE ASH %	36.68
THEO. YIELD	47.46	CLEAN COAL YIELD%	43.92	REFUSE YIELD%	56.08
SG OF SEPARATION	1.554	ECART PROB. MOYEN	0.0361		
NEAR GRAVITY MAT	32.790	IMPERFECTION	0.023		
ORGANIC EFFCY.	92.54				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC:DDH82006 SID: 41 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.83 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.808	0.0	0.010	0.0	0.01
1.24	1.03	0.59	1.03	0.59	99.712	1.027	0.590	0.01	0.59
1.25	1.02	1.17	2.05	0.88	99.617	2.043	0.878	0.01	1.17
1.26	1.01	1.74	3.06	1.16	99.522	3.048	1.163	0.01	1.74
1.27	1.00	2.31	4.06	1.45	99.427	4.043	1.445	0.02	2.31
1.28	0.99	2.88	5.05	1.73	99.332	5.026	1.726	0.02	2.88
1.29	0.99	3.44	6.04	2.01	99.237	6.008	2.006	0.02	3.44
1.30	0.98	3.99	7.02	2.28	99.143	6.980	2.282	0.02	3.99
1.31	0.97	4.54	7.99	2.56	99.048	7.941	2.555	0.03	4.54
1.32	0.96	4.92	8.95	2.81	98.952	8.891	2.808	0.03	4.92
1.33	0.96	5.12	9.91	3.04	98.905	9.840	3.031	0.03	5.12
1.34	0.95	5.31	10.86	3.23	98.812	10.779	3.230	0.03	5.31
1.35	0.94	5.51	11.80	3.42	98.719	11.707	3.410	0.04	5.51
1.36	0.94	5.70	12.74	3.58	98.627	12.634	3.578	0.04	5.70
1.37	0.93	5.89	13.67	3.74	98.536	13.550	3.735	0.04	5.89
1.38	0.92	6.09	14.59	3.89	98.444	14.456	3.882	0.04	6.09
1.39	0.92	6.28	15.51	4.03	98.353	15.361	4.023	0.04	6.28
1.40	0.91	6.46	16.42	4.17	98.261	16.255	4.157	0.05	6.46
1.41	3.53	6.56	19.95	4.59	98.169	19.720	4.580	0.19	6.56
1.42	4.63	6.65	24.58	4.98	98.075	24.261	4.967	0.26	6.65
1.43	5.42	6.74	30.00	5.30	97.981	29.572	5.286	0.32	6.74
1.44	5.90	6.83	35.90	5.55	97.425	35.320	5.537	0.44	6.83
1.45	6.07	6.92	41.97	5.75	96.219	41.160	5.733	0.67	6.92
1.46	5.92	8.24	47.89	6.05	94.873	46.777	6.034	0.89	8.24
1.47	5.47	9.55	53.36	6.41	93.546	51.894	6.381	1.03	9.55
1.48	4.70	10.85	58.06	6.77	90.820	56.162	6.720	1.26	10.85
1.49	3.62	12.14	61.68	7.09	84.807	59.232	7.001	1.61	12.14
1.50	2.23	13.43	63.91	7.31	78.432	60.961	7.186	1.41	13.43
1.51	1.40	14.77	65.31	7.47	68.056	61.934	7.302	1.31	14.77
1.52	1.32	16.10	66.63	7.64	61.111	62.741	7.416	1.50	16.10
1.53	1.24	17.43	67.87	7.82	54.167	63.413	7.522	1.66	17.43
1.54	1.16	18.74	69.03	8.00	47.222	63.960	7.618	1.79	18.74
1.55	1.08	20.05	70.11	8.19	43.055	64.425	7.707	1.80	20.05
1.56	1.00	20.63	71.11	8.36	36.111	64.787	7.779	1.87	20.63
1.57	0.92	21.21	72.03	8.53	29.166	65.055	7.835	1.91	21.21
1.58	0.83	21.78	72.86	8.68	22.222	65.239	7.874	1.89	21.78
1.59	0.74	22.35	73.60	8.81	18.622	65.377	7.905	1.76	22.35
1.60	0.65	22.91	74.25	8.94	13.470	65.465	7.925	1.64	22.91
1.61	0.62	23.62	74.87	9.06	7.366	65.510	7.936	1.68	23.62
1.62	0.64	24.32	75.51	9.19	5.745	65.547	7.945	1.76	24.32
1.63	0.64	25.02	76.15	9.32	4.953	65.579	7.953	1.78	25.02
1.64	0.64	25.71	76.79	9.46	4.487	65.607	7.961	1.79	25.71
1.65	0.63	26.40	77.42	9.60	3.972	65.633	7.968	1.77	26.40
1.66	0.61	27.00	78.03	9.73	3.475	65.654	7.974	1.72	27.00
1.67	0.58	27.60	78.61	9.86	3.016	65.671	7.979	1.64	27.60
1.68	0.54	28.20	79.15	9.99	2.616	65.685	7.984	1.54	28.20
1.69	0.49	28.79	79.64	10.11	2.296	65.697	7.987	1.40	28.79
1.70	0.43	29.38	80.07	10.21	2.076	65.706	7.990	1.23	29.38

1.71	0.39	30.01	80.46	10.30	1.976	65.713	7.993	1.12	30.01
1.72	0.39	30.63	80.85	10.40	1.912	65.721	7.995	1.12	30.63
1.73	0.38	31.25	81.23	10.50	1.824	65.728	7.998	1.09	31.25
1.74	0.37	31.87	81.60	10.60	1.735	65.734	8.000	1.06	31.87
1.75	0.37	32.48	81.97	10.70	1.647	65.740	8.003	1.06	32.48
1.76	0.36	32.57	82.33	10.79	1.559	65.746	8.005	1.04	32.57
1.77	0.35	32.66	82.68	10.88	1.472	65.751	8.007	1.01	32.66
1.78	0.35	32.76	83.03	10.98	1.387	65.756	8.008	1.01	32.76
1.79	0.34	32.85	83.37	11.07	1.303	65.760	8.010	0.98	32.85
1.80	0.33	32.94	83.70	11.15	1.221	65.764	8.012	0.95	32.94
1.81	0.33	32.94	84.03	11.24	1.142	65.768	8.013	0.95	32.94
1.82	0.31	32.94	84.34	11.32	1.066	65.771	8.014	0.90	32.94
1.83	0.30	32.94	84.64	11.39	0.993	65.774	8.015	0.87	32.94
1.84	0.29	32.94	84.93	11.47	0.928	65.777	8.016	0.84	32.94
1.85	0.29	32.94	85.22	11.54	0.855	65.779	8.017	0.84	32.94
1.86	0.27	34.09	85.49	11.61	0.782	65.782	8.018	0.78	34.09
1.87	0.27	35.24	85.76	11.69	0.709	65.783	8.019	0.78	35.24
1.88	0.28	36.38	86.04	11.77	0.635	65.785	8.020	0.81	36.38
1.89	0.30	37.51	86.34	11.86	0.563	65.787	8.021	0.87	37.51
1.90	0.31	38.64	86.65	11.95	0.491	65.788	8.021	0.90	38.64
1.91	0.37	39.30	87.02	12.07	0.419	65.790	8.022	1.08	39.30
1.92	0.43	39.96	87.45	12.21	0.350	65.791	8.023	1.25	39.96
1.93	0.48	40.62	87.93	12.36	0.281	65.793	8.023	1.40	40.62
1.94	0.51	41.27	88.44	12.53	0.215	65.794	8.024	1.49	41.27
1.95	0.52	41.92	88.96	12.70	0.150	65.795	8.024	1.52	41.92
1.96	0.52	42.93	89.48	12.87	0.088	65.795	8.025	1.52	42.93
1.97	0.51	43.94	89.99	13.05	0.029	65.795	8.025	1.49	43.94
1.98	0.48	44.94	90.47	13.22	0.0	65.795	8.025	1.40	44.94
1.99	0.44	45.94	90.91	13.38	0.0	65.795	8.025	1.29	45.94
2.00	0.38	46.93	91.29	13.52	0.0	65.795	8.025	1.11	46.93
2.01	0.34	47.90	91.63	13.65	0.0	65.795	8.025	0.99	47.90
2.02	0.32	48.87	91.95	13.77	0.0	65.795	8.025	0.94	48.87
2.03	0.30	49.82	92.25	13.89	0.0	65.795	8.025	0.88	49.82
2.04	0.29	50.78	92.54	14.00	0.0	65.795	8.025	0.85	50.78
2.05	0.27	51.73	92.81	14.11	0.0	65.795	8.025	0.79	51.73
2.06	0.25	52.19	93.06	14.21	0.0	65.795	8.025	0.73	52.19
2.07	0.23	52.65	93.29	14.31	0.0	65.795	8.025	0.67	52.65
2.08	0.21	53.10	93.50	14.39	0.0	65.795	8.025	0.61	53.10
2.09	0.19	53.55	93.69	14.47	0.0	65.795	8.025	0.56	53.55
2.10	0.16	54.00	93.85	14.54	0.0	65.795	8.025	0.47	54.00
2.11	0.15	54.39	94.00	14.61	0.0	65.795	8.025	0.44	54.39
2.12	0.15	54.78	94.15	14.67	0.0	65.795	8.025	0.44	54.78
2.13	0.14	55.16	94.29	14.73	0.0	65.795	8.025	0.41	55.16
2.14	0.13	55.55	94.42	14.79	0.0	65.795	8.025	0.38	55.55
2.15	0.13	55.93	94.55	14.84	0.0	65.795	8.025	0.38	55.93
2.16	0.12	56.16	94.67	14.89	0.0	65.795	8.025	0.35	56.16
2.17	0.11	56.40	94.78	14.94	0.0	65.795	8.025	0.32	56.40
2.18	0.10	56.63	94.88	14.99	0.0	65.795	8.025	0.29	56.63
2.19	0.10	56.86	94.98	15.03	0.0	65.795	8.025	0.29	56.86
2.20	0.09	57.10	95.07	15.07	0.0	65.795	8.025	0.26	57.10
2.21	0.07	57.20	95.14	15.10	0.0	65.795	8.025	0.20	57.20
2.22	0.06	57.30	95.20	15.13	0.0	65.795	8.025	0.18	57.30
2.23	0.05	57.40	95.25	15.15	0.0	65.795	8.025	0.15	57.40
2.24	0.04	57.50	95.29	15.17	0.0	65.795	8.025	0.12	57.50
2.25	0.04	57.60	95.33	15.19	0.0	65.795	8.025	0.12	57.60
2.26	0.04	58.06	95.37	15.20	0.0	65.795	8.025	0.12	58.06
2.27	0.05	58.52	95.42	15.23	0.0	65.795	8.025	0.15	58.52
2.28	0.05	58.89	95.47	15.25	0.0	65.795	8.025	0.15	58.99
2.29	0.07	59.45	95.54	15.28	0.0	65.795	8.025	0.20	59.45
2.30	0.08	59.90	95.62	15.32	0.0	65.795	8.025	0.23	59.90

2.31	0.18	59.90	95.80	15.40	0.0	65.795	8.025	0.53	59.90
2.32	0.18	59.91	95.98	15.49	0.0	65.795	8.025	0.53	59.91
2.33	0.18	59.91	96.16	15.57	0.0	65.795	8.025	0.53	59.91
2.34	0.18	59.91	96.34	15.65	0.0	65.795	8.025	0.53	59.91
2.35	0.18	59.91	96.52	15.73	0.0	65.795	8.025	0.53	59.91
2.36	0.18	59.91	96.70	15.82	0.0	65.795	8.025	0.53	59.91
2.37	0.18	59.91	96.88	15.90	0.0	65.795	8.025	0.53	59.91
2.38	0.18	59.91	97.06	15.98	0.0	65.795	8.025	0.53	59.91
2.39	0.18	59.91	97.24	16.06	0.0	65.795	8.025	0.53	59.91
2.40	0.18	59.91	97.42	16.14	0.0	65.795	8.025	0.53	59.91
2.41	0.18	59.92	97.60	16.22	0.0	65.795	8.025	0.53	59.92
2.42	0.18	59.92	97.78	16.30	0.0	65.795	8.025	0.53	59.92
2.43	0.18	59.92	97.96	16.38	0.0	65.795	8.025	0.53	59.92
2.44	0.17	59.92	98.13	16.46	0.0	65.795	8.025	0.50	59.92
2.45	0.17	59.92	98.30	16.53	0.0	65.795	8.025	0.50	59.92
2.46	0.12	62.39	98.42	16.59	0.0	65.795	8.025	0.35	62.39
2.47	0.12	64.86	98.54	16.65	0.0	65.795	8.025	0.35	64.86
2.48	0.12	67.31	98.66	16.71	0.0	65.795	8.025	0.35	67.31
2.49	0.12	69.75	98.78	16.78	0.0	65.795	8.025	0.35	69.75
2.50	0.12	72.19	98.90	16.84	0.0	65.795	8.025	0.35	72.19
2.51	0.12	74.61	99.02	16.91	0.0	65.795	8.025	0.35	74.61
2.52	0.11	77.02	99.13	16.98	0.0	65.795	8.025	0.32	77.02
2.53	0.11	79.43	99.24	17.05	0.0	65.795	8.025	0.32	79.43
2.54	0.11	81.82	99.35	17.12	0.0	65.795	8.025	0.32	81.82
2.55	0.11	84.21	99.46	17.19	0.0	65.795	8.025	0.32	84.21
2.56	0.11	86.59	99.57	17.27	0.0	65.795	8.025	0.32	86.59
2.57	0.11	88.95	99.68	17.35	0.0	65.795	8.025	0.32	88.95
2.58	0.11	91.31	99.79	17.43	0.0	65.795	8.025	0.32	91.31
2.59	0.11	93.66	99.90	17.52	0.0	65.795	8.025	0.32	93.66
2.60	0.11	96.00	100.01	17.60	0.014	65.795	8.025	0.32	96.00

		CLEAN COAL ASH %	8.02	REFUSE ASH %	36.03
HEAD ASH %	17.60	CLEAN COAL YIELD%	65.80	REFUSE YIELD%	34.20
THEO. YIELD	69.16	ECART PROB. MOYEN	0.0361		
SG OF SEPARATION	1.541	IMPERFECTION	0.023		
NEAR GRAVITY MAT	40.220				
ORGANIC EFFCY.	95.13				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 42 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.00 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.808	0.0	0.010	0.0	0.01
1.24	0.47	0.36	0.47	0.36	99.712	0.469	0.360	0.00	0.36
1.25	0.47	0.70	0.94	0.53	99.617	0.937	0.530	0.00	0.70
1.26	0.46	1.04	1.40	0.70	99.522	1.395	0.697	0.00	1.04
1.27	0.46	1.38	1.86	0.87	99.427	1.852	0.866	0.00	1.38
1.28	0.45	1.72	2.31	1.03	99.332	2.299	1.032	0.00	1.72
1.29	0.45	2.05	2.76	1.20	99.237	2.746	1.198	0.01	2.05
1.30	0.45	2.38	3.21	1.36	99.143	3.192	1.363	0.01	2.38
1.31	0.44	2.71	3.65	1.53	99.048	3.628	1.525	0.01	2.71
1.32	0.44	3.10	4.09	1.70	98.952	4.063	1.694	0.01	3.10
1.33	0.44	3.55	4.53	1.88	98.905	4.498	1.873	0.01	3.55
1.34	0.43	4.00	4.96	2.06	98.812	4.923	2.057	0.01	4.00
1.35	0.43	4.44	5.39	2.25	98.719	5.347	2.246	0.01	4.44
1.36	0.43	4.88	5.82	2.44	98.627	5.772	2.439	0.01	4.88
1.37	0.42	5.32	6.24	2.64	98.536	6.185	2.632	0.01	5.32
1.38	0.42	5.76	6.66	2.83	98.444	6.599	2.828	0.01	5.76
1.39	0.42	6.19	7.08	3.03	98.353	7.012	3.026	0.01	6.19
1.40	0.42	6.62	7.50	3.23	98.261	7.425	3.226	0.01	6.62
1.41	2.14	6.99	9.64	4.07	98.169	9.525	4.056	0.06	6.99
1.42	2.79	7.35	12.43	4.80	98.075	12.262	4.791	0.09	7.35
1.43	3.27	7.72	15.70	5.41	97.981	15.466	5.398	0.11	7.72
1.44	3.56	8.08	19.26	5.91	97.425	18.934	5.889	0.15	8.08
1.45	3.67	8.44	22.93	6.31	96.219	22.465	6.290	0.22	8.44
1.46	3.59	9.18	26.52	6.70	94.873	25.871	6.671	0.30	9.18
1.47	3.34	9.91	29.86	7.06	93.546	28.996	7.020	0.35	9.91
1.48	2.90	10.63	32.76	7.37	90.820	31.629	7.320	0.43	10.63
1.49	2.27	11.35	35.03	7.63	84.807	33.555	7.551	0.56	11.35
1.50	1.47	12.07	36.50	7.81	78.432	34.708	7.702	0.51	12.07
1.51	0.98	12.83	37.48	7.94	68.056	35.375	7.798	0.51	12.83
1.52	0.93	13.59	38.41	8.08	61.111	35.943	7.890	0.58	13.59
1.53	0.88	14.34	39.29	8.22	54.167	36.420	7.974	0.65	14.34
1.54	0.83	15.09	40.12	8.36	47.222	36.811	8.050	0.71	15.09
1.55	0.77	15.83	40.89	8.50	43.055	37.143	8.119	0.71	15.83
1.56	0.71	16.56	41.60	8.64	36.111	37.399	8.177	0.73	16.56
1.57	0.65	17.28	42.25	8.77	29.166	37.589	8.223	0.74	17.28
1.58	0.58	18.00	42.83	8.90	22.222	37.718	8.257	0.73	18.00
1.59	0.51	18.72	43.34	9.01	18.622	37.813	8.283	0.67	18.72
1.60	0.44	19.43	43.78	9.12	13.470	37.872	8.300	0.62	19.43
1.61	0.39	20.06	44.17	9.21	7.366	37.901	8.309	0.58	20.06
1.62	0.36	20.69	44.53	9.31	5.745	37.921	8.316	0.55	20.69
1.63	0.35	21.32	44.88	9.40	4.953	37.939	8.322	0.54	21.32
1.64	0.34	21.94	45.22	9.49	4.487	37.954	8.327	0.52	21.94
1.65	0.34	22.55	45.56	9.59	3.972	37.968	8.333	0.53	22.55
1.66	0.35	23.34	45.91	9.70	3.475	37.980	8.337	0.55	23.34
1.67	0.36	24.11	46.27	9.81	3.016	37.991	8.342	0.56	24.11
1.68	0.38	24.89	46.65	9.93	2.616	38.001	8.346	0.60	24.89
1.69	0.41	25.66	47.06	10.07	2.298	38.010	8.350	0.65	25.66
1.70	0.44	26.42	47.50	10.22	2.076	38.018	8.355	0.70	26.42

1.71	0.50	26.86	48.00	10.39	1.976	38.029	8.360	0.79	26.86
1.72	0.55	27.30	48.55	10.59	1.912	38.039	8.365	0.87	27.30
1.73	0.59	27.74	49.14	10.79	1.824	38.050	8.370	0.94	27.74
1.74	0.61	28.17	48.75	11.00	1.735	38.061	8.376	0.97	28.17
1.75	0.62	28.60	50.37	11.22	1.647	38.071	8.381	0.99	28.60
1.76	0.60	29.79	50.97	11.44	1.559	38.080	8.387	0.95	29.79
1.77	0.57	30.98	51.54	11.66	1.472	38.089	8.391	0.91	30.98
1.78	0.52	32.16	52.06	11.86	1.387	38.096	8.396	0.83	32.16
1.79	0.45	33.34	52.51	12.04	1.303	38.102	8.400	0.72	33.34
1.80	0.37	34.51	52.88	12.20	1.221	38.106	8.403	0.59	34.51
1.81	0.30	35.50	53.18	12.33	1.142	38.110	8.405	0.48	35.50
1.82	0.26	36.48	53.44	12.45	1.066	38.113	8.407	0.42	36.48
1.83	0.24	37.46	53.68	12.56	0.993	38.115	8.409	0.38	37.46
1.84	0.22	38.44	53.90	12.67	0.928	38.117	8.411	0.35	38.44
1.85	0.20	39.41	54.10	12.77	0.855	38.119	8.412	0.32	39.41
1.86	0.20	40.14	54.30	12.87	0.782	38.120	8.414	0.32	40.14
1.87	0.20	40.87	54.50	12.97	0.709	38.122	8.415	0.32	40.87
1.88	0.21	41.60	54.71	13.08	0.635	38.123	8.416	0.34	41.60
1.89	0.23	42.32	54.94	13.20	0.563	38.124	8.417	0.37	42.32
1.90	0.26	43.04	55.20	13.34	0.491	38.126	8.418	0.42	43.04
1.91	0.29	43.60	55.49	13.50	0.419	38.127	8.419	0.47	43.60
1.92	0.30	44.16	55.79	13.67	0.350	38.128	8.420	0.48	44.16
1.93	0.31	44.71	56.10	13.84	0.281	38.129	8.421	0.50	44.71
1.94	0.32	45.27	56.42	14.02	0.215	38.129	8.422	0.52	45.27
1.95	0.32	45.81	56.74	14.20	0.150	38.130	8.422	0.52	45.81
1.96	0.31	46.78	57.05	14.37	0.088	38.130	8.423	0.50	46.78
1.97	0.31	47.75	57.36	14.55	0.029	38.130	8.423	0.50	47.75
1.98	0.30	48.71	57.66	14.73	0.0	38.130	8.423	0.48	48.71
1.99	0.28	49.67	57.94	14.90	0.0	38.130	8.423	0.45	49.67
2.00	0.26	50.62	58.20	15.06	0.0	38.130	8.423	0.42	50.62
2.01	0.09	51.50	58.29	15.12	0.0	38.130	8.423	0.15	51.50
2.02	0.08	52.38	58.37	15.17	0.0	38.130	8.423	0.13	52.38
2.03	0.08	53.25	58.45	15.22	0.0	38.130	8.423	0.13	53.25
2.04	0.07	54.12	58.52	15.27	0.0	38.130	8.423	0.11	54.12
2.05	0.07	54.99	58.59	15.31	0.0	38.130	8.423	0.11	54.99
2.06	0.29	54.99	58.88	15.51	0.0	38.130	8.423	0.47	54.99
2.07	0.27	54.99	59.15	15.69	0.0	38.130	8.423	0.44	54.99
2.08	0.26	54.99	59.41	15.86	0.0	38.130	8.423	0.42	54.99
2.09	0.25	54.99	59.66	16.02	0.0	38.130	8.423	0.40	54.99
2.10	0.25	54.99	59.91	16.19	0.0	38.130	8.423	0.40	54.99
2.11	0.17	54.99	60.08	16.30	0.0	38.130	8.423	0.27	54.99
2.12	0.14	54.99	60.22	16.39	0.0	38.130	8.423	0.23	54.99
2.13	0.11	54.99	60.33	16.46	0.0	38.130	8.423	0.18	54.99
2.14	0.09	54.99	60.42	16.51	0.0	38.130	8.423	0.15	54.99
2.15	0.07	54.99	60.49	16.56	0.0	38.130	8.423	0.11	54.99
2.16	0.02	55.77	60.51	16.57	0.0	38.130	8.423	0.03	55.77
2.17	0.02	56.55	60.53	16.58	0.0	38.130	8.423	0.03	56.55
2.18	0.02	57.33	60.55	16.60	0.0	38.130	8.423	0.03	57.33
2.19	0.03	58.10	60.58	16.62	0.0	38.130	8.423	0.05	58.10
2.20	0.03	58.86	60.61	16.64	0.0	38.130	8.423	0.05	58.86
2.21	0.12	59.14	60.73	16.72	0.0	38.130	8.423	0.19	59.14
2.22	0.16	59.42	60.89	16.84	0.0	38.130	8.423	0.26	59.42
2.23	0.20	59.70	61.09	16.98	0.0	38.130	8.423	0.32	59.70
2.24	0.24	59.97	61.33	17.14	0.0	38.130	8.423	0.39	59.97
2.25	0.28	60.25	61.61	17.34	0.0	38.130	8.423	0.45	60.25
2.26	0.32	61.34	61.93	17.57	0.0	38.130	8.423	0.52	61.34
2.27	0.36	62.42	62.29	17.83	0.0	38.130	8.423	0.58	62.42
2.28	0.40	63.50	62.69	18.12	0.0	38.130	8.423	0.65	63.50
2.29	0.43	64.58	63.12	18.44	0.0	38.130	8.423	0.70	64.58
2.30	0.46	65.65	63.58	18.78	0.0	38.130	8.423	0.74	65.65

2.31	1.29	65.91	64.87	19.71	0.0	38.130	8.423	2.09	65.91
2.32	1.28	66.17	66.15	20.61	0.0	38.130	8.423	2.07	66.17
2.33	1.28	66.43	67.43	21.48	0.0	38.130	8.423	2.07	66.43
2.34	1.27	66.69	68.70	22.32	0.0	38.130	8.423	2.05	66.69
2.35	1.27	66.94	69.97	23.13	0.0	38.130	8.423	2.05	66.94
2.36	1.26	67.20	71.23	23.91	0.0	38.130	8.423	2.04	67.20
2.37	1.25	67.45	72.48	24.66	0.0	38.130	8.423	2.02	67.45
2.38	1.25	67.70	73.73	25.39	0.0	38.130	8.423	2.02	67.70
2.39	1.24	67.95	74.97	26.09	0.0	38.130	8.423	2.00	67.95
2.40	1.24	68.20	76.21	26.78	0.0	38.130	8.423	2.00	68.20
2.41	1.23	68.45	77.44	27.44	0.0	38.130	8.423	1.99	68.45
2.42	1.23	68.70	78.67	28.08	0.0	38.130	8.423	1.99	68.70
2.43	1.22	68.95	79.89	28.71	0.0	38.130	8.423	1.97	68.95
2.44	1.22	69.19	81.11	29.32	0.0	38.130	8.423	1.97	69.19
2.45	1.21	69.44	82.32	29.91	0.0	38.130	8.423	1.96	69.44
2.46	1.21	71.26	83.53	30.51	0.0	38.130	8.423	1.96	71.26
2.47	1.20	73.07	84.73	31.11	0.0	38.130	8.423	1.94	73.07
2.48	1.20	74.88	85.93	31.72	0.0	38.130	8.423	1.94	74.88
2.49	1.19	76.68	87.12	32.33	0.0	38.130	8.423	1.92	76.68
2.50	1.19	78.47	88.31	32.96	0.0	38.130	8.423	1.92	78.47
2.51	1.18	80.25	89.49	33.58	0.0	38.130	8.423	1.91	80.25
2.52	1.18	82.03	90.67	34.21	0.0	38.130	8.423	1.91	82.03
2.53	1.17	83.80	91.84	34.84	0.0	38.130	8.423	1.89	83.80
2.54	1.17	85.56	93.01	35.48	0.0	38.130	8.423	1.89	85.56
2.55	1.17	87.32	94.18	36.12	0.0	38.130	8.423	1.89	87.32
2.56	1.16	89.07	95.34	36.77	0.0	38.130	8.423	1.87	89.07
2.57	1.16	90.81	96.50	37.42	0.0	38.130	8.423	1.87	90.81
2.58	1.15	92.55	97.65	38.07	0.0	38.130	8.423	1.86	92.55
2.59	1.15	94.28	98.80	38.72	0.0	38.130	8.423	1.86	94.28
2.60	1.14	96.00	99.94	39.37	0.014	38.130	8.423	1.84	96.00

HEAD ASH %	39.37	CLEAN COAL ASH %	8.42	REFUSE ASH %	58.45
THEO. YIELD	40.46	CLEAN COAL YIELD%	38.13	REFUSE YIELD%	61.87
SG OF SEPARATION	1.544	ECART PROB. MOYEN	0.0361		
NEAR GRAVITY MAT	24.498	IMPERFECTION	0.023		
ORGANIC EFFCY.	94.25				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 43 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.79 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TMF	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.808	0.0	0.010	0.0	0.01
1.24	0.32	0.29	0.32	0.29	99.712	0.319	0.290	0.00	0.29
1.25	0.32	0.56	0.64	0.42	99.617	0.638	0.425	0.00	0.56
1.26	0.32	0.83	0.96	0.56	99.522	0.956	0.560	0.00	0.83
1.27	0.32	1.11	1.28	0.70	99.427	1.274	0.697	0.00	1.11
1.28	0.31	1.37	1.59	0.83	99.332	1.582	0.828	0.00	1.37
1.29	0.31	1.64	1.90	0.96	99.237	1.890	0.960	0.00	1.64
1.30	0.31	1.90	2.21	1.09	99.143	2.197	1.092	0.00	1.90
1.31	0.31	2.17	2.52	1.23	99.048	2.504	1.224	0.01	2.17
1.32	0.30	2.60	2.82	1.37	98.952	2.801	1.370	0.01	2.60
1.33	0.30	3.21	3.12	1.55	98.905	3.098	1.546	0.01	3.21
1.34	0.30	3.82	3.42	1.75	98.812	3.394	1.745	0.01	3.82
1.35	0.30	4.42	3.72	1.96	98.719	3.691	1.959	0.01	4.42
1.36	0.29	5.01	4.01	2.18	98.627	3.977	2.179	0.01	5.01
1.37	0.29	5.60	4.30	2.41	98.536	4.262	2.408	0.01	5.60
1.38	0.29	6.19	4.59	2.65	98.444	4.548	2.645	0.01	6.19
1.39	0.29	6.77	4.88	2.90	98.353	4.833	2.889	0.01	6.77
1.40	0.29	7.35	5.17	3.15	98.261	5.118	3.137	0.01	7.35
1.41	2.44	7.50	7.61	4.54	98.169	7.513	4.528	0.08	7.50
1.42	2.65	7.65	10.26	5.35	98.075	10.112	5.330	0.09	7.65
1.43	2.81	7.80	13.07	5.87	97.981	12.866	5.859	0.10	7.80
1.44	2.92	7.95	15.99	6.25	97.425	15.710	6.238	0.13	7.95
1.45	2.98	8.10	18.97	6.54	96.219	18.578	6.525	0.19	8.10
1.46	2.99	9.90	21.96	7.00	94.873	21.414	6.972	0.26	9.90
1.47	2.95	11.68	24.91	7.55	93.546	24.174	7.510	0.32	11.68
1.48	2.86	13.46	27.77	8.16	90.820	26.772	8.087	0.44	13.46
1.49	2.73	15.22	30.50	8.79	84.807	29.087	8.655	0.70	15.22
1.50	2.54	16.97	33.04	9.42	76.432	31.079	9.188	0.93	16.97
1.51	2.49	18.54	35.53	10.06	68.056	32.774	9.671	1.35	18.54
1.52	2.59	20.09	38.12	10.74	61.111	34.356	10.151	1.71	20.09
1.53	2.63	21.63	40.75	11.45	54.167	35.781	10.608	2.04	21.63
1.54	2.60	23.17	43.35	12.15	47.222	37.009	11.025	2.33	23.17
1.55	2.52	24.69	45.87	12.84	43.055	38.094	11.414	2.43	24.69
1.56	2.38	25.03	48.25	13.44	36.111	38.953	11.715	2.58	25.03
1.57	2.18	25.36	50.43	13.95	29.166	39.589	11.934	2.62	25.36
1.58	1.92	25.70	52.35	14.39	22.222	40.016	12.081	2.63	25.70
1.59	1.60	26.03	53.95	14.73	18.622	40.314	12.184	2.21	26.03
1.60	1.22	26.36	55.17	14.99	13.470	40.478	12.241	1.79	26.36
1.61	0.96	26.88	56.13	15.19	7.366	40.549	12.267	1.51	26.88
1.62	0.87	27.39	57.00	15.38	5.745	40.599	12.285	1.39	27.39
1.63	0.80	27.90	57.80	15.55	4.953	40.638	12.301	1.29	27.90
1.64	0.74	28.41	58.54	15.71	4.487	40.671	12.314	1.20	28.41
1.65	0.71	28.91	59.25	15.87	3.972	40.700	12.325	1.16	28.91
1.66	0.69	29.33	59.94	16.03	3.475	40.724	12.335	1.13	29.33
1.67	0.70	29.74	60.64	16.18	3.016	40.745	12.344	1.15	29.74
1.68	0.72	30.15	61.36	16.35	2.616	40.764	12.352	1.19	30.15
1.69	0.76	30.56	62.12	16.52	2.296	40.781	12.360	1.26	30.56
1.70	0.82	30.96	62.94	16.71	2.076	40.798	12.368	1.36	30.96

1.71	0.88	31.12	63.82	16.91	1.976	40.815	12.376	1.46	31.12
1.72	0.92	31.27	64.74	17.11	1.912	40.833	12.384	1.53	31.27
1.73	0.94	31.42	65.68	17.32	1.824	40.850	12.392	1.56	31.42
1.74	0.95	31.57	66.63	17.52	1.735	40.867	12.400	1.58	31.57
1.75	0.95	31.72	67.58	17.72	1.647	40.882	12.407	1.58	31.72
1.76	0.93	32.93	68.51	17.93	1.559	40.897	12.415	1.55	32.93
1.77	0.90	34.13	69.41	18.14	1.472	40.910	12.422	1.50	34.13
1.78	0.86	35.33	70.27	18.35	1.387	40.922	12.428	1.44	35.33
1.79	0.81	36.51	71.08	18.55	1.303	40.932	12.434	1.35	36.51
1.80	0.74	37.70	71.82	18.75	1.221	40.942	12.440	1.24	37.70
1.81	0.67	38.92	72.49	18.94	1.142	40.949	12.445	1.12	38.92
1.82	0.60	40.14	73.09	19.11	1.066	40.956	12.449	1.01	40.14
1.83	0.53	41.36	73.62	19.27	0.993	40.961	12.453	0.89	41.36
1.84	0.47	42.56	74.09	19.42	0.928	40.965	12.456	0.79	42.56
1.85	0.42	43.76	74.51	19.56	0.855	40.969	12.459	0.71	43.76
1.86	0.38	44.09	74.89	19.68	0.782	40.972	12.461	0.64	44.09
1.87	0.34	44.41	75.23	19.79	0.709	40.974	12.463	0.57	44.41
1.88	0.31	44.73	75.54	19.90	0.635	40.976	12.465	0.52	44.73
1.89	0.29	45.05	75.83	19.99	0.563	40.978	12.466	0.49	45.05
1.90	0.27	45.36	76.10	20.08	0.491	40.979	12.467	0.46	45.36
1.91	0.26	45.70	76.36	20.17	0.419	40.980	12.468	0.44	45.70
1.92	0.26	46.03	76.62	20.26	0.350	40.981	12.469	0.44	46.03
1.93	0.25	46.35	76.87	20.34	0.281	40.982	12.469	0.42	46.35
1.94	0.25	46.68	77.12	20.43	0.215	40.982	12.470	0.42	46.68
1.95	0.25	47.01	77.37	20.51	0.150	40.983	12.470	0.42	47.01
1.96	0.25	48.05	77.62	20.60	0.088	40.983	12.470	0.42	48.05
1.97	0.25	49.09	77.87	20.69	0.029	40.983	12.470	0.42	49.09
1.98	0.25	50.13	78.12	20.79	0.0	40.983	12.470	0.42	50.13
1.99	0.26	51.16	78.38	20.89	0.0	40.983	12.470	0.44	51.16
2.00	0.26	52.18	78.64	20.99	0.0	40.983	12.470	0.44	52.18
2.01	0.18	52.98	78.82	21.06	0.0	40.983	12.470	0.30	52.98
2.02	0.19	53.77	79.01	21.14	0.0	40.983	12.470	0.32	53.77
2.03	0.20	54.56	79.21	21.23	0.0	40.983	12.470	0.34	54.56
2.04	0.20	55.34	79.41	21.31	0.0	40.983	12.470	0.34	55.34
2.05	0.20	56.12	79.61	21.40	0.0	40.983	12.470	0.34	56.12
2.06	0.45	56.12	80.06	21.60	0.0	40.983	12.470	0.76	56.12
2.07	0.42	56.12	80.48	21.78	0.0	40.983	12.470	0.71	56.12
2.08	0.37	56.12	80.85	21.93	0.0	40.983	12.470	0.63	56.12
2.09	0.31	56.12	81.16	22.06	0.0	40.983	12.470	0.53	56.12
2.10	0.24	56.12	81.40	22.16	0.0	40.983	12.470	0.41	56.12
2.11	0.14	56.13	81.54	22.22	0.0	40.983	12.470	0.24	56.13
2.12	0.13	56.13	81.67	22.28	0.0	40.983	12.470	0.22	56.13
2.13	0.13	56.13	81.80	22.33	0.0	40.983	12.470	0.22	56.13
2.14	0.13	56.14	81.93	22.38	0.0	40.983	12.470	0.22	56.14
2.15	0.12	56.14	82.05	22.43	0.0	40.983	12.470	0.20	56.14
2.16	0.12	56.49	82.17	22.48	0.0	40.983	12.470	0.20	56.49
2.17	0.12	56.84	82.29	22.53	0.0	40.983	12.470	0.20	56.84
2.18	0.12	57.18	82.41	22.58	0.0	40.983	12.470	0.20	57.18
2.19	0.12	57.52	82.53	22.63	0.0	40.983	12.470	0.20	57.52
2.20	0.12	57.87	82.65	22.69	0.0	40.983	12.470	0.20	57.87
2.21	0.13	58.06	82.78	22.74	0.0	40.983	12.470	0.22	58.06
2.22	0.12	58.25	82.90	22.79	0.0	40.983	12.470	0.20	58.25
2.23	0.12	58.45	83.02	22.84	0.0	40.983	12.470	0.20	58.45
2.24	0.12	58.64	83.14	22.90	0.0	40.983	12.470	0.20	58.64
2.25	0.12	58.83	83.26	22.95	0.0	40.983	12.470	0.20	58.83
2.26	0.12	59.27	83.38	23.00	0.0	40.983	12.470	0.20	59.27
2.27	0.12	59.71	83.50	23.05	0.0	40.983	12.470	0.20	59.71
2.28	0.12	60.14	83.62	23.11	0.0	40.983	12.470	0.20	60.14
2.29	0.12	60.58	83.74	23.16	0.0	40.983	12.470	0.20	60.58
2.30	0.13	61.01	83.87	23.22	0.0	40.983	12.470	0.22	61.01

2.31	0.61	61.01	84.48	23.49	0.0	40.983	12.470	1.03	61.01
2.32	0.61	61.01	85.09	23.76	0.0	40.983	12.470	1.03	61.01
2.33	0.61	61.01	85.70	24.03	0.0	40.983	12.470	1.03	61.01
2.34	0.60	61.01	86.30	24.28	0.0	40.983	12.470	1.02	61.01
2.35	0.60	61.01	86.90	24.54	0.0	40.983	12.470	1.02	61.01
2.36	0.60	61.01	87.50	24.79	0.0	40.983	12.470	1.02	61.01
2.37	0.60	61.01	88.10	25.03	0.0	40.983	12.470	1.02	61.01
2.38	0.59	61.01	88.69	25.27	0.0	40.983	12.470	1.00	61.01
2.39	0.59	61.01	89.28	25.51	0.0	40.983	12.470	1.00	61.01
2.40	0.59	61.01	89.87	25.74	0.0	40.983	12.470	1.00	61.01
2.41	0.59	61.01	90.46	25.97	0.0	40.983	12.470	1.00	61.01
2.42	0.58	61.01	91.04	26.19	0.0	40.983	12.470	0.98	61.01
2.43	0.58	61.01	91.62	26.42	0.0	40.983	12.470	0.98	61.01
2.44	0.58	61.01	92.20	26.63	0.0	40.983	12.470	0.98	61.01
2.45	0.58	61.01	92.78	26.85	0.0	40.983	12.470	0.98	61.01
2.46	0.49	63.41	93.27	27.04	0.0	40.983	12.470	0.83	63.41
2.47	0.49	65.80	93.76	27.24	0.0	40.983	12.470	0.83	65.80
2.48	0.49	68.18	94.25	27.46	0.0	40.983	12.470	0.83	68.18
2.49	0.48	70.55	94.73	27.67	0.0	40.983	12.470	0.81	70.55
2.50	0.48	72.91	95.21	27.90	0.0	40.983	12.470	0.81	72.91
2.51	0.48	75.26	95.69	28.14	0.0	40.983	12.470	0.81	75.26
2.52	0.48	77.60	96.17	28.39	0.0	40.983	12.470	0.81	77.60
2.53	0.48	79.93	96.65	28.64	0.0	40.983	12.470	0.81	79.93
2.54	0.47	82.25	97.12	28.90	0.0	40.983	12.470	0.80	82.25
2.55	0.47	84.57	97.59	29.17	0.0	40.983	12.470	0.80	84.57
2.56	0.47	86.87	98.06	29.45	0.0	40.983	12.470	0.80	86.87
2.57	0.47	89.17	98.53	29.73	0.0	40.983	12.470	0.80	89.17
2.58	0.47	91.45	99.00	30.02	0.0	40.983	12.470	0.80	91.45
2.59	0.46	93.73	99.46	30.32	0.0	40.983	12.470	0.78	93.73
2.60	0.46	96.00	99.92	30.62	0.014	40.983	12.471	0.78	96.00

		CLEAN COAL ASH %	12.47	REFUSE ASH %	43.23
HEAD ASH %	30.62	CLEAN COAL YIELD%	40.98	REFUSE YIELD%	59.02
THEO. YIELD	44.53	ECART PROB. MOYEN	0.0361		
SG OF SEPARATION	1.546	IMPERFECTION	0.023		
NEAR GRAVITY MAT	41.490				
ORGANIC EFFCY.	92.04				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 1 WID: WA1 EQUIPE HMC SG-ASH 10.00 EP 0.087 SG 1.65

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.02 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	1.51	0.23	1.51	0.23	98.537	1.488	0.230	0.09	0.23
1.25	1.50	0.45	3.01	0.34	98.499	2.965	0.340	0.09	0.45
1.26	1.48	0.66	4.49	0.45	98.461	4.423	0.445	0.09	0.66
1.27	1.47	0.88	5.96	0.55	98.423	5.869	0.552	0.09	0.88
1.28	1.46	1.09	7.42	0.66	98.385	7.306	0.658	0.10	1.09
1.29	1.45	1.30	8.87	0.76	98.347	8.732	0.763	0.10	1.30
1.30	1.44	1.51	10.31	0.87	98.309	10.148	0.867	0.10	1.51
1.31	1.43	1.72	11.74	0.97	98.271	11.553	0.971	0.10	1.72
1.32	1.42	2.00	13.16	1.08	98.232	12.948	1.082	0.10	2.00
1.33	1.41	2.34	14.57	1.20	98.194	14.332	1.203	0.10	2.34
1.34	1.40	2.67	15.97	1.33	98.156	15.706	1.332	0.11	2.67
1.35	1.39	3.01	17.36	1.47	98.117	17.070	1.466	0.11	3.01
1.36	1.38	3.34	18.74	1.60	98.078	18.424	1.603	0.11	3.34
1.37	1.36	3.67	20.10	1.74	98.039	19.757	1.743	0.11	3.67
1.38	1.36	4.00	21.46	1.89	98.000	21.090	1.886	0.11	4.00
1.39	1.35	4.32	22.81	2.03	97.871	22.411	2.029	0.12	4.32
1.40	1.34	4.65	24.15	2.18	97.585	23.719	2.174	0.13	4.65
1.41	3.45	5.10	27.60	2.54	97.177	27.071	2.536	0.40	5.10
1.42	4.49	5.55	32.09	2.96	96.680	31.412	2.952	0.61	5.55
1.43	5.23	5.99	37.32	3.39	96.128	36.440	3.372	0.82	5.99
1.44	5.67	6.43	42.99	3.79	95.557	41.858	3.767	1.03	6.43
1.45	5.81	6.87	48.80	4.16	95.000	47.377	4.129	1.18	6.87
1.46	5.69	7.96	54.49	4.55	94.445	52.714	4.517	1.28	7.96
1.47	5.19	9.04	59.64	4.94	93.796	57.582	4.899	1.31	9.04
1.48	4.42	10.12	64.06	5.30	92.959	61.690	5.247	1.27	10.12
1.49	3.36	11.18	67.42	5.59	91.842	64.776	5.530	1.12	11.18
1.50	1.89	12.24	69.41	5.78	90.351	66.574	5.711	0.78	12.24
1.51	1.16	13.31	70.57	5.91	88.056	67.596	5.826	0.56	13.31
1.52	1.07	14.37	71.64	6.03	85.857	68.514	5.940	0.62	14.37
1.53	0.99	15.42	72.63	6.16	83.441	69.340	6.053	0.67	15.42
1.54	0.90	16.47	73.53	6.29	80.849	70.068	6.161	0.70	16.47
1.55	0.82	17.51	74.35	6.41	78.118	70.709	6.264	0.73	17.51
1.56	0.75	18.32	75.10	6.53	75.287	71.273	6.360	0.76	18.32
1.57	0.67	19.12	75.77	6.64	72.126	71.756	6.446	0.76	19.12
1.58	0.60	19.92	76.37	6.74	69.253	72.172	6.523	0.75	19.92
1.59	0.54	20.71	76.91	6.84	66.379	72.530	6.593	0.74	20.71
1.60	0.47	21.50	77.38	6.93	63.506	72.829	6.654	0.70	21.50
1.61	0.46	22.46	77.84	7.02	60.632	73.108	6.715	0.74	22.46
1.62	0.48	23.42	78.32	7.12	57.759	73.385	6.778	0.83	23.42
1.63	0.49	24.38	78.81	7.23	54.885	73.654	6.842	0.90	24.38
1.64	0.49	25.32	79.30	7.34	52.011	73.909	6.906	0.96	25.32
1.65	0.48	26.26	79.78	7.46	49.138	74.145	6.967	0.99	26.26
1.66	0.45	26.93	80.23	7.57	47.126	74.357	7.024	0.97	26.93
1.67	0.41	27.58	80.64	7.67	44.253	74.538	7.074	0.93	27.58
1.68	0.36	28.24	81.00	7.76	41.379	74.687	7.116	0.86	28.24
1.69	0.29	28.89	81.29	7.83	38.506	74.799	7.149	0.73	28.89
1.70	0.21	29.53	81.50	7.89	35.632	74.874	7.171	0.55	29.53

1.71	0.16	30.05	81.66	7.93	32.759	74.926	7.187	0.44	30.05
1.72	0.14	30.57	81.80	7.97	29.885	74.968	7.200	0.40	30.57
1.73	0.13	31.08	81.93	8.01	27.011	75.003	7.212	0.39	31.08
1.74	0.12	31.59	82.05	8.04	24.138	75.032	7.221	0.37	31.59
1.75	0.12	32.10	82.17	8.08	22.222	75.059	7.230	0.38	32.10
1.76	0.12	32.61	82.29	8.11	19.641	75.082	7.238	0.39	32.61
1.77	0.12	33.12	82.41	8.15	17.266	75.103	7.245	0.40	33.12
1.78	0.13	33.63	82.54	8.19	15.106	75.123	7.252	0.45	33.63
1.79	0.15	34.14	82.69	8.24	13.169	75.142	7.259	0.53	34.14
1.80	0.17	34.64	82.86	8.29	11.464	75.162	7.266	0.61	34.64
1.81	0.19	34.97	83.05	8.35	10.000	75.181	7.273	0.70	34.97
1.82	0.20	35.29	83.25	8.42	8.761	75.198	7.280	0.74	35.29
1.83	0.20	35.62	83.45	8.48	7.718	75.214	7.285	0.75	35.62
1.84	0.20	35.94	83.65	8.55	6.857	75.228	7.291	0.76	35.94
1.85	0.20	36.26	83.85	8.62	6.166	75.240	7.295	0.76	36.26
1.86	0.20	37.09	84.05	8.68	5.631	75.251	7.300	0.77	37.09
1.87	0.19	37.92	84.24	8.75	5.240	75.261	7.304	0.73	37.92
1.88	0.18	38.74	84.42	8.81	4.980	75.270	7.308	0.70	38.74
1.89	0.17	39.56	84.59	8.87	4.788	75.278	7.311	0.66	39.56
1.90	0.15	40.37	84.74	8.93	4.573	75.285	7.314	0.58	40.37
1.91	0.14	41.01	84.88	8.98	4.358	75.291	7.317	0.55	41.01
1.92	0.14	41.64	85.02	9.04	4.143	75.297	7.319	0.55	41.64
1.93	0.13	42.28	85.15	9.09	3.930	75.302	7.322	0.51	42.28
1.94	0.13	42.90	85.28	9.14	3.721	75.307	7.324	0.51	42.90
1.95	0.13	43.53	85.41	9.19	3.516	75.311	7.326	0.51	43.53
1.96	0.13	44.13	85.54	9.24	3.319	75.316	7.328	0.51	44.13
1.97	0.13	44.74	85.67	9.30	3.129	75.320	7.330	0.51	44.74
1.98	0.13	45.33	85.80	9.35	2.948	75.324	7.332	0.51	45.33
1.99	0.13	45.93	85.93	9.41	2.778	75.327	7.334	0.51	45.93
2.00	0.13	46.52	86.06	9.46	2.620	75.331	7.336	0.52	46.52
2.01	0.14	46.90	86.20	9.53	2.476	75.334	7.338	0.56	46.90
2.02	0.14	47.27	86.34	9.59	2.347	75.337	7.340	0.56	47.27
2.03	0.14	47.65	86.48	9.65	2.235	75.341	7.341	0.56	47.65
2.04	0.15	48.02	86.63	9.71	2.141	75.344	7.343	0.60	48.02
2.05	0.15	48.39	86.78	9.78	2.066	75.347	7.345	0.60	48.39
2.06	0.15	49.34	86.93	9.85	2.012	75.350	7.346	0.60	49.34
2.07	0.15	50.30	87.08	9.92	1.964	75.353	7.348	0.60	50.30
2.08	0.15	51.24	87.23	9.99	1.927	75.356	7.350	0.60	51.24
2.09	0.15	52.19	87.38	10.06	1.891	75.359	7.351	0.60	52.19
2.10	0.14	53.13	87.52	10.13	1.854	75.361	7.353	0.56	53.13
2.11	0.13	54.04	87.65	10.20	1.817	75.364	7.354	0.52	54.04
2.12	0.11	54.95	87.76	10.25	1.780	75.366	7.356	0.44	54.95
2.13	0.09	55.86	87.85	10.30	1.743	75.367	7.357	0.36	55.86
2.14	0.07	56.76	87.92	10.34	1.706	75.368	7.358	0.28	56.76
2.15	0.05	57.66	87.97	10.36	1.669	75.369	7.358	0.20	57.66
2.16	0.04	58.55	88.01	10.39	1.633	75.370	7.359	0.16	58.55
2.17	0.03	59.44	88.04	10.40	1.596	75.370	7.359	0.12	59.44
2.18	0.02	60.33	88.06	10.41	1.560	75.371	7.359	0.08	60.33
2.19	0.01	61.21	88.07	10.42	1.523	75.371	7.359	0.04	61.21
2.20	0.01	62.09	88.08	10.43	1.487	75.371	7.359	0.04	62.09
2.21	0.01	62.68	88.09	10.43	1.451	75.371	7.359	0.04	62.68
2.22	0.01	63.28	88.10	10.44	1.415	75.371	7.360	0.04	63.28
2.23	0.02	63.88	88.12	10.45	1.380	75.371	7.360	0.08	63.88
2.24	0.02	64.47	88.14	10.46	1.345	75.372	7.360	0.08	64.47
2.25	0.03	65.06	88.17	10.48	1.311	75.372	7.360	0.12	65.06
2.26	0.04	65.64	88.21	10.51	1.276	75.373	7.361	0.16	65.64
2.27	0.06	66.22	88.27	10.54	1.242	75.373	7.361	0.24	66.22
2.28	0.07	66.81	88.34	10.59	1.209	75.374	7.362	0.28	66.81
2.29	0.09	67.38	88.43	10.65	1.176	75.375	7.363	0.36	67.38
2.30	0.11	67.96	88.54	10.72	1.144	75.376	7.364	0.44	67.96

2.31	0.41	68.38	88.95	10.98	1.112	75.381	7.367	1.65	68.38
2.32	0.40	68.80	89.35	11.24	1.081	75.385	7.371	1.61	68.80
2.33	0.40	69.21	89.75	11.50	1.050	75.390	7.374	1.61	69.21
2.34	0.40	69.62	90.15	11.76	1.021	75.394	7.378	1.61	69.62
2.35	0.40	70.04	90.55	12.01	0.991	75.398	7.381	1.61	70.04
2.36	0.40	70.45	90.95	12.27	0.971	75.402	7.384	1.61	70.45
2.37	0.40	70.85	91.35	12.53	0.942	75.405	7.387	1.61	70.85
2.38	0.39	71.26	91.74	12.78	0.912	75.409	7.390	1.57	71.26
2.39	0.39	71.67	92.13	13.03	0.883	75.412	7.393	1.57	71.67
2.40	0.39	72.07	92.52	13.28	0.853	75.416	7.396	1.58	72.07
2.41	0.39	72.47	92.91	13.52	0.823	75.419	7.399	1.58	72.47
2.42	0.39	72.87	93.30	13.77	0.794	75.422	7.402	1.58	72.87
2.43	0.39	73.27	93.69	14.02	0.764	75.425	7.404	1.58	73.27
2.44	0.38	73.67	94.07	14.26	0.734	75.428	7.407	1.54	73.67
2.45	0.38	74.06	94.45	14.50	0.704	75.430	7.409	1.54	74.06
2.46	0.38	75.56	94.83	14.75	0.674	75.433	7.411	1.54	75.56
2.47	0.38	77.06	95.21	15.00	0.645	75.435	7.414	1.54	77.06
2.48	0.38	78.55	95.59	15.25	0.615	75.438	7.416	1.54	78.55
2.49	0.38	80.04	95.97	15.50	0.585	75.440	7.418	1.54	80.04
2.50	0.37	81.52	96.34	15.76	0.555	75.442	7.420	1.50	81.52
2.51	0.37	82.99	96.71	16.02	0.526	75.444	7.422	1.50	82.99
2.52	0.37	84.46	97.08	16.28	0.496	75.446	7.424	1.50	84.46
2.53	0.37	85.92	97.45	16.54	0.467	75.447	7.426	1.50	85.92
2.54	0.37	87.38	97.82	16.81	0.437	75.449	7.427	1.50	87.38
2.55	0.37	88.83	98.19	17.08	0.408	75.451	7.429	1.50	88.83
2.56	0.37	90.28	98.56	17.35	0.379	75.452	7.431	1.50	90.28
2.57	0.36	91.72	98.92	17.63	0.350	75.453	7.432	1.46	91.72
2.58	0.36	93.15	99.28	17.90	0.321	75.454	7.433	1.46	93.15
2.59	0.36	94.58	99.64	18.18	0.292	75.455	7.435	1.46	94.58
2.60	0.36	96.00	100.00	18.46	0.264	75.456	7.436	1.46	96.00

		CLEAN COAL ASH %	7.44	REFUSE ASH %	52.34
HEAD ASH %	18.46	CLEAN COAL YIELD%	75.46	REFUSE YIELD%	24.54
THEO. YIELD	79.69	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.648	IMPERFECTION	0.053		
NEAR GRAVITY MAT	7.950				
ORGANIC EFFCY.	94.69				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC ODH82001 SID: 3 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 23.00 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.97	0.49	0.97	0.49	98.537	0.956	0.490	0.06	0.49
1.25	0.97	0.96	1.94	0.72	98.499	1.911	0.725	0.06	0.96
1.26	0.96	1.42	2.90	0.96	98.461	2.856	0.955	0.06	1.42
1.27	0.95	1.89	3.85	1.19	98.423	3.791	1.186	0.06	1.89
1.28	0.94	2.35	4.79	1.41	98.385	4.716	1.414	0.06	2.35
1.29	0.94	2.80	5.73	1.64	98.347	5.641	1.641	0.06	2.80
1.30	0.93	3.26	6.66	1.87	98.309	6.555	1.867	0.06	3.26
1.31	0.92	3.71	7.58	2.09	98.271	7.459	2.090	0.06	3.71
1.32	0.92	3.96	8.50	2.29	98.232	8.363	2.292	0.06	3.96
1.33	0.91	4.00	9.41	2.46	98.194	9.256	2.457	0.06	4.00
1.34	0.90	4.05	10.31	2.60	98.156	10.140	2.596	0.07	4.05
1.35	0.89	4.10	11.20	2.72	98.117	11.013	2.715	0.07	4.10
1.36	0.89	4.15	12.09	2.82	98.078	11.886	2.821	0.07	4.15
1.37	0.88	4.20	12.97	2.92	98.039	12.749	2.914	0.07	4.20
1.38	0.88	4.24	13.85	3.00	98.000	13.611	2.998	0.07	4.24
1.39	0.87	4.29	14.72	3.08	97.871	14.463	3.074	0.07	4.29
1.40	0.86	4.34	15.58	3.15	97.585	15.302	3.143	0.08	4.34
1.41	3.26	4.44	18.84	3.37	97.177	18.470	3.366	0.36	4.44
1.42	4.12	4.54	22.96	3.58	96.680	22.453	3.574	0.54	4.54
1.43	4.74	4.64	27.70	3.76	96.128	27.009	3.754	0.72	4.64
1.44	5.11	4.74	32.81	3.91	95.557	31.892	3.905	0.89	4.74
1.45	5.25	4.84	38.06	4.04	95.000	36.880	4.031	1.03	4.84
1.46	5.16	5.73	43.22	4.24	94.445	41.753	4.230	1.12	5.73
1.47	4.82	6.61	48.04	4.48	93.796	46.274	4.462	1.17	6.61
1.48	4.24	7.48	52.28	4.72	92.959	50.216	4.699	1.17	7.48
1.49	3.43	8.35	55.71	4.95	91.842	53.366	4.915	1.10	8.35
1.50	2.37	9.21	58.08	5.12	90.351	55.507	5.080	0.90	9.21
1.51	1.74	9.95	59.82	5.26	88.056	57.039	5.211	0.82	9.95
1.52	1.70	10.69	61.52	5.41	85.857	58.499	5.348	0.94	10.69
1.53	1.65	11.42	63.17	5.57	83.441	59.876	5.487	1.07	11.42
1.54	1.60	12.14	64.77	5.73	80.849	61.169	5.628	1.20	12.14
1.55	1.55	12.86	66.32	5.90	78.118	62.380	5.768	1.33	12.86
1.56	1.50	13.47	67.82	6.06	75.287	63.509	5.905	1.45	13.47
1.57	1.45	14.07	69.27	6.23	72.126	64.555	6.038	1.59	14.07
1.58	1.40	14.66	70.67	6.40	69.253	65.525	6.165	1.69	14.66
1.59	1.35	15.26	72.02	6.57	66.379	66.421	6.288	1.78	15.26
1.60	1.30	15.85	73.32	6.73	63.506	67.247	6.405	1.86	15.85
1.61	1.29	16.39	74.61	6.90	60.632	68.029	6.520	1.99	16.39
1.62	1.33	16.92	75.94	7.07	57.759	68.797	6.636	2.20	16.92
1.63	1.34	17.45	77.28	7.25	54.885	69.532	6.751	2.37	17.45
1.64	1.33	17.98	78.61	7.43	52.011	70.224	6.861	2.50	17.98
1.65	1.31	18.51	79.92	7.62	49.138	70.868	6.967	2.61	18.51
1.66	1.26	19.34	81.18	7.80	47.126	71.462	7.070	2.61	19.34
1.67	1.19	20.17	82.37	7.98	44.253	71.988	7.166	2.60	20.17
1.68	1.11	21.00	83.48	8.15	41.379	72.448	7.253	2.55	21.00
1.69	1.00	21.82	84.48	8.31	38.506	72.833	7.330	2.41	21.82
1.70	0.87	22.64	85.35	8.46	35.632	73.143	7.395	2.20	22.64

1.71	0.76	23.57	86.11	8.59	32.759	73.392	7.450	2.00	23.57
1.72	0.68	24.49	86.79	8.72	29.885	73.595	7.497	1.87	24.49
1.73	0.61	25.41	87.40	8.83	27.011	73.760	7.537	1.75	25.41
1.74	0.54	26.33	87.94	8.94	24.138	73.890	7.570	1.61	26.33
1.75	0.47	27.23	88.41	9.04	22.222	73.994	7.598	1.43	27.23
1.76	0.42	27.98	88.83	9.13	19.641	74.077	7.621	1.32	27.98
1.77	0.36	28.71	89.19	9.21	17.266	74.139	7.639	1.17	28.71
1.78	0.32	29.45	89.51	9.28	15.106	74.187	7.653	1.07	29.45
1.79	0.27	30.18	89.78	9.34	13.169	74.223	7.664	0.92	30.18
1.80	0.24	30.90	90.02	9.40	11.464	74.250	7.672	0.83	30.90
1.81	0.22	31.83	90.24	9.45	10.000	74.272	7.679	0.78	31.83
1.82	0.22	32.75	90.46	9.51	8.761	74.292	7.686	0.79	32.75
1.83	0.22	33.66	90.68	9.57	7.718	74.309	7.692	0.80	33.66
1.84	0.22	34.57	90.90	9.63	6.857	74.324	7.697	0.80	34.57
1.85	0.21	35.48	91.11	9.69	6.166	74.337	7.702	0.77	35.48
1.86	0.20	36.07	91.31	9.75	5.631	74.348	7.706	0.74	36.07
1.87	0.19	36.66	91.50	9.80	5.240	74.358	7.710	0.71	36.66
1.88	0.17	37.25	91.67	9.85	4.980	74.366	7.714	0.63	37.25
1.89	0.16	37.83	91.83	9.90	4.788	74.374	7.717	0.60	37.83
1.90	0.14	38.41	91.97	9.94	4.573	74.380	7.719	0.52	38.41
1.91	0.12	38.70	92.09	9.98	4.358	74.386	7.722	0.45	38.70
1.92	0.12	38.99	92.21	10.02	4.143	74.391	7.724	0.45	38.99
1.93	0.11	39.28	92.32	10.05	3.930	74.395	7.726	0.41	39.28
1.94	0.11	39.57	92.43	10.09	3.721	74.399	7.727	0.42	39.57
1.95	0.11	39.85	92.54	10.13	3.516	74.403	7.729	0.42	39.85
1.96	0.11	41.03	92.65	10.16	3.319	74.407	7.731	0.42	41.03
1.97	0.11	42.21	92.76	10.20	3.129	74.410	7.732	0.42	42.21
1.98	0.12	43.38	92.88	10.24	2.948	74.414	7.734	0.46	43.38
1.99	0.13	44.54	93.01	10.29	2.778	74.417	7.736	0.50	44.54
2.00	0.14	45.70	93.15	10.34	2.620	74.421	7.738	0.53	45.70
2.01	0.14	46.59	93.29	10.40	2.476	74.424	7.739	0.54	46.59
2.02	0.15	47.48	93.44	10.46	2.347	74.428	7.741	0.57	47.48
2.03	0.16	48.36	93.60	10.52	2.235	74.431	7.743	0.61	48.36
2.04	0.16	49.24	93.76	10.59	2.141	74.435	7.745	0.61	49.24
2.05	0.16	50.11	93.92	10.66	2.066	74.438	7.747	0.61	50.11
2.06	0.16	50.75	94.08	10.72	2.012	74.441	7.749	0.62	50.75
2.07	0.16	51.38	94.24	10.79	1.964	74.444	7.751	0.62	51.38
2.08	0.15	52.01	94.39	10.86	1.927	74.447	7.752	0.58	52.01
2.09	0.15	52.64	94.54	10.92	1.891	74.450	7.754	0.58	52.64
2.10	0.14	53.27	94.68	10.99	1.854	74.453	7.756	0.54	53.27
2.11	0.13	53.27	94.81	11.05	1.817	74.456	7.757	0.50	53.27
2.12	0.13	53.27	94.94	11.10	1.780	74.457	7.759	0.50	53.27
2.13	0.13	53.27	95.07	11.16	1.743	74.460	7.760	0.50	53.27
2.14	0.13	53.27	95.20	11.22	1.706	74.462	7.761	0.50	53.27
2.15	0.13	53.27	95.33	11.28	1.669	74.464	7.763	0.50	53.27
2.16	0.13	53.27	95.46	11.33	1.633	74.466	7.764	0.50	53.27
2.17	0.13	53.27	95.59	11.39	1.596	74.468	7.765	0.50	53.27
2.18	0.12	53.27	95.71	11.44	1.560	74.470	7.766	0.46	53.27
2.19	0.12	53.27	95.83	11.49	1.523	74.472	7.767	0.46	53.27
2.20	0.12	53.27	95.95	11.55	1.487	74.474	7.769	0.46	53.27
2.21	0.12	53.27	96.07	11.60	1.451	74.476	7.770	0.46	53.27
2.22	0.12	53.27	96.19	11.65	1.415	74.477	7.771	0.46	53.27
2.23	0.12	53.27	96.31	11.70	1.380	74.479	7.772	0.46	53.27
2.24	0.12	53.27	96.43	11.75	1.345	74.481	7.773	0.46	53.27
2.25	0.12	53.27	96.55	11.81	1.311	74.482	7.774	0.46	53.27
2.26	0.12	53.27	96.67	11.86	1.276	74.484	7.775	0.46	53.27
2.27	0.12	53.27	96.79	11.91	1.242	74.485	7.775	0.46	53.27
2.28	0.12	53.28	96.91	11.96	1.209	74.487	7.776	0.47	53.28
2.29	0.12	53.28	97.03	12.01	1.176	74.488	7.777	0.47	53.28
2.30	0.12	53.28	97.15	12.06	1.144	74.489	7.778	0.47	53.28

2.31	0.12	53.28	97.27	12.11	1.112	74.491	7.779	0.47	53.28
2.32	0.12	53.28	97.39	12.16	1.081	74.492	7.780	0.47	53.28
2.33	0.12	53.28	97.51	12.21	1.050	74.493	7.780	0.47	53.28
2.34	0.12	53.28	97.63	12.27	1.021	74.494	7.781	0.47	53.28
2.35	0.12	53.28	97.75	12.32	0.991	74.496	7.782	0.47	53.28
2.36	0.09	55.07	97.84	12.35	0.971	74.497	7.782	0.35	55.07
2.37	0.09	56.86	97.93	12.40	0.942	74.497	7.783	0.35	56.86
2.38	0.09	58.64	98.02	12.44	0.912	74.498	7.784	0.35	58.64
2.39	0.09	60.41	98.11	12.48	0.883	74.499	7.784	0.35	60.41
2.40	0.09	62.17	98.20	12.53	0.853	74.500	7.785	0.35	62.17
2.41	0.09	63.93	98.29	12.57	0.823	74.500	7.785	0.35	63.93
2.42	0.09	65.68	98.38	12.62	0.794	74.501	7.786	0.35	65.68
2.43	0.09	67.42	98.47	12.67	0.764	74.502	7.786	0.35	67.42
2.44	0.09	69.16	98.56	12.73	0.734	74.503	7.787	0.35	69.16
2.45	0.09	70.89	98.65	12.78	0.704	74.503	7.787	0.35	70.89
2.46	0.09	72.61	98.74	12.83	0.674	74.504	7.788	0.35	72.61
2.47	0.09	74.32	98.83	12.89	0.645	74.504	7.789	0.35	74.32
2.48	0.09	76.03	98.92	12.95	0.615	74.505	7.789	0.35	76.03
2.49	0.09	77.73	99.01	13.01	0.585	74.505	7.790	0.35	77.73
2.50	0.09	79.43	99.10	13.07	0.555	74.506	7.790	0.35	79.43
2.51	0.09	81.11	99.19	13.13	0.526	74.506	7.790	0.35	81.11
2.52	0.09	82.79	99.28	13.19	0.496	74.507	7.791	0.35	82.79
2.53	0.09	84.47	99.37	13.25	0.467	74.507	7.791	0.35	84.47
2.54	0.09	86.13	99.46	13.32	0.437	74.508	7.792	0.35	86.13
2.55	0.09	87.79	99.55	13.39	0.408	74.508	7.792	0.35	87.79
2.56	0.09	89.45	99.64	13.46	0.379	74.508	7.793	0.35	89.45
2.57	0.09	91.10	99.73	13.53	0.350	74.509	7.793	0.35	91.10
2.58	0.09	92.74	99.82	13.60	0.321	74.509	7.793	0.35	92.74
2.59	0.09	94.37	99.91	13.67	0.292	74.509	7.794	0.35	94.37
2.60	0.09	96.00	100.00	13.75	0.264	74.510	7.794	0.35	96.00

		CLEAN COAL ASH %	7.79	REFUSE ASH %	31.14
HEAD ASH %	13.75	CLEAN COAL YIELD%	74.51	REFUSE YIELD%	25.49
THEO. YIELD	81.15	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.860	IMPERFECTION	0.093		
NEAR GRAVITY MAT	21.032				
ORGANIC EFFCY.	91.81				

(2)

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 7 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.36 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ELEMENTAL ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.65	0.24	0.65	0.24	98.537	0.640	0.240	0.02	0.24
1.25	0.65	0.47	1.30	0.35	98.499	1.281	0.355	0.02	0.47
1.26	0.64	0.69	1.94	0.47	98.461	1.911	0.465	0.02	0.69
1.27	0.64	0.91	2.58	0.58	98.423	2.541	0.576	0.02	0.91
1.28	0.63	1.14	3.21	0.69	98.385	3.161	0.686	0.02	1.14
1.29	0.63	1.36	3.84	0.80	98.347	3.780	0.797	0.02	1.36
1.30	0.62	1.57	4.46	0.90	98.309	4.390	0.904	0.02	1.57
1.31	0.62	1.79	5.08	1.01	98.271	4.999	1.012	0.02	1.79
1.32	0.61	2.05	5.69	1.12	98.232	5.598	1.123	0.02	2.05
1.33	0.61	2.36	6.30	1.24	98.194	6.197	1.243	0.02	2.36
1.34	0.60	2.67	6.90	1.37	98.156	6.786	1.367	0.02	2.67
1.35	0.60	2.98	7.50	1.50	98.117	7.375	1.495	0.03	2.98
1.36	0.60	3.28	8.10	1.63	98.078	7.963	1.627	0.03	3.28
1.37	0.59	3.58	8.69	1.76	98.039	8.542	1.759	0.03	3.58
1.38	0.59	3.88	9.28	1.90	98.000	9.120	1.894	0.03	3.88
1.39	0.58	4.18	9.86	2.03	97.871	9.688	2.028	0.03	4.18
1.40	0.58	4.47	10.44	2.17	97.585	10.254	2.163	0.03	4.47
1.41	2.45	4.68	12.89	2.64	97.177	12.634	2.637	0.15	4.68
1.42	3.08	4.89	15.97	3.08	96.680	15.612	3.067	0.23	4.89
1.43	3.53	5.10	19.50	3.44	96.128	19.005	3.430	0.30	5.10
1.44	3.82	5.31	23.32	3.75	95.557	22.656	3.733	0.38	5.31
1.45	3.93	5.51	27.25	4.00	95.000	26.389	3.984	0.44	5.51
1.46	3.87	6.43	31.12	4.30	94.445	30.044	4.282	0.48	6.43
1.47	3.65	7.35	34.77	4.62	93.796	33.468	4.596	0.50	7.35
1.48	3.25	8.26	38.02	4.94	92.959	36.489	4.899	0.51	8.26
1.49	2.68	9.17	40.70	5.21	91.842	38.950	5.169	0.48	9.17
1.50	1.94	10.06	42.64	5.43	90.351	40.703	5.380	0.41	10.06
1.51	1.49	10.96	44.13	5.62	88.056	42.015	5.554	0.39	10.96
1.52	1.44	11.85	45.57	5.82	85.857	43.252	5.734	0.45	11.85
1.53	1.39	12.74	46.96	6.02	83.441	44.411	5.917	0.51	12.74
1.54	1.33	13.62	48.29	6.23	80.849	45.487	6.099	0.56	13.62
1.55	1.26	14.49	49.55	6.44	78.118	46.471	6.277	0.61	14.49
1.56	1.19	15.08	50.74	6.64	75.287	47.367	6.443	0.65	15.08
1.57	1.11	15.66	51.85	6.84	72.126	48.167	6.596	0.69	15.66
1.58	1.03	16.24	52.88	7.02	69.253	48.881	6.737	0.70	16.24
1.59	0.95	16.81	53.83	7.19	66.379	49.511	6.865	0.71	16.81
1.60	0.86	17.38	54.69	7.35	63.506	50.058	6.980	0.70	17.38
1.61	0.83	17.97	55.52	7.51	60.632	50.561	7.089	0.72	17.97
1.62	0.86	18.55	56.38	7.68	57.759	51.058	7.201	0.80	18.55
1.63	0.87	19.13	57.25	7.85	54.885	51.535	7.311	0.87	19.13
1.64	0.86	19.70	58.11	8.03	52.011	51.982	7.418	0.91	19.70
1.65	0.83	20.27	58.94	8.20	49.138	52.390	7.518	0.94	20.27
1.66	0.78	21.28	59.72	8.37	47.126	52.758	7.614	0.91	21.28
1.67	0.71	22.27	60.43	8.54	44.253	53.072	7.701	0.88	22.27
1.68	0.63	23.26	61.06	8.69	41.379	53.333	7.777	0.82	23.26
1.69	0.52	24.25	61.58	8.82	38.506	53.533	7.838	0.71	24.25
1.70	0.40	25.23	61.98	8.93	35.632	53.675	7.885	0.57	25.23

1.71	0.32	26.07	62.30	9.01	32.759	53.780	7.920	0.48	26.07
1.72	0.31	26.91	62.61	9.10	29.885	53.873	7.953	0.48	26.91
1.73	0.30	27.75	62.91	9.19	27.011	53.954	7.982	0.49	27.75
1.74	0.29	28.58	63.20	9.28	24.138	54.024	8.009	0.49	28.58
1.75	0.29	29.40	63.49	9.37	22.222	54.088	8.035	0.50	29.40
1.76	0.29	30.12	63.78	9.47	19.641	54.145	8.058	0.52	30.12
1.77	0.29	30.84	64.07	9.56	17.266	54.195	8.079	0.53	30.84
1.78	0.30	31.55	64.37	9.67	15.106	54.241	8.099	0.56	31.55
1.79	0.31	32.26	64.68	9.77	13.169	54.282	8.117	0.60	32.26
1.80	0.32	32.96	65.00	9.89	11.464	54.318	8.134	0.63	32.96
1.81	0.33	33.52	65.33	10.01	10.000	54.351	8.149	0.66	33.52
1.82	0.33	34.08	65.66	10.13	8.761	54.380	8.163	0.67	34.08
1.83	0.34	34.63	66.00	10.25	7.718	54.406	8.175	0.70	34.63
1.84	0.34	35.18	66.34	10.38	6.857	54.430	8.187	0.70	35.18
1.85	0.34	35.73	66.68	10.51	6.166	54.451	8.198	0.71	35.73
1.86	0.34	36.49	67.02	10.64	5.631	54.470	8.208	0.71	36.49
1.87	0.39	37.24	67.35	10.77	5.240	54.487	8.217	0.69	37.24
1.88	0.33	37.99	67.68	10.91	4.980	54.503	8.226	0.69	37.99
1.89	0.32	38.73	68.00	11.04	4.788	54.519	8.234	0.68	38.73
1.90	0.31	39.47	68.31	11.17	4.573	54.533	8.243	0.66	39.47
1.91	0.28	39.89	68.59	11.28	4.358	54.545	8.250	0.59	39.89
1.92	0.24	40.31	68.83	11.38	4.143	54.555	8.255	0.51	40.31
1.93	0.20	40.72	69.03	11.47	3.930	54.563	8.260	0.43	40.72
1.94	0.18	41.14	69.21	11.55	3.721	54.570	8.264	0.38	41.14
1.95	0.17	41.55	69.38	11.62	3.516	54.576	8.268	0.36	41.55
1.96	0.16	42.71	69.54	11.69	3.319	54.581	8.271	0.34	42.71
1.97	0.16	43.86	69.70	11.77	3.129	54.586	8.274	0.34	43.86
1.98	0.17	45.01	69.87	11.85	2.948	54.591	8.278	0.37	45.01
1.99	0.19	46.15	70.06	11.94	2.778	54.596	8.281	0.41	46.15
2.00	0.22	47.29	70.28	12.05	2.620	54.602	8.286	0.47	47.29
2.01	0.25	48.15	70.53	12.18	2.476	54.608	8.290	0.54	48.15
2.02	0.28	49.01	70.81	12.32	2.347	54.615	8.295	0.61	49.01
2.03	0.30	49.86	71.11	12.48	2.235	54.621	8.300	0.65	49.86
2.04	0.31	50.71	71.42	12.65	2.141	54.628	8.305	0.67	50.71
2.05	0.32	51.56	71.74	12.82	2.066	54.635	8.310	0.69	51.56
2.06	0.32	52.35	72.06	13.00	2.012	54.641	8.316	0.69	52.35
2.07	0.32	53.14	72.38	13.17	1.964	54.647	8.321	0.70	53.14
2.08	0.32	53.93	72.70	13.35	1.927	54.654	8.326	0.70	53.93
2.09	0.30	54.71	73.00	13.52	1.891	54.659	8.331	0.65	54.71
2.10	0.29	55.49	73.29	13.69	1.854	54.665	8.335	0.63	55.49
2.11	0.25	56.15	73.54	13.83	1.817	54.669	8.339	0.54	56.15
2.12	0.21	56.80	73.75	13.96	1.780	54.673	8.343	0.46	56.80
2.13	0.17	57.45	73.92	14.06	1.743	54.676	8.345	0.37	57.45
2.14	0.14	58.10	74.06	14.14	1.706	54.678	8.348	0.30	58.10
2.15	0.11	58.75	74.17	14.21	1.669	54.680	8.349	0.24	58.75
2.16	0.09	59.39	74.26	14.26	1.633	54.682	8.351	0.20	59.39
2.17	0.07	60.03	74.33	14.30	1.596	54.683	8.352	0.15	60.03
2.18	0.05	60.66	74.38	14.34	1.560	54.684	8.352	0.11	60.66
2.19	0.04	61.30	74.42	14.36	1.523	54.684	8.353	0.09	61.30
2.20	0.04	61.93	74.46	14.39	1.487	54.685	8.354	0.09	61.93
2.21	0.03	62.71	74.49	14.41	1.451	54.685	8.354	0.07	62.71
2.22	0.04	63.49	74.53	14.43	1.415	54.686	8.355	0.09	63.49
2.23	0.05	64.27	74.58	14.47	1.380	54.686	8.355	0.11	64.27
2.24	0.06	65.04	74.64	14.51	1.345	54.687	8.356	0.13	65.04
2.25	0.08	65.81	74.72	14.56	1.311	54.688	8.357	0.17	65.81
2.26	0.10	66.57	74.82	14.63	1.276	54.690	8.359	0.22	66.57
2.27	0.13	67.34	74.95	14.72	1.242	54.691	8.360	0.28	67.34
2.28	0.16	68.10	75.11	14.84	1.209	54.693	8.363	0.35	68.10
2.29	0.20	68.85	75.31	14.98	1.176	54.695	8.365	0.44	68.85
2.30	0.24	69.60	75.55	15.15	1.144	54.698	8.368	0.53	69.60

2.31	0.87	70.13	76.42	15.78	1.112	54.708	8.379	1.91	70.13
2.32	0.86	70.64	77.28	16.39	1.081	54.717	8.390	1.88	70.64
2.33	0.86	71.16	78.14	16.99	1.050	54.726	8.400	1.89	71.16
2.34	0.85	71.68	78.99	17.58	1.021	54.735	8.410	1.86	71.68
2.35	0.85	72.19	79.84	18.16	0.991	54.743	8.420	1.86	72.19
2.36	0.85	72.70	80.69	18.74	0.971	54.752	8.430	1.87	72.70
2.37	0.84	73.21	81.53	19.30	0.942	54.759	8.439	1.84	73.21
2.38	0.84	73.72	82.37	19.85	0.912	54.767	8.448	1.84	73.72
2.39	0.84	74.22	83.21	20.40	0.883	54.775	8.457	1.84	74.22
2.40	0.83	74.72	84.04	20.94	0.853	54.782	8.466	1.82	74.72
2.41	0.83	75.22	84.87	21.47	0.823	54.788	8.474	1.82	75.22
2.42	0.83	75.72	85.70	21.99	0.794	54.795	8.482	1.82	75.72
2.43	0.82	76.22	86.52	22.51	0.764	54.801	8.490	1.80	76.22
2.44	0.82	76.71	87.34	23.02	0.734	54.807	8.497	1.80	76.71
2.45	0.82	77.20	88.16	23.52	0.704	54.813	8.504	1.80	77.20
2.46	0.81	78.49	88.97	24.02	0.674	54.819	8.511	1.78	78.49
2.47	0.81	79.78	89.78	24.52	0.645	54.824	8.518	1.78	79.78
2.48	0.81	81.05	90.59	25.03	0.615	54.829	8.525	1.78	81.05
2.49	0.80	82.33	91.39	25.53	0.585	54.833	8.531	1.76	82.33
2.50	0.80	83.59	92.19	26.04	0.555	54.838	8.537	1.76	83.59
2.51	0.80	84.86	92.99	26.54	0.526	54.842	8.543	1.76	84.86
2.52	0.79	86.11	93.78	27.04	0.496	54.846	8.549	1.74	86.11
2.53	0.79	87.37	94.57	27.55	0.467	54.850	8.554	1.74	87.37
2.54	0.79	88.61	95.36	28.05	0.437	54.853	8.559	1.74	88.61
2.55	0.78	89.86	96.14	28.55	0.408	54.856	8.564	1.72	89.86
2.56	0.78	91.10	96.92	29.06	0.379	54.859	8.568	1.72	91.10
2.57	0.78	92.33	97.70	29.56	0.350	54.862	8.572	1.72	92.33
2.58	0.77	93.56	98.47	30.06	0.321	54.864	8.576	1.70	93.56
2.59	0.77	94.78	99.24	30.57	0.292	54.867	8.580	1.70	94.78
2.60	0.77	96.00	100.01	31.07	0.264	54.869	8.583	1.70	96.00

		CLEAN COAL ASH %	8.58	REFUSE ASH %	58.41
HEAD ASH %	31.07	CLEAN COAL YIELD%	54.87	REFUSE YIELD%	45.13
THEO. YIELD	60.62	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.673	IMPERFECTION	0.053		
NEAR GRAVITY MAT	11.997				
ORGANIC EFFCY.	90.51				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 12 WID: WA1 / EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 21.95 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	1.20	0.23	1.20	0.23	98.537	1.182	0.230	0.13	0.23
1.25	1.33	0.45	2.53	0.35	98.499	2.492	0.346	0.14	0.45
1.26	1.46	0.67	3.99	0.46	98.461	3.930	0.464	0.16	0.67
1.27	1.58	0.89	5.57	0.59	98.423	5.485	0.585	0.18	0.89
1.28	1.69	1.11	7.26	0.71	98.385	7.148	0.707	0.20	1.11
1.29	1.81	1.32	9.07	0.83	98.347	8.928	0.829	0.21	1.32
1.30	1.92	1.53	10.99	0.95	98.309	10.815	0.952	0.23	1.53
1.31	2.03	1.74	13.02	1.07	98.271	12.810	1.074	0.25	1.74
1.32	2.14	1.97	15.16	1.20	98.232	14.912	1.201	0.27	1.97
1.33	2.24	2.21	17.40	1.33	98.194	17.112	1.330	0.29	2.21
1.34	2.34	2.45	19.74	1.46	98.156	19.409	1.463	0.31	2.45
1.35	2.43	2.69	22.17	1.60	98.117	21.793	1.597	0.33	2.69
1.36	2.52	2.93	24.69	1.73	98.078	24.265	1.733	0.35	2.93
1.37	2.61	3.17	27.30	1.87	98.039	26.823	1.870	0.37	3.17
1.38	2.70	3.40	30.00	2.01	98.000	29.469	2.007	0.39	3.40
1.39	2.78	3.63	32.78	2.15	97.871	32.190	2.145	0.42	3.63
1.40	2.86	3.86	35.64	2.28	97.585	34.981	2.281	0.49	3.86
1.41	3.27	3.91	38.91	2.42	97.177	38.159	2.417	0.66	3.91
1.42	3.88	3.96	42.79	2.56	96.680	41.910	2.555	0.92	3.96
1.43	4.33	4.01	47.12	2.69	96.128	46.072	2.687	1.20	4.01
1.44	4.61	4.06	51.73	2.82	95.557	50.478	2.806	1.46	4.06
1.45	4.72	4.11	56.45	2.82	95.000	54.962	2.913	1.69	4.11
1.46	4.66	5.11	61.11	3.09	94.445	59.363	3.076	1.85	5.11
1.47	4.43	6.10	65.54	3.29	93.796	63.518	3.274	1.97	6.10
1.48	4.03	7.09	69.57	3.51	92.959	67.264	3.486	2.03	7.09
1.49	3.46	8.07	73.03	3.73	91.842	70.442	3.693	2.02	8.07
1.50	2.73	9.04	75.76	3.92	90.351	72.909	3.874	1.88	9.04
1.51	2.22	10.27	77.98	4.10	88.056	74.863	4.041	1.90	10.27
1.52	2.04	11.49	80.02	4.29	85.857	76.615	4.211	2.06	11.49
1.53	1.86	12.70	81.88	4.48	83.441	78.167	4.380	2.20	12.70
1.54	1.67	13.90	83.55	4.67	80.849	79.517	4.541	2.29	13.90
1.55	1.48	15.10	85.03	4.85	78.118	80.673	4.693	2.32	15.10
1.56	1.29	15.84	86.32	5.01	75.287	81.644	4.825	2.28	15.84
1.57	1.09	16.57	87.41	5.16	72.126	82.431	4.937	2.17	16.57
1.58	0.89	17.30	88.30	5.28	69.253	83.047	5.029	1.96	17.30
1.59	0.69	18.02	88.99	5.38	66.379	83.505	5.100	1.66	18.02
1.60	0.48	18.74	89.47	5.45	63.506	83.810	5.150	1.25	18.74
1.61	0.38	19.71	89.85	5.51	60.632	84.040	5.190	1.07	19.71
1.62	0.38	20.68	90.23	5.58	57.759	84.260	5.230	1.15	20.68
1.63	0.37	21.65	90.60	5.64	54.885	84.463	5.270	1.19	21.65
1.64	0.36	22.60	90.96	5.71	52.011	84.660	5.308	1.24	22.60
1.65	0.35	23.55	91.31	5.78	49.138	84.822	5.345	1.27	23.55
1.66	0.34	24.21	91.65	5.85	47.126	84.982	5.380	1.29	24.21
1.67	0.32	24.87	91.97	5.91	44.253	85.124	5.413	1.28	24.87
1.68	0.30	25.52	92.27	5.98	41.379	85.248	5.442	1.26	25.52
1.69	0.27	26.17	92.54	6.03	38.506	85.352	5.467	1.19	26.17
1.70	0.24	26.82	92.78	6.09	35.632	85.437	5.489	1.10	26.82

1.71	0.23	27.40	93.01	6.14	32.759	85.513	5.508	1.11	27.40
1.72	0.24	27.97	93.25	6.20	29.885	85.584	5.527	1.20	27.97
1.73	0.24	28.54	93.49	6.25	27.011	85.649	5.544	1.25	28.54
1.74	0.24	29.11	93.73	6.31	24.138	85.707	5.560	1.30	29.11
1.75	0.23	29.68	93.96	6.37	22.222	85.758	5.575	1.28	29.68
1.76	0.22	30.60	94.18	6.43	19.641	85.802	5.587	1.26	30.60
1.77	0.21	31.51	94.39	6.48	17.266	85.838	5.598	1.24	31.51
1.78	0.19	32.41	94.58	6.53	15.106	85.866	5.607	1.15	32.41
1.79	0.16	33.32	94.74	6.58	13.169	85.888	5.614	0.99	33.32
1.80	0.13	34.21	94.87	6.62	11.464	85.902	5.619	0.82	34.21
1.81	0.11	35.05	94.98	6.65	10.000	85.913	5.623	0.71	35.05
1.82	0.10	35.89	95.08	6.68	8.761	85.922	5.626	0.65	35.89
1.83	0.10	36.72	95.18	6.71	7.718	85.930	5.629	0.66	36.72
1.84	0.09	37.54	95.27	6.74	6.857	85.936	5.631	0.60	37.54
1.85	0.09	38.36	95.36	6.77	6.166	85.942	5.633	0.60	38.36
1.86	0.08	38.78	95.44	6.80	5.631	85.946	5.635	0.54	38.78
1.87	0.07	39.19	95.51	6.82	5.240	85.950	5.636	0.47	39.19
1.88	0.07	39.61	95.58	6.85	4.980	85.953	5.638	0.48	39.61
1.89	0.06	40.02	95.64	6.87	4.788	85.956	5.639	0.41	40.02
1.90	0.05	40.42	95.69	6.88	4.573	85.958	5.640	0.34	40.42
1.91	0.05	40.81	95.74	6.90	4.358	85.961	5.641	0.34	40.81
1.92	0.05	41.20	95.79	6.92	4.143	85.963	5.641	0.34	41.20
1.93	0.04	41.58	95.83	6.93	3.930	85.964	5.642	0.27	41.58
1.94	0.04	41.97	95.87	6.95	3.721	85.966	5.643	0.28	41.97
1.95	0.04	42.35	95.91	6.96	3.516	85.967	5.643	0.28	42.35
1.96	0.04	43.01	95.95	6.98	3.319	85.969	5.644	0.28	43.01
1.97	0.04	43.68	95.99	6.99	3.129	85.970	5.644	0.28	43.68
1.98	0.05	44.33	96.04	7.01	2.948	85.971	5.645	0.35	44.33
1.99	0.05	44.99	96.09	7.03	2.778	85.973	5.646	0.35	44.99
2.00	0.05	45.64	96.14	7.05	2.620	85.974	5.646	0.35	45.64
2.01	0.06	46.02	96.20	7.08	2.476	85.975	5.647	0.42	46.02
2.02	0.06	46.40	96.26	7.10	2.347	85.977	5.648	0.42	46.40
2.03	0.06	46.77	96.32	7.13	2.235	85.978	5.648	0.42	46.77
2.04	0.06	47.14	96.38	7.15	2.141	85.979	5.649	0.42	47.14
2.05	0.06	47.51	96.44	7.18	2.066	85.981	5.650	0.42	47.51
2.06	0.06	48.24	96.50	7.20	2.012	85.982	5.650	0.42	48.24
2.07	0.06	48.97	96.56	7.23	1.964	85.983	5.651	0.42	48.97
2.08	0.06	49.69	96.62	7.26	1.927	85.984	5.651	0.42	49.69
2.09	0.06	50.41	96.68	7.28	1.891	85.985	5.652	0.42	50.41
2.10	0.06	51.13	96.74	7.31	1.854	85.986	5.653	0.42	51.13
2.11	0.06	51.74	96.80	7.34	1.817	85.988	5.653	0.42	51.74
2.12	0.06	52.34	96.86	7.36	1.780	85.989	5.654	0.42	52.34
2.13	0.06	52.95	96.92	7.39	1.743	85.990	5.654	0.42	52.95
2.14	0.06	53.55	96.98	7.42	1.706	85.991	5.655	0.42	53.55
2.15	0.06	54.15	97.04	7.45	1.669	85.992	5.655	0.42	54.15
2.16	0.06	54.75	97.10	7.48	1.633	85.993	5.656	0.42	54.75
2.17	0.06	55.34	97.16	7.51	1.596	85.994	5.657	0.42	55.34
2.18	0.06	55.93	97.22	7.54	1.560	85.995	5.657	0.42	55.93
2.19	0.06	56.52	97.28	7.57	1.523	85.996	5.658	0.42	56.52
2.20	0.06	57.11	97.34	7.60	1.487	85.996	5.658	0.42	57.11
2.21	0.06	57.69	97.40	7.63	1.451	85.997	5.659	0.42	57.69
2.22	0.06	58.27	97.46	7.66	1.415	85.998	5.659	0.42	58.27
2.23	0.06	58.85	97.52	7.69	1.380	85.999	5.660	0.42	58.85
2.24	0.06	59.43	97.58	7.73	1.345	86.000	5.660	0.42	59.43
2.25	0.06	60.00	97.64	7.76	1.311	86.001	5.661	0.42	60.00
2.26	0.06	60.57	97.70	7.79	1.276	86.001	5.661	0.42	60.57
2.27	0.06	61.14	97.76	7.82	1.242	86.002	5.662	0.42	61.14
2.28	0.06	61.70	97.82	7.86	1.209	86.003	5.662	0.42	61.70
2.29	0.06	62.27	97.88	7.89	1.176	86.003	5.663	0.42	62.27
2.30	0.06	62.83	97.94	7.92	1.144	86.004	5.663	0.42	62.83

2.31	0.06	63.38	98.00	7.96	1.112	86.005	5.664	0.42	63.38
2.32	0.06	63.94	98.06	7.99	1.081	86.005	5.664	0.42	63.94
2.33	0.06	64.49	98.12	8.03	1.050	86.006	5.664	0.42	64.49
2.34	0.06	65.04	98.18	8.06	1.021	86.007	5.665	0.42	65.04
2.35	0.06	65.59	98.24	8.10	0.991	86.007	5.665	0.42	65.59
2.36	0.06	66.87	98.30	8.13	0.971	86.008	5.666	0.42	66.87
2.37	0.06	68.14	98.36	8.17	0.942	86.008	5.666	0.43	68.14
2.38	0.06	69.41	98.42	8.20	0.912	86.009	5.666	0.43	69.41
2.39	0.06	70.67	98.48	8.24	0.883	86.010	5.667	0.43	70.67
2.40	0.06	71.93	98.54	8.28	0.853	86.010	5.667	0.43	71.93
2.41	0.07	73.18	98.61	8.33	0.823	86.011	5.668	0.50	73.18
2.42	0.07	74.42	98.68	8.37	0.794	86.011	5.668	0.50	74.42
2.43	0.07	75.66	98.75	8.42	0.764	86.012	5.669	0.50	75.66
2.44	0.07	76.90	98.82	8.47	0.734	86.012	5.669	0.50	76.90
2.45	0.07	78.13	98.89	8.52	0.704	86.013	5.669	0.50	78.13
2.46	0.07	79.35	98.96	8.57	0.674	86.013	5.670	0.50	79.35
2.47	0.07	80.57	99.03	8.62	0.645	86.014	5.670	0.50	80.57
2.48	0.07	81.79	99.10	8.67	0.615	86.014	5.671	0.50	81.79
2.49	0.07	83.00	99.17	8.73	0.585	86.014	5.671	0.50	83.00
2.50	0.07	84.20	99.24	8.78	0.555	86.015	5.671	0.50	84.20
2.51	0.07	85.40	99.31	8.83	0.526	86.015	5.672	0.50	85.40
2.52	0.07	86.60	99.38	8.89	0.496	86.016	5.672	0.50	86.60
2.53	0.07	87.79	99.45	8.94	0.467	86.016	5.672	0.50	87.79
2.54	0.07	88.98	99.52	9.00	0.437	86.016	5.673	0.50	88.98
2.55	0.07	90.16	99.59	9.06	0.408	86.017	5.673	0.50	90.16
2.56	0.07	91.34	99.66	9.11	0.379	86.017	5.673	0.50	91.34
2.57	0.07	92.51	99.73	9.17	0.350	86.017	5.673	0.50	92.51
2.58	0.07	93.68	99.80	9.23	0.321	86.017	5.674	0.50	93.68
2.59	0.07	94.84	99.87	9.29	0.292	86.017	5.674	0.50	94.84
2.60	0.07	96.00	99.94	9.35	0.264	86.018	5.674	0.50	96.00

		CLEAN COAL ASH %	5.67	REFUSE ASH %	31.98
HEAD ASH %	9.35	CLEAN COAL YIELD%	86.02	REFUSE YIELD%	13.98
THEO. YIELD	90.77	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.635	IMPERFECTION	0.053		
NEAR GRAVITY MAT	10.920				
ORGANIC EFFCY.	94.76				

(2)

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 17 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

---------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.49 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	1.16	0.22	1.16	0.22	98.537	1.143	0.220	0.07	0.22
1.25	1.24	0.43	2.40	0.33	98.499	2.364	0.328	0.07	0.43
1.26	1.33	0.64	3.73	0.44	98.461	3.674	0.440	0.08	0.64
1.27	1.41	0.85	5.14	0.55	98.423	5.062	0.552	0.09	0.85
1.28	1.49	1.06	6.63	0.67	98.385	6.528	0.666	0.10	1.06
1.29	1.57	1.26	8.20	0.78	98.347	8.072	0.780	0.10	1.26
1.30	1.65	1.47	9.85	0.90	98.309	9.694	0.895	0.11	1.47
1.31	1.73	1.67	11.58	1.01	98.271	11.394	1.011	0.12	1.67
1.32	1.80	2.06	13.38	1.15	98.232	13.162	1.152	0.13	2.06
1.33	1.88	2.63	15.26	1.33	98.194	15.008	1.334	0.13	2.63
1.34	1.95	3.20	17.21	1.55	98.156	16.922	1.545	0.14	3.20
1.35	2.02	3.77	19.23	1.78	98.117	18.904	1.778	0.15	3.77
1.36	2.09	4.33	21.32	2.03	98.078	20.954	2.028	0.16	4.33
1.37	2.16	4.89	23.48	2.29	98.039	23.072	2.290	0.17	4.89
1.38	2.23	5.45	25.71	2.57	98.000	25.257	2.564	0.18	5.45
1.39	2.29	6.00	28.00	2.85	97.871	27.498	2.844	0.19	6.00
1.40	2.36	6.55	30.36	3.14	97.585	29.801	3.130	0.23	6.55
1.41	2.62	6.79	32.98	3.43	97.177	32.347	3.418	0.29	6.79
1.42	3.01	7.04	35.99	3.73	96.680	35.257	3.717	0.40	7.04
1.43	3.30	7.28	39.29	4.03	96.128	38.430	4.011	0.51	7.28
1.44	3.49	7.52	42.78	4.31	95.557	41.765	4.292	0.62	7.52
1.45	3.57	7.76	46.35	4.58	95.000	45.156	4.552	0.71	7.76
1.46	3.54	8.79	49.89	4.86	94.445	48.499	4.844	0.78	8.79
1.47	3.41	9.82	53.30	5.19	93.796	51.698	5.152	0.84	9.82
1.48	3.18	10.84	56.48	5.51	92.959	54.654	5.460	0.89	10.84
1.49	2.84	11.85	59.32	5.81	91.842	57.262	5.751	0.92	11.85
1.50	2.39	12.86	61.71	6.09	90.351	59.422	6.009	0.92	12.86
1.51	2.09	13.97	63.80	6.34	88.056	61.262	6.248	0.99	13.97
1.52	1.99	15.08	65.79	6.61	85.857	62.971	6.488	1.12	15.08
1.53	1.87	16.18	67.66	6.87	83.441	64.531	6.722	1.23	16.18
1.54	1.74	17.27	69.40	7.13	80.849	65.938	6.947	1.32	17.27
1.55	1.59	18.35	70.99	7.39	78.118	67.180	7.158	1.38	18.35
1.56	1.43	18.68	72.42	7.61	75.287	68.256	7.340	1.40	18.68
1.57	1.25	19.01	73.67	7.80	72.126	69.158	7.492	1.38	19.01
1.58	1.06	19.34	74.73	7.97	69.253	69.892	7.616	1.29	19.34
1.59	0.86	19.66	75.59	8.10	66.379	70.463	7.714	1.15	19.66
1.60	0.64	19.98	76.23	8.20	63.506	70.869	7.784	0.93	19.98
1.61	0.53	20.37	76.76	8.28	60.632	71.191	7.841	0.83	20.37
1.62	0.53	20.75	77.29	8.37	57.759	71.497	7.896	0.89	20.75
1.63	0.53	21.13	77.82	8.45	54.886	71.788	7.950	0.95	21.13
1.64	0.53	21.51	78.35	8.54	52.011	72.063	8.002	1.01	21.51
1.65	0.52	21.89	78.87	8.63	49.138	72.319	8.051	1.05	21.89
1.66	0.52	22.95	79.39	8.72	47.126	72.564	8.101	1.09	22.95
1.67	0.53	24.01	79.92	8.83	44.253	72.798	8.153	1.17	24.01
1.68	0.53	25.06	80.45	8.93	41.379	73.018	8.203	1.23	25.06
1.69	0.53	26.10	80.98	9.05	38.506	73.222	8.253	1.29	26.10
1.70	0.53	27.13	81.51	9.16	35.632	73.411	8.302	1.35	27.13

1.71	0.54	27.83	82.05	9.29	32.759	73.588	8.349	1.44	27.83
1.72	0.55	28.51	82.60	9.41	29.885	73.752	8.394	1.53	28.51
1.73	0.55	29.19	83.15	9.54	27.011	73.900	8.435	1.59	29.19
1.74	0.55	29.87	83.70	9.68	24.138	74.033	8.474	1.66	29.87
1.75	0.55	30.55	84.25	9.81	22.222	74.155	8.510	1.70	30.55
1.76	0.55	31.55	84.80	9.96	19.641	74.263	8.544	1.75	31.55
1.77	0.54	32.55	85.34	10.10	17.266	74.357	8.574	1.77	32.55
1.78	0.52	33.54	85.86	10.24	15.106	74.435	8.600	1.75	33.54
1.79	0.51	34.53	86.37	10.38	13.169	74.502	8.624	1.76	34.53
1.80	0.49	35.51	86.86	10.53	11.464	74.559	8.644	1.72	35.51
1.81	0.42	36.95	87.28	10.65	10.000	74.601	8.660	1.50	36.95
1.82	0.32	38.38	87.60	10.75	8.761	74.629	8.671	1.16	38.38
1.83	0.23	39.80	87.83	10.83	7.718	74.646	8.678	0.84	39.80
1.84	0.16	41.22	87.99	10.89	6.857	74.657	8.683	0.59	41.22
1.85	0.10	42.63	88.09	10.92	6.166	74.664	8.686	0.37	42.63
1.86	0.06	42.75	88.15	10.94	5.631	74.667	8.688	0.22	42.75
1.87	0.04	42.87	88.19	10.96	5.240	74.669	8.689	0.15	42.87
1.88	0.04	42.99	88.23	10.97	4.980	74.671	8.689	0.15	42.99
1.89	0.05	43.12	88.28	10.99	4.788	74.673	8.691	0.19	43.12
1.90	0.09	43.24	88.37	11.02	4.573	74.678	8.692	0.34	43.24
1.91	0.11	43.79	88.48	11.06	4.358	74.682	8.695	0.42	43.79
1.92	0.11	44.34	88.59	11.11	4.143	74.687	8.697	0.42	44.34
1.93	0.11	44.88	88.70	11.15	3.930	74.691	8.699	0.42	44.88
1.94	0.11	45.43	88.81	11.19	3.721	74.695	8.701	0.42	45.43
1.95	0.11	45.97	88.92	11.23	3.516	74.699	8.703	0.42	45.97
1.96	0.11	46.62	89.03	11.28	3.319	74.703	8.705	0.42	46.62
1.97	0.10	47.27	89.13	11.32	3.129	74.706	8.706	0.38	47.27
1.98	0.10	47.91	89.23	11.36	2.948	74.709	8.708	0.39	47.91
1.99	0.10	48.56	89.33	11.40	2.778	74.712	8.709	0.39	48.56
2.00	0.10	49.20	89.43	11.44	2.620	74.714	8.711	0.39	49.20
2.01	0.09	49.61	89.52	11.48	2.476	74.717	8.712	0.35	49.61
2.02	0.09	50.01	89.61	11.52	2.347	74.719	8.713	0.35	50.01
2.03	0.09	50.42	89.70	11.56	2.235	74.721	8.714	0.35	50.42
2.04	0.09	50.82	89.79	11.60	2.141	74.723	8.715	0.35	50.82
2.05	0.09	51.22	89.88	11.64	2.066	74.724	8.717	0.35	51.22
2.06	0.09	52.08	89.97	11.68	2.012	74.726	8.718	0.35	52.08
2.07	0.09	52.94	90.06	11.72	1.964	74.728	8.719	0.35	52.94
2.08	0.09	53.79	90.15	11.76	1.927	74.730	8.720	0.35	53.79
2.09	0.09	54.64	90.24	11.80	1.891	74.731	8.721	0.35	54.64
2.10	0.09	55.48	90.33	11.85	1.854	74.733	8.722	0.35	55.48
2.11	0.09	56.26	90.42	11.89	1.817	74.735	8.723	0.35	56.26
2.12	0.09	57.04	90.51	11.94	1.780	74.736	8.724	0.35	57.04
2.13	0.09	57.82	90.60	11.98	1.743	74.738	8.725	0.35	57.82
2.14	0.09	58.59	90.69	12.03	1.706	74.739	8.726	0.35	58.59
2.15	0.09	59.36	90.78	12.07	1.669	74.741	8.727	0.35	59.36
2.16	0.09	60.13	90.87	12.12	1.633	74.742	8.728	0.35	60.13
2.17	0.09	60.89	90.96	12.17	1.596	74.744	8.729	0.35	60.89
2.18	0.09	61.65	91.05	12.22	1.560	74.745	8.730	0.35	61.65
2.19	0.09	62.41	91.14	12.27	1.523	74.747	8.731	0.35	62.41
2.20	0.09	63.16	91.23	12.32	1.487	74.748	8.732	0.35	63.16
2.21	0.09	63.67	91.32	12.37	1.451	74.749	8.733	0.35	63.67
2.22	0.09	64.18	91.41	12.42	1.415	74.751	8.734	0.35	64.18
2.23	0.09	64.68	91.50	12.47	1.380	74.752	8.735	0.35	64.68
2.24	0.09	65.19	91.59	12.52	1.345	74.753	8.736	0.35	65.19
2.25	0.09	65.69	91.68	12.58	1.311	74.754	8.737	0.35	65.69
2.26	0.09	66.19	91.77	12.63	1.276	74.755	8.737	0.35	66.19
2.27	0.09	66.68	91.86	12.68	1.242	74.756	8.738	0.35	66.68
2.28	0.09	67.18	91.95	12.73	1.209	74.758	8.739	0.35	67.18
2.29	0.09	67.67	92.04	12.79	1.176	74.759	8.740	0.35	67.67
2.30	0.09	68.16	92.13	12.84	1.144	74.760	8.741	0.35	68.16

2.31	0.28	68.19	92.41	13.01	1.112	74.763	8.743	1.10	68.19
2.32	0.28	68.21	92.69	13.18	1.081	74.766	8.746	1.10	68.21
2.33	0.28	68.24	92.97	13.34	1.050	74.769	8.748	1.10	68.24
2.34	0.27	68.26	93.24	13.50	1.021	74.771	8.750	1.06	68.26
2.35	0.27	68.29	93.51	13.66	0.991	74.774	8.752	1.06	68.29
2.36	0.27	68.31	93.78	13.82	0.971	74.777	8.754	1.06	68.31
2.37	0.27	68.34	94.05	13.97	0.942	74.779	8.756	1.06	68.34
2.38	0.27	68.36	94.32	14.13	0.912	74.782	8.758	1.06	68.36
2.39	0.27	68.39	94.59	14.28	0.883	74.784	8.760	1.06	68.39
2.40	0.27	68.41	94.86	14.44	0.853	74.786	8.762	1.06	68.41
2.41	0.27	68.44	95.13	14.59	0.823	74.789	8.764	1.06	68.44
2.42	0.27	68.46	95.40	14.74	0.794	74.791	8.766	1.06	68.46
2.43	0.26	68.49	95.66	14.89	0.764	74.793	8.767	1.02	68.49
2.44	0.26	68.51	95.92	15.04	0.734	74.795	8.769	1.02	68.51
2.45	0.26	68.54	96.18	15.18	0.704	74.797	8.770	1.03	68.54
2.46	0.26	70.42	96.44	15.33	0.674	74.798	8.772	1.03	70.42
2.47	0.26	72.29	96.70	15.48	0.645	74.800	8.773	1.03	72.29
2.48	0.26	74.16	96.96	15.64	0.615	74.802	8.775	1.03	74.16
2.49	0.26	76.02	97.22	15.80	0.585	74.803	8.776	1.03	76.02
2.50	0.26	77.87	97.48	15.97	0.555	74.805	8.777	1.03	77.87
2.51	0.26	79.72	97.74	16.14	0.526	74.806	8.779	1.03	79.72
2.52	0.25	81.56	97.99	16.30	0.496	74.807	8.780	0.99	81.56
2.53	0.25	83.39	98.24	16.47	0.467	74.808	8.781	0.99	83.39
2.54	0.25	85.21	98.49	16.65	0.437	74.809	8.782	0.99	85.21
2.55	0.25	87.03	98.74	16.83	0.408	74.810	8.783	0.99	87.03
2.56	0.25	88.83	98.99	17.01	0.379	74.811	8.784	0.99	88.83
2.57	0.25	90.64	99.24	17.19	0.350	74.812	8.785	0.99	90.64
2.58	0.25	92.43	99.49	17.38	0.321	74.813	8.786	0.99	92.43
2.59	0.25	94.22	99.74	17.58	0.292	74.814	8.787	0.99	94.22
2.60	0.25	96.00	99.99	17.77	0.264	74.814	8.788	0.99	96.00

		CLEAN COAL ASH %	8.79	REFUSE ASH %	44.46
HEAD ASH %	17.77	CLEAN COAL YIELD%	74.81	REFUSE YIELD%	25.19
THEO. YIELD	79.72	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.666	IMPERFECTION	0.053		
NEAR GRAVITY MAT	11.941				
ORGANIC EFFCY.	93.85				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 18 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

---------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.26 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	1.28	0.31	1.28	0.31	98.537	1.261	0.310	0.05	0.31
1.25	1.30	0.60	2.58	0.46	98.499	2.542	0.456	0.05	0.60
1.26	1.31	0.90	3.89	0.61	98.461	3.832	0.606	0.05	0.90
1.27	1.33	1.19	5.22	0.75	98.423	5.141	0.754	0.05	1.19
1.28	1.34	1.47	6.56	0.90	98.385	6.459	0.900	0.05	1.47
1.29	1.36	1.76	7.92	1.05	98.347	7.797	1.048	0.06	1.76
1.30	1.38	2.04	9.30	1.20	98.309	9.153	1.195	0.06	2.04
1.31	1.39	2.32	10.69	1.34	98.271	10.519	1.341	0.06	2.32
1.32	1.41	2.70	12.10	1.50	98.232	11.904	1.499	0.06	2.70
1.33	1.43	3.17	13.53	1.68	98.194	13.308	1.675	0.06	3.17
1.34	1.45	3.64	14.98	1.87	98.156	14.732	1.865	0.07	3.64
1.35	1.46	4.10	16.44	2.06	98.117	16.164	2.063	0.07	4.10
1.36	1.48	4.56	17.92	2.27	98.078	17.616	2.269	0.07	4.56
1.37	1.50	5.02	19.42	2.48	98.039	19.086	2.481	0.07	5.02
1.38	1.52	5.47	20.94	2.70	98.000	20.576	2.697	0.08	5.47
1.39	1.54	5.92	22.48	2.92	97.871	22.083	2.917	0.08	5.92
1.40	1.56	6.37	24.04	3.14	97.585	23.605	3.140	0.09	6.37
1.41	1.59	6.63	25.63	3.36	97.177	25.151	3.354	0.11	6.63
1.42	1.62	6.89	27.25	3.57	96.680	26.717	3.562	0.13	6.89
1.43	1.65	7.15	28.90	3.77	96.128	28.303	3.763	0.16	7.15
1.44	1.68	7.40	30.58	3.97	95.557	29.908	3.958	0.19	7.40
1.45	1.70	7.65	32.28	4.17	95.000	31.523	4.147	0.21	7.65
1.46	1.72	8.28	34.00	4.38	94.445	33.148	4.350	0.24	8.28
1.47	1.73	8.90	35.73	4.59	93.796	34.770	4.562	0.27	8.90
1.48	1.74	9.52	37.47	4.82	92.959	36.388	4.782	0.30	9.52
1.49	1.74	10.13	39.21	5.06	91.842	37.986	5.007	0.35	10.13
1.50	1.74	10.74	40.95	5.30	90.351	39.558	5.235	0.42	10.74
1.51	1.81	11.24	42.76	5.55	88.056	41.152	5.468	0.54	11.24
1.52	1.93	11.74	44.69	5.82	85.857	42.809	5.711	0.68	11.74
1.53	2.01	12.23	46.70	6.09	83.441	44.486	5.956	0.83	12.23
1.54	2.06	12.72	48.76	6.37	80.849	46.152	6.200	0.98	12.72
1.55	2.07	13.21	50.83	6.65	78.118	47.769	6.438	1.12	13.21
1.56	2.05	14.29	52.88	6.95	75.287	49.312	6.683	1.26	14.29
1.57	1.99	15.37	54.87	7.25	72.126	50.747	6.929	1.38	15.37
1.58	1.90	16.43	56.77	7.56	69.253	52.063	7.169	1.45	16.43
1.59	1.78	17.50	58.55	7.86	66.379	53.245	7.399	1.48	17.50
1.60	1.61	18.55	60.16	8.15	63.506	54.267	7.609	1.46	18.55
1.61	1.42	19.67	61.58	8.42	60.632	55.128	7.797	1.39	19.67
1.62	1.22	20.78	62.80	8.66	57.759	55.833	7.961	1.28	20.78
1.63	1.05	21.89	63.85	8.87	54.885	56.409	8.103	1.17	21.89
1.64	0.90	22.98	64.75	9.07	52.011	56.877	8.226	1.07	22.98
1.65	0.77	24.08	65.52	9.25	49.138	57.255	8.330	0.97	24.08
1.66	0.66	24.84	66.18	9.40	47.126	57.566	8.420	0.87	24.84
1.67	0.58	25.60	66.76	9.54	44.253	57.823	8.496	0.80	25.60
1.68	0.52	26.36	67.28	9.67	41.379	58.038	8.562	0.76	26.36
1.69	0.48	27.11	67.76	9.80	38.506	58.223	8.621	0.73	27.11
1.70	0.46	27.86	68.22	9.92	35.632	58.387	8.675	0.73	27.86

1.71	0.47	28.86	68.69	10.05	32.759	58.541	8.728	0.78	28.86
1.72	0.47	29.86	69.16	10.18	29.885	58.681	8.779	0.82	29.86
1.73	0.47	30.85	69.63	10.32	27.011	58.808	8.826	0.85	30.85
1.74	0.46	31.83	70.09	10.46	24.138	58.919	8.870	0.87	31.83
1.75	0.44	32.81	70.53	10.60	22.222	59.017	8.909	0.85	32.81
1.76	0.41	33.61	70.94	10.73	18.641	59.098	8.943	0.82	33.61
1.77	0.38	34.41	71.32	10.86	17.266	59.163	8.971	0.78	34.41
1.78	0.34	35.20	71.66	10.98	15.106	59.215	8.994	0.72	35.20
1.79	0.28	35.99	71.94	11.07	13.169	59.252	9.011	0.60	35.99
1.80	0.23	36.77	72.17	11.16	11.464	59.278	9.023	0.50	36.77
1.81	0.18	37.46	72.36	11.22	10.000	59.297	9.032	0.42	37.46
1.82	0.17	38.14	72.53	11.29	8.761	59.312	9.040	0.38	38.14
1.83	0.16	38.82	72.69	11.35	7.718	59.324	9.046	0.37	38.82
1.84	0.16	39.49	72.85	11.41	6.857	59.335	9.051	0.37	39.49
1.85	0.16	40.16	73.01	11.47	6.166	59.345	9.057	0.37	40.16
1.86	0.16	40.85	73.17	11.54	5.631	59.354	9.061	0.37	40.85
1.87	0.16	41.54	73.33	11.60	5.240	59.362	9.066	0.38	41.54
1.88	0.17	42.23	73.50	11.67	4.980	59.371	9.071	0.40	42.23
1.89	0.18	42.91	73.68	11.75	4.788	59.380	9.076	0.42	42.91
1.90	0.20	43.59	73.88	11.84	4.573	59.389	9.081	0.47	43.59
1.91	0.21	44.03	74.09	11.93	4.358	59.398	9.086	0.50	44.03
1.92	0.22	44.47	74.31	12.02	4.143	59.407	9.092	0.52	44.47
1.93	0.22	44.90	74.53	12.12	3.930	59.416	9.097	0.52	44.90
1.94	0.23	45.33	74.76	12.22	3.721	59.424	9.102	0.55	45.33
1.95	0.23	45.76	74.99	12.33	3.516	59.432	9.107	0.55	45.76
1.96	0.22	46.82	75.21	12.43	3.319	59.440	9.112	0.53	46.82
1.97	0.22	47.87	75.43	12.53	3.129	59.446	9.116	0.53	47.87
1.98	0.21	48.92	75.64	12.63	2.946	59.453	9.120	0.51	48.92
1.99	0.21	49.96	75.85	12.73	2.778	59.458	9.124	0.51	49.96
2.00	0.19	50.99	76.04	12.83	2.620	59.463	9.128	0.46	50.99
2.01	0.19	51.81	76.23	12.93	2.476	59.468	9.131	0.46	51.81
2.02	0.18	52.62	76.41	13.02	2.347	59.472	9.134	0.44	52.62
2.03	0.18	53.42	76.59	13.12	2.235	59.476	9.137	0.44	53.42
2.04	0.17	54.22	76.76	13.21	2.141	59.480	9.140	0.41	54.22
2.05	0.17	55.02	76.93	13.30	2.066	59.484	9.143	0.41	55.02
2.06	0.16	55.89	77.09	13.39	2.012	59.487	9.145	0.39	55.89
2.07	0.15	56.75	77.24	13.47	1.964	59.490	9.148	0.36	56.75
2.08	0.14	57.61	77.38	13.55	1.927	59.492	9.150	0.34	57.61
2.09	0.14	58.46	77.52	13.63	1.891	59.495	9.152	0.34	58.46
2.10	0.13	59.31	77.65	13.71	1.854	59.497	9.154	0.32	59.31
2.11	0.12	60.12	77.77	13.78	1.817	59.500	9.156	0.29	60.12
2.12	0.12	60.92	77.89	13.85	1.780	59.502	9.158	0.29	60.92
2.13	0.12	61.72	78.01	13.93	1.743	59.504	9.160	0.29	61.72
2.14	0.11	62.52	78.12	14.00	1.706	59.506	9.162	0.27	62.52
2.15	0.11	63.31	78.23	14.06	1.669	59.508	9.163	0.27	63.31
2.16	0.11	63.86	78.34	14.13	1.633	59.509	9.165	0.27	63.86
2.17	0.11	64.40	78.45	14.21	1.596	59.511	9.166	0.27	64.40
2.18	0.11	64.95	78.56	14.28	1.560	59.513	9.168	0.27	64.95
2.19	0.11	65.49	78.67	14.35	1.523	59.514	9.170	0.27	65.49
2.20	0.11	66.03	78.78	14.42	1.487	59.516	9.171	0.27	66.03
2.21	0.12	66.27	78.90	14.50	1.451	59.518	9.173	0.29	66.27
2.22	0.12	66.50	79.02	14.58	1.415	59.520	9.175	0.29	66.50
2.23	0.12	66.74	79.14	14.66	1.380	59.521	9.176	0.29	66.74
2.24	0.12	66.98	79.26	14.74	1.345	59.523	9.178	0.29	66.98
2.25	0.12	67.21	79.38	14.82	1.311	59.524	9.179	0.29	67.21
2.26	0.13	68.30	79.51	14.90	1.276	59.526	9.181	0.32	68.30
2.27	0.13	69.39	79.64	14.99	1.242	59.528	9.183	0.32	69.39
2.28	0.13	70.47	79.77	15.08	1.209	59.529	9.184	0.32	70.47
2.29	0.13	71.55	79.90	15.17	1.176	59.531	9.186	0.32	71.55
2.30	0.13	72.62	80.03	15.27	1.144	59.532	9.187	0.32	72.62

2.31	0.71	73.46	80.74	15.78	1.112	59.540	9.196	1.74	73.46
2.32	0.70	74.29	81.44	16.28	1.081	59.548	9.204	1.72	74.29
2.33	0.70	75.12	82.14	16.78	1.050	59.555	9.212	1.72	75.12
2.34	0.70	75.95	82.84	17.28	1.021	59.562	9.220	1.72	75.95
2.35	0.69	76.77	83.53	17.77	0.991	59.569	9.228	1.69	76.77
2.36	0.69	77.59	84.22	18.26	0.971	59.576	9.236	1.69	77.59
2.37	0.69	78.41	84.91	18.75	0.942	59.582	9.243	1.69	78.41
2.38	0.68	79.22	85.59	19.23	0.912	59.588	9.251	1.67	79.22
2.39	0.68	80.03	86.27	19.71	0.883	59.594	9.258	1.67	80.03
2.40	0.68	80.84	86.95	20.19	0.853	59.600	9.265	1.67	80.84
2.41	0.68	81.64	87.63	20.67	0.823	59.606	9.272	1.67	81.64
2.42	0.67	82.44	88.30	21.14	0.794	59.611	9.278	1.65	82.44
2.43	0.67	83.24	88.97	21.60	0.764	59.616	9.284	1.65	83.24
2.44	0.67	84.03	89.64	22.07	0.734	59.621	9.291	1.65	84.03
2.45	0.67	84.82	90.31	22.54	0.704	59.626	9.297	1.65	84.82
2.46	0.66	85.58	90.97	22.99	0.674	59.630	9.302	1.63	85.58
2.47	0.66	86.35	91.63	23.45	0.645	59.635	9.308	1.63	86.35
2.48	0.66	87.11	92.29	23.91	0.615	59.639	9.313	1.63	87.11
2.49	0.65	87.87	92.94	24.35	0.585	59.643	9.318	1.60	87.87
2.50	0.65	88.62	93.59	24.80	0.555	59.646	9.323	1.60	88.62
2.51	0.65	89.37	94.24	25.24	0.526	59.650	9.327	1.60	89.37
2.52	0.65	90.12	94.89	25.69	0.496	59.653	9.332	1.60	90.12
2.53	0.64	90.86	95.53	26.13	0.467	59.656	9.336	1.58	90.86
2.54	0.64	91.61	96.17	26.56	0.437	59.659	9.340	1.58	91.61
2.55	0.64	92.35	96.81	27.00	0.408	59.661	9.343	1.58	92.35
2.56	0.64	93.08	97.45	27.43	0.379	59.664	9.347	1.58	93.08
2.57	0.63	93.82	98.08	27.86	0.350	59.666	9.350	1.56	93.82
2.58	0.63	94.55	98.71	28.28	0.321	59.668	9.353	1.56	94.55
2.59	0.63	95.27	99.34	28.71	0.292	59.670	9.355	1.56	95.27
2.60	0.63	96.00	99.97	29.13	0.264	59.671	9.358	1.56	96.00

		CLEAN COAL ASH %	9.36	REFUSE ASH %	58.39
HEAD ASH %	29.13	CLEAN COAL YIELD%	59.67	REFUSE YIELD%	40.33
THEO. YIELD	66.00	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.657	IMPERFECTION	0.053		
NEAR GRAVITY MAT	18.518				
ORGANIC EFFCY.	90.42				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 21 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.65 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	2.76	0.16	2.76	0.16	98.537	2.720	0.160	0.10	0.16
1.25	2.71	0.31	5.47	0.23	98.499	5.389	0.234	0.10	0.31
1.26	2.66	0.47	8.13	0.31	98.461	8.008	0.311	0.10	0.47
1.27	2.60	0.61	10.73	0.38	98.423	10.567	0.384	0.10	0.61
1.28	2.55	0.76	13.28	0.46	98.385	13.076	0.456	0.10	0.76
1.29	2.49	0.91	15.77	0.53	98.347	15.525	0.528	0.10	0.91
1.30	2.42	1.06	18.19	0.60	98.309	17.904	0.598	0.10	1.06
1.31	2.36	1.20	20.55	0.67	98.271	20.223	0.667	0.10	1.20
1.32	2.29	1.65	22.84	0.76	98.232	22.472	0.756	0.10	1.55
1.33	2.22	2.10	25.06	0.88	98.194	24.652	0.875	0.10	2.10
1.34	2.14	2.65	27.20	1.01	98.156	26.753	1.014	0.09	2.65
1.35	2.06	3.20	29.26	1.17	98.117	28.774	1.167	0.09	3.20
1.36	1.98	3.74	31.24	1.33	98.078	30.716	1.330	0.09	3.74
1.37	1.90	4.27	33.14	1.50	98.039	32.579	1.498	0.09	4.27
1.38	1.81	4.80	34.95	1.67	98.000	34.353	1.669	0.09	4.80
1.39	1.72	5.33	36.67	1.84	97.871	36.036	1.840	0.09	5.33
1.40	1.63	5.86	38.30	2.01	97.585	37.627	2.010	0.09	5.86
1.41	1.56	6.45	39.86	2.19	97.177	39.143	2.182	0.10	6.45
1.42	1.51	7.09	41.37	2.37	96.680	40.602	2.358	0.12	7.09
1.43	1.45	7.77	42.82	2.55	96.128	41.996	2.538	0.13	7.77
1.44	1.38	8.51	44.20	2.74	95.557	43.315	2.720	0.15	8.51
1.45	1.30	9.31	45.50	2.92	95.000	44.550	2.902	0.15	9.31
1.46	1.20	10.14	46.70	3.11	94.445	45.683	3.082	0.16	10.14
1.47	1.09	10.98	47.79	3.29	93.796	46.706	3.255	0.16	10.98
1.48	0.97	11.83	48.76	3.46	92.959	47.607	3.417	0.16	11.83
1.49	0.84	12.68	49.60	3.61	91.842	48.379	3.565	0.16	12.68
1.50	0.70	13.54	50.30	3.75	90.351	49.011	3.694	0.16	13.54
1.51	0.62	14.26	50.92	3.88	88.056	49.557	3.810	0.18	14.26
1.52	0.62	14.98	51.54	4.01	85.857	50.090	3.929	0.21	14.98
1.53	0.62	15.69	52.16	4.15	83.441	50.607	4.049	0.24	15.69
1.54	0.62	16.40	52.78	4.30	80.849	51.108	4.170	0.28	16.40
1.55	0.61	17.11	53.39	4.44	78.118	51.585	4.290	0.32	17.11
1.56	0.61	18.08	54.00	4.60	75.287	52.044	4.411	0.36	18.08
1.57	0.60	19.05	54.60	4.76	72.126	52.477	4.532	0.40	19.05
1.58	0.60	20.01	55.20	4.92	68.253	52.892	4.654	0.44	20.01
1.59	0.60	20.96	55.80	5.09	66.379	53.291	4.775	0.48	20.96
1.60	0.59	21.91	56.39	5.27	63.506	53.665	4.895	0.51	21.91
1.61	0.59	22.33	56.98	5.45	60.632	54.023	5.011	0.55	22.33
1.62	0.59	22.74	57.57	5.62	57.759	54.364	5.122	0.59	22.74
1.63	0.59	23.16	58.16	5.80	54.885	54.688	5.229	0.63	23.16
1.64	0.59	23.57	58.75	5.98	52.011	54.994	5.331	0.67	23.57
1.65	0.59	23.98	59.34	6.16	49.138	55.284	5.429	0.71	23.98
1.66	0.59	25.70	59.93	6.35	47.126	55.562	5.530	0.74	25.70
1.67	0.58	27.41	60.51	6.55	44.253	55.819	5.631	0.77	27.41
1.68	0.57	29.11	61.08	6.76	41.379	56.055	5.730	0.79	29.11
1.69	0.57	30.80	61.65	6.99	38.506	56.274	5.827	0.83	30.80
1.70	0.56	32.48	62.21	7.22	35.632	56.474	5.921	0.86	32.48

1.71	0.53	33.97	62.74	7.44	32.759	56.648	6.007	0.85	33.97
1.72	0.50	35.46	63.24	7.66	29.885	56.797	6.085	0.83	35.46
1.73	0.46	36.94	63.70	7.87	27.011	56.921	6.152	0.80	36.94
1.74	0.43	38.41	64.13	8.08	24.138	57.025	6.211	0.77	38.41
1.75	0.40	39.87	64.53	8.28	22.222	57.114	6.263	0.74	39.87
1.76	0.37	40.24	64.90	8.46	19.641	57.187	6.307	0.71	40.24
1.77	0.35	40.61	65.25	8.63	17.266	57.247	6.343	0.69	40.61
1.78	0.32	40.98	65.57	8.79	15.106	57.295	6.372	0.64	40.98
1.79	0.30	41.35	65.87	8.94	13.169	57.335	6.396	0.62	41.35
1.80	0.28	41.72	66.15	9.08	11.464	57.367	6.416	0.59	41.72
1.81	0.26	42.24	66.41	9.21	10.000	57.393	6.432	0.56	42.24
1.82	0.26	42.76	66.67	9.34	8.761	57.416	6.447	0.56	42.76
1.83	0.26	43.27	66.93	9.47	7.718	57.436	6.459	0.57	43.27
1.84	0.26	43.79	67.19	9.60	6.857	57.454	6.471	0.57	43.79
1.85	0.26	44.30	67.45	9.73	6.166	57.470	6.482	0.58	44.30
1.86	0.26	45.10	67.71	9.87	5.631	57.484	6.491	0.58	45.10
1.87	0.26	45.89	67.97	10.01	5.240	57.498	6.501	0.58	45.89
1.88	0.26	46.68	68.23	10.15	4.980	57.511	6.510	0.59	46.68
1.89	0.26	47.47	68.49	10.29	4.788	57.523	6.519	0.59	47.47
1.90	0.26	48.25	68.75	10.43	4.573	57.535	6.527	0.59	48.25
1.91	0.27	48.98	69.02	10.58	4.358	57.547	6.536	0.61	48.98
1.92	0.27	49.69	69.29	10.74	4.143	57.558	6.544	0.61	49.69
1.93	0.28	50.41	69.57	10.90	3.930	57.569	6.553	0.64	50.41
1.94	0.28	51.12	69.85	11.06	3.721	57.580	6.561	0.64	51.12
1.95	0.28	51.83	70.13	11.22	3.516	57.589	6.569	0.64	51.83
1.96	0.28	52.11	70.41	11.38	3.319	57.599	6.576	0.64	52.11
1.97	0.27	52.39	70.68	11.54	3.129	57.607	6.583	0.62	52.39
1.98	0.27	52.67	70.95	11.70	2.948	57.615	6.589	0.62	52.67
1.99	0.26	52.95	71.21	11.85	2.778	57.622	6.595	0.60	52.95
2.00	0.25	53.23	71.46	11.99	2.620	57.629	6.600	0.58	53.23
2.01	0.23	53.34	71.69	12.12	2.476	57.635	6.605	0.53	53.34
2.02	0.20	53.46	71.89	12.24	2.347	57.639	6.609	0.46	53.46
2.03	0.18	53.57	72.07	12.34	2.235	57.643	6.612	0.42	53.57
2.04	0.17	53.68	72.24	12.44	2.141	57.647	6.615	0.39	53.68
2.05	0.15	53.79	72.39	12.53	2.066	57.650	6.617	0.35	53.79
2.06	0.15	54.41	72.54	12.61	2.012	57.653	6.620	0.35	54.41
2.07	0.14	55.02	72.68	12.69	1.964	57.656	6.622	0.33	55.02
2.08	0.14	55.63	72.82	12.78	1.927	57.658	6.624	0.33	55.63
2.09	0.15	56.24	72.97	12.87	1.891	57.661	6.627	0.35	56.24
2.10	0.16	56.84	73.13	12.96	1.854	57.664	6.629	0.37	56.84
2.11	0.16	57.30	73.29	13.06	1.817	57.667	6.632	0.37	57.30
2.12	0.15	57.75	73.44	13.15	1.780	57.670	6.634	0.35	57.75
2.13	0.15	58.19	73.59	13.24	1.743	57.672	6.637	0.35	58.19
2.14	0.14	58.64	73.73	13.33	1.706	57.675	6.639	0.33	58.64
2.15	0.14	59.08	73.87	13.41	1.669	57.677	6.641	0.33	59.08
2.16	0.13	59.53	74.00	13.50	1.633	57.679	6.643	0.30	59.53
2.17	0.13	59.97	74.13	13.58	1.596	57.681	6.645	0.30	59.97
2.18	0.13	60.40	74.26	13.66	1.560	57.683	6.647	0.30	60.40
2.19	0.13	60.84	74.39	13.74	1.523	57.685	6.649	0.30	60.84
2.20	0.13	61.27	74.52	13.82	1.487	57.687	6.650	0.30	61.27
2.21	0.13	62.22	74.65	13.91	1.451	57.689	6.652	0.30	62.22
2.22	0.13	63.17	74.78	13.99	1.415	57.691	6.654	0.30	63.17
2.23	0.13	64.11	74.91	14.08	1.380	57.693	6.656	0.30	64.11
2.24	0.13	65.04	75.04	14.17	1.345	57.695	6.658	0.30	65.04
2.25	0.14	65.97	75.18	14.27	1.311	57.696	6.660	0.33	65.97
2.26	0.14	66.90	75.32	14.36	1.276	57.698	6.661	0.33	66.90
2.27	0.14	67.82	75.46	14.46	1.242	57.700	6.663	0.33	67.82
2.28	0.15	68.74	75.61	14.57	1.209	57.702	6.665	0.35	68.74
2.29	0.16	69.66	75.77	14.69	1.176	57.704	6.667	0.38	69.66
2.30	0.16	70.57	75.93	14.80	1.144	57.705	6.669	0.38	70.57

(2)

2.31	0.85	71.35	76.78	15.43	1.112	57.715	6.680	2.00	71.35
2.32	0.85	72.13	77.63	16.05	1.081	57.724	6.690	2.00	72.13
2.33	0.84	72.91	78.47	16.66	1.050	57.733	6.700	1.97	72.91
2.34	0.84	73.69	79.31	17.26	1.021	57.742	6.710	1.97	73.69
2.35	0.84	74.46	80.15	17.86	0.991	57.750	6.720	1.97	74.46
2.36	0.83	75.23	80.98	18.45	0.971	57.758	6.730	1.95	75.23
2.37	0.83	76.00	81.81	19.04	0.942	57.766	6.739	1.95	76.00
2.38	0.83	76.76	82.64	19.62	0.912	57.773	6.748	1.95	76.76
2.39	0.82	77.52	83.46	20.18	0.883	57.781	6.757	1.93	77.52
2.40	0.82	78.28	84.28	20.75	0.853	57.788	6.766	1.93	78.28
2.41	0.82	79.03	85.10	21.31	0.823	57.794	6.774	1.93	79.03
2.42	0.81	79.78	85.91	21.86	0.794	57.801	6.782	1.91	79.78
2.43	0.81	80.53	86.72	22.41	0.764	57.807	6.790	1.91	80.53
2.44	0.81	81.27	87.53	22.95	0.734	57.813	6.798	1.91	81.27
2.45	0.80	82.01	88.33	23.49	0.704	57.818	6.805	1.89	82.01
2.46	0.80	82.87	89.13	24.02	0.674	57.824	6.812	1.89	82.97
2.47	0.80	83.92	89.93	24.56	0.645	57.829	6.819	1.89	83.92
2.48	0.79	84.88	90.72	25.08	0.615	57.834	6.826	1.86	84.88
2.49	0.79	85.82	91.51	25.61	0.585	57.839	6.832	1.86	85.82
2.50	0.79	86.77	92.30	26.13	0.555	57.843	6.838	1.86	86.77
2.51	0.78	87.71	93.08	26.65	0.526	57.847	6.844	1.84	87.71
2.52	0.78	88.64	93.86	27.16	0.496	57.851	6.849	1.84	88.64
2.53	0.78	89.57	94.64	27.68	0.467	57.855	6.855	1.84	89.57
2.54	0.77	90.50	95.41	28.18	0.437	57.858	6.859	1.82	90.50
2.55	0.77	91.43	96.18	28.69	0.408	57.861	6.864	1.82	91.43
2.56	0.77	92.35	96.95	29.19	0.379	57.864	6.868	1.82	92.35
2.57	0.76	93.27	97.71	29.69	0.350	57.867	6.872	1.80	93.27
2.58	0.76	94.18	98.47	30.19	0.321	57.869	6.876	1.80	94.18
2.59	0.76	95.09	99.23	30.69	0.292	57.871	6.879	1.80	95.09
2.60	0.76	96.00	99.99	31.18	0.264	57.873	6.882	1.80	96.00

HEAD ASH %	31.18	CLEAN COAL ASH %	6.88	REFUSE ASH %	64.57
THEO. YIELD	61.38	CLEAN COAL YIELD%	57.87	REFUSE YIELD%	42.13
SG OF SEPARATION	1.685	ECART PROB. MOYEN	0.0870		
NEAR GRAVITY MAT	10.210	IMPERFECTION	0.053		
ORGANIC EFFCY.	94.28				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC-DDH82003 SID: 22 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.86 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.19	0.01	0.19	0.01	98.537	0.187	0.010	0.01	0.01
1.25	0.27	0.01	0.46	0.01	98.499	0.453	0.010	0.01	0.01
1.26	0.36	0.01	0.82	0.01	98.461	0.808	0.010	0.01	0.01
1.27	0.44	0.01	1.26	0.01	98.423	1.241	0.010	0.01	0.01
1.28	0.53	0.01	1.79	0.01	98.385	1.762	0.010	0.02	0.01
1.29	0.63	0.01	2.42	0.01	98.347	2.382	0.010	0.02	0.01
1.30	0.72	0.01	3.14	0.01	98.309	3.090	0.010	0.03	0.01
1.31	0.82	0.01	3.96	0.01	98.271	3.895	0.010	0.03	0.01
1.32	0.77	0.34	4.73	0.06	98.232	4.652	0.064	0.03	0.34
1.33	0.86	0.99	5.59	0.21	98.194	5.496	0.206	0.03	0.99
1.34	0.95	1.64	6.54	0.41	98.156	6.429	0.414	0.04	1.64
1.35	1.04	2.28	7.58	0.67	98.117	7.449	0.670	0.04	2.28
1.36	1.14	2.92	8.72	0.96	98.078	8.567	0.963	0.05	2.92
1.37	1.23	3.56	9.95	1.29	98.039	9.773	1.284	0.05	3.56
1.38	1.33	4.19	11.28	1.63	98.000	11.076	1.626	0.06	4.19
1.39	1.43	4.81	12.71	1.99	97.871	12.476	1.983	0.06	4.81
1.40	1.53	5.43	14.24	2.36	97.685	13.969	2.351	0.08	5.43
1.41	1.86	5.70	16.10	2.74	97.177	15.777	2.735	0.11	5.70
1.42	2.19	5.98	18.29	3.13	96.680	17.894	3.119	0.15	5.98
1.43	2.44	6.25	20.73	3.50	96.128	20.239	3.482	0.20	6.25
1.44	2.59	6.51	23.32	3.83	95.557	22.714	3.812	0.24	6.51
1.45	2.65	6.78	25.97	4.13	95.000	25.232	4.108	0.28	6.78
1.46	2.61	7.92	28.58	4.48	94.445	27.697	4.447	0.30	7.92
1.47	2.49	9.05	31.07	4.84	93.796	30.032	4.805	0.32	9.05
1.48	2.27	10.17	33.34	5.21	92.959	32.143	5.157	0.34	10.17
1.49	1.96	11.29	35.30	5.55	91.842	33.943	5.483	0.34	11.29
1.50	1.55	12.40	36.85	5.83	90.351	35.343	5.757	0.31	12.40
1.51	1.31	13.44	38.16	6.09	88.056	36.497	6.000	0.33	13.44
1.52	1.30	14.48	39.46	6.37	85.857	37.613	6.251	0.39	14.48
1.53	1.28	15.51	40.74	6.66	83.441	38.681	6.507	0.44	15.51
1.54	1.26	16.53	42.00	6.95	80.849	39.699	6.764	0.51	16.53
1.55	1.24	17.55	43.24	7.26	78.118	40.668	7.021	0.57	17.55
1.56	1.21	18.14	44.45	7.55	75.287	41.579	7.265	0.63	18.14
1.57	1.19	18.73	45.64	7.85	72.126	42.437	7.496	0.70	18.73
1.58	1.16	19.32	46.80	8.13	69.253	43.241	7.716	0.75	19.32
1.59	1.13	19.90	47.93	8.41	66.379	43.991	7.924	0.80	19.90
1.60	1.10	20.48	49.03	8.68	63.506	44.689	8.120	0.84	20.48
1.61	1.08	20.70	50.11	8.94	60.632	45.344	8.302	0.89	20.70
1.62	1.08	20.91	51.19	9.19	57.759	45.968	8.473	0.96	20.91
1.63	1.08	21.12	52.27	9.44	54.886	46.561	8.634	1.02	21.12
1.64	1.07	21.33	53.34	9.68	52.011	47.117	8.784	1.08	21.33
1.65	1.07	21.54	54.41	9.91	49.138	47.643	8.925	1.14	21.54
1.66	1.06	23.25	55.47	10.16	47.126	48.143	9.073	1.18	23.25
1.67	1.05	24.96	56.52	10.44	44.253	48.607	9.225	1.23	24.96
1.68	1.04	26.65	57.56	10.73	41.379	49.038	9.378	1.28	26.65
1.69	1.03	28.33	58.59	11.04	38.506	49.434	9.530	1.33	28.33
1.70	1.02	30.00	59.61	11.37	35.632	49.798	9.680	1.38	30.00

1.71	1.03	31.47	60.64	11.71	32.759	50.135	9.826	1.45	31.47
1.72	1.04	32.92	61.68	12.06	29.885	50.446	9.968	1.53	32.92
1.73	1.04	34.37	62.72	12.43	27.011	50.727	10.104	1.59	34.37
1.74	1.02	35.81	63.74	12.81	24.138	50.973	10.228	1.62	35.81
1.75	0.97	37.24	64.71	13.17	22.222	51.189	10.342	1.58	37.24
1.76	0.91	37.79	65.62	13.52	19.641	51.367	10.437	1.53	37.79
1.77	0.82	38.34	66.44	13.82	17.266	51.509	10.514	1.42	38.34
1.78	0.72	38.89	67.16	14.09	15.106	51.618	10.574	1.28	38.89
1.79	0.59	39.43	67.75	14.31	13.169	51.695	10.617	1.07	39.43
1.80	0.45	39.97	68.20	14.48	11.464	51.747	10.646	0.84	39.97
1.81	0.37	40.56	68.57	14.62	10.000	51.784	10.668	0.70	40.56
1.82	0.36	41.15	68.93	14.76	8.761	51.815	10.686	0.69	41.15
1.83	0.36	41.74	69.29	14.90	7.718	51.843	10.703	0.70	41.74
1.84	0.35	42.32	69.64	15.04	6.857	51.867	10.717	0.68	42.32
1.85	0.35	42.90	69.99	15.18	6.166	51.889	10.731	0.69	42.90
1.86	0.35	43.55	70.34	15.32	5.631	51.909	10.743	0.69	43.55
1.87	0.35	44.20	70.69	15.46	5.240	51.927	10.755	0.70	44.20
1.88	0.35	44.85	71.04	15.61	4.980	51.944	10.767	0.70	44.85
1.89	0.35	45.49	71.39	15.75	4.788	51.961	10.778	0.70	45.49
1.90	0.35	46.13	71.74	15.90	4.573	51.977	10.789	0.70	46.13
1.91	0.35	46.63	72.09	16.05	4.358	51.992	10.799	0.70	46.63
1.92	0.35	47.13	72.44	16.20	4.143	52.007	10.809	0.70	47.13
1.93	0.35	47.62	72.79	16.35	3.930	52.021	10.819	0.71	47.62
1.94	0.35	48.12	73.14	16.50	3.721	52.034	10.828	0.71	48.12
1.95	0.35	48.61	73.49	16.66	3.516	52.046	10.837	0.71	48.61
1.96	0.35	49.13	73.84	16.81	3.319	52.058	10.846	0.71	49.13
1.97	0.35	49.65	74.19	16.97	3.129	52.068	10.854	0.71	49.65
1.98	0.34	50.17	74.53	17.12	2.948	52.079	10.862	0.69	50.17
1.99	0.34	50.68	74.87	17.27	2.778	52.088	10.869	0.69	50.68
2.00	0.34	51.20	75.21	17.42	2.620	52.097	10.876	0.69	51.20
2.01	0.33	51.51	75.54	17.57	2.476	52.105	10.882	0.68	51.51
2.02	0.31	51.82	75.85	17.71	2.347	52.112	10.888	0.64	51.82
2.03	0.29	52.13	76.14	17.84	2.235	52.119	10.893	0.59	52.13
2.04	0.28	52.44	76.42	17.97	2.141	52.125	10.898	0.57	52.44
2.05	0.26	52.75	76.68	18.09	2.066	52.130	10.902	0.53	52.75
2.06	0.25	53.62	76.93	18.20	2.012	52.135	10.906	0.51	53.62
2.07	0.24	54.49	77.17	18.32	1.964	52.140	10.910	0.49	54.49
2.08	0.23	55.36	77.40	18.43	1.927	52.144	10.914	0.47	55.36
2.09	0.22	56.22	77.62	18.53	1.891	52.148	10.917	0.45	56.22
2.10	0.22	57.07	77.84	18.64	1.854	52.153	10.921	0.45	57.07
2.11	0.21	57.93	78.05	18.75	1.817	52.156	10.925	0.43	57.93
2.12	0.20	58.79	78.25	18.85	1.780	52.160	10.928	0.41	58.79
2.13	0.19	59.64	78.44	18.95	1.743	52.163	10.931	0.39	59.64
2.14	0.18	60.49	78.62	19.04	1.706	52.166	10.934	0.37	60.49
2.15	0.18	61.33	78.80	19.14	1.669	52.169	10.937	0.37	61.33
2.16	0.17	61.53	78.97	19.23	1.633	52.172	10.939	0.35	61.53
2.17	0.17	61.73	79.14	19.32	1.596	52.175	10.942	0.35	61.73
2.18	0.17	61.93	79.31	19.41	1.560	52.177	10.945	0.35	61.93
2.19	0.17	62.13	79.48	19.51	1.523	52.180	10.947	0.35	62.13
2.20	0.17	62.33	79.65	19.60	1.487	52.183	10.950	0.35	62.33
2.21	0.16	62.40	79.81	19.68	1.451	52.185	10.952	0.33	62.40
2.22	0.14	62.48	79.95	19.76	1.415	52.187	10.954	0.29	62.48
2.23	0.12	62.56	80.07	19.82	1.380	52.189	10.956	0.25	62.56
2.24	0.11	62.63	80.18	19.88	1.345	52.190	10.957	0.23	62.63
2.25	0.11	62.71	80.29	19.94	1.311	52.191	10.959	0.23	62.71
2.26	0.11	63.36	80.40	20.00	1.276	52.193	10.960	0.23	63.36
2.27	0.11	64.01	80.51	20.06	1.242	52.194	10.961	0.23	64.01
2.28	0.12	64.66	80.63	20.13	1.209	52.196	10.963	0.25	64.66
2.29	0.14	65.30	80.77	20.20	1.176	52.197	10.965	0.29	65.30
2.30	0.16	65.94	80.93	20.29	1.144	52.199	10.966	0.33	65.94

2.31	0.67	66.24	81.60	20.67	1.112	52.207	10.974	1.39	66.24
2.32	0.67	66.53	82.27	21.04	1.081	52.214	10.982	1.39	66.53
2.33	0.67	66.82	82.94	21.41	1.050	52.221	10.990	1.39	66.82
2.34	0.67	67.11	83.61	21.78	1.021	52.228	10.997	1.39	67.11
2.35	0.66	67.40	84.27	22.14	0.991	52.234	11.004	1.37	67.40
2.36	0.66	67.69	84.93	22.49	0.971	52.241	11.011	1.37	67.69
2.37	0.66	67.97	85.59	22.84	0.942	52.247	11.018	1.37	67.97
2.38	0.65	68.26	86.24	23.18	0.912	52.253	11.024	1.35	68.26
2.39	0.65	68.54	86.89	23.52	0.883	52.259	11.031	1.35	68.54
2.40	0.65	68.82	87.54	23.86	0.853	52.264	11.037	1.35	68.82
2.41	0.65	69.10	88.19	24.19	0.823	52.269	11.043	1.35	69.10
2.42	0.64	69.38	88.83	24.52	0.794	52.275	11.048	1.33	69.38
2.43	0.64	69.66	89.47	24.84	0.764	52.279	11.054	1.33	69.66
2.44	0.64	69.94	90.11	25.16	0.734	52.284	11.059	1.33	69.94
2.45	0.64	70.22	90.75	25.48	0.704	52.289	11.064	1.33	70.22
2.46	0.63	71.99	91.38	25.80	0.674	52.293	11.069	1.31	71.99
2.47	0.63	73.75	92.01	26.13	0.645	52.297	11.074	1.31	73.75
2.48	0.63	75.50	92.64	26.46	0.615	52.301	11.079	1.31	75.50
2.49	0.62	77.25	93.26	26.80	0.585	52.304	11.083	1.29	77.25
2.50	0.62	78.98	93.88	27.15	0.555	52.308	11.088	1.29	78.98
2.51	0.62	80.72	94.50	27.50	0.526	52.311	11.092	1.29	80.72
2.52	0.62	82.44	95.12	27.86	0.496	52.314	11.096	1.29	82.44
2.53	0.62	84.16	95.74	28.22	0.467	52.317	11.100	1.29	84.16
2.54	0.61	85.87	96.35	28.59	0.437	52.320	11.104	1.27	85.87
2.55	0.61	87.58	96.96	28.96	0.408	52.322	11.108	1.27	87.58
2.56	0.61	89.27	97.57	29.33	0.379	52.325	11.111	1.27	89.27
2.57	0.61	90.96	98.18	29.72	0.350	52.327	11.115	1.28	90.96
2.58	0.60	92.65	98.78	30.10	0.321	52.329	11.118	1.25	92.65
2.59	0.60	94.33	99.38	30.49	0.292	52.330	11.120	1.26	94.33
2.60	0.60	96.00	99.98	30.88	0.264	52.332	11.123	1.26	96.00

		CLEAN COAL ASH %	11.12	REFUSE ASH %	52.57
HEAD ASH %	30.88	CLEAN COAL YIELD%	52.33	REFUSE YIELD%	47.67
THEO. YIELD	58.85	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.693	IMPERFECTION	0.053		
NEAR GRAVITY MAT	19.655				
ORGANIC EFFCY:	88.93				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 23 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.34 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.85	0.19	0.85	0.19	98.537	0.838	0.190	0.04	0.19
1.25	0.95	0.38	1.80	0.29	98.499	1.773	0.290	0.05	0.38
1.26	1.05	0.56	2.85	0.39	98.461	2.807	0.390	0.05	0.56
1.27	1.14	0.74	3.99	0.49	98.423	3.929	0.490	0.06	0.74
1.28	1.24	0.91	5.23	0.59	98.385	5.149	0.589	0.07	0.91
1.29	1.33	1.09	6.56	0.69	98.347	6.457	0.691	0.07	1.09
1.30	1.42	1.26	7.98	0.79	98.309	7.853	0.792	0.08	1.26
1.31	1.51	1.44	9.49	0.90	98.271	9.337	0.895	0.09	1.44
1.32	1.60	1.82	11.09	1.03	98.232	10.909	1.028	0.09	1.82
1.33	1.69	2.41	12.78	1.21	98.194	12.568	1.211	0.10	2.41
1.34	1.77	3.00	14.55	1.43	98.156	14.306	1.428	0.11	3.00
1.35	1.86	3.58	16.41	1.67	98.117	16.131	1.671	0.12	3.58
1.36	1.94	4.16	18.35	1.94	98.078	18.033	1.934	0.12	4.16
1.37	2.02	4.73	20.37	2.21	98.039	20.014	2.211	0.13	4.73
1.38	2.10	5.30	22.47	2.50	98.000	22.072	2.499	0.14	5.30
1.39	2.18	5.87	24.65	2.80	97.871	24.205	2.796	0.15	5.87
1.40	2.26	6.43	26.91	3.10	97.585	26.411	3.099	0.18	6.43
1.41	2.57	6.75	29.48	3.42	97.177	28.908	3.415	0.24	6.75
1.42	3.03	7.07	32.51	3.76	96.680	31.838	3.751	0.33	7.07
1.43	3.37	7.38	35.88	4.10	96.128	35.077	4.086	0.43	7.38
1.44	3.58	7.70	39.46	4.43	95.557	38.498	4.407	0.53	7.70
1.45	3.67	8.01	43.13	4.73	95.000	41.984	4.707	0.61	8.01
1.46	3.63	8.87	46.76	5.05	94.445	45.413	5.021	0.67	8.87
1.47	3.47	9.73	50.23	5.38	93.796	48.668	5.336	0.71	9.73
1.48	3.18	10.58	53.41	5.69	92.959	51.624	5.636	0.74	10.58
1.49	2.77	11.43	56.18	5.97	91.842	54.168	5.908	0.75	11.43
1.50	2.23	12.27	58.41	6.21	90.351	56.183	6.136	0.71	12.27
1.51	1.87	13.24	60.28	6.43	88.056	57.829	6.339	0.74	13.24
1.52	1.76	14.21	62.04	6.65	85.857	59.340	6.538	0.82	14.21
1.53	1.64	15.17	63.68	6.87	83.441	60.709	6.734	0.90	15.17
1.54	1.52	16.12	65.20	7.08	80.849	61.938	6.920	0.96	16.12
1.55	1.39	17.07	66.59	7.29	78.118	63.023	7.095	1.01	17.07
1.56	1.25	17.89	67.84	7.49	75.287	63.965	7.254	1.02	17.89
1.57	1.10	18.70	68.94	7.67	72.126	64.758	7.394	1.01	18.70
1.58	0.95	19.50	69.89	7.83	69.253	65.416	7.516	0.97	19.50
1.59	0.79	20.30	70.68	7.97	66.379	65.940	7.617	0.88	20.30
1.60	0.62	21.10	71.30	8.08	63.506	66.334	7.697	0.75	21.10
1.61	0.53	21.94	71.83	8.18	60.632	66.655	7.766	0.69	21.94
1.62	0.53	22.78	72.36	8.29	57.759	66.961	7.835	0.74	22.78
1.63	0.52	23.62	72.88	8.40	54.885	67.247	7.902	0.78	23.62
1.64	0.51	24.45	73.39	8.51	52.011	67.512	7.967	0.81	24.45
1.65	0.50	25.27	73.89	8.63	49.138	67.758	8.029	0.84	25.27
1.66	0.48	26.23	74.37	8.74	47.126	67.984	8.090	0.84	26.23
1.67	0.46	27.19	74.83	8.85	44.253	68.188	8.147	0.85	27.19
1.68	0.44	28.13	75.27	8.96	41.379	68.370	8.200	0.85	28.13
1.69	0.42	29.08	75.69	9.08	38.506	68.531	8.249	0.85	29.08
1.70	0.39	30.01	76.08	9.18	35.632	68.670	8.293	0.83	30.01

1.71	0.38	30.88	76.46	9.29	32.759	68.795	8.334	0.85	30.88
1.72	0.39	31.73	76.85	9.41	29.885	68.911	8.374	0.90	31.73
1.73	0.40	32.59	77.25	9.53	27.011	69.019	8.412	0.97	32.59
1.74	0.40	33.43	77.65	9.65	24.138	69.116	8.447	1.00	33.43
1.75	0.39	34.28	78.04	9.77	22.222	69.203	8.479	1.00	34.28
1.76	0.37	35.11	78.41	9.89	19.641	69.275	8.507	0.98	35.11
1.77	0.35	35.94	78.76	10.01	17.266	69.336	8.531	0.96	35.94
1.78	0.32	36.77	79.08	10.12	15.106	69.384	8.551	0.90	36.77
1.79	0.28	37.59	79.36	10.21	13.169	69.421	8.566	0.80	37.59
1.80	0.23	38.40	79.59	10.29	11.464	69.447	8.577	0.67	38.40
1.81	0.20	39.10	79.79	10.37	10.000	69.467	8.586	0.60	39.10
1.82	0.19	39.80	79.98	10.44	8.761	69.484	8.594	0.57	39.80
1.83	0.19	40.50	80.17	10.51	7.718	69.499	8.600	0.58	40.50
1.84	0.18	41.19	80.35	10.58	6.857	69.511	8.606	0.55	41.19
1.85	0.17	41.88	80.52	10.64	6.166	69.521	8.611	0.53	41.88
1.86	0.16	42.50	80.68	10.71	5.631	69.530	8.616	0.50	42.50
1.87	0.16	43.11	80.84	10.77	5.240	69.539	8.620	0.50	43.11
1.88	0.15	43.72	80.99	10.83	4.980	69.546	8.624	0.47	43.72
1.89	0.14	44.32	81.13	10.89	4.788	69.553	8.627	0.44	44.32
1.90	0.14	44.93	81.27	10.95	4.573	69.559	8.630	0.44	44.93
1.91	0.14	45.42	81.41	11.01	4.358	69.565	8.634	0.44	45.42
1.92	0.13	45.91	81.54	11.06	4.143	69.571	8.636	0.41	45.91
1.93	0.13	46.39	81.67	11.12	3.930	69.576	8.639	0.41	46.39
1.94	0.13	46.88	81.80	11.17	3.721	69.581	8.642	0.41	46.88
1.95	0.13	47.36	81.93	11.23	3.516	69.585	8.644	0.41	47.36
1.96	0.13	48.08	82.06	11.29	3.319	69.590	8.647	0.42	48.08
1.97	0.13	48.80	82.19	11.35	3.129	69.594	8.649	0.42	48.80
1.98	0.14	49.52	82.33	11.41	2.948	69.598	8.652	0.45	49.52
1.99	0.14	50.23	82.47	11.48	2.778	69.602	8.654	0.45	50.23
2.00	0.14	50.94	82.61	11.55	2.620	69.605	8.656	0.45	50.94
2.01	0.14	51.45	82.75	11.61	2.476	69.609	8.658	0.45	51.45
2.02	0.14	51.95	82.89	11.68	2.347	69.612	8.660	0.45	51.95
2.03	0.14	52.46	83.03	11.75	2.235	69.615	8.662	0.45	52.46
2.04	0.14	52.96	83.17	11.82	2.141	69.618	8.664	0.45	52.96
2.05	0.14	53.45	83.31	11.89	2.066	69.621	8.666	0.45	53.45
2.06	0.14	54.12	83.45	11.96	2.012	69.624	8.668	0.45	54.12
2.07	0.14	54.78	83.59	12.03	1.964	69.627	8.670	0.45	54.78
2.08	0.14	55.44	83.73	12.11	1.927	69.629	8.672	0.45	55.44
2.09	0.14	56.10	83.87	12.18	1.891	69.632	8.673	0.45	56.10
2.10	0.14	56.75	84.01	12.25	1.854	69.635	8.675	0.45	56.75
2.11	0.13	57.25	84.14	12.32	1.817	69.637	8.677	0.42	57.25
2.12	0.13	57.75	84.27	12.39	1.780	69.639	8.678	0.42	57.75
2.13	0.12	58.24	84.39	12.46	1.743	69.641	8.680	0.39	58.24
2.14	0.12	58.73	84.51	12.52	1.706	69.644	8.681	0.39	58.73
2.15	0.12	59.22	84.63	12.59	1.669	69.646	8.683	0.39	59.22
2.16	0.11	59.75	84.74	12.65	1.633	69.647	8.684	0.36	59.75
2.17	0.11	60.27	84.85	12.71	1.596	69.649	8.686	0.36	60.27
2.18	0.11	60.78	84.96	12.78	1.560	69.651	8.687	0.36	60.78
2.19	0.11	61.30	85.07	12.84	1.523	69.652	8.688	0.36	61.30
2.20	0.12	61.81	85.19	12.91	1.487	69.654	8.689	0.39	61.81
2.21	0.11	62.11	85.30	12.97	1.451	69.656	8.691	0.36	62.11
2.22	0.10	62.40	85.40	13.03	1.415	69.657	8.692	0.33	62.40
2.23	0.09	62.69	85.49	13.08	1.380	69.659	8.693	0.29	62.69
2.24	0.08	62.98	85.57	13.13	1.345	69.660	8.694	0.26	62.98
2.25	0.08	63.26	85.65	13.17	1.311	69.661	8.694	0.26	63.26
2.26	0.08	64.04	85.73	13.22	1.276	69.662	8.695	0.26	64.04
2.27	0.08	64.82	85.81	13.27	1.242	69.663	8.696	0.26	64.82
2.28	0.09	65.60	85.90	13.33	1.209	69.664	8.697	0.29	65.60
2.29	0.10	66.37	86.00	13.39	1.176	69.665	8.698	0.33	66.37
2.30	0.11	67.14	86.11	13.46	1.144	69.666	8.699	0.36	67.14

2.31	0.49	67.78	86.60	13.76	1.112	69.672	8.704	1.60	67.78
2.32	0.49	68.42	87.09	14.07	1.081	69.677	8.708	1.60	68.42
2.33	0.49	69.06	87.58	14.38	1.050	69.682	8.713	1.60	69.06
2.34	0.48	69.69	88.06	14.68	1.021	69.687	8.717	1.57	69.69
2.35	0.48	70.33	88.54	14.98	0.991	69.692	8.721	1.57	70.33
2.36	0.48	70.96	89.02	15.28	0.971	69.696	8.725	1.57	70.96
2.37	0.48	71.59	89.50	15.58	0.942	69.701	8.729	1.57	71.59
2.38	0.48	72.21	89.98	15.89	0.912	69.705	8.733	1.57	72.21
2.39	0.47	72.83	90.45	16.18	0.883	69.709	8.737	1.54	72.83
2.40	0.47	73.45	90.92	16.48	0.853	69.713	8.741	1.54	73.45
2.41	0.47	74.07	91.39	16.78	0.823	69.717	8.744	1.54	74.07
2.42	0.47	74.68	91.86	17.07	0.794	69.721	8.748	1.54	74.68
2.43	0.47	75.30	92.33	17.37	0.764	69.725	8.751	1.54	75.30
2.44	0.46	75.90	92.79	17.66	0.734	69.728	8.755	1.51	75.90
2.45	0.46	76.51	93.25	17.95	0.704	69.731	8.758	1.51	76.51
2.46	0.46	77.85	93.71	18.24	0.674	69.734	8.761	1.51	77.85
2.47	0.46	79.18	94.17	18.54	0.645	69.737	8.764	1.51	79.18
2.48	0.46	80.50	94.63	18.84	0.615	69.740	8.767	1.51	80.50
2.49	0.46	81.82	95.09	19.15	0.585	69.743	8.770	1.51	81.82
2.50	0.45	83.14	95.54	19.45	0.555	69.745	8.772	1.48	83.14
2.51	0.45	84.45	95.99	19.75	0.526	69.748	8.775	1.48	84.45
2.52	0.45	85.75	96.44	20.06	0.496	69.750	8.777	1.48	85.75
2.53	0.45	87.05	96.89	20.37	0.467	69.752	8.780	1.48	87.05
2.54	0.45	88.34	97.34	20.69	0.437	69.754	8.782	1.48	88.34
2.55	0.44	89.63	97.78	21.00	0.408	69.756	8.784	1.45	89.63
2.56	0.44	90.92	98.22	21.31	0.379	69.757	8.786	1.45	90.92
2.57	0.44	92.19	98.66	21.62	0.350	69.759	8.788	1.45	92.19
2.58	0.44	93.47	99.10	21.94	0.321	69.760	8.790	1.45	93.47
2.59	0.44	94.74	99.54	22.27	0.292	69.762	8.791	1.45	94.74
2.60	0.44	96.00	99.98	22.59	0.264	69.763	8.793	1.45	96.00

		CLEAN COAL ASH %	8.79	REFUSE ASH %	54.42
HEAD ASH %	22.59	CLEAN COAL YIELD%	69.76	REFUSE YIELD%	30.24
THEO. YIELD	74.59	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.665	IMPERFECTION	0.093		
NEAR GRAVITY MAT	10.213				
ORGANIC EFFCY.	93.53				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 24 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 11.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	3.32	0.26	3.32	0.26	98.537	3.271	0.260	0.21	0.26
1.25	3.26	0.51	6.58	0.38	98.499	6.483	0.384	0.21	0.51
1.26	3.21	0.76	9.79	0.51	98.461	9.643	0.507	0.21	0.76
1.27	3.15	1.00	12.94	0.63	98.423	12.743	0.627	0.22	1.00
1.28	3.10	1.25	16.04	0.75	98.385	15.793	0.747	0.22	1.25
1.29	3.05	1.49	19.09	0.87	98.347	18.793	0.866	0.22	1.49
1.30	2.99	1.73	22.08	0.98	98.309	21.732	0.983	0.22	1.73
1.31	2.94	1.96	25.02	1.10	98.271	24.622	1.097	0.22	1.96
1.32	2.90	2.31	27.92	1.22	98.232	27.470	1.223	0.22	2.31
1.33	2.85	2.78	30.77	1.37	98.194	30.269	1.367	0.22	2.78
1.34	2.80	3.24	33.57	1.52	98.156	33.017	1.523	0.22	3.24
1.35	2.76	3.69	36.33	1.69	98.117	35.725	1.687	0.23	3.69
1.36	2.72	4.14	39.05	1.86	98.078	38.393	1.858	0.23	4.14
1.37	2.67	4.59	41.72	2.03	98.039	41.011	2.032	0.23	4.59
1.38	2.63	5.04	44.35	2.21	98.000	43.588	2.210	0.23	5.04
1.39	2.60	5.48	46.95	2.39	97.871	46.133	2.390	0.24	5.48
1.40	2.56	5.92	49.51	2.58	97.585	48.631	2.572	0.27	5.92
1.41	2.51	6.41	52.02	2.76	97.177	51.070	2.755	0.31	6.41
1.42	2.44	6.89	54.46	2.95	96.680	53.429	2.938	0.35	6.89
1.43	2.35	7.37	56.81	3.13	96.128	55.688	3.117	0.40	7.37
1.44	2.26	7.85	59.07	3.31	95.657	57.848	3.294	0.44	7.85
1.45	2.15	8.32	61.22	3.49	95.000	59.880	3.465	0.47	8.32
1.46	2.03	9.35	63.25	3.67	94.445	61.807	3.648	0.49	9.35
1.47	1.89	10.36	65.14	3.87	93.796	63.580	3.835	0.51	10.36
1.48	1.75	11.37	66.89	4.06	92.959	65.207	4.023	0.54	11.37
1.49	1.59	12.38	68.48	4.26	91.842	66.667	4.206	0.56	12.38
1.50	1.42	13.37	69.90	4.44	90.351	67.950	4.379	0.59	13.37
1.51	1.29	14.50	71.19	4.62	88.056	69.086	4.546	0.67	14.50
1.52	1.22	15.63	72.41	4.81	85.857	70.133	4.711	0.75	15.63
1.53	1.13	16.74	73.54	4.99	83.441	71.076	4.871	0.81	16.74
1.54	1.04	17.85	74.58	5.17	80.849	71.917	5.022	0.86	17.85
1.55	0.94	18.95	75.52	5.34	78.118	72.651	5.163	0.89	18.95
1.56	0.83	19.56	76.35	5.50	75.287	73.276	5.286	0.89	19.56
1.57	0.72	20.17	77.07	5.64	72.126	73.796	5.391	0.87	20.17
1.58	0.60	20.77	77.67	5.75	69.253	74.211	5.477	0.80	20.77
1.59	0.48	21.37	78.15	5.85	66.379	74.530	5.545	0.70	21.37
1.60	0.35	21.96	78.50	5.92	63.506	74.752	5.594	0.55	21.96
1.61	0.28	22.62	78.78	5.98	60.632	74.922	5.632	0.48	22.62
1.62	0.28	23.27	79.06	6.04	57.759	75.084	5.670	0.51	23.27
1.63	0.28	23.92	79.34	6.10	54.885	75.237	5.707	0.55	23.92
1.64	0.27	24.57	79.61	6.17	52.011	75.378	5.743	0.56	24.57
1.65	0.27	25.21	79.88	6.23	49.138	75.510	5.777	0.60	25.21
1.66	0.27	26.11	80.15	6.30	47.126	75.638	5.811	0.62	26.11
1.67	0.28	27.01	80.43	6.37	44.253	75.761	5.846	0.68	27.01
1.68	0.28	27.90	80.71	6.44	41.379	75.877	5.879	0.71	27.90
1.69	0.28	28.78	80.99	6.52	38.506	75.986	5.912	0.75	28.78
1.70	0.28	29.67	81.27	6.60	35.632	76.085	5.943	0.78	29.67

1.71	0.29	30.21	81.56	6.69	32.759	76.180	5.973	0.85	30.21
1.72	0.29	30.75	81.85	6.77	29.885	76.267	6.001	0.88	30.75
1.73	0.30	31.29	82.15	6.86	27.011	76.348	6.028	0.95	31.29
1.74	0.30	31.82	82.45	6.95	24.138	76.420	6.053	0.99	31.82
1.75	0.30	32.35	82.75	7.04	22.222	76.487	6.076	1.01	32.35
1.76	0.29	33.48	83.04	7.14	19.641	76.544	6.096	1.01	33.48
1.77	0.29	34.60	83.33	7.23	17.266	76.594	6.115	1.04	34.60
1.78	0.28	35.71	83.61	7.33	15.106	76.636	6.131	1.03	35.71
1.79	0.27	36.82	83.88	7.42	13.169	76.672	6.145	1.02	36.82
1.80	0.26	37.92	84.14	7.52	11.464	76.701	6.158	1.00	37.92
1.81	0.24	39.08	84.38	7.61	10.000	76.725	6.168	0.94	39.08
1.82	0.20	40.24	84.58	7.68	8.761	76.743	6.176	0.79	40.24
1.83	0.18	41.39	84.76	7.75	7.718	76.757	6.182	0.72	41.39
1.84	0.16	42.53	84.92	7.82	6.857	76.768	6.187	0.65	42.53
1.85	0.14	43.67	85.06	7.88	6.166	76.776	6.191	0.57	43.67
1.86	0.12	43.68	85.18	7.93	5.631	76.783	6.195	0.49	43.68
1.87	0.12	43.70	85.30	7.98	5.240	76.789	6.198	0.49	43.70
1.88	0.11	43.71	85.41	8.03	4.980	76.795	6.201	0.45	43.71
1.89	0.11	43.72	85.52	8.07	4.788	76.800	6.203	0.45	43.72
1.90	0.12	43.74	85.64	8.12	4.573	76.806	6.206	0.50	43.74
1.91	0.12	43.81	85.76	8.17	4.358	76.811	6.208	0.50	43.81
1.92	0.12	43.87	85.88	8.22	4.143	76.816	6.211	0.50	43.87
1.93	0.12	43.94	86.00	8.27	3.930	76.821	6.213	0.50	43.94
1.94	0.12	44.01	86.12	8.32	3.721	76.825	6.215	0.50	44.01
1.95	0.12	44.08	86.24	8.37	3.516	76.829	6.217	0.50	44.08
1.96	0.12	44.69	86.36	8.42	3.319	76.833	6.219	0.50	44.69
1.97	0.12	45.31	86.48	8.47	3.129	76.837	6.221	0.50	45.31
1.98	0.12	45.92	86.60	8.52	2.948	76.841	6.223	0.51	45.92
1.99	0.12	46.53	86.72	8.58	2.778	76.844	6.225	0.51	46.53
2.00	0.12	47.14	86.84	8.63	2.620	76.847	6.227	0.51	47.14
2.01	0.12	47.50	86.96	8.68	2.476	76.850	6.228	0.51	47.50
2.02	0.12	47.85	87.08	8.74	2.347	76.853	6.230	0.51	47.85
2.03	0.12	48.21	87.20	8.79	2.235	76.856	6.231	0.51	48.21
2.04	0.12	48.57	87.32	8.85	2.141	76.858	6.233	0.51	48.57
2.05	0.12	48.92	87.44	8.90	2.066	76.861	6.234	0.51	48.92
2.06	0.12	49.47	87.56	8.96	2.012	76.863	6.235	0.51	49.47
2.07	0.12	50.03	87.68	9.01	1.964	76.865	6.237	0.51	50.03
2.08	0.12	50.57	87.80	9.07	1.927	76.868	6.238	0.51	50.57
2.09	0.12	51.12	87.92	9.13	1.891	76.870	6.239	0.51	51.12
2.10	0.12	51.67	88.04	9.19	1.854	76.872	6.241	0.51	51.67
2.11	0.12	52.05	88.16	9.24	1.817	76.874	6.242	0.51	52.05
2.12	0.11	52.44	88.27	9.30	1.780	76.876	6.243	0.47	52.44
2.13	0.10	52.82	88.37	9.35	1.743	76.878	6.244	0.43	52.82
2.14	0.10	53.20	88.47	9.40	1.706	76.880	6.245	0.43	53.20
2.15	0.09	53.58	88.56	9.44	1.669	76.881	6.246	0.38	53.58
2.16	0.08	53.95	88.64	9.48	1.633	76.883	6.247	0.34	53.95
2.17	0.08	54.33	88.72	9.52	1.596	76.884	6.248	0.34	54.33
2.18	0.08	54.70	88.80	9.56	1.560	76.885	6.249	0.34	54.70
2.19	0.08	55.07	88.88	9.60	1.523	76.886	6.249	0.34	55.07
2.20	0.08	55.44	88.96	9.64	1.487	76.887	6.250	0.34	55.44
2.21	0.08	56.06	89.04	9.69	1.451	76.889	6.251	0.34	56.06
2.22	0.08	56.68	89.12	9.73	1.415	76.890	6.252	0.34	56.68
2.23	0.08	57.30	89.20	9.77	1.380	76.891	6.252	0.34	57.30
2.24	0.08	57.91	89.28	9.81	1.345	76.892	6.253	0.34	57.91
2.25	0.08	58.52	89.36	9.86	1.311	76.893	6.254	0.34	58.52
2.26	0.09	59.13	89.45	9.91	1.276	76.894	6.255	0.39	59.13
2.27	0.09	59.74	89.54	9.96	1.242	76.895	6.255	0.39	59.74
2.28	0.10	60.34	89.64	10.01	1.209	76.896	6.256	0.43	60.34
2.29	0.11	60.94	89.75	10.08	1.176	76.898	6.257	0.47	60.94
2.30	0.11	61.53	89.86	10.14	1.144	76.899	6.258	0.47	61.53

2.31	0.36	61.68	90.22	10.35	1.112	76.903	6.261	1.55	61.68
2.32	0.36	61.82	90.58	10.55	1.081	76.907	6.264	1.55	61.82
2.33	0.36	61.96	90.94	10.75	1.050	76.911	6.266	1.55	61.96
2.34	0.36	62.10	91.30	10.96	1.021	76.914	6.269	1.55	62.10
2.35	0.35	62.24	91.65	11.15	0.991	76.918	6.272	1.50	62.24
2.36	0.35	62.38	92.00	11.35	0.971	76.921	6.274	1.50	62.38
2.37	0.35	62.52	92.35	11.54	0.942	76.925	6.276	1.51	62.52
2.38	0.35	62.66	92.70	11.73	0.912	76.928	6.279	1.51	62.66
2.39	0.35	62.80	93.05	11.93	0.883	76.931	6.281	1.51	62.80
2.40	0.35	62.93	93.40	12.12	0.853	76.934	6.283	1.51	62.93
2.41	0.34	63.07	93.74	12.30	0.823	76.937	6.285	1.46	63.07
2.42	0.34	63.21	94.08	12.49	0.794	76.939	6.287	1.46	63.21
2.43	0.34	63.34	94.42	12.67	0.764	76.942	6.289	1.47	63.34
2.44	0.34	63.48	94.76	12.85	0.734	76.944	6.291	1.47	63.48
2.45	0.34	63.61	95.10	13.03	0.704	76.947	6.293	1.47	63.61
2.46	0.34	65.83	95.44	13.22	0.674	76.949	6.295	1.47	65.83
2.47	0.34	68.04	95.78	13.41	0.645	76.951	6.296	1.47	68.04
2.48	0.34	70.25	96.12	13.62	0.615	76.953	6.298	1.47	70.25
2.49	0.33	72.44	96.45	13.82	0.585	76.955	6.300	1.42	72.44
2.50	0.33	74.62	96.78	14.02	0.555	76.957	6.302	1.42	74.62
2.51	0.33	76.80	97.11	14.24	0.526	76.959	6.303	1.43	76.80
2.52	0.33	78.97	97.44	14.46	0.496	76.960	6.305	1.43	78.97
2.53	0.33	81.12	97.77	14.68	0.467	76.962	6.306	1.43	81.12
2.54	0.33	83.27	98.10	14.91	0.437	76.963	6.308	1.43	83.27
2.55	0.33	85.42	98.43	15.15	0.408	76.965	6.309	1.43	85.42
2.56	0.32	87.55	98.75	15.38	0.379	76.966	6.310	1.38	87.55
2.57	0.32	89.67	99.07	15.62	0.350	76.967	6.311	1.38	89.67
2.58	0.32	91.79	99.39	15.87	0.321	76.968	6.313	1.39	91.79
2.59	0.32	93.90	99.71	16.12	0.292	76.969	6.314	1.39	93.90
2.60	0.32	96.00	100.03	16.37	0.264	76.970	6.315	1.39	96.00

		CLEAN COAL ASH %	6.31	REFUSE ASH %	50.00
HEAD ASH %	16.37	CLEAN COAL YIELD%	76.97	REFUSE YIELD%	23.03
THEO. YIELD	80.22	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.662	IMPERFECTION	0.053		
NEAR GRAVITY MAT	6.589				
ORGANIC EFFCY.	95.95				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 41 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.71 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.23	0.21	0.23	0.21	98.537	0.227	0.210	0.01	0.21
1.25	0.33	0.42	0.56	0.33	98.499	0.552	0.334	0.01	0.42
1.26	0.44	0.62	1.00	0.46	98.461	0.985	0.460	0.02	0.62
1.27	0.55	0.81	1.55	0.58	98.423	1.526	0.584	0.02	0.81
1.28	0.65	1.01	2.20	0.71	98.385	2.166	0.710	0.03	1.01
1.29	0.76	1.21	2.96	0.84	98.347	2.913	0.838	0.03	1.21
1.30	0.87	1.40	3.83	0.97	98.309	3.768	0.966	0.04	1.40
1.31	0.98	1.59	4.81	1.09	98.271	4.732	1.093	0.04	1.59
1.32	1.09	1.90	5.90	1.24	98.232	5.802	1.242	0.05	1.90
1.33	1.20	2.33	7.10	1.43	98.194	6.981	1.425	0.06	2.33
1.34	1.31	2.75	8.41	1.63	98.156	8.266	1.631	0.06	2.75
1.35	1.42	3.16	9.83	1.85	98.117	9.660	1.852	0.07	3.16
1.36	1.53	3.58	11.36	2.09	98.078	11.160	2.084	0.08	3.58
1.37	1.64	3.99	13.00	2.33	98.039	12.768	2.324	0.08	3.99
1.38	1.75	4.40	14.75	2.57	98.000	14.483	2.570	0.09	4.40
1.39	1.86	4.80	16.61	2.82	97.871	16.304	2.819	0.10	4.80
1.40	1.98	5.20	18.59	3.07	97.585	18.236	3.071	0.12	5.20
1.41	2.34	5.34	20.93	3.33	97.177	20.510	3.323	0.17	5.34
1.42	2.86	5.48	23.79	3.59	96.680	23.275	3.579	0.25	5.48
1.43	3.23	5.62	27.02	3.83	96.128	26.380	3.819	0.33	5.62
1.44	3.46	5.75	30.48	4.05	95.557	29.686	4.034	0.40	5.75
1.45	3.54	5.89	34.02	4.24	95.000	33.049	4.223	0.46	5.89
1.46	3.48	6.88	37.50	4.48	94.445	36.336	4.464	0.50	6.88
1.47	3.27	7.87	40.77	4.76	93.796	39.403	4.729	0.53	7.87
1.48	2.92	8.85	43.69	5.03	92.959	42.117	4.994	0.54	8.85
1.49	2.42	9.82	46.11	5.28	91.842	44.340	5.236	0.52	9.82
1.50	1.77	10.79	47.88	5.48	90.351	45.939	5.430	0.45	10.79
1.51	1.38	11.71	49.26	5.66	88.056	47.154	5.591	0.43	11.71
1.52	1.34	12.63	50.60	5.84	85.857	48.305	5.759	0.49	12.63
1.53	1.30	13.53	51.90	6.04	83.441	49.389	5.930	0.56	13.53
1.54	1.25	14.37	53.15	6.23	80.849	50.400	6.099	0.62	14.37
1.55	1.20	15.14	54.35	6.43	78.118	51.337	6.264	0.69	15.14
1.56	1.16	15.86	55.51	6.63	75.287	52.211	6.425	0.75	15.86
1.57	1.11	16.58	56.62	6.82	72.126	53.011	6.578	0.81	16.58
1.58	1.06	17.30	57.68	7.01	69.253	53.745	6.724	0.85	17.30
1.59	1.01	18.02	58.69	7.20	66.379	54.416	6.864	0.89	18.02
1.60	0.96	18.73	59.65	7.39	63.506	55.025	6.995	0.91	18.73
1.61	0.95	19.41	60.60	7.58	60.632	55.601	7.124	0.98	19.41
1.62	0.97	20.08	61.57	7.77	57.759	56.162	7.253	1.07	20.08
1.63	0.98	20.74	62.55	7.98	54.885	56.700	7.381	1.15	20.74
1.64	0.98	21.40	63.53	8.18	52.011	57.209	7.506	1.23	21.40
1.65	0.96	22.06	64.49	8.39	49.138	57.681	7.625	1.27	22.06
1.66	0.94	22.74	65.43	8.60	47.126	58.124	7.740	1.30	22.74
1.67	0.90	23.43	66.33	8.80	44.253	58.522	7.847	1.31	23.43
1.68	0.85	24.10	67.18	8.99	41.379	58.874	7.944	1.30	24.10
1.69	0.80	24.78	67.98	9.18	38.506	59.182	8.031	1.28	24.78
1.70	0.73	25.45	68.71	9.35	35.632	59.442	8.108	1.23	25.45

1.71	0.69	25.73	69.40	9.51	32.759	59.668	8.174	1.21	25.73
1.72	0.68	26.01	70.08	9.67	29.885	59.871	8.235	1.24	26.01
1.73	0.68	26.28	70.76	9.83	27.011	60.055	8.290	1.30	26.28
1.74	0.68	26.56	71.44	9.99	24.138	60.219	8.340	1.35	26.56
1.75	0.67	26.83	72.11	10.15	22.222	60.368	8.386	1.36	26.83
1.76	0.67	28.21	72.78	10.31	19.641	60.500	8.429	1.41	28.21
1.77	0.67	29.57	73.45	10.49	17.266	60.615	8.469	1.45	29.57
1.78	0.68	30.93	74.13	10.68	15.106	60.718	8.507	1.51	30.93
1.79	0.68	32.28	74.81	10.87	13.169	60.808	8.542	1.54	32.28
1.80	0.68	33.62	75.49	11.08	11.464	60.886	8.574	1.57	33.62
1.81	0.69	34.83	76.18	11.29	10.000	60.955	8.604	1.62	34.83
1.82	0.69	36.04	76.87	11.52	8.761	61.015	8.631	1.64	36.04
1.83	0.69	37.23	77.56	11.75	7.718	61.068	8.656	1.66	37.23
1.84	0.69	38.42	78.25	11.98	6.857	61.116	8.679	1.68	38.42
1.85	0.69	39.61	78.94	12.22	6.166	61.158	8.701	1.69	39.61
1.86	0.69	39.75	79.63	12.46	5.631	61.197	8.720	1.70	39.75
1.87	0.69	39.90	80.32	12.70	5.240	61.233	8.739	1.71	39.90
1.88	0.69	40.04	81.01	12.93	4.980	61.268	8.756	1.71	40.04
1.89	0.69	40.18	81.70	13.16	4.788	61.301	8.773	1.71	40.18
1.90	0.68	40.33	82.38	13.38	4.573	61.332	8.789	1.69	40.33
1.91	0.67	40.46	83.05	13.60	4.358	61.361	8.804	1.67	40.46
1.92	0.64	40.60	83.69	13.81	4.143	61.387	8.818	1.60	40.60
1.93	0.61	40.73	84.30	14.00	3.930	61.411	8.831	1.53	40.73
1.94	0.59	40.86	84.89	14.19	3.721	61.433	8.842	1.48	40.86
1.95	0.56	41.00	85.45	14.37	3.516	61.453	8.852	1.41	41.00
1.96	0.54	41.93	85.99	14.54	3.319	61.471	8.862	1.36	41.93
1.97	0.53	42.86	86.52	14.71	3.129	61.487	8.871	1.34	42.86
1.98	0.51	43.78	87.03	14.88	2.948	61.503	8.880	1.29	43.78
1.99	0.50	44.70	87.53	15.05	2.778	61.516	8.888	1.27	44.70
2.00	0.48	45.61	88.01	15.22	2.620	61.529	8.895	1.22	45.61
2.01	0.47	46.38	88.48	15.39	2.476	61.541	8.902	1.20	46.38
2.02	0.45	47.15	88.93	15.55	2.347	61.551	8.909	1.15	47.15
2.03	0.42	47.91	89.35	15.70	2.235	61.561	8.915	1.07	47.91
2.04	0.40	48.66	89.75	15.84	2.141	61.569	8.920	1.02	48.66
2.05	0.37	49.42	90.12	15.98	2.066	61.577	8.925	0.95	49.42
2.06	0.34	50.06	90.46	16.11	2.012	61.584	8.930	0.87	50.06
2.07	0.31	50.70	90.77	16.23	1.964	61.590	8.934	0.79	50.70
2.08	0.27	51.33	91.04	16.33	1.927	61.595	8.938	0.69	51.33
2.09	0.24	51.97	91.28	16.43	1.891	61.599	8.941	0.61	51.97
2.10	0.20	52.59	91.48	16.51	1.854	61.603	8.943	0.51	52.59
2.11	0.17	53.25	91.65	16.57	1.817	61.606	8.946	0.44	53.25
2.12	0.16	53.91	91.81	16.64	1.780	61.609	8.948	0.41	53.91
2.13	0.16	54.57	91.97	16.70	1.743	61.612	8.950	0.41	54.57
2.14	0.15	55.22	92.12	16.77	1.706	61.614	8.952	0.38	55.22
2.15	0.14	55.87	92.26	16.83	1.669	61.617	8.954	0.36	55.87
2.16	0.14	56.51	92.40	16.89	1.633	61.619	8.955	0.36	56.51
2.17	0.13	57.15	92.53	16.94	1.596	61.621	8.957	0.33	57.15
2.18	0.13	57.79	92.66	17.00	1.560	61.623	8.959	0.33	57.79
2.19	0.13	58.43	92.79	17.06	1.523	61.625	8.960	0.33	58.43
2.20	0.13	59.06	92.92	17.12	1.487	61.627	8.962	0.33	59.06
2.21	0.13	59.75	93.05	17.18	1.451	61.629	8.963	0.33	59.75
2.22	0.13	60.43	93.18	17.24	1.415	61.631	8.965	0.33	60.43
2.23	0.13	61.11	93.31	17.30	1.380	61.633	8.966	0.33	61.11
2.24	0.13	61.78	93.44	17.36	1.345	61.634	8.968	0.33	61.78
2.25	0.14	62.46	93.58	17.43	1.311	61.636	8.969	0.36	62.46
2.26	0.14	63.13	93.72	17.50	1.276	61.638	8.971	0.36	63.13
2.27	0.15	63.79	93.87	17.57	1.242	61.640	8.973	0.39	63.79
2.28	0.16	64.46	94.03	17.65	1.209	61.642	8.974	0.41	64.46
2.29	0.17	65.12	94.20	17.74	1.176	61.644	8.976	0.44	65.12
2.30	0.17	65.77	94.37	17.82	1.144	61.646	8.978	0.44	65.77

2.31	0.20	65.97	94.57	17.92	1.112	61.648	8.980	0.52	65.97
2.32	0.20	66.16	94.77	18.03	1.081	61.650	8.982	0.52	66.16
2.33	0.20	66.35	94.97	18.13	1.050	61.652	8.984	0.52	66.35
2.34	0.20	66.55	95.17	18.23	1.021	61.654	8.986	0.52	66.55
2.35	0.20	66.74	95.37	18.33	0.991	61.656	8.988	0.52	66.74
2.36	0.19	66.93	95.56	18.43	0.971	61.658	8.990	0.49	66.93
2.37	0.19	67.12	95.75	18.52	0.942	61.660	8.991	0.49	67.12
2.38	0.19	67.31	95.94	18.62	0.912	61.662	8.993	0.49	67.31
2.39	0.19	67.49	96.13	18.72	0.883	61.663	8.995	0.49	67.49
2.40	0.19	67.68	96.32	18.81	0.853	61.665	8.996	0.49	67.68
2.41	0.19	67.87	96.51	18.91	0.823	61.666	8.998	0.49	67.87
2.42	0.19	68.05	96.70	19.01	0.794	61.668	8.999	0.49	68.05
2.43	0.19	68.24	96.89	19.10	0.764	61.669	9.000	0.49	68.24
2.44	0.19	68.42	97.08	19.20	0.734	61.671	9.002	0.49	68.42
2.45	0.19	68.60	97.27	19.30	0.704	61.672	9.003	0.49	68.60
2.46	0.19	70.48	97.46	19.40	0.674	61.673	9.004	0.49	70.48
2.47	0.19	72.35	97.65	19.50	0.645	61.675	9.006	0.49	72.35
2.48	0.18	74.21	97.83	19.60	0.615	61.676	9.007	0.47	74.21
2.49	0.18	76.07	98.01	19.70	0.585	61.677	9.008	0.47	76.07
2.50	0.18	77.92	98.19	19.81	0.555	61.678	9.009	0.47	77.92
2.51	0.18	79.76	98.37	19.92	0.526	61.679	9.010	0.47	79.76
2.52	0.18	81.59	98.55	20.03	0.496	61.680	9.011	0.47	81.59
2.53	0.18	83.42	98.73	20.15	0.467	61.680	9.012	0.47	83.42
2.54	0.18	85.24	98.91	20.27	0.437	61.681	9.013	0.47	85.24
2.55	0.18	87.05	99.09	20.39	0.408	61.682	9.014	0.47	87.05
2.56	0.18	88.85	99.27	20.51	0.379	61.683	9.015	0.47	88.85
2.57	0.18	90.65	99.45	20.64	0.350	61.683	9.016	0.47	90.65
2.58	0.18	92.44	99.63	20.77	0.321	61.684	9.017	0.47	92.44
2.59	0.18	94.22	99.81	20.90	0.292	61.684	9.017	0.47	94.22
2.60	0.18	96.00	99.99	21.04	0.264	61.685	9.018	0.47	96.00

		CLEAN COAL ASH %	9.02	REFUSE ASH %	40.39
HEAD ASH %	21.04	CLEAN COAL YIELD%	61.68	REFUSE YIELD%	38.32
THEO. YIELD	67.29	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.681	IMPERFECTION	0.053		
NEAR GRAVITY MAT	16.403				
ORGANIC EFFCY.	91.67				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 42 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL SINK WT%	CUM. ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	1.10	0.44	1.10	0.44	98.537	1.084	0.440	0.04	0.44
1.25	1.17	0.87	2.27	0.66	98.499	2.236	0.662	0.04	0.87
1.26	1.24	1.30	3.51	0.89	98.461	3.457	0.887	0.05	1.30
1.27	1.30	1.72	4.81	1.11	98.423	4.737	1.112	0.05	1.72
1.28	1.37	2.14	6.18	1.34	98.385	6.085	1.340	0.05	2.14
1.29	1.43	2.55	7.61	1.57	98.347	7.491	1.567	0.06	2.55
1.30	1.48	2.96	9.09	1.79	98.309	8.946	1.794	0.06	2.96
1.31	1.54	3.37	10.63	2.02	98.271	10.459	2.022	0.06	3.37
1.32	1.59	3.79	12.22	2.25	98.232	12.021	2.251	0.07	3.79
1.33	1.63	4.21	13.85	2.48	98.194	13.622	2.482	0.07	4.21
1.34	1.68	4.62	15.53	2.71	98.156	15.271	2.712	0.08	4.62
1.35	1.72	5.04	17.25	2.95	98.117	16.958	2.944	0.08	5.04
1.36	1.76	5.45	19.01	3.18	98.078	18.685	3.176	0.08	5.45
1.37	1.79	5.85	20.80	3.41	98.039	20.439	3.405	0.09	5.85
1.38	1.83	6.26	22.63	3.64	98.000	22.233	3.635	0.09	6.26
1.39	1.86	6.66	24.49	3.87	97.871	24.053	3.864	0.10	6.66
1.40	1.88	7.06	26.37	4.10	97.585	25.888	4.091	0.11	7.06
1.41	2.14	7.33	28.51	4.34	97.177	27.967	4.332	0.15	7.33
1.42	2.54	7.61	31.05	4.61	96.680	30.423	4.596	0.21	7.61
1.43	2.83	7.88	33.88	4.88	96.128	33.144	4.866	0.27	7.88
1.44	3.00	8.16	36.88	5.15	95.557	36.010	5.128	0.33	8.16
1.45	3.04	8.43	39.92	5.40	95.000	38.898	5.373	0.37	8.43
1.46	2.97	9.27	42.89	5.66	94.445	41.703	5.635	0.40	9.27
1.47	2.78	10.10	45.67	5.93	93.796	44.311	5.898	0.42	10.10
1.48	2.46	10.93	48.13	6.19	92.959	46.598	6.145	0.42	10.93
1.49	2.03	11.75	50.16	6.41	91.842	48.462	6.361	0.40	11.75
1.50	1.48	12.57	51.64	6.59	90.351	49.799	6.527	0.35	12.57
1.51	1.11	13.48	52.75	6.74	88.056	50.777	6.661	0.32	13.48
1.52	1.01	14.37	53.76	6.88	85.857	51.644	6.791	0.35	14.37
1.53	0.91	15.27	54.67	7.02	83.441	52.403	6.914	0.37	15.27
1.54	0.83	16.15	55.50	7.16	80.849	53.074	7.030	0.39	16.15
1.55	0.75	17.04	56.25	7.29	78.118	53.660	7.140	0.40	17.04
1.56	0.68	17.89	56.93	7.41	75.287	54.172	7.241	0.41	17.89
1.57	0.62	18.75	57.55	7.54	72.126	54.619	7.335	0.42	18.75
1.58	0.57	19.59	58.12	7.65	69.253	55.014	7.423	0.43	19.59
1.59	0.52	20.44	58.64	7.77	66.379	55.359	7.505	0.43	20.44
1.60	0.49	21.27	59.13	7.88	63.506	55.670	7.581	0.44	21.27
1.61	0.48	22.13	59.61	7.99	60.632	55.961	7.657	0.46	22.13
1.62	0.49	22.97	60.10	8.12	57.759	56.244	7.734	0.50	22.97
1.63	0.50	23.82	60.60	8.25	54.885	56.519	7.812	0.55	23.82
1.64	0.49	24.65	61.09	8.38	52.011	56.774	7.888	0.57	24.65
1.65	0.48	25.49	61.57	8.51	49.138	57.009	7.961	0.60	25.49
1.66	0.47	26.36	62.04	8.65	47.126	57.231	8.032	0.61	26.36
1.67	0.45	27.24	62.49	8.78	44.253	57.430	8.099	0.61	27.24
1.68	0.42	28.11	62.91	8.91	41.379	57.604	8.159	0.60	28.11
1.69	0.38	28.97	63.29	9.03	38.506	57.750	8.212	0.57	28.97
1.70	0.34	29.83	63.63	9.14	35.632	57.871	8.257	0.53	29.83

1.71	0.32	30.44	63.95	9.25	32.759	57.976	8.297	0.52	30.44
1.72	0.32	31.05	64.27	9.36	29.885	58.072	8.334	0.55	31.05
1.73	0.31	31.66	64.58	9.46	27.011	58.156	8.368	0.55	31.66
1.74	0.31	32.26	64.89	9.57	24.138	58.230	8.399	0.57	32.26
1.75	0.31	32.86	65.20	9.68	22.222	58.299	8.428	0.59	32.86
1.76	0.31	34.05	65.51	9.80	19.641	58.360	8.454	0.61	34.05
1.77	0.30	35.22	65.81	9.91	17.266	58.412	8.478	0.61	35.22
1.78	0.30	36.40	66.11	10.03	15.106	58.457	8.500	0.62	36.40
1.79	0.29	37.56	66.40	10.15	13.169	58.495	8.519	0.61	37.56
1.80	0.29	38.72	66.69	10.28	11.464	58.529	8.536	0.63	38.72
1.81	0.29	39.69	66.98	10.41	10.000	58.558	8.551	0.64	39.69
1.82	0.29	40.61	67.27	10.54	8.761	58.583	8.565	0.65	40.61
1.83	0.28	41.45	67.55	10.66	7.718	58.605	8.577	0.63	41.45
1.84	0.28	42.19	67.83	10.79	6.857	58.624	8.588	0.64	42.19
1.85	0.28	42.81	68.11	10.93	6.166	58.641	8.598	0.64	42.81
1.86	0.27	43.36	68.38	11.05	5.631	58.656	8.608	0.62	43.36
1.87	0.27	43.90	68.65	11.18	5.240	58.671	8.616	0.62	43.90
1.88	0.26	44.44	68.91	11.31	4.980	58.683	8.624	0.60	44.44
1.89	0.26	44.97	69.17	11.44	4.788	58.696	8.632	0.60	44.97
1.90	0.25	45.50	69.42	11.56	4.573	58.707	8.639	0.58	45.50
1.91	0.24	46.06	69.66	11.68	4.358	58.718	8.645	0.56	46.06
1.92	0.22	46.61	69.88	11.79	4.143	58.727	8.651	0.51	46.61
1.93	0.21	47.17	70.09	11.89	3.930	58.735	8.657	0.49	47.17
1.94	0.20	47.71	70.29	11.99	3.721	58.743	8.662	0.47	47.71
1.95	0.19	48.26	70.48	12.09	3.516	58.749	8.666	0.45	48.26
1.96	0.19	48.80	70.67	12.19	3.319	58.756	8.671	0.45	48.80
1.97	0.18	49.34	70.85	12.29	3.129	58.761	8.674	0.43	49.34
1.98	0.17	49.88	71.02	12.38	2.948	58.766	8.678	0.40	49.88
1.99	0.17	50.42	71.19	12.47	2.778	58.771	8.681	0.40	50.42
2.00	0.16	50.95	71.35	12.55	2.620	58.775	8.684	0.38	50.95
2.01	0.16	51.47	71.51	12.64	2.476	58.779	8.687	0.38	51.47
2.02	0.15	51.98	71.66	12.72	2.347	58.783	8.690	0.36	51.98
2.03	0.15	52.50	71.81	12.81	2.235	58.786	8.692	0.36	52.50
2.04	0.15	53.01	71.96	12.89	2.141	58.789	8.695	0.36	53.01
2.05	0.15	53.52	72.11	12.97	2.066	58.792	8.697	0.36	53.52
2.06	0.15	54.02	72.26	13.06	2.012	58.795	8.699	0.36	54.02
2.07	0.15	54.53	72.41	13.14	1.964	58.798	8.702	0.36	54.53
2.08	0.16	55.03	72.57	13.24	1.927	58.801	8.704	0.38	55.03
2.09	0.16	55.53	72.73	13.33	1.891	58.804	8.707	0.38	55.53
2.10	0.16	56.02	72.89	13.42	1.854	58.807	8.709	0.38	56.02
2.11	0.16	56.41	73.05	13.52	1.817	58.810	8.711	0.38	56.41
2.12	0.14	56.79	73.19	13.60	1.780	58.813	8.713	0.34	56.79
2.13	0.12	57.17	73.31	13.67	1.743	58.815	8.715	0.29	57.17
2.14	0.11	57.55	73.42	13.74	1.706	58.817	8.717	0.26	57.55
2.15	0.09	57.93	73.51	13.79	1.669	58.818	8.718	0.22	57.93
2.16	0.08	58.30	73.59	13.84	1.633	58.820	8.719	0.19	58.30
2.17	0.08	58.67	73.67	13.89	1.596	58.821	8.720	0.19	58.67
2.18	0.07	59.05	73.74	13.93	1.560	58.822	8.721	0.17	59.05
2.19	0.07	59.42	73.81	13.97	1.523	58.823	8.722	0.17	59.42
2.20	0.06	59.79	73.87	14.01	1.487	58.824	8.723	0.14	59.79
2.21	0.06	60.58	73.93	14.05	1.451	58.825	8.724	0.14	60.58
2.22	0.07	61.38	74.00	14.09	1.415	58.826	8.724	0.17	61.38
2.23	0.07	62.17	74.07	14.14	1.380	58.827	8.725	0.17	62.17
2.24	0.08	62.96	74.15	14.19	1.345	58.828	8.726	0.19	62.96
2.25	0.09	63.74	74.24	14.25	1.311	58.829	8.727	0.22	63.74
2.26	0.10	64.52	74.34	14.32	1.276	58.830	8.729	0.24	64.52
2.27	0.11	65.30	74.45	14.40	1.242	58.832	8.730	0.27	65.30
2.28	0.12	66.07	74.57	14.48	1.209	58.833	8.731	0.29	66.07
2.29	0.14	66.84	74.71	14.58	1.176	58.835	8.733	0.34	66.84
2.30	0.16	67.61	74.87	14.69	1.144	58.837	8.735	0.39	67.61

2.31	0.89	68.28	75.76	15.32	1.112	58.846	8.745	2.15	68.28
2.32	0.89	68.94	76.65	15.94	1.081	58.856	8.755	2.15	68.94
2.33	0.88	69.60	77.53	16.55	1.050	58.865	8.764	2.12	69.60
2.34	0.88	70.25	78.41	17.15	1.021	58.874	8.774	2.13	70.25
2.35	0.87	70.90	79.28	17.74	0.991	58.883	8.783	2.10	70.90
2.36	0.87	71.55	80.15	18.33	0.971	58.891	8.792	2.10	71.55
2.37	0.87	72.20	81.02	18.91	0.942	58.900	8.801	2.10	72.20
2.38	0.86	72.84	81.88	19.47	0.912	58.907	8.809	2.08	72.84
2.39	0.86	73.49	82.74	20.03	0.883	58.915	8.817	2.08	73.49
2.40	0.86	74.13	83.60	20.59	0.853	58.922	8.826	2.08	74.13
2.41	0.85	74.76	84.45	21.14	0.823	58.929	8.833	2.06	74.76
2.42	0.85	75.40	85.30	21.68	0.794	58.936	8.841	2.06	75.40
2.43	0.85	76.03	86.15	22.21	0.764	58.943	8.848	2.06	76.03
2.44	0.84	76.66	86.99	22.74	0.734	58.949	8.855	2.03	76.66
2.45	0.84	77.28	87.83	23.26	0.704	58.955	8.862	2.03	77.28
2.46	0.84	78.56	88.67	23.78	0.674	58.960	8.869	2.04	78.56
2.47	0.83	79.84	89.50	24.30	0.645	58.966	8.876	2.01	79.84
2.48	0.83	81.12	90.33	24.83	0.615	58.971	8.882	2.01	81.12
2.49	0.83	82.38	91.16	25.35	0.585	58.976	8.888	2.01	82.38
2.50	0.82	83.65	91.98	25.87	0.555	58.980	8.894	1.99	83.65
2.51	0.82	84.90	92.80	26.39	0.526	58.984	8.899	1.99	84.90
2.52	0.82	86.16	93.62	26.92	0.496	58.989	8.904	1.99	86.16
2.53	0.81	87.40	94.43	27.43	0.467	58.992	8.910	1.97	87.40
2.54	0.81	88.65	95.24	27.95	0.437	58.996	8.914	1.97	88.65
2.55	0.81	89.88	96.05	28.48	0.408	58.999	8.919	1.97	89.88
2.56	0.80	91.12	96.85	28.99	0.379	59.002	8.923	1.94	91.12
2.57	0.80	92.34	97.65	29.51	0.350	59.005	8.927	1.94	92.34
2.58	0.80	93.57	98.45	30.03	0.321	59.008	8.931	1.95	93.57
2.59	0.79	94.79	99.24	30.55	0.292	59.010	8.934	1.92	94.79
2.60	0.79	96.00	100.03	31.07	0.264	59.012	8.937	1.92	96.00

		CLEAN COAL ASH %	8.94	REFUSE ASH %	62.93
HEAD ASH %	31.07	CLEAN COAL YIELD%	59.01	REFUSE YIELD%	40.99
THEO. YIELD	63.00	ECART PROB. MOYEN	0.087O		
SG OF SEPARATION	1.682	IMPERFECTION	0.063		
NEAR GRAVITY MAT	7.937				
ORGANIC EFFCY.	93.67				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 43 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.20 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM WT%	CLEAN COAL CUM ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.33	0.05	0.33	0.05	98.537	0.325	0.050	0.01	0.05
1.25	0.40	0.08	0.73	0.07	98.499	0.719	0.066	0.02	0.08
1.26	0.48	0.12	1.21	0.09	98.461	1.192	0.088	0.02	0.12
1.27	0.56	0.15	1.77	0.11	98.423	1.743	0.107	0.02	0.15
1.28	0.65	0.18	2.42	0.13	98.385	2.382	0.127	0.03	0.18
1.29	0.74	0.22	3.16	0.15	98.347	3.110	0.149	0.03	0.22
1.30	0.84	0.25	4.00	0.17	98.309	3.936	0.170	0.04	0.25
1.31	0.95	0.29	4.95	0.19	98.271	4.870	0.193	0.05	0.29
1.32	1.08	0.73	6.00	0.29	98.232	5.901	0.287	0.05	0.73
1.33	1.17	1.58	7.17	0.50	98.194	7.050	0.498	0.06	1.58
1.34	1.28	2.43	8.45	0.79	98.156	8.306	0.790	0.07	2.43
1.35	1.41	3.27	9.86	1.15	98.117	9.690	1.144	0.07	3.27
1.36	1.53	4.10	11.39	1.54	98.078	11.190	1.540	0.08	4.10
1.37	1.67	4.93	13.06	1.98	98.039	12.828	1.973	0.09	4.93
1.38	1.80	5.75	14.86	2.43	98.000	14.592	2.430	0.10	5.75
1.39	1.94	6.56	16.80	2.91	97.871	16.490	2.908	0.12	6.56
1.40	2.09	7.37	18.89	3.40	97.585	18.530	3.397	0.14	7.37
1.41	2.33	7.78	21.22	3.88	97.177	20.794	3.874	0.18	7.78
1.42	2.61	8.18	23.83	4.35	96.680	23.317	4.340	0.24	8.18
1.43	2.81	8.57	26.64	4.80	96.128	26.019	4.779	0.30	8.57
1.44	2.95	8.97	29.59	5.21	95.557	28.838	5.189	0.37	8.97
1.45	3.03	9.36	32.62	5.60	95.000	31.716	5.567	0.42	9.36
1.46	3.03	10.21	35.65	5.99	94.445	34.678	5.952	0.47	10.21
1.47	2.96	11.05	38.61	6.38	93.796	37.354	6.330	0.51	11.05
1.48	2.83	11.89	41.44	6.76	92.959	39.985	6.696	0.56	11.89
1.49	2.63	12.72	44.07	7.11	91.842	42.400	7.039	0.60	12.72
1.50	2.35	13.54	46.42	7.44	90.351	44.524	7.349	0.63	13.54
1.51	2.20	14.28	48.62	7.76	88.056	46.461	7.638	0.73	14.28
1.52	2.18	15.02	50.80	8.06	85.857	48.332	7.924	0.86	15.02
1.53	2.15	15.74	52.95	8.37	83.441	50.126	8.204	0.99	15.74
1.54	2.08	16.47	55.03	8.68	80.849	51.808	8.472	1.11	16.47
1.55	1.99	17.19	57.02	8.97	78.118	53.363	8.726	1.22	17.19
1.56	1.88	18.05	58.90	9.26	75.287	54.778	8.967	1.30	18.05
1.57	1.74	18.90	60.64	9.54	72.126	56.033	9.190	1.35	18.90
1.58	1.58	19.75	62.22	9.80	69.253	57.127	9.392	1.36	19.75
1.59	1.40	20.59	63.62	10.04	66.379	58.056	9.571	1.31	20.59
1.60	1.18	21.43	64.80	10.24	63.506	58.806	9.722	1.20	21.43
1.61	1.04	22.30	65.84	10.43	60.632	59.436	9.856	1.14	22.30
1.62	0.99	23.17	66.83	10.62	57.759	60.008	9.983	1.17	23.17
1.63	0.93	24.03	67.76	10.81	54.885	60.519	10.101	1.17	24.03
1.64	0.88	24.88	68.64	10.99	52.011	60.976	10.212	1.18	24.88
1.65	0.82	25.73	69.46	11.16	49.138	61.379	10.314	1.16	25.73
1.66	0.76	26.40	70.22	11.33	47.126	61.737	10.407	1.12	26.40
1.67	0.70	27.06	70.92	11.48	44.253	62.047	10.490	1.09	27.06
1.68	0.64	27.73	71.56	11.63	41.379	62.312	10.564	1.05	27.73
1.69	0.58	28.38	72.14	11.76	38.506	62.535	10.627	1.00	28.38
1.70	0.52	29.04	72.66	11.89	35.632	62.721	10.682	0.93	29.04

1.71	0.49	29.70	73.15	12.00	32.759	62.881	10.730	0.92	29.70
1.72	0.49	30.35	73.64	12.13	29.885	63.028	10.776	0.96	30.35
1.73	0.49	31.00	74.13	12.25	27.011	63.160	10.818	1.00	31.00
1.74	0.49	31.65	74.62	12.38	24.138	63.278	10.857	1.04	31.65
1.75	0.47	32.30	75.09	12.50	22.222	63.383	10.892	1.02	32.30
1.76	0.46	33.11	75.59	12.63	19.641	63.473	10.924	1.03	33.11
1.77	0.44	33.92	75.99	12.75	17.266	63.549	10.952	1.02	33.92
1.78	0.41	34.73	76.40	12.87	15.106	63.611	10.975	0.97	34.73
1.79	0.38	35.53	76.78	12.98	13.169	63.661	10.994	0.92	35.53
1.80	0.34	36.32	77.12	13.09	11.464	63.700	11.010	0.84	36.32
1.81	0.32	37.05	77.44	13.18	10.000	63.732	11.023	0.80	37.05
1.82	0.32	37.78	77.76	13.29	8.761	63.760	11.034	0.81	37.78
1.83	0.32	38.50	78.08	13.39	7.718	63.785	11.045	0.82	38.50
1.84	0.31	39.22	78.39	13.49	6.857	63.806	11.054	0.81	39.22
1.85	0.31	39.93	78.70	13.60	6.166	63.825	11.063	0.81	39.93
1.86	0.30	40.64	79.00	13.70	5.631	63.842	11.071	0.79	40.64
1.87	0.30	41.14	79.30	13.80	5.240	63.858	11.078	0.79	41.14
1.88	0.29	41.73	79.59	13.90	4.980	63.872	11.085	0.77	41.73
1.89	0.29	42.33	79.88	14.01	4.788	63.886	11.092	0.77	42.33
1.90	0.28	42.92	80.16	14.11	4.573	63.899	11.098	0.75	42.92
1.91	0.28	43.29	80.44	14.21	4.358	63.911	11.104	0.75	43.29
1.92	0.27	43.65	80.71	14.31	4.143	63.922	11.110	0.72	43.65
1.93	0.27	44.02	80.98	14.41	3.930	63.933	11.116	0.72	44.02
1.94	0.27	44.38	81.25	14.51	3.721	63.943	11.121	0.73	44.38
1.95	0.27	44.74	81.52	14.61	3.516	63.952	11.126	0.73	44.74
1.96	0.26	45.10	81.78	14.70	3.319	63.961	11.130	0.70	45.10
1.97	0.26	45.46	82.04	14.80	3.129	63.969	11.135	0.70	45.46
1.98	0.26	45.82	82.30	14.90	2.948	63.977	11.139	0.70	45.82
1.99	0.26	46.17	82.56	15.00	2.778	63.984	11.143	0.71	46.17
2.00	0.26	46.52	82.82	15.10	2.620	63.991	11.147	0.71	46.52
2.01	0.25	47.44	83.07	15.19	2.476	63.997	11.150	0.68	47.44
2.02	0.25	48.35	83.32	15.29	2.347	64.003	11.154	0.68	48.35
2.03	0.25	49.26	83.57	15.39	2.235	64.008	11.157	0.68	49.26
2.04	0.25	50.17	83.82	15.50	2.141	64.014	11.160	0.68	50.17
2.05	0.25	51.07	84.07	15.60	2.066	64.018	11.163	0.68	51.07
2.06	0.24	51.96	84.31	15.71	2.012	64.024	11.166	0.66	51.96
2.07	0.24	52.86	84.55	15.81	1.964	64.029	11.169	0.66	52.86
2.08	0.24	53.74	84.79	15.92	1.927	64.033	11.173	0.66	53.74
2.09	0.24	54.63	85.03	16.03	1.891	64.038	11.176	0.66	54.63
2.10	0.24	55.50	85.27	16.14	1.854	64.042	11.179	0.66	55.50
2.11	0.22	56.28	85.49	16.24	1.817	64.046	11.182	0.60	56.28
2.12	0.20	57.05	85.69	16.34	1.780	64.050	11.184	0.55	57.05
2.13	0.18	57.81	85.87	16.43	1.743	64.053	11.186	0.49	57.81
2.14	0.16	58.58	86.03	16.50	1.706	64.056	11.188	0.44	58.58
2.15	0.14	59.33	86.17	16.57	1.669	64.058	11.190	0.38	59.33
2.16	0.13	60.09	86.30	16.64	1.633	64.060	11.192	0.36	60.09
2.17	0.12	60.84	86.42	16.70	1.596	64.062	11.193	0.33	60.84
2.18	0.11	61.59	86.53	16.76	1.560	64.064	11.195	0.30	61.59
2.19	0.10	62.34	86.63	16.81	1.523	64.065	11.196	0.27	62.34
2.20	0.10	63.08	86.73	16.86	1.487	64.067	11.197	0.27	63.08
2.21	0.10	63.79	86.83	16.92	1.451	64.068	11.198	0.28	63.79
2.22	0.10	64.49	86.93	16.97	1.415	64.070	11.199	0.28	64.49
2.23	0.10	65.20	87.03	17.03	1.380	64.071	11.201	0.28	65.20
2.24	0.11	65.90	87.14	17.09	1.345	64.072	11.202	0.30	65.90
2.25	0.12	66.59	87.26	17.16	1.311	64.074	11.203	0.33	66.59
2.26	0.13	67.29	87.39	17.23	1.276	64.076	11.205	0.36	67.29
2.27	0.15	67.98	87.54	17.32	1.242	64.077	11.206	0.41	67.98
2.28	0.16	68.67	87.70	17.41	1.209	64.079	11.208	0.44	68.67
2.29	0.18	69.35	87.88	17.52	1.176	64.082	11.210	0.50	69.35
2.30	0.21	70.03	88.09	17.64	1.144	64.084	11.212	0.58	70.03

2.31	0.42	70.53	88.51	17.90	1.112	64.089	11.216	1.16	70.53
2.32	0.42	71.03	88.93	18.15	1.081	64.093	11.221	1.16	71.03
2.33	0.42	71.52	89.35	18.40	1.050	64.098	11.225	1.16	71.52
2.34	0.42	72.01	89.77	18.65	1.021	64.102	11.229	1.16	72.01
2.35	0.41	72.50	90.18	18.89	0.991	64.106	11.233	1.13	72.50
2.36	0.41	72.99	90.59	19.14	0.971	64.110	11.237	1.13	72.99
2.37	0.41	73.47	91.00	19.38	0.942	64.114	11.240	1.13	73.47
2.38	0.41	73.95	91.41	19.63	0.912	64.118	11.244	1.13	73.95
2.39	0.41	74.43	91.82	19.87	0.883	64.121	11.248	1.13	74.43
2.40	0.41	74.91	92.23	20.12	0.853	64.125	11.251	1.13	74.91
2.41	0.40	75.39	92.63	20.36	0.823	64.128	11.254	1.11	75.39
2.42	0.40	75.86	93.03	20.59	0.794	64.131	11.258	1.11	75.86
2.43	0.40	76.34	93.43	20.83	0.764	64.134	11.261	1.11	76.34
2.44	0.40	76.81	93.83	21.07	0.734	64.137	11.264	1.11	76.81
2.45	0.40	77.28	94.23	21.31	0.704	64.140	11.266	1.11	77.28
2.46	0.40	78.56	94.63	21.55	0.674	64.143	11.269	1.11	78.56
2.47	0.39	79.84	95.02	21.79	0.645	64.146	11.272	1.08	79.84
2.48	0.39	81.11	95.41	22.03	0.615	64.148	11.275	1.08	81.11
2.49	0.39	82.38	95.80	22.28	0.585	64.150	11.277	1.08	82.38
2.50	0.39	83.64	96.19	22.53	0.555	64.152	11.280	1.08	83.64
2.51	0.39	84.90	96.58	22.78	0.526	64.154	11.282	1.08	84.90
2.52	0.39	86.15	96.97	23.04	0.496	64.156	11.284	1.08	86.15
2.53	0.39	87.40	97.36	23.29	0.467	64.158	11.286	1.08	87.40
2.54	0.38	88.64	97.74	23.55	0.437	64.159	11.288	1.06	88.64
2.55	0.38	89.88	98.12	23.80	0.408	64.161	11.290	1.06	89.88
2.56	0.38	91.11	98.50	24.06	0.379	64.162	11.292	1.06	91.11
2.57	0.38	92.34	98.88	24.33	0.350	64.164	11.294	1.06	92.34
2.58	0.38	93.57	99.26	24.59	0.321	64.165	11.295	1.06	93.57
2.59	0.38	94.79	99.64	24.86	0.292	64.166	11.297	1.06	94.79
2.60	0.37	96.00	100.01	25.12	0.264	64.167	11.298	1.03	96.00

		CLEAN COAL ASH %	11.30	REFUSE ASH %	49.88
HEAD ASH %	25.12	CLEAN COAL YIELD%	64.17	REFUSE YIELD%	35.83
THEO. YIELD	70.09	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.658	IMPERFECTION	0.053		
NEAR GRAVITY MAT	16.897				
ORGANIC EFFCY.	91.55				

Yield Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : DATA SET CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN HO

MINE PERIOD : PROPERTY

BLK	DS	SID	WID	HEAD	RAW COAL	CLEAN COAL			REFUSE		
				ASH%	TONNAGE	ASH%	YIELD	TONNAGE	ASH%	YIELD	TONNAGE
HC	DDH82001	1	WA1	26.63	46.622818	10.45	57.10	26.622696	48.17	42.90	20.000122
HC	DDH82001	3	WA1	19.11	27.143021	7.94	55.56	15.080058	33.07	44.44	12.062970
HC	DDH82001	7	WA1	30.63	7.446631	8.78	46.36	3.452539	49.52	53.64	3.994091
HC	DDH82002	12	WA1	24.25	1.605631	7.84	49.08	0.787979	40.07	50.92	0.817652
HC	DDH82003	17	WA1	27.28	17.359207	10.50	46.33	8.042727	41.76	53.67	9.316481
HC	DDH82003	18	WA1	33.08	32.373398	10.88	35.94	11.633613	45.53	64.06	20.739777
HC	DDH82003	21	WA1	47.21	8.769781	8.53	28.57	2.505745	62.68	71.43	6.264036
HC	DDH82003	22	WA1	34.25	14.790838	10.34	35.80	5.295229	47.59	64.20	9.495609
HC	DDH82003	23	WA1	32.98	9.525206	10.26	40.87	3.892925	48.68	59.13	5.632280
HC	DDH82003	24	WA1	23.03	14.592797	7.46	47.99	7.002640	37.40	52.01	7.590158
BC	DDH82006	41	WA1	18.00	9.144845	8.13	65.31	5.972898	36.59	34.69	3.171946
BC	DDH82006	42	WA1	38.44	8.980798	8.51	40.49	3.635901	58.80	59.51	5.344895
BC	DDH82006	43	WA1	30.02	5.084858	12.28	43.50	2.211863	43.68	56.50	2.872994
	TOTALS			28.54	203.439758	9.57	47.26	96.136719	45.52	52.74	107.302917

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : FRACTION CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN HO

MINE PERIOD : PROPERTY

FRACTION SIZE (MM) 10.00 X 0.60 FLOAT EQUIPEMENT HMC SG 1.54

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
HC	DDH82001	1	WA1	27.94	40.188339	11.13	54.16	21.767471	47.81	45.84	18.420868
HC	DDH82001	3	WA1	21.14	19.677231	8.02	48.37	9.517331	33.43	51.63	10.159900
HC	DDH82001	7	WA1	30.54	6.208616	8.82	44.67	2.773256	48.08	55.33	3.435360
HC	DDH82002	12	WA1	29.71	1.175411	9.76	35.55	0.417914	40.71	64.45	0.757497
HC	DDH82003	17	WA1	28.87	14.873003	11.02	41.57	6.182688	41.57	58.43	8.690315
HC	DDH82003	18	WA1	33.88	26.936264	11.47	31.14	8.389204	44.01	68.86	18.547058
HC	DDH82003	21	WA1	48.78	7.985227	8.89	25.69	2.051698	62.57	74.31	5.933529
HC	DDH82003	22	WA1	34.84	12.591257	10.12	32.91	4.144145	46.97	67.09	8.447112
HC	DDH82003	23	WA1	35.05	7.939051	10.84	35.10	2.786379	48.14	64.90	5.152672
HC	DDH82003	24	WA1	23.97	12.798324	7.74	43.92	5.621435	36.68	56.08	7.176888
BC	DDH82006	41	WA1	17.60	8.074917	8.02	65.80	5.312915	36.03	34.20	2.762002
BC	DDH82006	42	WA1	39.37	7.967999	8.42	38.13	3.038230	58.45	61.87	4.929769
BC	DDH82006	43	WA1	30.62	4.533038	12.47	40.98	1.857777	43.23	59.02	2.675261
				29.91	170.948578	9.97	43.21	73.860367	45.08	56.79	97.088135

FRACTION SIZE (MM) 0.60 X 0.15 FLOAT EQUIPEMENT HMC SG 1.65

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
HC	DDH82001	1	WA1	18.46	6.434484	7.44	75.46	4.855229	52.34	24.54	1.579254
HC	DDH82001	3	WA1	13.75	7.465797	7.79	74.51	5.562727	31.14	25.49	1.903070
HC	DDH82001	7	WA1	31.07	1.238015	8.58	54.87	0.679283	58.41	45.13	0.558732
HC	DDH82002	12	WA1	9.35	0.430220	5.67	86.02	0.370065	31.98	13.98	0.060155
HC	DDH82003	17	WA1	17.77	2.486205	8.79	74.81	1.860040	44.46	25.19	0.626165
HC	DDH82003	18	WA1	29.13	5.437136	9.36	59.67	3.244409	58.39	40.33	2.192727
HC	DDH82003	21	WA1	31.18	0.784555	6.88	57.87	0.454047	64.57	42.13	0.330508
HC	DDH82003	22	WA1	30.88	2.199581	11.12	52.33	1.151084	52.57	47.67	1.048497
HC	DDH82003	23	WA1	22.59	1.586155	8.79	69.76	1.106546	54.42	30.24	0.479609
HC	DDH82003	24	WA1	16.37	1.794474	6.31	76.97	1.381205	50.00	23.03	0.413269
BC	DDH82006	41	WA1	21.04	1.069928	9.02	61.68	0.659984	40.39	38.32	0.409944
BC	DDH82006	42	WA1	31.07	1.012799	8.94	59.01	0.597672	62.93	40.99	0.415127
BC	DDH82006	43	WA1	25.12	0.551820	11.30	64.17	0.354086	49.88	35.83	0.197734
				21.29	32.491104	8.25	68.56	22.276321	49.74	31.44	10.214788

	TOTALS			28.54	203.439682	9.57	47.26	96.136688	45.52	52.74	107.302917

Averaged Quality Data Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN HO

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	RM 1008	ASH 1009	VM 1010	FC 1011	TS 1012	HGI 1019	C 1805	H 1806	N 1807	O 1808
KPNHCDDH82001	1	0.920	10.452	6.705	81.923	0.590	36.000	81.107	2.656	0.995	3.283
KPNHCDDH82001	3	1.510	7.937	8.622	81.931	0.490	59.000	82.302	2.781	1.030	3.935
KPNHCDDH82001	7	0.840	8.776	6.280	84.104	0.600	39.000	84.216	3.100	1.108	1.352
KPNHCDDH82002	12	0.610	7.842	7.254	84.294	0.610	107.000	84.748	3.927	1.116	1.126
KPNHCDDH82003	17	0.750	10.503	6.595	82.152	1.750	46.000	82.242	3.137	1.163	0.451
KPNHCDDH82003	18	0.930	10.884	7.285	80.901	0.500	61.000	81.570	3.024	1.247	1.846
KPNHCDDH82003	21	0.770	8.529	7.100	83.601	0.580	********	83.959	2.946	1.125	2.077
KPNHCDDH82003	22	0.690	10.337	6.541	82.432	0.430	35.000	82.593	3.170	1.067	1.711
KPNHCDDH82003	23	0.890	10.258	7.509	81.342	0.370	********	81.563	3.144	1.191	2.583
KPNHCDDH82003	24	0.630	7.456	8.718	83.196	0.430	43.000	83.383	3.203	1.068	3.815
KPNBCDDH82006	41	0.730	8.134	7.217	83.919	0.760	38.000	83.949	3.147	0.984	2.276
KPNBCDDH82006	42	0.650	8.508	6.729	84.114	0.780	39.000	84.677	3.175	0.973	1.219
KPNBCDDH82006	43	0.670	12.283	6.318	80.729	0.390	********	80.836	2.781	1.017	2.035
QUALITY		0.927	9.575	7.260	82.238	0.644	45.723	81.470	2.908	1.060	2.586

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN HO

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO	SID	SIO2 1504	AL23 1505	FE23 1506	CAO 1507	MGO 1508	TIO2 1509	NA2O 1510	K2O 1511	SO3 1512	P2O5 1513
KPNHCDDH82001	1	57.910	23.100	2.690	3.150	0.890	1.160	1.530	0.670	1.220	1.620
KPNHCDDH82001	3	65.610	18.750	2.940	1.810	1.400	0.370	0.780	1.070	1.780	1.160
KPNHCDDH82001	7	51.350	24.140	5.790	4.350	0.930	1.410	1.520	0.930	1.220	3.560
KPNHCDDH82002	12	47.830	24.360	4.360	7.090	1.730	0.960	1.240	0.880	2.820	4.160
KPNHCDDH82003	17	44.920	24.150	12.530	4.610	0.300	1.250	1.470	0.920	0.980	3.900
KPNHCDDH82003	18	59.510	22.080	2.450	4.050	0.300	0.970	1.090	0.780	1.290	2.690
KPNHCDDH82003	21	63.350	19.230	3.230	1.260	1.100	1.240	1.100	1.210	1.240	1.070
KPNHCDDH82003	22	58.670	22.800	3.800	2.900	0.330	1.330	1.390	0.750	0.720	2.490
KPNHCDDH82003	23	59.300	25.440	1.900	1.850	0.380	1.110	1.560	0.900	1.220	1.520
KPNHCDDH82003	24	46.750	20.300	9.530	7.510	1.700	1.050	1.700	0.680	3.060	3.620
KPNBCDDH82006	41	51.670	26.740	7.090	2.780	0.570	1.490	1.560	0.750	0.790	2.240
KPNBCDDH82006	42	48.280	23.500	8.910	4.350	1.140	1.650	1.350	0.680	1.350	3.640
KPNBCDDH82006	43	51.660	24.650	4.320	3.040	1.520	1.340	1.220	1.130	0.790	5.420
QUALITY		56.417	22.619	4.627	3.449	0.833	1.089	1.343	0.816	1.335	2.358

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN HO

MINE-PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	OIT 1404	OST 1405	OHT 1406	OFT 1407	RIT 1408	RST 1409	RHT 1410	RFT 1411
KPNHCDDH82001	1	1240.000	1430.000	1465.000	1475.000	1230.000	1420.000	1450.000	1460.000
KPNHCDDH82001	3	1215.000	1365.000	1380.000	1415.000	1215.000	1355.000	1380.000	1410.000
KPNHCDDH82001	7	1250.000	1305.000	1325.000	1345.000	1245.000	1300.000	1320.000	1330.000
KPNHCDDH82002	12	1245.000	1275.000	1290.000	1315.000	1240.000	1270.000	1280.000	1310.000
KPNHCDDH82003	17	1245.000	1285.000	1300.000	1340.000	1240.000	1280.000	1300.000	1320.000
KPNHCDDH82003	18	1230.000	1330.000	1355.000	1440.000	1230.000	1320.000	1340.000	1430.000
KPNHCDDH82003	21	1210.000	1335.000	1380.000	1440.000	1210.000	1325.000	1360.000	1430.000
KPNHCDDH82003	22	1200.000	1320.000	1355.000	1400.000	1180.000	1320.000	1355.000	1380.000
KPNHCDDH82003	23	1150.000	1425.000	1445.000	1485.000	1130.000	1410.000	1430.000	1485.000
KPNHCDDH82003	24	1180.000	1235.000	1245.000	1270.000	1170.000	1230.000	1245.000	1260.000
KPNBCDDH82006	41	1240.000	1410.000	1425.000	1440.000	1240.000	1400.000	1420.000	1440.000
KPNBCDDH82006	42	1210.000	1290.000	1310.000	1335.000	1210.000	1290.000	1310.000	1320.000
KPNBCDDH82006	43	1240.000	1265.000	1285.000	1300.000	1240.000	1260.000	1275.000	1295.000
QUALITY		1224.801	1358.673	1383.393	1416.454	1218.497	1350.474	1374.890	1404.891

ASTERIKS MEANS NO VALUE

Lost-Fox Area

Medium Ash Premium Coal Product

Washability Data

Individual Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH	:YES
MISSING MATERIAL	:NO
SIZE	:NO
OUT OF SEAM	:NO

DATA SOURCE KPNLRDDH82006 SAMPLE ID 31 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.72 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	0.09	0.85	0.09	0.85	99.91	31.43
1.35	0.06	2.22	0.14	1.41	99.86	31.45
1.40	0.06	3.61	0.20	2.03	99.80	31.46
1.45	23.75	5.12	23.95	5.10	76.05	39.69
1.50	21.63	8.74	45.58	6.82	54.42	51.99
1.55	8.35	14.84	53.93	8.06	46.07	58.72
1.60	5.54	20.12	59.47	9.19	40.53	64.00
1.65	3.63	25.77	63.10	10.14	36.90	67.76
1.70	2.85	30.70	65.95	11.03	34.05	70.86
1.80	3.59	36.91	69.54	12.37	30.46	74.87
1.90	2.38	42.25	71.92	13.36	28.08	77.63
2.60	28.08	77.63	100.00	31.40	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 31 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X - 0.15 RELATIVE WT% - 10.59 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.09	0.25	0.09	0.25	99.91	42.26
1.35	0.06	1.09	0.14	0.59	99.86	42.28
1.40	0.06	2.81	0.20	1.21	99.80	42.31
1.45	17.95	4.43	18.15	4.39	81.85	50.61
1.50	16.41	8.23	34.56	6.22	65.44	61.24
1.55	6.61	14.59	41.17	7.56	58.83	66.46
1.60	4.48	18.86	45.65	8.67	54.35	70.41
1.65	2.96	22.41	48.61	9.51	51.39	73.17
1.70	2.51	26.63	51.12	10.35	48.88	75.56
1.80	3.81	33.49	54.93	11.95	45.07	79.12
1.90	2.87	48.88	57.80	13.79	42.20	81.18
2.60	42.20	81.18	100.00	42.22	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 32 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 89.22 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	0.75	0.43	0.75	0.43	99.25	17.66
1.35	0.51	1.82	1.27	0.99	98.73	17.74
1.40	0.49	4.66	1.76	2.02	98.24	17.80
1.45	23.98	7.18	25.74	6.83	74.26	21.23
1.50	24.03	10.25	49.77	8.48	50.23	26.49
1.55	16.82	14.16	66.59	9.91	33.41	32.70
1.60	10.09	17.08	76.68	10.86	23.32	39.46
1.65	2.90	20.38	79.58	11.20	20.42	42.17
1.70	2.00	23.56	81.58	11.51	18.42	44.19
1.80	3.00	28.20	84.58	12.10	15.42	47.30
1.90	1.77	33.69	86.35	12.54	13.65	49.06
2.60	13.65	49.06	100.00	17.53	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 32 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 7.62 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	3.05	0.55	3.05	0.55	96.95	26.68
1.35	2.08	1.85	5.13	1.08	94.87	27.23
1.40	2.01	3.98	7.14	1.89	92.86	27.73
1.45	22.90	5.57	30.04	4.70	69.96	34.98
1.50	21.79	9.39	51.83	6.67	48.17	46.56
1.55	10.99	15.93	62.82	8.29	37.18	55.61
1.60	6.36	19.35	69.18	9.31	30.82	63.09
1.65	2.60	21.57	71.78	9.75	28.22	66.91
1.70	1.98	24.93	73.76	10.16	26.24	70.09
1.80	2.74	30.44	76.50	10.89	23.50	74.71
1.90	1.43	35.54	77.93	11.34	22.07	77.25
2.60	22.07	77.25	100.00	25.88	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 34 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 82.63 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.09	0.86	0.09	0.86	99.91	20.35
1.35	0.06	2.27	0.14	1.43	99.86	20.36
1.40	0.06	3.76	0.20	2.09	99.80	20.37
1.45	20.82	5.10	21.02	5.07	78.98	24.39
1.50	21.11	8.59	42.13	6.83	57.87	30.16
1.55	16.68	13.63	58.81	8.76	41.19	36.86
1.60	11.90	18.04	70.71	10.32	29.29	44.50
1.65	5.36	23.43	76.07	11.25	23.93	49.22
1.70	2.54	27.75	78.61	11.78	21.39	51.77
1.80	2.50	33.52	81.11	12.45	18.89	54.19
1.90	2.72	37.27	83.83	13.25	16.17	57.03
2.60	16.17	57.03	100.00	20.33	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 34 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.85 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.54	0.32	2.54	0.32	97.46	21.65
1.35	1.73	1.59	4.26	0.84	95.74	22.01
1.40	1.67	4.43	5.93	1.84	94.07	22.32
1.45	21.72	6.94	27.65	5.85	72.35	26.94
1.50	20.02	9.37	47.67	7.33	52.33	33.67
1.55	9.28	12.38	56.95	8.15	43.05	38.26
1.60	7.40	15.23	64.35	8.96	35.65	43.03
1.65	6.21	18.31	70.56	9.79	29.44	48.25
1.70	5.08	22.30	75.64	10.63	24.36	53.66
1.80	5.89	28.84	81.53	11.94	18.47	61.58
1.90	3.17	37.76	84.70	12.91	15.30	66.51
2.60	15.30	66.51	100.00	21.11	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 38 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.55 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	2.96	0.88	2.96	0.88	97.04	21.71
1.35	2.02	2.39	4.98	1.49	95.02	22.12
1.40	1.95	4.14	6.93	2.23	93.07	22.50
1.45	18.75	5.57	25.68	4.67	74.32	26.77
1.50	18.33	8.76	44.01	6.37	55.99	32.66
1.55	11.66	13.62	55.67	7.87	44.33	37.70
1.60	8.78	18.65	64.45	9.34	35.55	42.40
1.65	6.08	24.58	70.53	10.65	29.47	46.08
1.70	4.25	27.95	74.78	11.63	25.22	49.14
1.80	4.81	31.48	79.59	12.83	20.41	53.30
1.90	6.25	37.33	85.84	14.62	14.16	60.34
2.60	14.16	60.34	100.00	21.09	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 38 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.20 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.88	1.83	2.88	1.83	97.12	18.34
1.35	1.96	4.05	4.84	2.73	95.16	18.64
1.40	1.89	4.82	6.73	3.32	93.27	18.92
1.45	18.62	5.46	25.35	4.89	74.65	22.27
1.50	18.75	7.55	44.10	6.02	55.90	27.22
1.55	14.48	10.76	58.58	7.19	41.42	32.97
1.60	10.73	14.04	69.31	8.25	30.69	39.59
1.65	5.99	17.85	75.30	9.01	24.70	44.86
1.70	4.11	21.58	79.41	9.66	20.59	49.51
1.80	5.88	27.26	85.29	10.88	14.71	58.40
1.90	3.60	38.15	88.89	11.98	11.11	64.96
2.60	11.11	64.96	100.00	17.87	0.00	0.00

Washability Data

Blended Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

---------FLOAT---------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.67 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.44	0.77	0.44	0.77	99.56	24.47
1.35	0.30	2.24	0.74	1.37	99.26	24.54
1.40	0.29	4.19	1.03	2.16	98.97	24.60
1.45	22.19	5.44	23.22	5.29	76.78	30.14
1.50	21.44	8.91	44.66	7.03	55.34	38.36
1.55	12.97	14.02	57.63	8.60	42.37	45.81
1.60	8.88	18.46	66.51	9.92	33.49	53.07
1.65	4.43	24.06	70.94	10.80	29.06	57.49
1.70	2.75	28.58	73.69	11.46	26.31	60.51
1.80	3.21	34.07	76.90	12.41	23.10	64.18
1.90	2.79	38.65	79.69	13.32	20.31	67.69
2.60	20.31	67.69	100.00	24.37	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.58 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.66	0.67	1.66	0.67	98.34	29.90
1.35	1.13	2.13	2.80	1.26	97.20	30.22
1.40	1.09	4.40	3.89	2.15	96.11	30.52
1.45	19.98	5.75	23.86	5.16	76.14	37.01
1.50	18.61	8.76	42.48	6.74	57.52	46.16
1.55	9.01	13.09	51.49	7.85	48.51	52.30
1.60	6.56	16.32	58.05	8.81	41.95	57.93
1.65	4.59	19.44	62.64	9.59	37.36	62.66
1.70	3.68	23.48	66.32	10.36	33.68	66.94
1.80	4.79	30.14	71.12	11.69	28.88	73.05
1.90	2.95	41.96	74.07	12.90	25.93	76.59
2.60	25.93	76.59	100.00	29.41	0.00	0.00

Washability Data

Blended Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY EQUIPEMENT HMC SG-ASH 10.00 EP 0.038 SG 1.60

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.67 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.06	0.17	0.06	0.17	100.000	0.064	0.166	0.00	0.17
1.25	0.06	0.32	0.13	0.24	100.000	0.128	0.243	0.00	0.32
1.26	0.06	0.47	0.19	0.32	100.000	0.191	0.320	0.00	0.47
1.27	0.06	0.70	0.25	0.41	99.908	0.254	0.414	0.00	0.70
1.28	0.06	1.00	0.32	0.53	99.816	0.316	0.530	0.00	1.00
1.29	0.06	1.30	0.38	0.66	99.725	0.378	0.656	0.00	1.30
1.30	0.06	1.60	0.44	0.79	99.634	0.439	0.787	0.00	1.60
1.31	0.06	1.68	0.50	0.90	99.543	0.500	0.895	0.00	1.68
1.32	0.06	1.76	0.56	0.99	99.453	0.559	0.987	0.00	1.76
1.33	0.06	2.07	0.62	1.09	99.362	0.619	1.091	0.00	2.07
1.34	0.06	2.62	0.68	1.23	99.272	0.678	1.224	0.00	2.62
1.35	0.06	3.16	0.74	1.38	99.181	0.737	1.380	0.00	3.16
1.36	0.05	3.41	0.79	1.51	99.091	0.786	1.506	0.00	3.41
1.37	0.04	3.65	0.83	1.61	99.000	0.823	1.604	0.00	3.65
1.38	0.04	3.98	0.87	1.72	98.910	0.865	1.718	0.00	3.98
1.39	0.06	4.39	0.93	1.90	98.821	0.926	1.895	0.00	4.39
1.40	0.10	4.80	1.03	2.18	98.733	1.023	2.169	0.00	4.80
1.41	2.23	4.80	3.26	3.97	98.646	3.222	3.964	0.08	4.80
1.42	5.44	4.80	8.69	4.49	98.559	8.580	4.485	0.21	4.80
1.43	7.25	5.21	15.94	4.81	98.473	15.715	4.813	0.30	5.21
1.44	3.89	6.02	19.83	5.05	98.386	19.543	5.048	0.17	6.02
1.45	3.39	6.82	23.22	5.31	98.300	22.872	5.306	0.16	6.82
1.46	4.36	7.21	27.57	5.61	98.212	27.151	5.605	0.21	7.21
1.47	4.38	7.59	31.95	5.88	98.125	31.444	5.876	0.22	7.59
1.48	4.34	8.52	36.29	6.20	98.036	35.700	6.191	0.23	8.52
1.49	4.25	10.00	40.54	6.59	97.495	39.847	6.587	0.29	10.00
1.50	4.11	11.46	44.66	7.04	96.412	43.813	7.028	0.40	11.46
1.51	3.60	12.42	48.25	7.44	95.125	47.233	7.419	0.47	12.42
1.52	2.88	13.37	51.13	7.78	93.490	49.926	7.740	0.50	13.37
1.53	2.38	14.32	53.51	8.07	90.776	52.086	8.013	0.59	14.32
1.54	2.09	15.27	55.61	8.34	85.255	53.871	8.253	0.83	15.27
1.55	2.02	16.22	57.63	8.62	79.476	55.479	8.484	1.12	16.22
1.56	2.06	16.79	59.69	8.90	73.007	56.982	8.703	1.50	16.79
1.57	2.00	17.36	61.69	9.17	68.421	58.351	8.906	1.70	17.36
1.58	1.86	18.37	63.55	9.44	61.842	59.502	9.089	1.91	18.37
1.59	1.64	19.82	65.19	9.70	55.263	60.406	9.250	1.97	19.82
1.60	1.33	21.25	66.51	9.93	48.684	61.052	9.377	1.83	21.25
1.61	1.09	22.26	67.61	10.13	43.421	61.527	9.476	1.67	22.26
1.62	0.99	23.27	68.60	10.32	36.842	61.893	9.558	1.69	23.27
1.63	0.89	24.30	69.49	10.50	30.263	62.161	9.621	1.67	24.30
1.64	0.78	25.37	70.27	10.67	23.684	62.346	9.668	1.61	25.37
1.65	0.67	26.42	70.94	10.81	18.876	62.473	9.702	1.47	26.42
1.66	0.63	27.13	71.57	10.96	13.805	62.560	9.726	1.45	27.13
1.67	0.62	27.84	72.19	11.10	10.000	62.622	9.744	1.50	27.84
1.68	0.58	28.67	72.77	11.24	7.455	62.665	9.757	1.45	28.67
1.69	0.51	29.62	73.28	11.37	5.878	62.695	9.767	1.30	29.62
1.70	0.41	30.57	73.69	11.48	5.090	62.716	9.774	1.04	30.57

1.71	0.34	31.32	74.03	11.57	4.517	62.732	9.779	0.89	31.32
1.72	0.34	32.06	74.38	11.66	4.029	62.745	9.784	0.88	32.06
1.73	0.34	32.79	74.71	11.76	3.554	62.757	9.788	0.88	32.79
1.74	0.33	33.53	75.05	11.86	3.109	62.768	9.792	0.87	33.53
1.75	0.33	34.25	75.37	11.95	2.713	62.777	9.796	0.86	34.25
1.76	0.32	34.67	75.69	12.05	2.385	62.784	9.799	0.84	34.67
1.77	0.31	35.08	76.01	12.15	2.141	62.791	9.802	0.83	35.08
1.78	0.31	35.49	76.31	12.24	2.000	62.797	9.804	0.81	35.49
1.79	0.30	35.90	76.61	12.33	1.916	62.803	9.806	0.78	35.90
1.80	0.29	36.31	76.90	12.42	1.832	62.808	9.809	0.76	36.31
1.81	0.28	36.56	77.18	12.51	1.748	62.813	9.811	0.74	36.56
1.82	0.28	36.81	77.45	12.59	1.664	62.817	9.813	0.74	36.81
1.83	0.28	37.06	77.73	12.68	1.580	62.822	9.815	0.73	37.06
1.84	0.28	37.31	78.01	12.77	1.497	62.826	9.816	0.73	37.31
1.85	0.28	37.56	78.28	12.86	1.415	62.830	9.818	0.73	37.56
1.86	0.28	38.46	78.56	12.95	1.335	62.834	9.820	0.74	38.46
1.87	0.28	39.35	78.84	13.04	1.257	62.837	9.821	0.74	39.35
1.88	0.28	40.24	79.12	13.14	1.180	62.840	9.823	0.75	40.24
1.89	0.28	41.13	79.40	13.23	1.106	62.843	9.825	0.75	41.13
1.90	0.29	42.01	79.69	13.34	1.035	62.846	9.826	0.76	42.01
1.91	0.29	42.71	79.97	13.44	0.931	62.849	9.828	0.77	42.71
1.92	0.29	43.41	80.26	13.55	0.862	62.852	9.829	0.77	43.41
1.93	0.29	44.11	80.55	13.66	0.792	62.854	9.830	0.77	44.11
1.94	0.29	44.80	80.84	13.77	0.722	62.856	9.831	0.77	44.80
1.95	0.29	45.49	81.12	13.88	0.652	62.858	9.832	0.77	45.49
1.96	0.29	46.18	81.41	14.00	0.583	62.860	9.833	0.77	46.18
1.97	0.29	46.86	81.70	14.11	0.514	62.861	9.834	0.77	46.86
1.98	0.29	47.54	81.99	14.23	0.446	62.862	9.835	0.77	47.54
1.99	0.29	48.21	82.28	14.35	0.378	62.863	9.836	0.77	48.21
2.00	0.29	48.89	82.56	14.47	0.313	62.864	9.836	0.77	48.89
2.01	0.29	49.55	82.85	14.59	0.248	62.865	9.837	0.77	49.55
2.02	0.29	50.22	83.14	14.72	0.186	62.866	9.837	0.77	50.22
2.03	0.29	50.88	83.43	14.84	0.125	62.866	9.837	0.77	50.88
2.04	0.29	51.54	83.71	14.97	0.067	62.866	9.837	0.77	51.54
2.05	0.29	52.20	84.00	15.09	0.011	62.866	9.837	0.78	52.20
2.06	0.29	52.85	84.29	15.22	0.0	62.866	9.837	0.78	52.85
2.07	0.29	53.50	84.58	15.35	0.0	62.866	9.837	0.78	53.50
2.08	0.29	54.14	84.87	15.48	0.0	62.866	9.837	0.78	54.14
2.09	0.29	54.79	85.15	15.62	0.0	62.866	9.837	0.78	54.79
2.10	0.29	55.43	85.44	15.75	0.0	62.866	9.837	0.78	55.43
2.11	0.29	56.06	85.73	15.89	0.0	62.866	9.837	0.78	56.06
2.12	0.29	56.70	86.02	16.02	0.0	62.866	9.837	0.78	56.70
2.13	0.29	57.33	86.31	16.16	0.0	62.866	9.837	0.78	57.33
2.14	0.29	57.96	86.60	16.30	0.0	62.866	9.837	0.78	57.96
2.15	0.29	58.58	86.88	16.44	0.0	62.866	9.837	0.78	58.58
2.16	0.29	59.20	87.17	16.58	0.0	62.866	9.837	0.78	59.20
2.17	0.29	59.82	87.46	16.73	0.0	62.866	9.837	0.78	59.82
2.18	0.29	60.44	87.75	16.87	0.0	62.866	9.837	0.78	60.44
2.19	0.29	61.05	88.04	17.01	0.0	62.866	9.837	0.78	61.05
2.20	0.29	61.66	88.33	17.16	0.0	62.866	9.837	0.78	61.66
2.21	0.29	62.27	88.62	17.31	0.0	62.866	9.837	0.78	62.27
2.22	0.29	62.88	88.90	17.46	0.0	62.866	9.837	0.78	62.88
2.23	0.29	63.48	89.19	17.60	0.0	62.866	9.837	0.78	63.48
2.24	0.29	64.08	89.48	17.76	0.0	62.866	9.837	0.78	64.08
2.25	0.29	64.68	89.77	17.91	0.0	62.866	9.837	0.78	64.68
2.26	0.29	65.64	90.06	18.06	0.0	62.866	9.837	0.78	65.64
2.27	0.29	66.59	90.35	18.22	0.0	62.866	9.837	0.78	66.59
2.28	0.29	67.55	90.64	18.37	0.0	62.866	9.837	0.78	67.55
2.29	0.29	68.50	90.93	18.53	0.0	62.866	9.837	0.78	68.50
2.30	0.29	69.44	91.22	18.69	0.0	62.866	9.837	0.78	69.44

2.31	0.29	70.38	91.51	18.86	0.0	62.866	9.837	0.78	70.38
2.32	0.29	71.31	91.80	19.02	0.0	62.866	9.837	0.78	71.31
2.33	0.29	72.25	92.09	19.19	0.0	62.866	9.837	0.78	72.25
2.34	0.29	73.17	92.38	19.36	0.0	62.866	9.837	0.78	73.17
2.35	0.29	74.10	92.67	19.53	0.0	62.866	9.837	0.78	74.10
2.36	0.29	75.02	92.96	19.71	0.0	62.866	9.837	0.78	75.02
2.37	0.29	75.93	93.25	19.88	0.0	62.866	9.837	0.78	75.93
2.38	0.29	76.85	93.55	20.06	0.0	62.866	9.837	0.78	76.85
2.39	0.29	77.75	93.84	20.24	0.0	62.866	9.837	0.78	77.75
2.40	0.29	78.66	94.13	20.42	0.0	62.866	9.837	0.78	78.66
2.41	0.29	79.56	94.42	20.60	0.0	62.866	9.837	0.79	79.56
2.42	0.29	80.46	94.71	20.79	0.0	62.866	9.837	0.79	80.46
2.43	0.29	81.35	95.00	20.97	0.0	62.866	9.837	0.79	81.35
2.44	0.29	82.24	95.30	21.16	0.0	62.866	9.837	0.79	82.24
2.45	0.29	83.13	95.59	21.35	0.0	62.866	9.837	0.79	83.13
2.46	0.29	84.01	95.88	21.54	0.0	62.866	9.837	0.79	84.01
2.47	0.29	84.89	96.17	21.73	0.0	62.866	9.837	0.79	84.89
2.48	0.29	85.76	96.47	21.93	0.0	62.866	9.837	0.79	85.76
2.49	0.29	86.63	96.76	22.13	0.0	62.866	9.837	0.79	86.63
2.50	0.29	87.50	97.05	22.32	0.0	62.866	9.837	0.79	87.50
2.51	0.29	88.37	97.35	22.52	0.0	62.866	9.837	0.79	88.37
2.52	0.29	89.23	97.64	22.72	0.0	62.866	9.837	0.79	89.23
2.53	0.29	90.09	97.94	22.92	0.0	62.866	9.837	0.79	90.09
2.54	0.29	90.94	98.23	23.13	0.0	62.866	9.837	0.79	90.94
2.55	0.29	91.79	98.52	23.33	0.0	62.866	9.837	0.79	91.79
2.56	0.29	92.64	98.82	23.54	0.0	62.866	9.837	0.79	92.64
2.57	0.29	93.49	99.11	23.75	0.0	62.866	9.837	0.79	93.49
2.58	0.30	94.33	99.41	23.96	0.0	62.866	9.837	0.80	94.33
2.59	0.30	95.17	99.70	24.17	0.0	62.866	9.837	0.80	95.17
2.60	0.30	96.00	100.00	24.38	0.0	62.866	9.837	0.80	96.00

RELATIVE WT %	83.67	CLEAN COAL ASH %	9.84	REFUSE ASH %	49.01
HEAD ASH %	24.38	CLEAN COAL YIELD%	62.87	REFUSE YIELD%	37.13
RAW COAL TON.	70.564850	CLEAN COAL TON.	44.361328	REFUSE TON.	26.203522
THEO. YIELD	65.97	ECART PROB. MOYEN	0.0360		
SG OF SEPARATION	1.596	IMPERFECTION	0.024		
NEAR GRAVITY MAT	30.556				
ORGANIC EFFCY.	95.30				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY EQUIPEMENT HMC SG-ASH 10.00 EP 0.086 SG 1.63
---------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.58 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL	CUM.	ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	98.531	0.0	0.010	0.0	0.01
1.24	0.24	0.13	0.24	0.13	98.493	0.239	0.132	0.01	0.13
1.25	0.24	0.25	0.48	0.19	98.455	0.476	0.193	0.01	0.25
1.26	0.24	0.37	0.72	0.25	98.417	0.711	0.253	0.01	0.37
1.27	0.24	0.58	0.96	0.33	98.378	0.945	0.334	0.01	0.58
1.28	0.24	0.88	1.20	0.44	98.340	1.177	0.441	0.01	0.88
1.29	0.23	1.17	1.43	0.56	98.301	1.408	0.560	0.01	1.17
1.30	0.23	1.46	1.66	0.69	98.263	1.636	0.685	0.01	1.46
1.31	0.23	1.51	1.89	0.79	98.224	1.862	0.785	0.01	1.51
1.32	0.23	1.56	2.12	0.87	98.185	2.085	0.868	0.01	1.56
1.33	0.23	1.91	2.35	0.97	98.146	2.306	0.968	0.01	1.91
1.34	0.23	2.57	2.57	1.11	98.107	2.527	1.108	0.01	2.57
1.35	0.23	3.21	2.80	1.28	98.068	2.749	1.278	0.01	3.21
1.36	0.21	3.61	3.00	1.44	98.028	2.951	1.437	0.01	3.61
1.37	0.18	4.00	3.19	1.59	97.865	3.131	1.584	0.01	4.00
1.38	0.19	4.37	3.38	1.74	97.564	3.316	1.740	0.01	4.37
1.39	0.22	4.72	3.60	1.93	97.136	3.534	1.924	0.01	4.72
1.40	0.29	5.06	3.89	2.16	96.617	3.813	2.153	0.02	5.06
1.41	2.02	5.06	5.90	3.15	96.045	5.748	3.133	0.18	5.06
1.42	4.52	5.06	10.42	3.98	95.457	10.059	3.961	0.46	5.06
1.43	5.91	5.46	16.33	4.52	94.890	15.664	4.497	0.68	5.46
1.44	4.04	6.25	20.37	4.86	94.432	19.477	4.840	0.51	6.25
1.45	3.50	7.03	23.86	5.18	93.767	22.758	5.156	0.49	7.03
1.46	3.89	7.37	27.76	5.49	92.905	26.379	5.460	0.62	7.37
1.47	3.95	7.70	31.71	5.76	91.744	29.997	5.731	0.74	7.70
1.48	3.86	8.50	35.57	6.06	90.182	33.482	6.019	0.86	8.50
1.49	3.64	9.74	39.21	6.40	88.010	36.684	6.344	0.98	9.74
1.50	3.27	10.98	42.48	6.75	85.762	39.486	6.673	1.05	10.98
1.51	2.66	11.83	45.13	7.05	83.296	41.699	6.946	1.00	11.83
1.52	2.03	12.67	47.16	7.29	80.652	43.337	7.163	0.89	12.67
1.53	1.60	13.41	48.77	7.49	77.874	44.586	7.338	0.80	13.41
1.54	1.38	14.07	50.14	7.68	75.000	45.617	7.490	0.78	14.07
1.55	1.35	14.72	51.49	7.86	72.093	46.587	7.641	0.85	14.72
1.56	1.41	15.19	52.90	8.06	69.186	47.564	7.796	0.98	15.19
1.57	1.41	15.66	54.31	8.25	66.279	48.499	7.947	1.07	15.66
1.58	1.36	16.29	55.67	8.45	63.372	49.362	8.093	1.13	16.29
1.59	1.26	17.08	56.94	8.64	60.465	50.126	8.230	1.13	17.08
1.60	1.12	17.86	58.05	8.82	57.558	50.768	8.352	1.07	17.86
1.61	1.00	18.20	59.06	8.98	54.651	51.317	8.457	1.03	18.20
1.62	0.96	18.54	60.02	9.13	51.744	51.815	8.554	1.05	18.54
1.63	0.92	19.24	60.94	9.28	48.837	52.264	8.646	1.06	19.24
1.64	0.88	20.30	61.81	9.44	47.093	52.676	8.737	1.04	20.30
1.65	0.83	21.35	62.64	9.60	44.186	53.043	8.825	1.05	21.35
1.66	0.80	21.95	63.45	9.75	41.279	53.374	8.906	1.06	21.95
1.67	0.78	22.54	64.23	9.91	38.372	53.675	8.982	1.09	22.54
1.68	0.75	23.39	64.98	10.07	35.465	53.940	9.053	1.09	23.39
1.69	0.70	24.51	65.68	10.22	32.558	54.169	9.119	1.07	24.51
1.70	0.64	25.62	66.32	10.37	29.651	54.360	9.176	1.02	25.62

1.71	0.60	26.40	66.92	10.51	26.744	54.520	9.227	0.99	26.40
1.72	0.57	27.17	67.49	10.65	23.837	54.656	9.272	0.98	27.17
1.73	0.55	27.94	68.04	10.79	22.181	54.778	9.313	0.96	27.94
1.74	0.52	28.71	68.56	10.93	19.647	54.880	9.349	0.95	28.71
1.75	0.50	29.47	69.06	11.06	17.116	54.965	9.380	0.93	29.47
1.76	0.47	30.78	69.53	11.20	14.901	55.035	9.408	0.90	30.78
1.77	0.44	32.08	69.97	11.33	12.922	55.092	9.431	0.87	32.08
1.78	0.41	33.38	70.38	11.46	11.192	55.138	9.451	0.83	33.38
1.79	0.38	34.66	70.77	11.58	8.732	55.171	9.466	0.79	34.66
1.80	0.35	35.94	71.12	11.70	7.679	55.198	9.479	0.73	35.94
1.81	0.32	37.02	71.44	11.82	6.821	55.221	9.490	0.68	37.02
1.82	0.30	38.09	71.74	11.93	6.140	55.239	9.500	0.64	38.09
1.83	0.29	39.16	72.03	12.04	5.618	55.255	9.509	0.61	39.16
1.84	0.28	40.22	72.31	12.14	5.237	55.270	9.517	0.59	40.22
1.85	0.27	41.27	72.58	12.25	4.979	55.283	9.524	0.58	41.27
1.86	0.27	42.43	72.85	12.37	4.785	55.296	9.532	0.59	42.43
1.87	0.28	43.58	73.13	12.49	4.567	55.309	9.540	0.60	43.58
1.88	0.29	44.72	73.42	12.61	4.348	55.322	9.548	0.63	44.72
1.89	0.31	45.86	73.73	12.75	4.129	55.334	9.557	0.67	45.86
1.90	0.33	46.99	74.07	12.91	3.912	55.348	9.565	0.73	46.99
1.91	0.35	47.99	74.42	13.07	3.698	55.360	9.574	0.76	47.99
1.92	0.35	48.98	74.77	13.24	3.490	55.373	9.583	0.76	48.98
1.93	0.35	49.96	75.11	13.41	3.289	55.384	9.591	0.76	49.96
1.94	0.35	50.94	75.46	13.58	3.096	55.395	9.600	0.76	50.94
1.95	0.35	51.92	75.81	13.76	2.913	55.405	9.607	0.77	51.92
1.96	0.35	52.89	76.16	13.94	2.741	55.415	9.615	0.77	52.89
1.97	0.35	53.85	76.51	14.12	2.582	55.424	9.622	0.77	53.85
1.98	0.35	54.81	76.86	14.31	2.439	55.432	9.629	0.77	54.81
1.99	0.35	55.77	77.21	14.50	2.311	55.440	9.636	0.77	55.77
2.00	0.35	56.72	77.57	14.69	2.202	55.448	9.642	0.77	56.72
2.01	0.35	57.66	77.92	14.88	2.112	55.456	9.649	0.78	57.66
2.02	0.35	58.60	78.27	15.08	2.043	55.463	9.655	0.78	58.60
2.03	0.35	59.54	78.62	15.28	1.996	55.470	9.661	0.78	59.54
2.04	0.35	60.47	78.97	15.48	1.963	55.477	9.668	0.78	60.47
2.05	0.35	61.40	79.33	15.68	1.926	55.483	9.674	0.78	61.40
2.06	0.35	62.32	79.68	15.89	1.889	55.490	9.680	0.78	62.32
2.07	0.35	63.24	80.03	16.10	1.852	55.497	9.687	0.78	63.24
2.08	0.35	64.15	80.39	16.31	1.814	55.503	9.693	0.79	64.15
2.09	0.36	65.06	80.74	16.53	1.777	55.509	9.699	0.79	65.06
2.10	0.36	65.96	81.10	16.74	1.739	55.516	9.706	0.79	65.96
2.11	0.36	66.86	81.46	16.96	1.702	55.522	9.712	0.79	66.86
2.12	0.36	67.76	81.81	17.18	1.665	55.528	9.718	0.79	67.76
2.13	0.36	68.65	82.17	17.41	1.627	55.533	9.724	0.79	68.65
2.14	0.36	69.54	82.53	17.63	1.590	55.539	9.730	0.79	69.54
2.15	0.36	70.42	82.89	17.86	1.553	55.545	9.736	0.80	70.42
2.16	0.36	71.30	83.25	18.09	1.516	55.550	9.743	0.80	71.30
2.17	0.36	72.18	83.61	18.33	1.480	55.555	9.749	0.80	72.18
2.18	0.36	73.05	83.97	18.56	1.443	55.561	9.754	0.80	73.05
2.19	0.36	73.92	84.33	18.80	1.407	55.566	9.760	0.80	73.92
2.20	0.36	74.78	84.69	19.04	1.372	55.571	9.766	0.81	74.78
2.21	0.36	75.64	85.05	19.28	1.336	55.576	9.772	0.81	75.64
2.22	0.36	76.49	85.42	19.52	1.301	55.580	9.778	0.81	76.49
2.23	0.36	77.35	85.78	19.77	1.267	55.585	9.783	0.81	77.35
2.24	0.37	78.19	86.15	20.02	1.233	55.589	9.789	0.81	78.19
2.25	0.37	79.04	86.51	20.27	1.199	55.594	9.794	0.82	79.04
2.26	0.37	79.56	86.88	20.52	1.166	55.598	9.800	0.82	79.56
2.27	0.37	80.08	87.25	20.77	1.133	55.602	9.805	0.82	80.08
2.28	0.37	80.59	87.62	21.02	1.101	55.606	9.810	0.82	80.59
2.29	0.37	81.11	87.99	21.27	1.070	55.610	9.815	0.82	81.11
2.30	0.37	81.62	88.36	21.52	1.039	55.614	9.820	0.83	81.62

2.31	.37	82.13	88.73	21.78	1.009	55.618	9.825	.83	82.13
2.32	0.37	82.63	89.10	22.03	0.970	55.622	9.830	0.83	82.63
2.33	0.37	83.14	89.47	22.29	0.941	55.625	9.834	0.83	83.14
2.34	0.37	83.64	89.85	22.54	0.911	55.628	9.839	0.84	83.64
2.35	0.38	84.14	90.22	22.80	0.881	55.632	9.843	0.84	84.14
2.36	0.38	84.64	90.60	23.06	0.851	55.635	9.848	0.84	84.64
2.37	0.38	85.13	90.98	23.31	0.821	55.638	9.852	0.84	85.13
2.38	0.38	85.63	91.36	23.57	0.791	55.641	9.856	0.85	85.63
2.39	0.38	86.12	91.74	23.83	0.760	55.644	9.860	0.85	86.12
2.40	0.38	86.61	92.12	24.09	0.730	55.647	9.864	0.85	86.61
2.41	0.38	87.10	92.50	24.35	0.700	55.649	9.867	0.86	87.10
2.42	0.38	87.58	92.88	24.61	0.670	55.652	9.871	0.86	87.58
2.43	0.38	88.07	93.27	24.87	0.639	55.654	9.874	0.86	88.07
2.44	0.39	88.55	93.65	25.14	0.609	55.657	9.878	0.86	88.55
2.45	0.39	89.03	94.04	25.40	0.579	55.659	9.881	0.87	89.03
2.46	0.39	89.51	94.43	25.66	0.549	55.661	9.884	0.87	89.51
2.47	0.39	89.98	94.82	25.93	0.519	55.663	9.887	0.87	89.98
2.48	0.39	90.46	95.21	26.19	0.489	55.665	9.890	0.88	90.46
2.49	0.39	90.93	95.60	26.46	0.459	55.667	9.892	0.88	90.93
2.50	0.39	91.40	95.99	26.72	0.429	55.669	9.895	0.88	91.40
2.51	0.39	91.87	96.39	26.99	0.399	55.670	9.897	0.89	91.87
2.52	0.40	92.33	96.78	27.26	0.370	55.672	9.899	0.89	92.33
2.53	0.40	92.80	97.18	27.52	0.341	55.673	9.901	0.89	92.80
2.54	0.40	93.26	97.58	27.79	0.311	55.674	9.903	0.90	93.26
2.55	0.40	93.72	97.98	28.06	0.282	55.675	9.905	0.90	93.72
2.56	0.40	94.18	98.38	28.33	0.254	55.676	9.906	0.90	94.18
2.57	0.40	94.64	98.78	28.60	0.225	55.677	9.908	0.91	94.64
2.58	0.40	95.09	99.19	28.87	0.197	55.678	9.909	0.91	95.09
2.59	0.41	95.55	99.59	29.15	0.168	55.679	9.910	0.91	95.55
2.60	0.41	96.00	100.00	29.42	0.140	55.679	9.911	0.92	96.00

RELATIVE WT %	10.58	CLEAN COAL ASH %	9.91	REFUSE ASH %	53.92
HEAD ASH %	29.42	CLEAN COAL YIELD%	55.68	REFUSE YIELD%	44.32
RAW COAL TON.	8.920660	CLEAN COAL TON.	4.966957	REFUSE TON.	3.953703
THEO. YIELD	64.23	ECART PROB. MOYEN	0.0856		
SG OF SEPARATION	1.670	IMPERFECTION	0.053		
NEAR GRAVITY MAT	15.652				
ORGANIC EFFCY.	86.68				

Yield Table

Blended Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : BLEND SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN LO

MINE PERIOD : PROPERTY

FRACTION SIZE (MM)	10.00 0.60	0.60 0.15	
EQUIPMENT	HMC	HMC	
RELATIVE WEIGHT %	83.67	10.58	94.24
HEAD ASH %	24.38	29.42	24.95
RAW COAL TONNAGE	70.564850	8.920660	79.485504
CLEAN COAL ASH %	9.84	9.91	9.84
CLEAN COAL YIELD	62.87	55.68	62.06
CLEAN COAL TONNAGE	44.361328	4.966957	49.328278
THEORETICAL YIELD	65.97	64.23	
THEO. CUTPOINT	1.596	1.67	
NEAR GRAVITY MATERIAL	30.556	15.652	
ORGANIC EFFICIENCY	95.30	86.68	
ECART PROBABLE MOYEN	0.0380	0.086	
IMPERFECTION	0.024	0.053	
REFUSE ASH	49.01	53.92	49.65
REFUSE YIELD	37.13	44.32	37.94
REFUSE TONNAGE	26.203522	3.953703	30.157211

Washability Data

Individual Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 31 WID: WA1 EQUIPE HMC SG-ASH 10.00 EP 0.038 SG 1.60

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.72 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.01	0.23	0.01	0.23	100.000	0.010	0.230	0.0	0.23
1.25	0.01	0.44	0.02	0.33	100.000	0.020	0.335	0.0	0.44
1.26	0.01	0.65	0.03	0.44	100.000	0.030	0.440	0.0	0.65
1.27	0.01	0.86	0.04	0.54	99.908	0.040	0.545	0.00	0.86
1.28	0.01	1.07	0.05	0.65	99.816	0.050	0.650	0.00	1.07
1.29	0.01	1.28	0.06	0.75	99.725	0.060	0.755	0.00	1.28
1.30	0.01	1.48	0.07	0.86	99.634	0.070	0.858	0.00	1.48
1.31	0.01	1.69	0.08	0.96	99.543	0.080	0.962	0.00	1.69
1.32	0.01	1.93	0.09	1.07	99.453	0.090	1.069	0.00	1.93
1.33	0.01	2.22	0.10	1.18	99.362	0.100	1.184	0.00	2.22
1.34	0.01	2.50	0.11	1.30	99.272	0.110	1.303	0.00	2.50
1.35	0.01	2.78	0.12	1.43	99.181	0.120	1.425	0.00	2.78
1.36	0.01	3.06	0.13	1.55	99.091	0.129	1.550	0.00	3.06
1.37	0.01	3.34	0.14	1.68	99.000	0.139	1.677	0.00	3.34
1.38	0.01	3.62	0.15	1.81	98.910	0.149	1.806	0.00	3.62
1.39	0.01	3.89	0.16	1.94	98.821	0.159	1.936	0.00	3.89
1.40	0.01	4.16	0.17	2.07	98.733	0.169	2.065	0.00	4.16
1.41	3.28	4.46	3.45	4.34	98.646	3.405	4.341	0.10	4.46
1.42	4.29	4.76	7.74	4.57	98.559	7.633	4.573	0.14	4.76
1.43	5.02	5.05	12.76	4.76	98.473	12.576	4.761	0.18	5.05
1.44	5.49	5.34	18.25	4.94	98.386	17.978	4.935	0.21	5.34
1.45	5.68	5.63	23.93	5.10	98.300	23.561	5.099	0.23	5.63
1.46	5.59	6.81	29.52	5.42	98.212	29.051	5.423	0.23	6.81
1.47	5.23	7.99	34.75	5.81	98.125	34.183	5.808	0.23	7.99
1.48	4.60	9.16	39.35	6.20	98.036	38.693	6.199	0.21	9.16
1.49	3.69	10.32	43.04	6.55	97.495	42.290	6.549	0.22	10.32
1.50	2.61	11.47	45.65	6.83	96.412	44.710	6.816	0.21	11.47
1.51	1.81	12.64	47.36	7.05	95.125	46.432	7.032	0.21	12.64
1.52	1.75	13.80	49.11	7.29	93.490	48.068	7.262	0.27	13.80
1.53	1.68	14.95	50.79	7.54	90.776	49.593	7.498	0.36	14.95
1.54	1.60	16.10	52.39	7.80	85.255	50.957	7.729	0.55	16.10
1.55	1.50	17.23	53.89	8.07	79.476	52.149	7.946	0.72	17.23
1.56	1.39	18.30	55.28	8.32	73.007	53.164	8.144	0.88	18.30
1.57	1.26	19.35	56.54	8.57	68.421	54.026	8.322	0.93	19.35
1.58	1.12	20.40	57.66	8.80	61.842	54.719	8.475	1.00	20.40
1.59	0.97	21.44	58.63	9.01	55.263	55.255	8.601	1.01	21.44
1.60	0.80	22.48	59.43	9.19	48.684	55.644	8.698	0.96	22.48
1.61	0.72	23.59	60.15	9.36	43.421	55.957	8.781	0.95	23.59
1.62	0.73	24.69	60.88	9.55	36.842	56.226	8.858	1.08	24.69
1.63	0.74	25.78	61.62	9.74	30.263	56.450	8.925	1.20	25.78
1.64	0.73	26.87	62.35	9.94	23.684	56.623	8.979	1.30	26.87
1.65	0.71	27.95	63.06	10.14	18.876	56.757	9.024	1.34	27.95
1.66	0.68	28.94	63.74	10.34	13.805	56.851	9.057	1.37	28.94
1.67	0.63	29.93	64.37	10.54	10.000	56.914	9.080	1.32	29.93
1.68	0.58	30.91	64.95	10.72	7.455	56.957	9.097	1.25	30.91
1.69	0.52	31.89	65.47	10.89	5.878	56.987	9.109	1.14	31.89
1.70	0.44	32.86	65.91	11.03	5.050	57.010	9.118	0.98	32.86

1.71	0.40	33.75	66.31	11.17	4.517	57.028	9.126	0.89	33.75
1.72	0.40	34.64	66.71	11.31	4.029	57.044	9.133	0.90	34.64
1.73	0.40	35.52	67.11	11.45	3.554	57.058	9.140	0.90	35.52
1.74	0.39	36.39	67.50	11.60	3.109	57.070	9.146	0.88	36.39
1.75	0.38	37.26	67.88	11.74	2.713	57.080	9.151	0.86	37.26
1.76	0.37	37.75	68.25	11.88	2.385	57.089	9.155	0.84	37.75
1.77	0.35	38.24	68.60	12.02	2.141	57.097	9.159	0.80	38.24
1.78	0.33	38.72	68.93	12.15	2.000	57.103	9.162	0.75	38.72
1.79	0.30	39.20	69.23	12.26	1.916	57.109	9.165	0.69	39.20
1.80	0.27	39.68	69.50	12.37	1.832	57.114	9.168	0.62	39.68
1.81	0.25	39.98	69.75	12.47	1.748	57.118	9.171	0.57	39.98
1.82	0.25	40.28	70.00	12.57	1.664	57.123	9.173	0.57	40.28
1.83	0.25	40.59	70.25	12.67	1.580	57.127	9.175	0.57	40.59
1.84	0.25	40.89	70.50	12.77	1.497	57.130	9.177	0.57	40.89
1.85	0.24	41.18	70.74	12.86	1.415	57.134	9.179	0.55	41.18
1.86	0.24	42.17	70.98	12.96	1.335	57.137	9.181	0.55	42.17
1.87	0.23	43.14	71.21	13.06	1.257	57.140	9.183	0.53	43.14
1.88	0.23	44.11	71.44	13.16	1.180	57.142	9.184	0.53	44.11
1.89	0.22	45.08	71.66	13.26	1.106	57.145	9.186	0.51	45.08
1.90	0.22	46.04	71.88	13.36	1.035	57.147	9.187	0.51	46.04
1.91	0.22	46.90	72.10	13.46	0.931	57.149	9.189	0.51	46.90
1.92	0.22	47.75	72.32	13.57	0.862	57.151	9.190	0.51	47.75
1.93	0.23	48.60	72.55	13.68	0.792	57.153	9.191	0.53	48.60
1.94	0.22	49.45	72.77	13.78	0.722	57.155	9.192	0.51	49.45
1.95	0.22	50.29	72.99	13.89	0.652	57.156	9.193	0.51	50.29
1.96	0.21	50.59	73.20	14.00	0.583	57.157	9.194	0.49	50.59
1.97	0.20	50.88	73.40	14.10	0.514	57.158	9.195	0.46	50.88
1.98	0.18	51.17	73.58	14.19	0.446	57.159	9.195	0.42	51.17
1.99	0.16	51.47	73.74	14.27	0.379	57.160	9.196	0.37	51.47
2.00	0.14	51.76	73.88	14.34	0.313	57.160	9.196	0.33	51.76
2.01	0.13	51.92	74.01	14.41	0.248	57.160	9.196	0.30	51.92
2.02	0.13	52.08	74.14	14.47	0.186	57.161	9.197	0.30	52.08
2.03	0.13	52.23	74.27	14.54	0.125	57.161	9.197	0.30	52.23
2.04	0.13	52.39	74.40	14.61	0.067	57.161	9.197	0.30	52.39
2.05	0.13	52.55	74.53	14.67	0.011	57.161	9.197	0.30	52.55
2.06	0.13	53.50	74.66	14.74	0.0	57.161	9.197	0.30	53.50
2.07	0.13	54.44	74.79	14.81	0.0	57.161	9.197	0.30	54.44
2.08	0.13	55.38	74.92	14.88	0.0	57.161	9.197	0.30	55.38
2.09	0.13	56.32	75.05	14.95	0.0	57.161	9.197	0.30	56.32
2.10	0.13	57.25	75.18	15.03	0.0	57.161	9.197	0.30	57.25
2.11	0.13	57.95	75.31	15.10	0.0	57.161	9.197	0.30	57.95
2.12	0.13	58.64	75.44	15.17	0.0	57.161	9.197	0.30	58.64
2.13	0.13	59.32	75.57	15.25	0.0	57.161	9.197	0.30	59.32
2.14	0.13	60.01	75.70	15.33	0.0	57.161	9.197	0.30	60.01
2.15	0.13	60.69	75.83	15.40	0.0	57.161	9.197	0.30	60.69
2.16	0.13	61.20	75.96	15.48	0.0	57.161	9.197	0.30	61.20
2.17	0.13	61.71	76.09	15.56	0.0	57.161	9.197	0.30	61.71
2.18	0.13	62.21	76.22	15.64	0.0	57.161	9.197	0.30	62.21
2.19	0.13	62.72	76.35	15.72	0.0	57.161	9.197	0.30	62.72
2.20	0.13	63.22	76.48	15.80	0.0	57.161	9.197	0.30	63.22
2.21	0.13	63.52	76.61	15.88	0.0	57.161	9.197	0.30	63.52
2.22	0.13	63.83	76.74	15.96	0.0	57.161	9.197	0.30	63.83
2.23	0.13	64.13	76.87	16.05	0.0	57.161	9.197	0.30	64.13
2.24	0.14	64.44	77.01	16.13	0.0	57.161	9.197	0.33	64.44
2.25	0.14	64.74	77.15	16.22	0.0	57.161	9.197	0.33	64.74
2.26	0.14	65.90	77.29	16.31	0.0	57.161	9.197	0.33	65.90
2.27	0.14	67.05	77.43	16.40	0.0	57.161	9.197	0.33	67.05
2.28	0.14	68.20	77.57	16.50	0.0	57.161	9.197	0.33	68.20
2.29	0.15	69.34	77.72	16.60	0.0	57.161	9.197	0.35	69.34
2.30	0.15	70.48	77.87	16.70	0.0	57.161	9.197	0.35	70.48

2.31	0.78	71.32	78.65	17.25	0.0	57.161	9.197	1.82	71.32
2.32	0.78	72.16	79.43	17.78	0.0	57.161	9.197	1.82	72.16
2.33	0.78	73.00	80.21	18.32	0.0	57.161	9.197	1.82	73.00
2.34	0.77	73.84	80.98	18.85	0.0	57.161	9.197	1.80	73.84
2.35	0.77	74.67	81.75	19.38	0.0	57.161	9.197	1.80	74.67
2.36	0.77	75.50	82.52	19.90	0.0	57.161	9.197	1.80	75.50
2.37	0.76	76.32	83.28	20.41	0.0	57.161	9.197	1.77	76.32
2.38	0.76	77.14	84.04	20.93	0.0	57.161	9.197	1.77	77.14
2.39	0.76	77.96	84.80	21.44	0.0	57.161	9.197	1.77	77.96
2.40	0.75	78.77	85.55	21.94	0.0	57.161	9.197	1.75	78.77
2.41	0.75	79.58	86.30	22.44	0.0	57.161	9.197	1.75	79.58
2.42	0.75	80.39	87.05	22.94	0.0	57.161	9.197	1.75	80.39
2.43	0.74	81.19	87.79	23.43	0.0	57.161	9.197	1.73	81.19
2.44	0.74	82.00	88.53	23.92	0.0	57.161	9.197	1.73	82.00
2.45	0.74	82.79	89.27	24.41	0.0	57.161	9.197	1.73	82.79
2.46	0.73	83.70	90.00	24.89	0.0	57.161	9.197	1.70	83.70
2.47	0.73	84.60	90.73	25.37	0.0	57.161	9.197	1.70	84.60
2.48	0.73	85.50	91.46	25.85	0.0	57.161	9.197	1.70	85.50
2.49	0.73	86.39	92.19	26.33	0.0	57.161	9.197	1.70	86.39
2.50	0.72	87.28	92.91	26.80	0.0	57.161	9.197	1.68	87.28
2.51	0.72	88.17	93.63	27.27	0.0	57.161	9.197	1.68	88.17
2.52	0.72	89.05	94.35	27.75	0.0	57.161	9.197	1.68	89.05
2.53	0.71	89.93	95.06	28.21	0.0	57.161	9.197	1.66	89.93
2.54	0.71	90.81	95.77	28.67	0.0	57.161	9.197	1.66	90.81
2.55	0.71	91.68	96.48	29.14	0.0	57.161	9.197	1.66	91.68
2.56	0.71	92.55	97.19	29.60	0.0	57.161	9.197	1.66	92.55
2.57	0.70	93.42	97.89	30.06	0.0	57.161	9.197	1.63	93.42
2.58	0.70	94.28	98.59	30.51	0.0	57.161	9.197	1.63	94.28
2.59	0.70	95.14	99.29	30.97	0.0	57.161	9.197	1.63	95.14
2.60	0.69	96.00	99.98	31.42	0.0	57.161	9.197	1.61	96.00

		CLEAN COAL ASH %	9.20	REFUSE ASH %	61.07
HEAD ASH %	31.42	CLEAN COAL YIELD%	57.16	REFUSE YIELD%	42.84
THEO. YIELD	59.46	ECART PROB. MOYEN	0.0380		
SG OF SEPARATION	1.600	IMPERFECTION	0.024		
NEAR GRAVITY MAT	20.296				
ORGANIC EFFCY.	96.13				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 32 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 89.22 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.11	0.12	0.11	0.12	100.000	0.110	0.120	0.0	0.12
1.25	0.11	0.22	0.22	0.17	100.000	0.220	0.170	0.0	0.22
1.26	0.11	0.33	0.33	0.22	100.000	0.330	0.223	0.0	0.33
1.27	0.11	0.43	0.44	0.27	99.908	0.440	0.275	0.00	0.43
1.28	0.11	0.54	0.55	0.33	99.816	0.550	0.328	0.00	0.54
1.29	0.11	0.64	0.66	0.38	99.725	0.659	0.380	0.00	0.64
1.30	0.10	0.74	0.76	0.43	99.634	0.759	0.427	0.00	0.74
1.31	0.10	0.85	0.86	0.48	99.543	0.859	0.476	0.00	0.85
1.32	0.10	1.19	0.96	0.65	99.453	0.958	0.550	0.00	1.19
1.33	0.10	1.78	1.06	0.67	99.362	1.057	0.666	0.00	1.78
1.34	0.10	2.37	1.16	0.81	99.272	1.157	0.812	0.00	2.37
1.35	0.10	2.95	1.26	0.98	99.181	1.256	0.981	0.00	2.95
1.36	0.10	3.53	1.36	1.17	99.091	1.355	1.167	0.00	3.53
1.37	0.10	4.11	1.46	1.37	99.000	1.454	1.368	0.00	4.11
1.38	0.10	4.68	1.56	1.58	98.910	1.553	1.579	0.00	4.68
1.39	0.10	5.24	1.66	1.80	98.821	1.652	1.798	0.00	5.24
1.40	0.10	5.80	1.76	2.03	98.733	1.750	2.023	0.00	5.80
1.41	3.75	6.24	5.51	4.90	98.646	5.450	4.886	0.18	6.24
1.42	4.45	6.67	9.96	5.69	98.559	9.835	5.681	0.23	6.67
1.43	4.97	7.11	14.93	6.16	98.473	14.730	6.156	0.27	7.11
1.44	5.32	7.53	20.25	6.52	98.386	19.964	6.516	0.30	7.53
1.45	5.49	7.96	25.74	6.83	98.300	25.360	6.823	0.33	7.96
1.46	5.50	8.78	31.24	7.17	98.212	30.762	7.167	0.35	8.78
1.47	5.32	9.59	36.56	7.52	98.125	35.982	7.519	0.35	9.59
1.48	4.98	10.40	41.54	7.87	98.036	40.864	7.863	0.34	10.40
1.49	4.46	11.20	46.00	8.19	97.495	45.213	8.184	0.39	11.20
1.50	3.77	11.99	49.77	8.48	96.412	48.847	8.467	0.47	11.99
1.51	3.42	12.73	53.19	8.75	95.125	52.101	8.733	0.59	12.73
1.52	3.47	13.46	56.66	9.04	93.490	55.345	9.010	0.79	13.46
1.53	3.44	14.19	60.10	9.34	90.776	58.468	9.287	1.11	14.19
1.54	3.34	14.92	63.44	9.63	85.255	61.315	9.549	1.73	14.92
1.55	3.15	15.63	66.59	9.91	79.476	63.819	9.787	2.27	15.63
1.56	2.88	16.21	69.47	10.17	73.007	65.921	9.992	2.73	16.21
1.57	2.53	16.78	72.00	10.41	68.421	67.652	10.166	2.81	16.78
1.58	2.10	17.35	74.10	10.60	61.842	68.951	10.301	2.81	17.35
1.59	1.59	17.92	75.69	10.76	55.263	69.830	10.397	2.50	17.92
1.60	0.99	18.48	76.68	10.86	48.684	70.312	10.452	1.78	18.48
1.61	0.65	19.14	77.33	10.93	43.421	70.594	10.487	1.29	19.14
1.62	0.62	19.81	77.95	11.00	36.842	70.822	10.517	1.37	19.81
1.63	0.58	20.46	78.53	11.07	30.263	70.998	10.542	1.42	20.46
1.64	0.54	21.12	79.07	11.14	23.684	71.126	10.561	1.45	21.12
1.65	0.51	21.77	79.58	11.20	18.876	71.222	10.576	1.45	21.77
1.66	0.47	22.41	80.05	11.27	13.805	71.287	10.587	1.42	22.41
1.67	0.44	23.04	80.49	11.33	10.000	71.331	10.594	1.39	23.04
1.68	0.40	23.68	80.89	11.39	7.455	71.361	10.600	1.30	23.68
1.69	0.36	24.31	81.25	11.45	5.878	71.382	10.604	1.19	24.31
1.70	0.33	24.93	81.58	11.51	5.050	71.398	10.607	1.10	24.93

1.71	0.32	25.57	81.90	11.56	4.517	71.413	10.610	1.07	25.57
1.72	0.33	26.21	82.23	11.62	4.029	71.426	10.613	1.11	26.21
1.73	0.33	26.84	82.56	11.68	3.554	71.438	10.616	1.12	26.84
1.74	0.33	27.47	82.89	11.74	3.109	71.448	10.618	1.12	27.47
1.75	0.33	28.10	83.22	11.81	2.713	71.457	10.620	1.13	28.10
1.76	0.32	28.73	83.54	11.87	2.385	71.465	10.622	1.10	28.73
1.77	0.30	29.35	83.84	11.94	2.141	71.471	10.624	1.03	29.35
1.78	0.28	29.98	84.12	12.00	2.000	71.477	10.625	0.96	29.98
1.79	0.25	30.60	84.37	12.05	1.916	71.482	10.627	0.86	30.60
1.80	0.21	31.21	84.58	12.10	1.832	71.485	10.628	0.72	31.21
1.81	0.19	31.81	84.77	12.14	1.748	71.489	10.629	0.66	31.81
1.82	0.19	32.40	84.96	12.19	1.664	71.492	10.630	0.66	32.40
1.83	0.19	32.99	85.15	12.23	1.580	71.495	10.631	0.66	32.99
1.84	0.18	33.58	85.33	12.28	1.497	71.498	10.632	0.62	33.58
1.85	0.18	34.16	85.51	12.33	1.415	71.500	10.632	0.62	34.16
1.86	0.18	34.27	85.69	12.37	1.335	71.503	10.633	0.62	34.27
1.87	0.17	34.37	85.86	12.42	1.257	71.505	10.634	0.59	34.37
1.88	0.17	34.48	86.03	12.46	1.180	71.507	10.635	0.59	34.48
1.89	0.17	34.59	86.20	12.50	1.106	71.509	10.635	0.59	34.59
1.90	0.16	34.69	86.36	12.54	1.035	71.510	10.636	0.56	34.69
1.91	0.18	34.69	86.54	12.59	0.931	71.512	10.636	0.63	34.69
1.92	0.17	34.69	86.71	12.63	0.862	71.513	10.637	0.59	34.69
1.93	0.17	34.69	86.88	12.68	0.792	71.515	10.637	0.59	34.69
1.94	0.16	34.69	87.04	12.72	0.722	71.516	10.638	0.56	34.69
1.95	0.16	34.69	87.20	12.76	0.652	71.517	10.638	0.56	34.69
1.96	0.12	35.16	87.32	12.79	0.583	71.518	10.638	0.42	35.16
1.97	0.13	35.62	87.45	12.82	0.514	71.518	10.639	0.45	35.62
1.98	0.13	36.07	87.58	12.86	0.446	71.519	10.639	0.45	36.07
1.99	0.13	36.53	87.71	12.89	0.379	71.519	10.639	0.45	36.53
2.00	0.14	36.98	87.85	12.93	0.313	71.520	10.639	0.49	36.98
2.01	0.18	37.15	88.03	12.98	0.248	71.520	10.639	0.63	37.15
2.02	0.21	37.31	88.24	13.04	0.186	71.521	10.639	0.74	37.31
2.03	0.24	37.47	88.48	13.10	0.125	71.521	10.639	0.84	37.47
2.04	0.25	37.63	88.73	13.17	0.067	71.521	10.640	0.88	37.63
2.05	0.26	37.79	88.99	13.24	0.011	71.521	10.640	0.91	37.79
2.06	0.26	38.91	89.25	13.32	0.0	71.521	10.640	0.91	38.91
2.07	0.26	40.02	89.51	13.40	0.0	71.521	10.640	0.91	40.02
2.08	0.24	41.13	89.75	13.47	0.0	71.521	10.640	0.84	41.13
2.09	0.22	42.23	89.97	13.54	0.0	71.521	10.640	0.77	42.23
2.10	0.19	43.33	90.16	13.60	0.0	71.521	10.640	0.67	43.33
2.11	0.12	44.29	90.28	13.65	0.0	71.521	10.640	0.42	44.29
2.12	0.07	45.24	90.35	13.67	0.0	71.521	10.640	0.25	45.24
2.13	0.04	46.19	90.39	13.68	0.0	71.521	10.640	0.14	46.19
2.14	0.02	47.14	90.41	13.69	0.0	71.521	10.640	0.07	47.14
2.15	0.01	48.08	90.42	13.70	0.0	71.521	10.640	0.04	48.08
2.16	0.02	48.08	90.44	13.70	0.0	71.521	10.640	0.07	48.08
2.17	0.04	48.08	90.48	13.72	0.0	71.521	10.640	0.14	48.08
2.18	0.08	48.08	90.56	13.75	0.0	71.521	10.640	0.28	48.08
2.19	0.13	48.08	90.69	13.80	0.0	71.521	10.640	0.46	48.08
2.20	0.20	48.08	90.89	13.87	0.0	71.521	10.640	0.70	48.08
2.21	0.22	48.12	91.11	13.96	0.0	71.521	10.640	0.77	48.12
2.22	0.22	48.16	91.33	14.04	0.0	71.521	10.640	0.77	48.16
2.23	0.22	48.20	91.55	14.12	0.0	71.521	10.640	0.77	48.20
2.24	0.22	48.23	91.77	14.20	0.0	71.521	10.640	0.77	48.23
2.25	0.22	48.27	91.99	14.28	0.0	71.521	10.640	0.77	48.27
2.26	0.22	48.59	92.21	14.37	0.0	71.521	10.640	0.77	48.59
2.27	0.23	48.92	92.44	14.45	0.0	71.521	10.640	0.81	48.92
2.28	0.23	49.24	92.67	14.54	0.0	71.521	10.640	0.81	49.24
2.29	0.23	49.56	92.90	14.62	0.0	71.521	10.640	0.81	49.56
2.30	0.23	49.88	93.13	14.71	0.0	71.521	10.640	0.81	49.88

2.31	0.36	49.88	93.49	14.85	0.0	71.521	10.640	1.26	49.88
2.32	0.36	49.88	93.85	14.98	0.0	71.521	10.640	1.26	49.88
2.33	0.36	49.88	94.21	15.11	0.0	71.521	10.640	1.26	49.88
2.34	0.36	49.88	94.57	15.25	0.0	71.521	10.640	1.26	49.88
2.35	0.36	49.89	94.93	15.38	0.0	71.521	10.640	1.26	49.89
2.36	0.35	49.89	95.28	15.50	0.0	71.521	10.640	1.23	49.89
2.37	0.35	49.89	95.63	15.63	0.0	71.521	10.640	1.23	49.89
2.38	0.35	49.89	95.98	15.76	0.0	71.521	10.640	1.23	49.89
2.39	0.35	49.89	96.33	15.88	0.0	71.521	10.640	1.23	49.89
2.40	0.35	49.89	96.68	16.00	0.0	71.521	10.640	1.23	49.89
2.41	0.35	49.89	97.03	16.13	0.0	71.521	10.640	1.23	49.89
2.42	0.35	49.89	97.38	16.25	0.0	71.521	10.640	1.23	49.89
2.43	0.34	49.90	97.72	16.36	0.0	71.521	10.640	1.19	49.90
2.44	0.34	49.90	98.06	16.48	0.0	71.521	10.640	1.19	49.90
2.45	0.34	49.90	98.40	16.60	0.0	71.521	10.640	1.19	49.90
2.46	0.11	53.06	98.51	16.64	0.0	71.521	10.640	0.39	53.06
2.47	0.11	56.21	98.62	16.68	0.0	71.521	10.640	0.39	56.21
2.48	0.11	59.34	98.73	16.73	0.0	71.521	10.640	0.39	59.34
2.49	0.11	62.46	98.84	16.78	0.0	71.521	10.640	0.39	62.46
2.50	0.11	65.57	98.95	16.83	0.0	71.521	10.640	0.39	65.57
2.51	0.11	68.67	99.06	16.89	0.0	71.521	10.640	0.39	68.67
2.52	0.11	71.75	99.17	16.95	0.0	71.521	10.640	0.39	71.75
2.53	0.11	74.83	99.28	17.02	0.0	71.521	10.640	0.39	74.83
2.54	0.11	77.89	99.39	17.08	0.0	71.521	10.640	0.39	77.89
2.55	0.11	80.93	99.50	17.15	0.0	71.521	10.640	0.39	80.93
2.56	0.11	83.97	99.61	17.23	0.0	71.521	10.640	0.39	83.97
2.57	0.11	87.00	99.72	17.30	0.0	71.521	10.640	0.39	87.00
2.58	0.11	90.01	99.83	17.38	0.0	71.521	10.640	0.39	90.01
2.59	0.10	93.01	99.93	17.46	0.0	71.521	10.640	0.35	93.01
2.60	0.10	96.00	100.03	17.54	0.0	71.521	10.640	0.35	96.00

		CLEAN COAL ASH %	10.64	REFUSE ASH %	34.86
HEAD ASH %	17.54	CLEAN COAL YIELD%	71.52	REFUSE YIELD%	28.48
THEO. YIELD	74.48	ECART PROB. MOYEN	0.0380		
SG OF SEPARATION	1.582	IMPERFECTION	0.024		
NEAR GRAVITY MAT	38.382				
ORGANIC EFFCY.	96.03				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR_DDH82005 SID: 34 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 82.63 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.01	0.23	0.01	0.23	100.000	0.010	0.230	0.0	0.23
1.25	0.01	0.44	0.02	0.33	100.000	0.020	0.335	0.0	0.44
1.26	0.01	0.66	0.03	0.44	100.000	0.030	0.443	0.0	0.66
1.27	0.01	0.87	0.04	0.55	99.908	0.040	0.550	0.00	0.87
1.28	0.01	1.08	0.05	0.66	99.816	0.050	0.656	0.00	1.08
1.29	0.01	1.29	0.06	0.76	99.725	0.060	0.761	0.00	1.29
1.30	0.01	1.50	0.07	0.87	99.634	0.070	0.867	0.00	1.50
1.31	0.01	1.70	0.08	0.97	99.543	0.080	0.970	0.00	1.70
1.32	0.01	1.96	0.09	1.08	99.453	0.090	1.080	0.00	1.96
1.33	0.01	2.27	0.10	1.20	99.362	0.100	1.189	0.00	2.27
1.34	0.01	2.57	0.11	1.32	99.272	0.110	1.323	0.00	2.57
1.35	0.01	2.87	0.12	1.45	99.181	0.120	1.451	0.00	2.87
1.36	0.01	3.17	0.13	1.59	99.091	0.129	1.583	0.00	3.17
1.37	0.01	3.47	0.14	1.72	99.000	0.139	1.717	0.00	3.47
1.38	0.01	3.77	0.15	1.86	98.910	0.149	1.853	0.00	3.77
1.39	0.01	4.06	0.16	1.99	98.821	0.159	1.990	0.00	4.06
1.40	0.01	4.35	0.17	2.13	98.733	0.169	2.128	0.00	4.35
1.41	3.45	4.59	3.62	4.47	98.646	3.572	4.473	0.14	4.59
1.42	3.92	4.83	7.54	4.66	98.559	7.436	4.659	0.16	4.83
1.43	4.28	5.06	11.82	4.80	98.473	11.650	4.804	0.19	5.06
1.44	4.52	5.30	16.34	4.94	98.386	16.098	4.941	0.21	5.30
1.45	4.64	5.53	20.98	5.07	98.300	20.659	5.071	0.23	5.53
1.46	4.66	6.61	25.64	5.35	98.212	25.235	5.350	0.24	6.61
1.47	4.55	7.67	30.19	5.70	98.125	29.700	5.699	0.25	7.67
1.48	4.34	8.73	34.53	6.08	98.036	33.955	6.079	0.25	8.73
1.49	4.01	9.79	38.54	6.47	97.495	37.864	6.462	0.29	9.79
1.50	3.56	10.83	42.10	6.84	96.412	41.297	6.825	0.37	10.83
1.51	3.35	11.78	45.45	7.20	95.125	44.483	7.180	0.48	11.78
1.52	3.40	12.72	48.85	7.58	93.490	47.662	7.549	0.65	12.72
1.53	3.40	13.66	52.25	7.98	90.776	50.748	7.921	0.92	13.66
1.54	3.33	14.59	55.58	8.38	85.255	53.587	8.274	1.43	14.59
1.55	3.20	15.51	58.78	8.76	79.476	56.131	8.602	1.92	15.51
1.56	3.01	16.45	61.79	9.14	73.007	58.328	8.898	2.37	16.45
1.57	2.76	17.98	64.55	9.49	68.421	60.216	9.164	2.54	17.98
1.58	2.44	18.31	66.99	9.81	61.842	61.725	9.387	2.72	18.31
1.59	2.06	19.24	69.05	10.09	55.263	62.864	9.566	2.69	19.24
1.60	1.63	20.16	70.68	10.33	48.684	63.657	9.698	2.44	20.16
1.61	1.32	21.34	72.00	10.53	43.421	64.231	9.802	2.18	21.34
1.62	1.19	22.53	73.19	10.72	36.842	64.669	9.888	2.19	22.53
1.63	1.07	23.70	74.26	10.91	30.263	64.993	9.957	2.18	23.70
1.64	0.95	24.87	75.21	11.09	23.684	65.218	10.008	2.12	24.87
1.65	0.83	26.03	76.04	11.25	18.876	65.374	10.047	1.97	26.03
1.66	0.72	26.70	76.76	11.39	13.805	65.474	10.072	1.81	26.70
1.67	0.61	27.36	77.37	11.52	10.000	65.535	10.088	1.60	27.36
1.68	0.60	28.02	77.87	11.63	7.455	65.572	10.098	1.35	28.02
1.69	0.40	28.67	78.27	11.71	5.878	65.596	10.105	1.10	28.67
1.70	0.30	29.32	78.57	11.78	5.050	65.611	10.109	0.83	29.32

1.71	0.25	30.24	78.82	11.84	4.517	65.622	10.113	0.70	30.24
1.72	0.25	31.15	79.07	11.90	4.029	65.632	10.116	0.70	31.15
1.73	0.24	32.06	79.31	11.96	3.554	65.641	10.119	0.68	32.06
1.74	0.24	32.95	79.55	12.02	3.109	65.648	10.122	0.68	32.95
1.75	0.24	33.85	79.79	12.09	2.713	65.655	10.124	0.68	33.85
1.76	0.24	34.21	80.03	12.16	2.385	65.660	10.126	0.68	34.21
1.77	0.25	34.58	80.28	12.23	2.141	65.666	10.128	0.71	34.58
1.78	0.25	34.94	80.53	12.30	2.000	65.671	10.130	0.72	34.94
1.79	0.26	35.30	80.79	12.37	1.916	65.676	10.132	0.74	35.30
1.80	0.27	35.66	81.06	12.45	1.832	65.681	10.134	0.77	35.66
1.81	0.30	35.66	81.36	12.53	1.748	65.686	10.136	0.86	35.66
1.82	0.30	35.66	81.66	12.62	1.664	65.691	10.138	0.86	35.66
1.83	0.31	35.66	81.97	12.71	1.580	65.696	10.140	0.89	35.66
1.84	0.31	35.66	82.28	12.79	1.497	65.700	10.141	0.89	35.66
1.85	0.31	35.66	82.59	12.88	1.415	65.705	10.143	0.89	35.66
1.86	0.24	36.90	82.83	12.95	1.335	65.708	10.144	0.69	36.90
1.87	0.24	38.13	83.07	13.02	1.257	65.711	10.146	0.69	38.13
1.88	0.24	39.36	83.31	13.10	1.180	65.714	10.147	0.69	39.36
1.89	0.24	40.57	83.55	13.18	1.106	65.717	10.148	0.69	40.57
1.90	0.24	41.79	83.79	13.26	1.035	65.719	10.149	0.69	41.79
1.91	0.26	42.76	84.05	13.35	0.931	65.721	10.151	0.75	42.76
1.92	0.26	43.73	84.31	13.44	0.862	65.724	10.152	0.75	43.73
1.93	0.26	44.69	84.57	13.54	0.792	65.726	10.153	0.75	44.69
1.94	0.25	45.65	84.82	13.63	0.722	65.728	10.154	0.72	45.65
1.95	0.25	46.61	85.07	13.73	0.652	65.729	10.155	0.72	46.61
1.96	0.25	46.77	85.32	13.83	0.583	65.731	10.156	0.73	46.77
1.97	0.25	46.94	85.57	13.92	0.514	65.732	10.156	0.73	46.94
1.98	0.24	47.11	85.81	14.02	0.446	65.733	10.157	0.70	47.11
1.99	0.24	47.28	86.05	14.11	0.379	65.734	10.157	0.70	47.28
2.00	0.24	47.44	86.29	14.20	0.313	65.735	10.158	0.70	47.44
2.01	0.24	47.70	86.53	14.29	0.248	65.735	10.158	0.70	47.70
2.02	0.24	47.97	86.77	14.39	0.186	65.736	10.158	0.70	47.97
2.03	0.24	48.23	87.01	14.48	0.125	65.736	10.159	0.70	48.23
2.04	0.23	48.49	87.24	14.57	0.067	65.736	10.159	0.67	48.49
2.05	0.21	48.75	87.45	14.65	0.011	65.736	10.159	0.61	48.75
2.06	0.20	49.23	87.65	14.73	0.0	65.736	10.159	0.58	49.23
2.07	0.18	49.72	87.83	14.80	0.0	65.736	10.159	0.53	49.72
2.08	0.15	50.20	87.98	14.86	0.0	65.736	10.159	0.44	50.20
2.09	0.12	50.68	88.10	14.91	0.0	65.736	10.159	0.35	50.68
2.10	0.09	51.15	88.19	14.95	0.0	65.736	10.159	0.26	51.15
2.11	0.01	51.59	88.20	14.95	0.0	65.736	10.159	0.03	51.59
2.12	0.01	52.02	88.21	14.96	0.0	65.736	10.159	0.03	52.02
2.13	0.0	52.45	88.21	14.96	0.0	65.736	10.159	0.0	52.45
2.14	0.0	52.88	88.21	14.96	0.0	65.736	10.159	0.0	52.88
2.15	0.0	53.31	88.21	14.96	0.0	65.736	10.159	0.0	53.31
2.16	0.13	53.31	88.34	15.01	0.0	65.736	10.159	0.38	53.31
2.17	0.13	53.31	88.47	15.07	0.0	65.736	10.159	0.38	53.31
2.18	0.13	53.31	88.60	15.13	0.0	65.736	10.159	0.38	53.31
2.19	0.13	53.31	88.73	15.18	0.0	65.736	10.159	0.38	53.31
2.20	0.13	53.31	88.86	15.24	0.0	65.736	10.159	0.38	53.31
2.21	0.13	53.31	88.99	15.29	0.0	65.736	10.159	0.38	53.31
2.22	0.13	53.31	89.12	15.35	0.0	65.736	10.159	0.38	53.31
2.23	0.12	53.31	89.24	15.40	0.0	65.736	10.159	0.35	53.31
2.24	0.12	53.31	89.36	15.45	0.0	65.736	10.159	0.35	53.31
2.25	0.12	53.31	89.48	15.50	0.0	65.736	10.159	0.35	53.31
2.26	0.01	53.48	89.49	15.51	0.0	65.736	10.159	0.03	53.48
2.27	0.01	53.65	89.50	15.51	0.0	65.736	10.159	0.03	53.65
2.28	0.01	53.82	89.51	15.52	0.0	65.736	10.159	0.03	53.82
2.29	0.01	53.99	89.52	15.52	0.0	65.736	10.159	0.03	53.99
2.30	0.01	54.16	89.53	15.52	0.0	65.736	10.159	0.03	54.16

2.31	0.47	54.16	90.00	15.73	0.0	65.736	10.159	1.37	54.16
2.32	0.47	54.16	90.47	15.93	0.0	65.736	10.159	1.37	54.16
2.33	0.47	54.16	90.94	16.12	0.0	65.736	10.159	1.37	54.16
2.34	0.47	54.16	91.41	16.32	0.0	65.736	10.159	1.37	54.16
2.35	0.46	54.16	91.87	16.51	0.0	65.736	10.159	1.34	54.16
2.36	0.46	54.16	92.33	16.70	0.0	65.736	10.159	1.34	54.16
2.37	0.46	54.16	92.79	16.88	0.0	65.736	10.159	1.34	54.16
2.38	0.46	54.16	93.25	17.06	0.0	65.736	10.159	1.34	54.16
2.39	0.46	54.17	93.71	17.25	0.0	65.736	10.159	1.34	54.17
2.40	0.46	54.17	94.17	17.43	0.0	65.736	10.159	1.34	54.17
2.41	0.45	54.17	94.62	17.60	0.0	65.736	10.159	1.31	54.17
2.42	0.45	54.17	95.07	17.78	0.0	65.736	10.159	1.31	54.17
2.43	0.45	54.17	95.52	17.95	0.0	65.736	10.159	1.31	54.17
2.44	0.45	54.17	95.97	18.12	0.0	65.736	10.159	1.31	54.17
2.45	0.45	54.17	96.42	18.28	0.0	65.736	10.159	1.31	54.17
2.46	0.24	57.04	96.66	18.38	0.0	65.736	10.159	0.70	57.04
2.47	0.24	59.89	96.90	18.48	0.0	65.736	10.159	0.70	59.89
2.48	0.24	62.74	97.14	18.59	0.0	65.736	10.159	0.70	62.74
2.49	0.24	65.57	97.38	18.71	0.0	65.736	10.159	0.70	65.57
2.50	0.24	68.39	97.62	18.83	0.0	65.736	10.159	0.70	68.39
2.51	0.24	71.20	97.86	18.96	0.0	65.736	10.159	0.70	71.20
2.52	0.24	74.00	98.10	19.09	0.0	65.736	10.159	0.70	74.00
2.53	0.23	76.79	98.33	19.23	0.0	65.736	10.159	0.67	76.79
2.54	0.23	79.56	98.56	19.37	0.0	65.736	10.159	0.67	79.56
2.55	0.23	82.33	98.79	19.52	0.0	65.736	10.159	0.67	82.33
2.56	0.23	85.09	99.02	19.67	0.0	65.736	10.159	0.67	85.09
2.57	0.23	87.83	99.25	19.83	0.0	65.736	10.159	0.67	87.83
2.58	0.23	90.56	99.48	19.99	0.0	65.736	10.159	0.67	90.56
2.59	0.23	93.29	99.71	20.16	0.0	65.736	10.159	0.67	93.29
2.60	0.23	96.00	99.94	20.33	0.0	65.736	10.159	0.67	96.00

		CLEAN COAL ASH %	10.16	REFUSE ASH %	39.86
HEAD ASH %	20.33	CLEAN COAL YIELD%	65.74	REFUSE YIELD%	34.26
THEO. YIELD	69.51	ECART PROB. MOYEN	0.0380		
SG OF SEPARATION	1.593	IMPERFECTION	0.024		
NEAR GRAVITY MAT	38.818				
ORGANIC EFFCY.	94.58				

(2)

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 38 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.55 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.43	0.23	0.43	0.23	100.000	0.430	0.230	0.0	0.23
1.25	0.43	0.45	0.86	0.34	100.000	0.860	0.340	0.0	0.45
1.26	0.43	0.67	1.29	0.45	100.000	1.290	0.450	0.0	0.67
1.27	0.42	0.89	1.71	0.56	99.908	1.710	0.558	0.00	0.89
1.28	0.42	1.10	2.13	0.66	98.816	2.129	0.665	0.00	1.10
1.29	0.42	1.31	2.55	0.77	99.725	2.548	0.771	0.00	1.31
1.30	0.41	1.53	2.96	0.88	99.634	2.956	0.876	0.00	1.53
1.31	0.41	1.73	3.37	0.98	99.543	3.364	0.979	0.00	1.73
1.32	0.41	2.02	3.78	1.09	99.453	3.772	1.092	0.01	2.02
1.33	0.40	2.38	4.18	1.22	99.362	4.170	1.215	0.01	2.38
1.34	0.40	2.74	4.58	1.35	99.272	4.567	1.347	0.01	2.74
1.35	0.40	3.10	4.98	1.49	99.181	4.963	1.487	0.01	3.10
1.36	0.40	3.45	5.38	1.64	99.091	5.360	1.633	0.01	3.45
1.37	0.39	3.80	5.77	1.78	99.000	5.746	1.778	0.01	3.80
1.38	0.39	4.15	6.16	1.93	98.910	6.132	1.927	0.01	4.15
1.39	0.39	4.50	6.55	2.08	98.821	6.517	2.080	0.01	4.50
1.40	0.38	4.84	6.93	2.24	98.733	6.892	2.230	0.01	4.84
1.41	2.93	5.07	9.86	3.08	98.646	9.782	3.069	0.10	5.07
1.42	3.48	5.30	13.34	3.66	98.559	13.212	3.648	0.13	5.30
1.43	3.89	5.53	17.23	4.08	98.473	17.043	4.071	0.15	5.53
1.44	4.16	5.75	21.39	4.41	98.386	21.136	4.396	0.18	5.75
1.45	4.29	5.98	25.68	4.67	98.300	25.353	4.660	0.19	5.98
1.46	4.27	6.98	29.95	5.00	98.212	29.546	4.989	0.20	6.98
1.47	4.11	7.98	34.06	5.36	98.125	33.579	5.348	0.20	7.98
1.48	3.81	8.97	37.87	5.72	98.036	37.315	5.711	0.20	8.97
1.49	3.36	9.95	41.23	6.07	97.495	40.590	6.053	0.22	9.95
1.50	2.78	10.93	44.01	6.37	96.412	43.271	6.355	0.26	10.93
1.51	2.43	11.82	46.44	6.66	95.128	45.582	6.632	0.31	11.82
1.52	2.40	12.70	48.84	6.95	93.490	47.826	6.917	0.41	12.70
1.53	2.35	13.57	51.19	7.26	90.776	49.959	7.201	0.57	13.57
1.54	2.28	14.44	53.47	7.56	85.255	51.903	7.472	0.88	14.44
1.55	2.19	15.31	55.66	7.87	79.476	53.644	7.726	1.17	15.31
1.56	2.08	16.51	57.74	8.18	73.007	55.162	7.968	1.46	16.51
1.57	1.94	17.70	59.68	8.49	68.421	56.489	8.197	1.60	17.70
1.58	1.78	18.88	61.46	8.79	61.842	57.590	8.401	1.77	18.88
1.59	1.60	20.06	63.06	9.08	55.263	58.474	8.577	1.87	20.06
1.60	1.39	21.23	64.45	9.34	48.684	59.151	8.722	1.86	21.23
1.61	1.28	22.38	65.73	9.59	43.421	59.707	8.849	1.89	22.38
1.62	1.26	23.53	66.99	9.86	36.842	60.171	8.962	2.08	23.53
1.63	1.23	24.66	68.22	10.12	30.263	60.543	9.059	2.24	24.66
1.64	1.18	25.79	69.40	10.39	23.684	60.823	9.136	2.35	25.79
1.65	1.13	26.91	70.53	10.65	18.876	61.036	9.198	2.39	26.91
1.66	1.05	27.29	71.58	10.90	13.805	61.181	9.241	2.36	27.29
1.67	0.96	27.67	72.54	11.12	10.000	61.277	9.270	2.25	27.67
1.68	0.86	28.04	73.40	11.32	7.455	61.341	9.289	2.08	28.04
1.69	0.75	28.42	74.15	11.49	5.878	61.385	9.303	1.84	28.42
1.70	0.62	28.79	74.77	11.63	5.050	61.417	9.313	1.54	28.79

1.71	0.53	29.18	75.30	11.76	4.517	61.441	9.321	1.32	29.18
1.72	0.49	29.58	75.79	11.87	4.029	61.460	9.327	1.23	29.58
1.73	0.47	29.97	76.26	11.98	3.554	61.477	9.333	1.18	29.97
1.74	0.45	30.35	76.71	12.09	3.109	61.491	9.338	1.14	30.35
1.75	0.44	30.74	77.15	12.20	2.713	61.503	9.342	1.12	30.74
1.76	0.44	31.47	77.59	12.31	2.365	61.513	9.346	1.12	31.47
1.77	0.46	32.21	78.05	12.42	2.141	61.523	9.349	1.17	32.21
1.78	0.48	32.93	78.53	12.55	2.000	61.533	9.353	1.23	32.93
1.79	0.51	33.66	79.04	12.69	1.916	61.543	9.357	1.30	33.66
1.80	0.55	34.38	79.59	12.84	1.832	61.553	9.361	1.41	34.38
1.81	0.61	34.93	80.20	13.00	1.748	61.563	9.365	1.56	34.93
1.82	0.67	35.48	80.87	13.19	1.664	61.575	9.370	1.72	35.48
1.83	0.71	36.02	81.58	13.39	1.580	61.586	9.375	1.82	36.02
1.84	0.73	36.57	82.31	13.59	1.497	61.597	9.380	1.88	36.57
1.85	0.72	37.11	83.03	13.80	1.415	61.607	9.384	1.85	37.11
1.86	0.70	37.76	83.73	14.00	1.335	61.616	9.389	1.80	37.76
1.87	0.65	38.41	84.38	14.19	1.257	61.624	9.393	1.67	38.41
1.88	0.58	39.06	84.96	14.36	1.180	61.631	9.396	1.49	39.06
1.89	0.50	39.70	85.46	14.51	1.106	61.637	9.399	1.29	39.70
1.90	0.39	40.34	85.85	14.62	1.035	61.641	9.401	1.01	40.34
1.91	0.32	40.84	86.17	14.72	0.931	61.644	9.402	0.83	40.84
1.92	0.31	41.33	86.48	14.82	0.862	61.646	9.403	0.80	41.33
1.93	0.30	41.82	86.78	14.91	0.792	61.649	9.405	0.78	41.82
1.94	0.29	42.31	87.07	15.00	0.722	61.651	9.406	0.75	42.31
1.95	0.29	42.80	87.36	15.09	0.652	61.653	9.407	0.75	42.80
1.96	0.28	43.76	87.64	15.18	0.583	61.654	9.408	0.73	43.76
1.97	0.28	44.72	87.92	15.28	0.514	61.656	9.409	0.73	44.72
1.98	0.29	45.67	88.21	15.38	0.446	61.657	9.409	0.75	45.67
1.99	0.29	46.62	88.50	15.48	0.379	61.658	9.410	0.75	46.62
2.00	0.30	47.56	88.80	15.59	0.313	61.659	9.411	0.78	47.56
2.01	0.31	48.25	89.11	15.70	0.248	61.660	9.411	0.81	48.25
2.02	0.32	48.95	89.43	15.82	0.186	61.661	9.411	0.83	48.95
2.03	0.32	49.63	89.75	15.94	0.125	61.661	9.412	0.83	49.63
2.04	0.32	50.32	90.07	16.06	0.067	61.661	9.412	0.83	50.32
2.05	0.32	51.00	90.39	16.19	0.011	61.661	9.412	0.83	51.00
2.06	0.32	51.90	90.71	16.31	0.0	61.661	9.412	0.83	51.90
2.07	0.31	52.79	91.02	16.44	0.0	61.661	9.412	0.81	52.79
2.08	0.30	53.69	91.32	16.56	0.0	61.661	9.412	0.78	53.69
2.09	0.29	54.58	91.61	16.68	0.0	61.661	9.412	0.76	54.58
2.10	0.28	55.46	91.89	16.80	0.0	61.661	9.412	0.73	55.46
2.11	0.23	56.61	92.12	16.90	0.0	61.661	9.412	0.60	56.61
2.12	0.16	57.76	92.28	16.97	0.0	61.661	9.412	0.42	57.76
2.13	0.10	58.90	92.38	17.01	0.0	61.661	9.412	0.26	58.90
2.14	0.06	60.03	92.44	17.04	0.0	61.661	9.412	0.16	60.03
2.15	0.04	61.16	92.48	17.06	0.0	61.661	9.412	0.10	61.16
2.16	0.02	61.20	92.50	17.07	0.0	61.661	9.412	0.05	61.20
2.17	0.03	61.23	92.53	17.09	0.0	61.661	9.412	0.08	61.23
2.18	0.04	61.27	92.57	17.10	0.0	61.661	9.412	0.10	61.27
2.19	0.07	61.30	92.64	17.14	0.0	61.661	9.412	0.18	61.30
2.20	0.12	61.34	92.76	17.19	0.0	61.661	9.412	0.31	61.34
2.21	0.14	61.53	92.90	17.26	0.0	61.661	9.412	0.37	61.53
2.22	0.14	61.72	93.04	17.33	0.0	61.661	9.412	0.37	61.72
2.23	0.14	61.90	93.18	17.40	0.0	61.661	9.412	0.37	61.90
2.24	0.14	62.09	93.32	17.46	0.0	61.661	9.412	0.37	62.09
2.25	0.15	62.28	93.47	17.53	0.0	61.661	9.412	0.39	62.28
2.26	0.15	62.88	93.62	17.61	0.0	61.661	9.412	0.39	62.88
2.27	0.15	63.48	93.77	17.68	0.0	61.661	9.412	0.39	63.48
2.28	0.16	64.08	93.93	17.76	0.0	61.661	9.412	0.42	64.08
2.29	0.17	64.67	94.10	17.84	0.0	61.661	9.412	0.44	64.67
2.30	0.17	65.27	94.27	17.93	0.0	61.661	9.412	0.44	65.27

2.31	0.21	65.27	94.48	18.03	0.0	61.661	9.412	0.55	65.27
2.32	0.21	65.27	94.69	18.14	0.0	61.661	9.412	0.55	65.27
2.33	0.21	65.27	94.90	18.24	0.0	61.661	9.412	0.55	65.27
2.34	0.20	65.27	95.10	18.34	0.0	61.661	9.412	0.52	65.27
2.35	0.20	65.27	95.30	18.44	0.0	61.661	9.412	0.52	65.27
2.36	0.20	65.27	95.50	18.54	0.0	61.661	9.412	0.52	65.27
2.37	0.20	65.27	95.70	18.64	0.0	61.661	9.412	0.52	65.27
2.38	0.20	65.27	95.90	18.73	0.0	61.661	9.412	0.52	65.27
2.39	0.20	65.27	96.10	18.83	0.0	61.661	9.412	0.52	65.27
2.40	0.20	65.27	96.30	18.93	0.0	61.661	9.412	0.52	65.27
2.41	0.20	65.27	96.50	19.02	0.0	61.661	9.412	0.52	65.27
2.42	0.20	65.27	96.70	19.12	0.0	61.661	9.412	0.52	65.27
2.43	0.20	65.27	96.90	19.21	0.0	61.661	9.412	0.52	65.27
2.44	0.20	65.27	97.10	19.31	0.0	61.661	9.412	0.52	65.27
2.45	0.20	65.27	97.30	19.40	0.0	61.661	9.412	0.52	65.27
2.46	0.19	67.37	97.49	19.50	0.0	61.661	9.412	0.50	67.37
2.47	0.19	69.47	97.68	19.59	0.0	61.661	9.412	0.50	69.47
2.48	0.19	71.56	97.87	19.70	0.0	61.661	9.412	0.50	71.56
2.49	0.18	73.64	98.05	19.79	0.0	61.661	9.412	0.47	73.64
2.50	0.18	75.72	98.23	19.90	0.0	61.661	9.412	0.47	75.72
2.51	0.18	77.78	98.41	20.00	0.0	61.661	9.412	0.47	77.78
2.52	0.18	79.84	98.59	20.11	0.0	61.661	9.412	0.47	79.84
2.53	0.18	81.88	98.77	20.22	0.0	61.661	9.412	0.47	81.88
2.54	0.18	83.93	98.95	20.34	0.0	61.661	9.412	0.47	83.93
2.55	0.18	85.96	99.13	20.46	0.0	61.661	9.412	0.47	85.96
2.56	0.18	87.98	99.31	20.58	0.0	61.661	9.412	0.47	87.98
2.57	0.18	90.00	99.49	20.71	0.0	61.661	9.412	0.47	90.00
2.58	0.18	92.01	99.67	20.84	0.0	61.661	9.412	0.47	92.01
2.59	0.18	94.01	99.85	20.97	0.0	61.661	9.412	0.47	94.01
2.60	0.18	96.00	100.03	21.10	0.0	61.661	9.412	0.47	96.00

		CLEAN COAL ASH %	9.41	REFUSE ASH %	39.91
HEAD ASH %	21.10	CLEAN COAL YIELD%	61.66	REFUSE YIELD%	38.34
THEO. YIELD	64.82	ECART PROB. MOYEN	0.0380		
SG OF SEPARATION	1.603	IMPERFECTION	0.024		
NEAR GRAVITY MAT	30.216				
ORGANIC EFFCY.	95.13				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 31 WID: WA1 EQUIPE HMC SG-ASH 10.00 EP 0.086 SG 1.63

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.59 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL SINK WT%	CUM. ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.531	0.0	0.010	0.0	0.01
1.24	0.01	0.07	0.01	0.07	98.493	0.010	0.070	0.00	0.07
1.25	0.01	0.13	0.02	0.10	98.455	0.020	0.100	0.00	0.13
1.26	0.01	0.20	0.03	0.13	98.417	0.030	0.133	0.00	0.20
1.27	0.01	0.26	0.04	0.16	98.378	0.039	0.165	0.00	0.26
1.28	0.01	0.32	0.05	0.20	98.340	0.049	0.196	0.00	0.32
1.29	0.01	0.38	0.06	0.23	98.301	0.059	0.227	0.00	0.38
1.30	0.01	0.44	0.07	0.26	98.263	0.069	0.257	0.00	0.44
1.31	0.01	0.50	0.08	0.29	98.224	0.079	0.287	0.00	0.50
1.32	0.01	0.71	0.09	0.33	98.185	0.089	0.334	0.00	0.71
1.33	0.01	1.06	0.10	0.41	98.146	0.098	0.407	0.00	1.06
1.34	0.01	1.42	0.11	0.50	98.107	0.108	0.499	0.00	1.42
1.35	0.01	1.77	0.12	0.60	98.068	0.118	0.604	0.00	1.77
1.36	0.01	2.13	0.13	0.72	98.028	0.128	0.721	0.00	2.13
1.37	0.01	2.47	0.14	0.85	97.865	0.138	0.846	0.00	2.47
1.38	0.01	2.82	0.15	0.98	97.564	0.147	0.977	0.00	2.82
1.39	0.01	3.16	0.16	1.11	97.136	0.157	1.112	0.00	3.16
1.40	0.01	3.50	0.17	1.26	96.617	0.167	1.250	0.00	3.50
1.41	2.49	3.79	2.66	3.63	96.045	2.558	3.625	0.17	3.79
1.42	3.24	4.08	5.90	3.88	95.457	5.651	3.874	0.26	4.08
1.43	3.79	4.36	9.69	4.07	94.890	9.247	4.063	0.34	4.36
1.44	4.14	4.64	13.83	4.24	94.432	13.157	4.234	0.41	4.64
1.45	4.28	4.92	18.11	4.40	93.767	17.170	4.395	0.47	4.92
1.46	4.22	6.18	22.33	4.74	92.905	21.091	4.727	0.53	6.18
1.47	3.95	7.43	26.28	5.14	91.744	24.714	5.123	0.58	7.43
1.48	3.49	8.67	29.77	5.55	90.182	27.862	5.524	0.61	8.67
1.49	2.82	9.90	32.59	5.93	88.010	30.344	5.882	0.60	9.90
1.50	1.94	11.12	34.53	6.22	85.762	32.007	6.154	0.49	11.12
1.51	1.42	12.32	35.95	6.46	83.296	33.190	6.374	0.42	12.32
1.52	1.38	13.52	37.33	6.72	80.652	34.303	6.605	0.47	13.52
1.53	1.33	14.70	38.66	7.00	77.874	35.339	6.843	0.52	14.70
1.54	1.27	15.88	39.93	7.28	75.000	36.292	7.080	0.56	15.88
1.55	1.20	17.04	41.13	7.57	72.093	37.157	7.312	0.59	17.04
1.56	1.11	17.71	42.24	7.83	69.186	37.925	7.522	0.61	17.71
1.57	1.02	18.37	43.26	8.08	66.279	38.601	7.712	0.61	18.37
1.58	0.91	19.03	44.17	8.31	63.372	39.177	7.879	0.59	19.03
1.59	0.79	19.68	44.96	8.51	60.465	39.655	8.021	0.55	19.68
1.60	0.65	20.33	45.61	8.67	57.558	40.029	8.136	0.49	20.33
1.61	0.59	21.03	46.20	8.83	54.651	40.352	8.239	0.47	21.03
1.62	0.60	21.73	46.80	9.00	51.744	40.662	8.342	0.51	21.73
1.63	0.60	22.42	47.40	9.17	48.837	40.955	8.443	0.54	22.42
1.64	0.59	23.10	47.99	9.34	47.093	41.233	8.542	0.55	23.10
1.65	0.58	23.78	48.57	9.51	44.186	41.489	8.636	0.57	23.78
1.66	0.56	24.78	49.13	9.69	41.279	41.720	8.725	0.58	24.78
1.67	0.54	25.78	49.67	9.86	38.372	41.928	8.810	0.59	25.78
1.68	0.51	26.77	50.18	10.03	35.465	42.108	8.887	0.58	26.77
1.69	0.47	27.75	50.65	10.20	32.558	42.261	8.955	0.56	27.75
1.70	0.43	28.73	51.08	10.35	29.651	42.389	9.014	0.54	28.73

1.71	0.40	29.18	51.48	10.50	26.744	42.496	9.065	0.52	29.18
1.72	0.40	29.63	51.88	10.65	23.837	42.591	9.111	0.54	29.63
1.73	0.40	30.08	52.28	10.79	22.181	42.680	9.155	0.55	30.08
1.74	0.40	30.52	52.68	10.94	19.547	42.758	9.194	0.57	30.52
1.75	0.39	30.96	53.07	11.09	17.115	42.825	9.228	0.57	30.96
1.76	0.38	33.13	53.45	11.25	14.901	42.882	9.259	0.57	33.13
1.77	0.37	35.29	53.82	11.41	12.922	42.929	9.288	0.57	35.29
1.78	0.36	37.43	54.18	11.59	11.192	42.970	9.315	0.57	37.43
1.79	0.35	39.56	54.53	11.77	8.732	43.000	9.336	0.57	39.56
1.80	0.34	41.68	54.87	11.95	7.679	43.026	9.356	0.56	41.68
1.81	0.33	43.54	55.20	12.14	6.821	43.049	9.374	0.54	43.54
1.82	0.33	45.40	55.53	12.34	6.140	43.069	9.391	0.55	45.40
1.83	0.33	47.24	55.86	12.54	5.618	43.088	9.407	0.55	47.24
1.84	0.32	49.08	56.18	12.75	5.237	43.104	9.423	0.54	49.08
1.85	0.31	50.90	56.49	12.96	4.979	43.120	9.437	0.52	50.90
1.86	0.29	50.96	56.78	13.16	4.785	43.134	9.451	0.49	50.96
1.87	0.28	51.01	57.06	13.34	4.567	43.146	9.463	0.47	51.01
1.88	0.26	51.07	57.32	13.51	4.348	43.158	9.474	0.44	51.07
1.89	0.23	51.12	57.55	13.66	4.129	43.167	9.483	0.39	51.12
1.90	0.20	51.18	57.75	13.79	3.912	43.175	9.491	0.34	51.18
1.91	0.19	51.51	57.94	13.92	3.698	43.182	9.498	0.32	51.51
1.92	0.18	51.84	58.12	14.03	3.490	43.188	9.504	0.31	51.84
1.93	0.17	52.17	58.29	14.15	3.289	43.194	9.509	0.29	52.17
1.94	0.17	52.49	58.46	14.26	3.096	43.199	9.514	0.29	52.49
1.95	0.16	52.82	58.62	14.36	2.913	43.204	9.519	0.27	52.82
1.96	0.15	53.14	58.77	14.46	2.741	43.208	9.523	0.26	53.14
1.97	0.15	53.47	58.92	14.56	2.582	43.212	9.527	0.26	53.47
1.98	0.15	53.79	59.07	14.66	2.439	43.216	9.531	0.26	53.79
1.99	0.14	54.11	59.21	14.75	2.311	43.219	9.534	0.24	54.11
2.00	0.14	54.42	59.35	14.85	2.202	43.222	9.538	0.24	54.42
2.01	0.14	54.94	59.49	14.94	2.112	43.225	9.541	0.24	54.94
2.02	0.14	55.45	59.63	15.04	2.043	43.228	9.544	0.24	55.45
2.03	0.13	55.96	59.76	15.13	1.996	43.230	9.546	0.23	55.96
2.04	0.13	56.47	59.89	15.21	1.963	43.233	9.549	0.23	56.47
2.05	0.13	56.98	60.02	15.31	1.926	43.235	9.552	0.23	56.98
2.06	0.13	57.48	60.15	15.40	1.889	43.238	9.555	0.23	57.48
2.07	0.14	57.98	60.29	15.50	1.852	43.240	9.558	0.24	57.98
2.08	0.14	58.48	60.43	15.59	1.814	43.243	9.560	0.24	58.48
2.09	0.14	58.98	60.57	15.70	1.777	43.245	9.563	0.24	58.98
2.10	0.14	59.47	60.71	15.80	1.739	43.248	9.566	0.24	59.47
2.11	0.14	59.87	60.85	15.90	1.702	43.250	9.569	0.24	59.87
2.12	0.13	60.27	60.98	15.99	1.665	43.252	9.571	0.23	60.27
2.13	0.12	60.66	61.10	16.08	1.627	43.254	9.574	0.21	60.66
2.14	0.11	61.05	61.21	16.16	1.590	43.256	9.576	0.19	61.05
2.15	0.11	61.44	61.32	16.24	1.553	43.258	9.578	0.19	61.44
2.16	0.10	61.83	61.42	16.32	1.516	43.259	9.580	0.17	61.83
2.17	0.10	62.22	61.52	16.39	1.480	43.261	9.582	0.17	62.22
2.18	0.09	62.60	61.61	16.46	1.443	43.262	9.583	0.16	62.60
2.19	0.09	62.99	61.70	16.53	1.407	43.263	9.585	0.16	62.99
2.20	0.09	63.37	61.79	16.59	1.372	43.265	9.586	0.16	63.37
2.21	0.09	64.30	61.88	16.66	1.336	43.266	9.588	0.16	64.30
2.22	0.09	65.24	61.97	16.73	1.301	43.267	9.589	0.16	65.24
2.23	0.09	66.17	62.06	16.81	1.267	43.268	9.591	0.16	66.17
2.24	0.10	67.09	62.16	16.89	1.233	43.269	9.592	0.17	67.09
2.25	0.10	68.01	62.26	16.97	1.199	43.271	9.594	0.17	68.01
2.26	0.11	68.93	62.37	17.06	1.166	43.272	9.596	0.19	68.93
2.27	0.11	69.84	62.48	17.15	1.133	43.273	9.598	0.19	69.84
2.28	0.12	70.75	62.60	17.26	1.101	43.274	9.599	0.21	70.75
2.29	0.13	71.65	62.73	17.37	1.070	43.276	9.601	0.23	71.66
2.30	0.14	72.55	62.87	17.49	1.039	43.277	9.604	0.25	72.55

2.31	1.31	73.32	64.18	18.63	1.009	43.290	9.623	2.29	73.32
2.32	1.31	74.08	65.49	19.74	0.970	43.303	9.642	2.30	74.08
2.33	1.30	74.84	66.79	20.81	0.941	43.315	9.660	2.28	74.84
2.34	1.30	75.60	68.09	21.86	0.911	43.327	9.678	2.28	75.60
2.35	1.29	76.35	69.38	22.87	0.881	43.339	9.696	2.26	76.35
2.36	1.28	77.10	70.66	23.85	0.851	43.350	9.713	2.25	77.10
2.37	1.28	77.85	71.94	24.82	0.821	43.360	9.729	2.25	77.85
2.38	1.27	78.59	73.21	25.75	0.791	43.370	9.745	2.23	78.59
2.39	1.27	79.33	74.48	26.66	0.760	43.380	9.761	2.23	79.33
2.40	1.26	80.07	75.74	27.55	0.730	43.389	9.776	2.21	80.07
2.41	1.26	80.80	77.00	28.42	0.700	43.398	9.790	2.21	80.80
2.42	1.25	81.54	78.25	29.27	0.670	43.406	9.804	2.20	81.54
2.43	1.25	82.26	79.50	30.10	0.639	43.414	9.817	2.20	82.26
2.44	1.24	82.99	80.74	30.92	0.609	43.422	9.830	2.18	82.99
2.45	1.24	83.71	81.98	31.71	0.579	43.429	9.842	2.18	83.71
2.46	1.23	84.55	83.21	32.49	0.549	43.436	9.854	2.16	84.55
2.47	1.23	85.39	84.44	33.27	0.519	43.442	9.865	2.17	85.39
2.48	1.22	86.23	85.66	34.02	0.489	43.448	9.875	2.15	86.23
2.49	1.22	87.06	86.88	34.76	0.459	43.454	9.885	2.15	87.06
2.50	1.21	87.89	88.09	35.49	0.429	43.459	9.895	2.13	87.89
2.51	1.21	88.71	89.30	36.22	0.399	43.464	9.904	2.13	88.71
2.52	1.20	89.54	90.50	36.92	0.370	43.468	9.912	2.12	89.54
2.53	1.20	90.36	91.70	37.62	0.341	43.472	9.919	2.12	90.36
2.54	1.19	91.17	92.89	38.31	0.311	43.476	9.926	2.10	91.17
2.55	1.19	91.98	94.08	38.99	0.282	43.479	9.933	2.10	91.98
2.56	1.18	92.79	95.26	39.65	0.254	43.482	9.938	2.08	92.79
2.57	1.18	93.60	96.44	40.31	0.225	43.485	9.943	2.08	93.60
2.58	1.17	94.40	97.61	40.96	0.197	43.487	9.948	2.07	94.40
2.59	1.17	95.20	98.78	41.60	0.168	43.489	9.952	2.07	95.20
2.60	1.17	96.00	99.95	42.24	0.140	43.491	9.955	2.07	96.00

		CLEAN COAL ASH %	9.95	REFUSE ASH %	67.09
HEAD ASH %	42.24	CLEAN COAL YIELD%	43.49	REFUSE YIELD%	56.51
THEO. YIELD	49.95	ECART PROB. MOYEN	0.0856		
SG OF SEPARATION	1.676	IMPERFECTION	0.053		
NEAR GRAVITY MAT	10.256				
ORGANIC EFFCY.	87.07				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 32 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 7.62 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.531	0.0	0.010	0.0	0.01
1.24	0.45	0.15	0.45	0.15	98.493	0.443	0.150	0.02	0.15
1.25	0.44	0.29	0.89	0.22	98.455	0.876	0.219	0.02	0.29
1.26	0.44	0.42	1.33	0.29	98.417	1.309	0.286	0.02	0.42
1.27	0.44	0.56	1.77	0.35	98.378	1.742	0.354	0.02	0.56
1.28	0.43	0.70	2.20	0.42	98.340	2.165	0.421	0.02	0.70
1.29	0.43	0.83	2.63	0.49	98.301	2.588	0.488	0.02	0.83
1.30	0.43	0.96	3.06	0.55	98.263	3.010	0.554	0.02	0.96
1.31	0.42	1.09	3.48	0.62	98.224	3.423	0.619	0.02	1.09
1.32	0.42	1.38	3.90	0.70	98.185	3.835	0.701	0.02	1.38
1.33	0.42	1.83	4.32	0.81	98.146	4.248	0.810	0.02	1.83
1.34	0.41	2.27	4.73	0.94	98.107	4.650	0.937	0.02	2.27
1.35	0.41	2.70	5.14	1.08	98.068	5.052	1.077	0.02	2.70
1.36	0.41	3.14	5.55	1.23	98.028	5.454	1.229	0.02	3.14
1.37	0.40	3.57	5.95	1.39	97.865	5.845	1.386	0.02	3.57
1.38	0.40	3.99	6.35	1.55	97.564	6.235	1.549	0.03	3.99
1.39	0.40	4.42	6.75	1.72	97.136	6.624	1.717	0.03	4.42
1.40	0.40	4.84	7.15	1.90	96.617	7.010	1.889	0.04	4.84
1.41	3.33	5.07	10.48	2.90	96.045	10.209	2.886	0.36	5.07
1.42	4.18	5.30	14.66	3.59	95.457	14.199	3.564	0.52	5.30
1.43	4.80	5.52	19.46	4.06	94.890	18.754	4.039	0.68	5.52
1.44	5.20	5.75	24.66	4.42	94.432	23.664	4.394	0.80	5.75
1.45	5.38	5.97	30.04	4.70	93.767	28.709	4.671	0.93	5.97
1.46	5.34	7.24	35.38	5.08	92.905	33.670	5.050	1.05	7.24
1.47	5.07	8.50	40.45	5.51	91.744	38.321	5.468	1.16	8.50
1.48	4.58	9.74	45.03	5.94	90.182	42.452	5.884	1.24	9.74
1.49	3.87	10.98	48.90	6.34	88.010	45.858	6.263	1.28	10.98
1.50	2.93	12.22	51.83	6.67	85.762	48.370	6.572	1.15	12.22
1.51	2.37	13.51	54.20	6.97	83.296	50.345	6.844	1.09	13.51
1.52	2.32	14.79	56.52	7.29	80.652	52.216	7.129	1.24	14.79
1.53	2.23	16.06	58.75	7.62	77.874	53.952	7.416	1.36	16.06
1.54	2.11	17.33	60.86	7.96	75.000	55.535	7.699	1.46	17.33
1.55	1.96	18.58	62.82	8.29	72.093	56.948	7.969	1.51	18.58
1.56	1.77	18.88	64.59	8.58	69.186	58.172	8.198	1.51	18.88
1.57	1.55	19.18	66.14	8.83	66.279	59.200	8.389	1.44	19.18
1.58	1.30	19.47	67.44	9.04	63.372	60.023	8.541	1.32	19.47
1.59	1.02	19.76	68.46	9.20	60.465	60.640	8.655	1.11	19.76
1.60	0.71	20.05	69.17	9.31	57.558	61.049	8.732	0.83	20.05
1.61	0.54	20.57	69.71	9.39	54.651	61.344	8.788	0.68	20.57
1.62	0.53	21.08	70.24	9.48	51.744	61.618	8.843	0.71	21.08
1.63	0.52	21.59	70.76	9.57	48.837	61.872	8.896	0.74	21.59
1.64	0.51	22.10	71.27	9.66	47.093	62.112	8.947	0.75	22.10
1.65	0.49	22.61	71.76	9.75	44.186	62.329	8.994	0.76	22.61
1.66	0.47	23.44	72.23	9.84	41.279	62.523	9.039	0.76	23.44
1.67	0.44	24.27	72.67	9.93	38.372	62.692	9.080	0.75	24.27
1.68	0.40	25.09	73.07	10.01	35.465	62.834	9.116	0.71	25.09
1.69	0.36	25.91	73.43	10.09	32.558	62.951	9.147	0.67	25.91
1.70	0.32	26.72	73.75	10.16	29.651	63.046	9.174	0.62	26.72

1.71	0.30	27.44	74.05	10.23	26.744	63.126	9.197	0.61	27.44
1.72	0.30	28.15	74.35	10.30	23.837	63.197	9.218	0.63	28.15
1.73	0.30	28.86	74.65	10.38	22.181	63.264	9.239	0.65	28.86
1.74	0.29	29.57	74.94	10.45	19.647	63.321	9.257	0.64	29.57
1.75	0.29	30.27	75.23	10.53	17.115	63.370	9.274	0.66	30.27
1.76	0.28	30.97	75.51	10.60	14.901	63.412	9.288	0.66	30.97
1.77	0.27	31.67	75.78	10.68	12.922	63.447	9.300	0.65	31.67
1.78	0.26	32.37	76.04	10.75	11.192	63.476	9.311	0.64	32.37
1.79	0.24	33.07	76.28	10.82	8.732	63.497	9.319	0.61	33.07
1.80	0.22	33.75	76.50	10.89	7.679	63.514	9.325	0.56	33.75
1.81	0.20	34.13	76.70	10.95	6.821	63.528	9.331	0.52	34.13
1.82	0.19	34.51	76.89	11.01	6.140	63.539	9.335	0.49	34.51
1.83	0.17	34.88	77.06	11.06	5.618	63.549	9.339	0.44	34.88
1.84	0.16	35.25	77.22	11.11	5.237	63.557	9.342	0.42	35.25
1.85	0.14	35.62	77.36	11.15	4.979	63.564	9.345	0.37	35.62
1.86	0.13	35.98	77.49	11.20	4.785	63.570	9.348	0.34	35.98
1.87	0.12	36.35	77.61	11.23	4.567	63.576	9.350	0.32	36.35
1.88	0.11	36.71	77.72	11.27	4.348	63.581	9.352	0.29	36.71
1.89	0.10	37.07	77.82	11.30	4.129	63.585	9.354	0.26	37.07
1.90	0.10	37.43	77.92	11.34	3.912	63.589	9.356	0.27	37.43
1.91	0.09	37.79	78.01	11.37	3.698	63.592	9.357	0.24	37.79
1.92	0.09	38.14	78.10	11.40	3.490	63.595	9.359	0.24	38.14
1.93	0.08	38.49	78.18	11.43	3.289	63.598	9.360	0.21	38.49
1.94	0.08	38.84	78.26	11.45	3.096	63.600	9.361	0.21	38.84
1.95	0.08	39.19	78.34	11.48	2.913	63.603	9.362	0.21	39.19
1.96	0.08	40.39	78.42	11.51	2.741	63.605	9.363	0.22	40.39
1.97	0.08	41.58	78.50	11.54	2.582	63.607	9.364	0.22	41.58
1.98	0.08	42.76	78.58	11.57	2.439	63.609	9.365	0.22	42.76
1.99	0.09	43.94	78.67	11.61	2.311	63.611	9.367	0.24	43.94
2.00	0.09	45.11	78.76	11.65	2.202	63.613	9.368	0.24	45.11
2.01	0.10	46.28	78.86	11.69	2.112	63.615	9.369	0.27	46.28
2.02	0.11	47.44	78.97	11.74	2.043	63.617	9.370	0.30	47.44
2.03	0.12	48.60	79.09	11.80	1.996	63.620	9.372	0.33	48.60
2.04	0.13	49.74	79.22	11.86	1.963	63.622	9.373	0.35	49.74
2.05	0.14	50.89	79.36	11.93	1.926	63.625	9.375	0.38	50.89
2.06	0.15	52.03	79.51	12.01	1.889	63.628	9.377	0.41	52.03
2.07	0.16	53.16	79.67	12.09	1.852	63.631	9.379	0.43	53.16
2.08	0.18	54.28	79.85	12.18	1.814	63.634	9.381	0.49	54.28
2.09	0.19	55.41	80.04	12.29	1.777	63.637	9.384	0.52	55.41
2.10	0.21	56.52	80.25	12.40	1.739	63.641	9.387	0.57	56.52
2.11	0.44	57.74	80.69	12.65	1.702	63.648	9.392	1.20	57.74
2.12	0.44	58.95	81.13	12.90	1.665	63.656	9.398	1.20	58.95
2.13	0.44	60.16	81.57	13.16	1.627	63.663	9.404	1.20	60.16
2.14	0.43	61.36	82.00	13.41	1.590	63.670	9.409	1.17	61.36
2.15	0.43	62.55	82.43	13.66	1.553	63.676	9.415	1.17	62.55
2.16	0.43	63.74	82.86	13.92	1.516	63.683	9.420	1.17	63.74
2.17	0.43	64.92	83.29	14.19	1.480	63.689	9.426	1.17	64.92
2.18	0.43	66.10	83.72	14.45	1.443	63.695	9.431	1.17	66.10
2.19	0.42	67.27	84.14	14.72	1.407	63.701	9.437	1.14	67.27
2.20	0.42	68.44	84.56	14.98	1.372	63.707	9.442	1.14	68.44
2.21	0.42	69.60	84.98	15.25	1.336	63.713	9.447	1.15	69.60
2.22	0.42	70.76	85.40	15.53	1.301	63.718	9.453	1.15	70.76
2.23	0.42	71.91	85.82	15.80	1.267	63.724	9.458	1.15	71.91
2.24	0.41	73.05	86.23	16.08	1.233	63.729	9.463	1.12	73.05
2.25	0.41	74.19	86.64	16.35	1.199	63.733	9.468	1.12	74.19
2.26	0.41	75.33	87.05	16.63	1.166	63.738	9.473	1.12	75.33
2.27	0.41	76.46	87.46	16.91	1.133	63.743	9.478	1.12	76.46
2.28	0.41	77.59	87.87	17.19	1.101	63.747	9.483	1.12	77.59
2.29	0.40	78.71	88.27	17.47	1.070	63.752	9.487	1.09	78.71
2.30	0.40	79.82	88.67	17.75	1.039	63.756	9.492	1.09	79.82

2.31	0.40	80.93	89.07	18.04	1.009	63.760	9.496	1.09	80.93
2.32	0.40	82.04	89.47	18.32	0.970	63.764	9.501	1.09	82.04
2.33	0.40	83.14	89.87	18.61	0.941	63.768	9.505	1.10	83.14
2.34	0.40	84.24	90.27	18.90	0.911	63.771	9.509	1.10	84.24
2.35	0.39	85.33	90.66	19.19	0.881	63.775	9.513	1.07	85.33
2.36	0.39	85.78	91.05	19.47	0.851	63.778	9.517	1.07	85.78
2.37	0.39	86.23	91.44	19.76	0.821	63.781	9.521	1.07	86.23
2.38	0.39	86.67	91.83	20.04	0.791	63.784	9.525	1.07	86.67
2.39	0.39	87.11	92.22	20.32	0.760	63.787	9.529	1.07	87.11
2.40	0.39	87.55	92.61	20.61	0.730	63.790	9.532	1.07	87.55
2.41	0.38	87.99	92.99	20.88	0.700	63.793	9.535	1.04	87.99
2.42	0.38	88.43	93.37	21.16	0.670	63.795	9.539	1.04	88.43
2.43	0.38	88.86	93.75	21.43	0.639	63.798	9.542	1.04	88.86
2.44	0.38	89.30	94.13	21.71	0.609	63.800	9.544	1.04	89.30
2.45	0.38	89.73	94.51	21.98	0.579	63.802	9.547	1.04	89.73
2.46	0.38	90.16	94.89	22.25	0.549	63.804	9.550	1.04	90.16
2.47	0.38	90.59	95.27	22.53	0.519	63.806	9.552	1.04	90.59
2.48	0.37	91.01	95.64	22.79	0.489	63.808	9.555	1.02	91.01
2.49	0.37	91.44	96.01	23.06	0.459	63.810	9.557	1.02	91.44
2.50	0.37	91.86	96.38	23.32	0.429	63.811	9.559	1.02	91.86
2.51	0.37	92.28	96.75	23.58	0.399	63.813	9.561	1.02	92.28
2.52	0.37	92.70	97.12	23.85	0.370	63.814	9.563	1.02	92.70
2.53	0.37	93.12	97.49	24.11	0.341	63.815	9.564	1.02	93.12
2.54	0.36	93.54	97.85	24.36	0.311	63.817	9.566	0.99	93.54
2.55	0.36	93.95	98.21	24.62	0.282	63.818	9.567	0.99	93.95
2.56	0.36	94.36	98.57	24.87	0.254	63.819	9.568	0.99	94.36
2.57	0.36	94.78	98.93	25.13	0.225	63.819	9.569	0.99	94.78
2.58	0.36	95.19	99.29	25.38	0.197	63.820	9.570	0.99	95.19
2.59	0.36	95.59	99.65	25.64	0.168	63.821	9.571	0.99	95.59
2.60	0.36	96.00	100.01	25.89	0.140	63.821	9.572	0.99	96.00

		CLEAN COAL ASH %	9.57	REFUSE ASH %	54.68
HEAD ASH %	25.89	CLEAN COAL YIELD%	63.82	REFUSE YIELD%	36.18
THEO. YIELD	70.76	ECART PROB. MOYEN	0.0856		
SG OF SEPARATION	1.630	IMPERFECTION	0.053		
NEAR GRAVITY MAT	15.885				
ORGANIC EFFCY.	90.19				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR:DDH82005 SID: 34 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.85 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	98.531	0.0	0.010	0.0	0.01
1.24	0.37	0.09	0.37	0.09	98.493	0.364	0.090	0.01	0.09
1.25	0.37	0.17	0.74	0.13	98.455	0.729	0.130	0.02	0.17
1.26	0.36	0.25	1.10	0.17	98.417	1.083	0.169	0.02	0.25
1.27	0.36	0.32	1.46	0.21	98.378	1.437	0.206	0.02	0.32
1.28	0.36	0.40	1.82	0.24	98.340	1.791	0.245	0.02	0.40
1.29	0.36	0.48	2.18	0.28	98.301	2.145	0.283	0.02	0.48
1.30	0.35	0.55	2.53	0.32	98.263	2.489	0.320	0.02	0.55
1.31	0.35	0.63	2.88	0.36	98.224	2.833	0.358	0.02	0.63
1.32	0.35	0.96	3.23	0.42	98.185	3.176	0.423	0.02	0.96
1.33	0.35	1.55	3.58	0.53	98.146	3.520	0.533	0.02	1.55
1.34	0.34	2.14	3.92	0.67	98.107	3.854	0.672	0.02	2.14
1.35	0.34	2.72	4.26	0.84	98.068	4.187	0.835	0.02	2.72
1.36	0.34	3.30	4.60	1.02	98.028	4.520	1.017	0.02	3.30
1.37	0.34	3.87	4.94	1.21	97.865	4.853	1.213	0.02	3.87
1.38	0.33	4.44	5.27	1.42	97.564	5.175	1.413	0.02	4.44
1.39	0.33	5.00	5.60	1.63	97.136	5.495	1.623	0.03	5.00
1.40	0.33	5.56	5.93	1.85	96.617	5.814	1.838	0.03	5.56
1.41	3.15	5.99	9.08	3.28	96.045	8.840	3.259	0.33	5.99
1.42	3.97	6.42	13.05	4.24	95.457	12.629	4.208	0.48	6.42
1.43	4.57	6.85	17.62	4.92	94.890	16.966	4.883	0.63	6.85
1.44	4.94	7.27	22.56	5.43	94.432	21.631	5.398	0.74	7.27
1.45	5.10	7.69	27.66	5.85	93.767	26.413	5.813	0.85	7.69
1.46	5.03	8.32	32.69	6.23	92.905	31.086	6.190	0.96	8.32
1.47	4.74	8.94	37.43	6.57	91.744	35.435	6.527	1.05	8.94
1.48	4.23	9.57	41.66	6.88	90.182	39.249	6.823	1.11	9.57
1.49	3.49	10.18	45.15	7.13	88.010	42.321	7.067	1.12	10.18
1.50	2.53	10.80	47.68	7.33	85.762	44.491	7.249	0.97	10.80
1.51	1.96	11.34	49.64	7.48	83.296	46.123	7.394	0.88	11.34
1.52	1.92	11.88	51.56	7.65	80.652	47.672	7.539	1.00	11.88
1.53	1.86	12.41	53.42	7.81	77.874	49.120	7.683	1.10	12.41
1.54	1.81	12.94	55.23	7.98	75.000	50.478	7.824	1.21	12.94
1.55	1.74	13.47	56.97	8.15	72.093	51.732	7.961	1.30	13.47
1.56	1.66	14.09	58.63	8.32	69.186	52.881	8.094	1.37	14.09
1.57	1.58	14.71	60.21	8.49	66.279	53.928	8.223	1.43	14.71
1.58	1.49	15.32	61.70	8.65	63.372	54.872	8.345	1.46	15.32
1.59	1.39	15.92	63.09	8.81	60.465	55.713	8.459	1.47	15.92
1.60	1.28	16.53	64.37	8.96	57.558	56.449	8.565	1.46	16.53
1.61	1.24	17.13	65.61	9.12	54.651	57.127	8.666	1.51	17.13
1.62	1.26	17.73	66.87	9.28	51.744	57.779	8.768	1.63	17.73
1.63	1.26	18.32	68.13	9.45	48.837	58.394	8.869	1.73	18.32
1.64	1.24	18.91	69.37	9.62	47.093	58.978	8.968	1.76	18.91
1.65	1.21	19.50	70.58	9.79	44.186	59.513	9.063	1.81	19.50
1.66	1.17	20.50	71.75	9.96	41.279	59.996	9.155	1.84	20.50
1.67	1.11	21.48	72.86	10.14	38.372	60.422	9.242	1.84	21.48
1.68	1.03	22.47	73.89	10.31	35.465	60.787	9.322	1.78	22.47
1.69	0.94	23.45	74.83	10.47	32.558	61.093	9.392	1.70	23.45
1.70	0.83	24.42	75.66	10.63	29.651	61.339	9.453	1.57	24.42

1.71	0.76	25.33	76.42	10.77	26.744	61.543	9.505	1.49	25.33
1.72	0.73	26.24	77.15	10.92	23.837	61.717	9.552	1.49	26.24
1.73	0.70	27.15	77.85	11.07	22.181	61.872	9.596	1.46	27.15
1.74	0.66	28.05	78.51	11.21	19.547	62.001	9.635	1.43	28.05
1.75	0.62	28.95	79.13	11.35	17.116	62.107	9.668	1.38	28.95
1.76	0.58	29.83	79.71	11.48	14.901	62.193	9.696	1.32	29.83
1.77	0.54	30.70	80.25	11.61	12.922	62.263	9.719	1.26	30.70
1.78	0.49	31.57	80.74	11.73	11.192	62.318	9.739	1.17	31.57
1.79	0.43	32.44	81.17	11.84	8.732	62.355	9.752	1.05	32.44
1.80	0.38	33.30	81.55	11.94	7.679	62.385	9.763	0.94	33.30
1.81	0.35	34.09	81.90	12.04	6.821	62.409	9.773	0.88	34.09
1.82	0.35	34.88	82.25	12.13	6.140	62.430	9.781	0.86	34.88
1.83	0.34	35.67	82.59	12.23	5.618	62.449	9.789	0.86	35.67
1.84	0.34	36.45	82.93	12.33	5.237	62.467	9.797	0.86	36.45
1.85	0.33	37.23	83.26	12.43	4.979	62.483	9.804	0.84	37.23
1.86	0.32	38.28	83.58	12.53	4.785	62.499	9.811	0.82	38.28
1.87	0.31	39.33	83.89	12.63	4.567	62.513	9.818	0.79	39.33
1.88	0.29	40.37	84.18	12.72	4.348	62.525	9.824	0.74	40.37
1.89	0.28	41.41	84.46	12.82	4.129	62.537	9.830	0.72	41.41
1.90	0.26	42.44	84.72	12.91	3.912	62.547	9.835	0.67	42.44
1.91	0.25	43.39	84.97	13.00	3.698	62.556	9.840	0.65	43.39
1.92	0.25	44.32	85.22	13.09	3.490	62.565	9.845	0.65	44.32
1.93	0.25	45.24	85.47	13.18	3.289	62.573	9.849	0.65	45.24
1.94	0.25	46.13	85.72	13.28	3.096	62.581	9.854	0.65	46.13
1.95	0.25	46.98	85.97	13.38	2.913	62.588	9.858	0.65	46.98
1.96	0.24	47.73	86.21	13.47	2.741	62.595	9.862	0.63	47.73
1.97	0.24	48.34	86.45	13.57	2.582	62.601	9.866	0.63	48.34
1.98	0.24	48.84	86.69	13.67	2.439	62.607	9.870	0.63	48.84
1.99	0.24	49.25	86.93	13.77	2.311	62.613	9.873	0.63	49.25
2.00	0.24	49.61	87.17	13.86	2.202	62.618	9.877	0.63	49.61
2.01	0.24	49.83	87.41	13.96	2.112	62.623	9.880	0.63	49.83
2.02	0.24	50.05	87.65	14.06	2.043	62.628	9.883	0.63	50.05
2.03	0.24	50.27	87.89	14.16	1.996	62.633	9.886	0.63	50.27
2.04	0.24	50.49	88.13	14.26	1.963	62.637	9.889	0.63	50.49
2.05	0.24	50.71	88.37	14.36	1.926	62.642	9.892	0.63	50.71
2.06	0.23	51.49	88.60	14.46	1.889	62.646	9.895	0.61	51.49
2.07	0.23	52.26	88.83	14.55	1.852	62.651	9.898	0.61	52.26
2.08	0.23	53.03	89.06	14.65	1.814	62.655	9.901	0.61	53.03
2.09	0.23	53.80	89.29	14.75	1.777	62.659	9.904	0.61	53.80
2.10	0.23	54.56	89.52	14.86	1.739	62.663	9.906	0.61	54.56
2.11	0.21	55.24	89.73	14.95	1.702	62.666	9.909	0.55	55.24
2.12	0.18	55.92	89.91	15.03	1.665	62.669	9.911	0.48	55.92
2.13	0.15	56.59	90.06	15.10	1.627	62.672	9.913	0.40	56.59
2.14	0.12	57.26	90.18	15.16	1.590	62.674	9.915	0.32	57.26
2.15	0.10	57.92	90.28	15.20	1.553	62.675	9.916	0.26	57.92
2.16	0.08	58.59	90.36	15.24	1.516	62.677	9.917	0.21	58.59
2.17	0.06	59.25	90.42	15.27	1.480	62.677	9.917	0.16	59.25
2.18	0.05	59.90	90.47	15.30	1.443	62.678	9.918	0.13	59.90
2.19	0.04	60.56	90.51	15.32	1.407	62.679	9.918	0.11	60.56
2.20	0.03	61.21	90.54	15.33	1.372	62.679	9.919	0.08	61.21
2.21	0.03	61.79	90.57	15.35	1.336	62.679	9.919	0.08	61.79
2.22	0.03	62.37	90.60	15.36	1.301	62.680	9.919	0.08	62.37
2.23	0.04	62.95	90.64	15.38	1.267	62.680	9.920	0.11	62.95
2.24	0.04	63.52	90.68	15.41	1.233	62.681	9.920	0.11	63.52
2.25	0.05	64.09	90.73	15.43	1.199	62.681	9.921	0.13	64.09
2.26	0.07	64.66	90.80	15.47	1.166	62.682	9.921	0.19	64.66
2.27	0.09	65.23	90.89	15.52	1.133	62.683	9.922	0.24	65.23
2.28	0.11	65.79	91.00	15.58	1.101	62.685	9.923	0.29	65.79
2.29	0.13	66.36	91.13	15.65	1.070	62.686	9.925	0.35	66.36
2.30	0.16	66.92	91.29	15.74	1.039	62.688	9.926	0.42	66.92

2.31	0.31	67.29	91.60	15.92	1.009	62.691	9.929	0.82	67.29
2.32	0.31	67.67	91.91	16.09	0.970	62.694	9.932	0.82	67.67
2.33	0.31	68.04	92.22	16.27	0.941	62.697	9.935	0.82	68.04
2.34	0.31	68.41	92.53	16.44	0.911	62.699	9.937	0.82	68.41
2.35	0.30	68.78	92.83	16.61	0.881	62.702	9.940	0.80	68.78
2.36	0.30	69.15	93.13	16.78	0.851	62.705	9.942	0.80	69.15
2.37	0.30	69.52	93.43	16.95	0.821	62.707	9.944	0.80	69.52
2.38	0.30	69.89	93.73	17.12	0.791	62.709	9.947	0.80	69.89
2.39	0.30	70.25	94.03	17.29	0.760	62.712	9.949	0.80	70.25
2.40	0.30	70.61	94.33	17.46	0.730	62.714	9.951	0.80	70.61
2.41	0.30	70.98	94.63	17.63	0.700	62.716	9.953	0.80	70.98
2.42	0.30	71.34	94.93	17.80	0.670	62.718	9.955	0.80	71.34
2.43	0.29	71.69	95.22	17.96	0.639	62.720	9.957	0.77	71.69
2.44	0.29	72.05	95.51	18.13	0.609	62.722	9.959	0.77	72.05
2.45	0.29	72.41	95.80	18.29	0.579	62.723	9.960	0.77	72.41
2.46	0.29	74.02	96.09	18.46	0.549	62.725	9.962	0.77	74.02
2.47	0.29	75.63	96.38	18.63	0.519	62.726	9.964	0.77	75.63
2.48	0.29	77.24	96.67	18.81	0.489	62.728	9.965	0.77	77.24
2.49	0.29	78.84	96.96	18.99	0.459	62.729	9.966	0.77	78.84
2.50	0.29	80.43	97.25	19.17	0.429	62.730	9.968	0.77	80.43
2.51	0.28	82.01	97.53	19.35	0.399	62.732	9.969	0.75	82.01
2.52	0.28	83.59	97.81	19.53	0.370	62.733	9.970	0.75	83.59
2.53	0.28	85.16	98.09	19.72	0.341	62.734	9.972	0.75	85.16
2.54	0.28	86.73	98.37	19.91	0.311	62.734	9.973	0.75	86.73
2.55	0.28	88.29	98.65	20.10	0.282	62.735	9.974	0.75	88.29
2.56	0.28	89.84	98.93	20.30	0.254	62.736	9.975	0.75	89.84
2.57	0.28	91.39	99.21	20.50	0.225	62.737	9.975	0.75	91.39
2.58	0.28	92.93	99.49	20.71	0.197	62.737	9.976	0.75	92.93
2.59	0.28	94.47	99.77	20.91	0.168	62.738	9.977	0.75	94.47
2.60	0.27	96.00	100.04	21.12	0.140	62.738	9.977	0.72	96.00

		CLEAN COAL ASH %	9.98	REFUSE ASH %	39.87
HEAD ASH %	21.12	CLEAN COAL YIELD%	62.74	REFUSE YIELD%	37.26
THEO. YIELD	71.85	ECART PROB. MOYEN	0.0856		
SG OF SEPARATION	1.661	IMPERFECTION	0.053		
NEAR GRAVITY MAT	20.985				
ORGANIC EFFCY.	87.32				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 38 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

---------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.20 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.531	0.0	0.010	0.0	0.01
1.24	0.42	0.48	0.42	0.48	98.493	0.414	0.480	0.02	0.48
1.25	0.42	0.94	0.84	0.71	98.455	0.827	0.710	0.02	0.94
1.26	0.41	1.39	1.25	0.93	98.417	1.231	0.933	0.02	1.39
1.27	0.41	1.85	1.66	1.16	98.378	1.634	1.159	0.02	1.85
1.28	0.41	2.30	2.07	1.39	98.340	2.037	1.385	0.02	2.30
1.29	0.40	2.75	2.47	1.61	98.301	2.430	1.606	0.02	2.75
1.30	0.40	3.19	2.87	1.83	98.263	2.823	1.826	0.02	3.19
1.31	0.40	3.63	3.27	2.05	98.224	3.216	2.047	0.02	3.63
1.32	0.40	3.92	3.67	2.25	98.185	3.609	2.251	0.02	3.92
1.33	0.39	4.08	4.06	2.43	98.146	3.992	2.426	0.02	4.08
1.34	0.39	4.23	4.45	2.59	98.107	4.375	2.584	0.02	4.23
1.35	0.39	4.38	4.84	2.73	98.068	4.757	2.728	0.02	4.38
1.36	0.38	4.53	5.22	2.86	98.028	5.129	2.859	0.02	4.53
1.37	0.38	4.68	5.60	2.98	97.865	5.501	2.982	0.02	4.68
1.38	0.38	4.83	5.98	3.10	97.564	5.872	3.099	0.03	4.83
1.39	0.38	4.97	6.36	3.21	97.136	6.241	3.209	0.03	4.97
1.40	0.37	5.12	6.73	3.32	96.617	6.599	3.313	0.04	5.12
1.41	3.09	5.23	9.82	3.92	96.045	9.566	3.908	0.35	5.23
1.42	3.51	5.33	13.33	4.29	95.457	12.917	4.277	0.46	5.33
1.43	3.83	5.44	17.16	4.55	94.890	16.551	4.532	0.56	5.44
1.44	4.04	5.55	21.20	4.74	94.432	20.366	4.723	0.64	5.55
1.45	4.15	5.65	25.35	4.89	93.767	24.258	4.871	0.74	5.65
1.46	4.15	6.32	29.50	5.09	92.905	28.113	5.070	0.84	6.32
1.47	4.06	6.98	33.56	5.32	91.744	31.838	5.294	0.96	6.98
1.48	3.85	7.64	37.41	5.56	90.182	35.310	5.524	1.08	7.64
1.49	3.55	8.29	40.96	5.79	88.010	38.434	5.749	1.22	8.29
1.50	3.14	8.94	44.10	6.02	85.762	41.127	5.958	1.28	8.94
1.51	2.93	9.56	47.03	6.24	83.296	43.568	6.160	1.40	9.56
1.52	2.96	10.17	49.99	6.47	80.652	45.995	6.368	1.64	10.17
1.53	2.94	10.78	52.93	6.71	77.874	48.245	6.578	1.86	10.78
1.54	2.88	11.38	55.81	6.95	75.000	50.405	6.783	2.06	11.38
1.55	2.77	11.98	58.58	7.19	72.093	52.402	6.981	2.21	11.98
1.56	2.62	12.73	61.20	7.43	69.186	54.214	7.174	2.31	12.73
1.57	2.43	13.48	63.63	7.66	66.279	55.825	7.356	2.35	13.48
1.58	2.19	14.23	65.82	7.88	63.372	57.213	7.522	2.30	14.23
1.59	1.91	14.97	67.73	8.08	60.465	58.368	7.670	2.16	14.97
1.60	1.58	15.70	69.31	8.25	57.558	59.277	7.793	1.92	15.70
1.61	1.36	16.46	70.67	8.41	54.651	60.020	7.900	1.77	16.46
1.62	1.28	17.21	71.95	8.56	51.744	60.683	8.002	1.77	17.21
1.63	1.20	17.95	73.15	8.72	48.837	61.269	8.097	1.76	17.95
1.64	1.12	18.70	74.27	8.87	47.093	61.796	8.187	1.70	18.70
1.65	1.04	19.43	75.31	9.02	44.186	62.256	8.270	1.66	19.43
1.66	0.97	20.20	76.28	9.16	41.279	62.656	8.347	1.63	20.20
1.67	0.89	20.96	77.17	9.29	38.372	62.998	8.415	1.57	20.96
1.68	0.82	21.71	77.99	9.42	35.465	63.288	8.476	1.52	21.71
1.69	0.75	22.46	78.74	9.55	32.558	63.533	8.530	1.45	22.46
1.70	0.68	23.21	79.42	9.67	29.651	63.734	8.576	1.37	23.21

1.71	0.65	23.81	80.07	9.78	26.744	63.908	8.618	1.36	23.81
1.72	0.65	24.41	80.72	9.90	23.837	64.063	8.656	1.42	24.41
1.73	0.65	25.01	81.37	10.02	22.181	64.207	8.693	1.45	25.01
1.74	0.64	25.60	82.01	10.14	19.547	64.332	8.726	1.47	25.60
1.75	0.62	26.19	82.63	10.26	17.115	64.438	8.754	1.47	26.19
1.76	0.60	27.53	83.23	10.39	14.901	64.528	8.780	1.46	27.53
1.77	0.57	28.86	83.80	10.51	12.922	64.601	8.803	1.42	28.86
1.78	0.54	30.19	84.34	10.64	11.192	64.662	8.823	1.37	30.19
1.79	0.50	31.51	84.84	10.76	8.732	64.706	8.839	1.31	31.51
1.80	0.45	32.82	85.29	10.88	7.679	64.740	8.851	1.19	32.82
1.81	0.43	34.06	85.72	10.99	6.821	64.769	8.863	1.15	34.06
1.82	0.43	35.29	86.15	11.11	6.140	64.796	8.874	1.16	35.29
1.83	0.42	36.51	86.57	11.24	5.618	64.819	8.884	1.14	36.51
1.84	0.41	37.73	86.98	11.36	5.237	64.841	8.893	1.11	37.73
1.85	0.39	38.94	87.37	11.48	4.979	64.860	8.902	1.06	38.94
1.86	0.37	39.50	87.74	11.60	4.785	64.878	8.911	1.01	39.50
1.87	0.34	40.05	88.08	11.71	4.567	64.894	8.918	0.93	40.05
1.88	0.31	40.61	88.39	11.81	4.348	64.907	8.925	0.85	40.61
1.89	0.27	41.15	88.66	11.90	4.129	64.918	8.930	0.74	41.15
1.90	0.22	41.70	88.88	11.98	3.912	64.927	8.934	0.61	41.70
1.91	0.20	42.26	89.08	12.05	3.698	64.934	8.938	0.55	42.26
1.92	0.19	42.81	89.27	12.11	3.490	64.941	8.942	0.53	42.81
1.93	0.18	43.36	89.45	12.17	3.289	64.947	8.945	0.50	43.36
1.94	0.18	43.91	89.63	12.24	3.096	64.952	8.948	0.50	43.91
1.95	0.18	44.46	89.81	12.30	2.913	64.958	8.951	0.50	44.46
1.96	0.18	45.22	89.99	12.37	2.741	64.962	8.953	0.50	45.22
1.97	0.18	45.98	90.17	12.43	2.582	64.967	8.956	0.50	45.98
1.98	0.18	46.74	90.35	12.50	2.439	64.972	8.959	0.50	46.74
1.99	0.19	47.49	90.54	12.58	2.311	64.976	8.961	0.53	47.49
2.00	0.19	48.24	90.73	12.65	2.202	64.980	8.964	0.53	48.24
2.01	0.20	48.77	90.93	12.73	2.112	64.984	8.966	0.56	48.77
2.02	0.21	49.29	91.14	12.81	2.043	64.989	8.969	0.59	49.29
2.03	0.21	49.81	91.35	12.90	1.996	64.993	8.972	0.59	49.81
2.04	0.21	50.33	91.56	12.99	1.963	64.997	8.974	0.59	50.33
2.05	0.21	50.84	91.77	13.07	1.926	65.001	8.977	0.59	50.84
2.06	0.21	51.66	91.98	13.16	1.889	65.005	8.980	0.59	51.66
2.07	0.21	52.47	92.19	13.25	1.852	65.009	8.982	0.59	52.47
2.08	0.20	53.29	92.39	13.34	1.814	65.012	8.985	0.56	53.29
2.09	0.20	54.09	92.59	13.42	1.777	65.016	8.987	0.56	54.09
2.10	0.19	54.90	92.78	13.51	1.739	65.019	8.989	0.53	54.90
2.11	0.17	55.72	92.95	13.59	1.702	65.022	8.992	0.48	55.72
2.12	0.15	56.54	93.10	13.66	1.665	65.025	8.993	0.42	56.54
2.13	0.13	57.36	93.23	13.72	1.627	65.027	8.995	0.37	57.36
2.14	0.11	58.17	93.34	13.77	1.590	65.029	8.996	0.31	58.17
2.15	0.09	58.98	93.43	13.81	1.553	65.030	8.997	0.25	58.98
2.16	0.08	59.78	93.51	13.85	1.516	65.031	8.998	0.23	59.78
2.17	0.07	60.59	93.58	13.89	1.480	65.032	8.998	0.20	60.59
2.18	0.06	61.38	93.64	13.92	1.443	65.033	9.000	0.17	61.38
2.19	0.05	62.18	93.69	13.94	1.407	65.034	9.000	0.14	62.18
2.20	0.05	62.97	93.74	13.97	1.372	65.034	9.001	0.14	62.97
2.21	0.05	63.50	93.79	14.00	1.336	65.035	9.002	0.14	63.50
2.22	0.05	64.04	93.84	14.02	1.301	65.036	9.002	0.14	64.04
2.23	0.05	64.57	93.89	14.05	1.267	65.036	9.003	0.14	64.57
2.24	0.05	65.10	93.94	14.08	1.233	65.037	9.003	0.14	65.10
2.25	0.06	65.63	94.00	14.11	1.199	65.038	9.004	0.17	65.63
2.26	0.07	66.16	94.07	14.15	1.166	65.039	9.004	0.20	66.16
2.27	0.08	66.68	94.15	14.19	1.133	65.039	9.005	0.23	66.68
2.28	0.09	67.20	94.24	14.24	1.101	65.040	9.006	0.25	67.20
2.29	0.11	67.72	94.35	14.31	1.070	65.042	9.007	0.31	67.72
2.30	0.13	68.24	94.48	14.38	1.039	65.043	9.008	0.37	68.24

2.31	0.20	68.53	94.68	14.49	1.009	65.045	9.010	0.57	68.53
2.32	0.19	68.83	94.87	14.60	0.970	65.047	9.012	0.54	68.83
2.33	0.19	69.12	95.06	14.71	0.941	65.049	9.014	0.54	69.12
2.34	0.19	69.41	95.25	14.82	0.911	65.050	9.015	0.54	69.41
2.35	0.19	69.70	95.44	14.93	0.881	65.052	9.017	0.54	69.70
2.36	0.19	69.99	95.63	15.04	0.851	65.054	9.018	0.54	69.99
2.37	0.19	70.28	95.82	15.15	0.821	65.055	9.020	0.54	70.28
2.38	0.19	70.57	96.01	15.26	0.791	65.057	9.021	0.54	70.57
2.39	0.19	70.86	96.20	15.37	0.760	65.058	9.023	0.54	70.86
2.40	0.19	71.14	96.39	15.48	0.730	65.060	9.024	0.54	71.14
2.41	0.19	71.43	96.58	15.59	0.700	65.061	9.025	0.54	71.43
2.42	0.19	71.71	96.77	15.70	0.670	65.062	9.026	0.54	71.71
2.43	0.19	71.99	96.96	15.81	0.639	65.063	9.028	0.54	71.99
2.44	0.18	72.27	97.14	15.91	0.609	65.064	9.029	0.51	72.27
2.45	0.18	72.55	97.32	16.02	0.579	65.066	9.030	0.51	72.55
2.46	0.18	74.16	97.50	16.13	0.549	65.066	9.031	0.51	74.16
2.47	0.18	75.76	97.68	16.24	0.519	65.067	9.032	0.51	75.76
2.48	0.18	77.35	97.86	16.35	0.489	65.068	9.033	0.51	77.35
2.49	0.18	78.94	98.04	16.46	0.459	65.069	9.034	0.51	78.94
2.50	0.18	80.52	98.22	16.58	0.429	65.070	9.034	0.51	80.52
2.51	0.18	82.10	98.40	16.70	0.399	65.071	9.035	0.51	82.10
2.52	0.18	83.67	98.58	16.82	0.370	65.071	9.036	0.51	83.67
2.53	0.18	85.23	98.76	16.95	0.341	65.072	9.037	0.51	85.23
2.54	0.18	86.79	98.94	17.07	0.311	65.072	9.037	0.51	86.79
2.55	0.18	88.34	99.12	17.20	0.282	65.073	9.038	0.51	88.34
2.56	0.18	89.88	99.30	17.34	0.254	65.073	9.039	0.51	89.88
2.57	0.18	91.42	99.48	17.47	0.225	65.074	9.039	0.51	91.42
2.58	0.17	92.95	99.65	17.60	0.197	65.074	9.039	0.49	92.95
2.59	0.17	94.48	99.82	17.73	0.168	65.074	9.040	0.49	94.48
2.60	0.17	96.00	99.99	17.86	0.140	65.075	9.040	0.49	96.00

HEAD ASH %	17.86	CLEAN COAL ASH %	9.04	REFUSE ASH %	34.30
THEO. YIELD	75.48	CLEAN COAL YIELD%	65.07	REFUSE YIELD%	34.93
SG OF SEPARATION	1.652	ECART PROB. MOYEN	0.0856		
NEAR GRAVITY MAT	23.694	IMPERFECTION	0.093		
ORGANIC EFFCY.	86.21				

Yield Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : DATA SET CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN LO

MINE.PERIOD : PROPERTY

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
LR	DDH82005	31	WA1	32.63	31.112854	9.26	55.63	17.306793	61.93	44.37	13.806056
LR	DDH82005	32	WA1	18.20	10.051991	10.56	70.92	7.128392	36.80	29.08	2.923597
LR	DDH82005	34	WA1	20.42	30.708145	10.14	65.39	20.079483	39.86	34.61	10.628671
LR	DDH82005	38	WA1	20.65	7.612499	9.36	62.14	4.730544	39.18	37.86	2.881954
	TOTALS			24.94	79.485474	9.82	61.95	49.245193	49.57	38.04	30.240250

(2)

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : FRACTION CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN LO

MINE PERIOD : PROPERTY

FRACTION SIZE (MM) 10.00 X 0.60 FLOAT EQUIPEMENT HMC SG 1.60

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
LR	DDH82005	31	WA1	31.42	27.619217	9.20	57.16	15.787392	61.07	42.84	11.831825
LR	DDH82005	32	WA1	17.94	9.261035	10.64	71.52	6.623596	34.86	28.48	2.637439
LR	DDH82005	34	WA1	20.33	27.143936	10.16	65.74	17.843369	39.86	34.26	9.300568
LR	DDH82005	38	WA1	21.10	6.540660	9.41	61.66	4.033049	39.91	38.34	2.507611
				24.38	70.564835	9.82	62.76	44.287384	48.91	37.24	26.277420

FRACTION SIZE (MM) 0.60 X 0.15 FLOAT EQUIPEMENT HMC SG 1.63

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
LR	DDH82005	31	WA1	42.24	3.493640	9.95	43.49	1.519409	67.09	56.51	1.974231
LR	DDH82005	32	WA1	25.89	0.790956	9.57	63.82	0.504797	54.68	36.18	0.286159
LR	DDH82005	34	WA1	21.12	3.564223	9.98	62.74	2.236120	39.87	37.26	1.328103
LR	DDH82005	38	WA1	17.86	1.071839	9.04	65.07	0.697496	34.30	34.93	0.374343
				29.42	8.920658	9.80	55.58	4.957821	53.97	44.42	3.962835

TOTALS				24.94	79.485489	9.82	61.95	49.245193	49.57	38.04	30.240250

Averaged Quality Data Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN LO

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	RM 1008	ASH 1009	VM 1010	FC 1011	TS 1012	HGI 1019	C 1805	H 1806	N 1807	O 1808
KPNLRDDH82005	31	0.640	9.263	5.719	84.377	0.310	39.000	84.579	2.729	0.916	1.561
KPNLRDDH82005	32	0.690	10.564	6.622	82.124	0.410	34.000	82.194	2.725	1.152	2.264
KPNLRDDH82005	34	0.660	10.138	6.160	83.042	0.390	38.000	83.203	2.702	0.988	1.915
KPNLRDDH82005	38	0.750	9.357	6.335	83.558	0.430	44.000	83.558	3.030	1.129	1.739
QUALITY		0.666	9.817	6.089	83.428	0.369	38.349	83.018	2.728	0.993	1.812

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN LO

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	SIO2 1504	AL2O3 1505	FE2O3 1506	CAO 1507	MGO 1508	TIO2 1509	NA2O 1510	K2O 1511	SO3 1512	P2O5 1513
KPNLRDDH82005	31	65.930	22.050	1.920	0.920	0.760	0.750	1.140	0.790	0.770	0.520
KPNLRDDH82005	32	52.110	27.930	6.740	0.920	1.710	1.110	1.260	1.470	1.400	0.210
KPNLRDDH82005	34	48.030	24.380	4.530	7.400	0.950	1.270	1.310	0.680	1.060	5.880
KPNLRDDH82005	38	51.560	21.080	3.520	8.200	1.140	0.980	1.270	0.450	1.360	5.600
QUALITY		54.924	23.858	3.916	4.315	1.023	1.046	1.242	0.818	1.044	3.194

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN LO

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	OIT 1404	OST 1405	OHT 1406	OFT 1407	RIT 1408	RST 1409	RHT 1410	RFT 1411
KPNLRDDH82005	31	1190.000	1485.000	1500.000	1500.000	1190.000	1475.000	1495.000	1500.000
KPNLRDDH82005	32	1270.000	1455.000	1465.000	1495.000	1260.000	1450.000	1460.000	1485.000
KPNLRDDH82005	34	1255.000	1285.000	1300.000	1325.000	1250.000	1275.000	1290.000	1310.000
KPNLRDDH82005	38	1230.000	1265.000	1275.000	1310.000	1220.000	1265.000	1275.000	1295.000
QUALITY		1233.492	1375.969	1389.732	1408.136	1228.913	1367.663	1383.084	1398.889

ASTERIKS MEANS NO VALUE

Property

Medium Ash Premium Coal Product

Washability Data

Individual Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHC00H82001 SAMPLE ID 1 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 10.00 X .0.60 RELATIVE WT% - 81.32 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.76	4.55	3.76	4.55	96.24	28.86
1.35	3.26	9.52	7.02	6.86	92.98	29.54
1.40	3.32	9.61	10.34	7.75	89.66	30.28
1.45	26.34	9.61	36.68	9.09	63.32	38.88
1.50	13.26	12.75	49.94	10.06	50.06	45.80
1.55	8.28	18.62	58.22	11.28	41.78	51.19
1.60	5.55	22.68	63.77	12.27	36.23	55.55
1.65	3.84	26.43	67.61	13.07	32.39	59.01
1.70	2.76	28.98	70.37	13.70	29.63	61.80
1.80	3.10	32.10	73.47	14.47	26.53	65.27
1.90	3.02	39.41	76.49	15.46	23.51	68.59
2.60	23.51	68.59	100.00	27.95	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 1 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.02 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	10.31	0.87	10.31	0.87	89.69	20.49
1.35	7.03	2.34	17.34	1.47	82.66	22.03
1.40	6.78	3.99	24.12	2.17	75.88	23.64
1.45	24.67	6.09	48.79	4.16	51.21	32.09
1.50	20.60	9.63	69.39	5.78	30.61	47.21
1.55	4.94	15.24	74.33	6.41	25.67	53.37
1.60	3.03	19.73	77.36	6.93	22.64	57.87
1.65	2.41	24.39	79.77	7.46	20.23	61.85
1.70	1.73	28.01	81.50	7.90	18.50	65.02
1.80	1.36	32.38	82.86	8.30	17.14	67.61
1.90	1.89	37.05	84.75	8.94	15.25	71.40
2.60	15.25	71.40	100.00	18.46	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDHB2001 SAMPLE ID 3 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 60.62 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.17	1.08	2.17	1.08	97.83	21.61
1.35	1.48	2.70	3.65	1.74	96.35	21.90
1.40	1.43	4.11	5.08	2.40	94.92	22.16
1.45	17.58	4.97	22.66	4.39	77.34	26.07
1.50	17.63	8.40	40.29	6.15	59.71	31.29
1.55	13.25	13.83	53.54	8.05	46.46	36.27
1.60	10.39	18.35	63.93	9.72	36.07	41.43
1.65	6.77	22.99	70.70	10.99	29.30	45.70
1.70	4.28	26.06	74.98	11.85	25.02	49.06
1.80	4.84	29.49	79.82	12.92	20.18	53.75
1.90	3.41	35.59	83.23	13.85	16.77	57.44
2.60	16.77	57.44	100.00	21.16	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 3 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.0 RELATIVE WT% - 23.00 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	6.66	1.87	6.66	1.87	93.34	14.58
1.35	4.54	3.96	11.20	2.72	88.80	15.12
1.40	4.38	4.24	15.58	3.15	84.42	15.68
1.45	22.48	4.66	38.06	4.04	61.94	19.68
1.50	20.02	7.17	58.08	5.12	41.92	25.66
1.55	8.25	11.37	66.33	5.90	33.67	29.16
1.60	7.01	14.62	73.34	6.73	26.66	32.98
1.65	6.60	17.45	79.94	7.62	20.06	38.10
1.70	5.43	20.85	85.37	8.46	14.63	44.50
1.80	4.66	26.59	90.03	9.40	9.97	52.87
1.90	1.95	35.18	91.98	9.94	8.02	57.17
2.60	8.02	57.17	100.00	13.73	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 7 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 77.03 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.74	1.96	1.74	1.96	98.26	31.05
1.35	1.19	4.47	2.93	2.98	97.07	31.38
1.40	1.15	5.72	4.08	3.75	95.92	31.69
1.45	16.91	6.54	20.99	6.00	79.01	37.07
1.50	16.89	9.11	37.88	7.39	62.12	44.67
1.55	11.88	13.30	49.76	8.80	50.24	52.09
1.60	8.30	18.45	58.06	10.18	41.94	58.74
1.65	4.34	25.26	62.40	11.22	37.60	62.61
1.70	2.76	29.59	65.16	12.00	34.84	65.22
1.80	3.50	34.52	68.66	13.15	31.34	68.65
1.90	3.37	41.54	72.03	14.48	27.97	71.92
2.60	27.97	71.92	100.00	30.65	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 7 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.36 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	4.46	0.90	4.46	0.90	95.54	32.47
1.35	3.04	2.37	7.51	1.50	92.49	33.47
1.40	2.93	3.87	10.44	2.16	89.56	34.43
1.45	16.81	5.14	27.25	4.00	72.75	41.21
1.50	15.40	7.97	42.65	5.43	57.35	50.13
1.55	6.90	12.66	49.55	6.44	50.45	55.25
1.60	5.15	16.14	54.70	7.35	45.30	59.70
1.65	4.25	19.12	58.95	8.20	41.05	63.90
1.70	3.04	22.94	61.99	8.93	38.01	67.17
1.80	3.00	29.63	64.99	9.88	35.01	70.39
1.90	3.31	36.26	68.30	11.16	31.70	73.95
2.60	31.70	73.95	100.00	31.07	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 12 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 59.97 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.96	1.39	1.96	1.39	98.04	30.27
1.35	1.34	3.56	3.29	2.27	96.71	30.64
1.40	1.29	5.63	4.58	3.21	95.42	30.98
1.45	12.74	7.55	17.32	6.40	82.68	34.59
1.50	12.33	10.66	29.65	8.17	70.35	38.79
1.55	8.71	14.38	38.36	9.58	61.64	42.24
1.60	8.49	17.99	46.85	11.10	53.15	46.11
1.65	8.74	20.74	55.59	12.62	44.41	51.10
1.70	7.23	25.77	62.82	14.13	37.18	56.03
1.80	4.46	34.85	67.28	15.51	32.72	58.91
1.90	3.02	39.77	70.30	16.55	29.70	60.86
2.60	29.70	60.86	100.00	29.71	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 12 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 21.95 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	10.99	0.95	10.99	0.95	89.01	10.99
1.35	11.17	2.23	22.16	1.60	77.84	11.57
1.40	13.49	3.41	35.65	2.28	64.35	13.27
1.45	20.82	4.02	56.47	2.92	43.53	17.70
1.50	19.31	6.83	75.78	3.92	24.22	26.36
1.55	9.27	12.45	85.05	4.85	14.95	34.99
1.60	4.45	16.96	89.50	5.45	10.50	42.63
1.65	1.84	21.61	91.34	5.78	8.66	47.10
1.70	1.46	25.41	92.80	6.09	7.20	51.49
1.80	2.08	30.12	94.88	6.61	5.12	60.17
1.90	0.83	37.80	95.71	6.88	4.29	64.50
2.60	4.29	64.50	100.00	9.36	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 17 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.70 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	2.99	1.61	2.99	1.61	97.01	29.71
1.35	2.04	4.15	5.03	2.64	94.97	30.26
1.40	1.96	6.57	6.99	3.74	93.01	30.76
1.45	13.41	8.03	20.40	6.56	79.60	34.59
1.50	13.50	11.93	33.90	8.70	66.10	39.21
1.55	11.50	17.67	45.40	10.97	54.60	43.75
1.60	10.38	21.94	55.78	13.01	44.22	48.87
1.65	8.17	25.36	63.95	14.59	36.05	54.20
1.70	6.02	29.81	69.97	15.90	30.03	59.09
1.80	7.19	36.43	77.16	17.81	22.84	66.22
1.90	1.88	42.72	79.04	18.40	20.96	68.33
2.60	20.96	68.33	100.00	28.87	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 17 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.49 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	9.85	0.90	9.85	0.90	90.15	19.62
1.35	9.39	2.71	19.24	1.78	80.76	21.58
1.40	11.13	5.48	30.37	3.13	69.63	24.16
1.45	15.99	7.31	46.36	4.58	53.64	29.18
1.50	15.36	10.64	61.72	6.09	38.28	36.62
1.55	9.27	16.02	70.99	7.38	29.01	43.20
1.60	5.25	19.21	76.24	8.20	23.76	48.50
1.65	2.63	21.13	78.87	8.63	21.13	51.91
1.70	2.64	25.06	81.51	9.16	18.49	55.74
1.80	5.35	31.28	86.86	10.52	13.14	65.69
1.90	1.51	39.67	88.37	11.02	11.63	69.07
2.60	11.63	69.07	100.00	17.77	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 18 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 75.60 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.74	1.19	2.74	1.19	97.26	34.80
1.35	1.87	3.46	4.61	2.11	95.39	35.41
1.40	1.80	6.43	6.41	3.32	93.59	35.97
1.45	7.04	8.54	13.45	6.05	86.55	38.20
1.50	9.22	12.41	22.67	8.64	77.33	41.28
1.55	11.41	16.54	34.08	11.29	65.92	45.56
1.60	11.40	19.91	45.48	13.45	54.52	50.92
1.65	10.01	23.23	55.49	15.21	44.51	57.14
1.70	6.88	27.09	62.37	16.52	37.63	62.64
1.80	5.64	33.72	68.01	17.95	31.99	67.74
1.90	3.94	42.44	71.95	19.29	28.05	71.30
2.60	28.05	71.30	100.00	33.88	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHC0DH82003 SAMPLE ID 18 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.26 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	9.30	1.19	9.30	1.19	90.70	32.00
1.35	7.14	3.20	16.45	2.07	83.55	34.47
1.40	7.59	5.48	24.04	3.14	75.96	37.36
1.45	8.25	7.15	32.29	4.17	67.71	41.04
1.50	8.67	9.52	40.96	5.30	59.04	45.67
1.55	9.87	12.26	50.83	6.65	49.17	52.39
1.60	9.34	16.30	60.17	8.15	39.83	60.84
1.65	5.35	21.55	65.52	9.24	34.48	66.94
1.70	2.71	26.22	68.23	9.92	31.77	70.41
1.80	3.95	32.54	72.18	11.16	27.82	75.79
1.90	1.71	40.56	73.89	11.64	26.11	78.10
2.80	26.11	78.10	100.00	29.14	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDHB2003 SAMPLE ID 21 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 88.04 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	4.65	1.52	4.65	1.52	95.35	51.09
1.35	3.70	4.05	8.35	2.64	91.65	52.99
1.40	4.06	6.96	12.41	4.05	87.59	55.13
1.45	4.53	8.70	16.94	5.30	83.06	57.66
1.50	4.87	12.19	21.81	6.83	78.19	60.49
1.55	5.56	16.48	27.37	8.79	72.63	63.86
1.60	5.34	22.02	32.71	10.95	67.29	67.18
1.65	3.60	28.54	36.31	12.70	63.69	69.36
1.70	2.44	32.71	38.75	13.96	61.25	70.82
1.80	3.76	37.13	42.51	16.01	57.49	73.03
1.90	2.13	44.63	44.64	17.37	55.36	74.12
2.60	55.36	74.12	100.00	48.79	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 21 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.65 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	18.19	0.60	18.19	0.60	81.81	37.96
1.35	11.08	2.11	29.26	1.17	70.74	43.58
1.40	9.05	4.75	38.31	2.01	61.69	49.27
1.45	7.21	7.76	45.52	2.92	54.48	54.76
1.50	4.81	11.61	50.33	3.76	49.67	58.94
1.55	3.09	15.68	53.42	4.45	46.58	61.81
1.60	3.00	19.99	56.42	5.27	43.58	64.69
1.65	2.96	23.15	59.38	6.16	40.62	67.71
1.70	2.86	29.05	62.24	7.22	37.76	70.64
1.80	3.94	38.45	66.18	9.07	33.82	74.40
1.90	2.60	44.97	68.78	10.43	31.22	76.85
2.60	31.22	76.85	100.00	31.17	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 22 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 79.34 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.12	1.20	3.12	1.20	96.88	35.93
1.35	2.13	3.30	5.25	2.05	94.75	36.66
1.40	2.05	5.80	7.30	3.10	92.70	37.34
1.45	9.56	7.79	16.86	5.76	83.14	40.74
1.50	9.63	11.51	26.49	7.85	73.51	44.57
1.55	9.36	15.77	35.85	9.92	64.15	48.77
1.60	8.84	21.09	44.69	12.13	55.31	53.20
1.65	6.08	27.36	50.77	13.95	49.23	56.39
1.70	3.26	31.62	54.03	15.02	45.97	58.14
1.80	5.17	36.01	59.20	16.85	40.80	60.95
1.90	5.06	42.03	64.26	18.83	35.74	63.63
2.60	35.74	63.63	100.00	34.84	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHC00H82003 SAMPLE ID 22 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.86 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.14	0.01	3.14	0.01	96.86	31.88
1.35	4.45	1.14	7.59	0.67	92.41	33.36
1.40	6.66	4.27	14.25	2.35	85.75	35.62
1.45	11.72	6.29	25.97	4.13	74.03	40.26
1.50	10.88	9.89	36.85	5.83	63.15	45.49
1.55	6.39	15.47	43.24	7.26	56.76	48.87
1.60	5.79	19.29	49.03	8.68	50.97	52.23
1.65	5.39	21.12	54.42	9.91	45.58	55.91
1.70	5.21	26.61	59.63	11.37	40.37	59.69
1.80	8.60	36.11	68.23	14.49	31.77	66.08
1.90	3.53	43.25	71.76	15.90	28.24	68.93
2.60	28.24	68.93	100.00	30.88	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 23 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 76.78 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	3.73	2.18	3.73	2.18	96.27	36.31
1.35	2.55	5.23	6.28	3.42	93.72	37.16
1.40	2.45	7.41	8.73	4.54	91.27	37.96
1.45	8.24	8.84	16.97	6.63	83.03	40.85
1.50	9.63	11.86	26.60	8.52	73.40	44.65
1.55	13.10	15.75	39.70	10.91	60.30	50.93
1.60	9.61	20.28	49.31	12.73	50.69	56.74
1.65	2.67	26.67	51.98	13.45	48.02	58.41
1.70	2.40	31.30	54.38	14.24	45.62	59.84
1.80	4.83	36.20	59.21	16.03	40.79	62.63
1.90	3.02	42.05	62.23	17.29	37.77	64.28
2.60	37.77	64.28	100.00	35.04	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 23 WASHABILITY ID WA1

----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.34 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	7.98	0.79	7.98	0.79	92.02	24.47
1.35	8.44	2.51	16.42	1.67	83.58	26.69
1.40	10.52	5.34	26.94	3.10	73.06	29.77
1.45	16.22	7.43	43.16	4.73	56.84	36.14
1.50	15.28	10.38	58.44	6.21	41.56	45.61
1.55	8.19	15.02	66.63	7.29	33.37	59.11
1.60	4.70	19.23	71.33	8.08	28.67	58.67
1.65	2.59	23.59	73.92	8.62	26.08	62.15
1.70	2.19	28.03	76.11	9.18	23.89	65.28
1.80	3.50	34.34	79.61	10.29	20.39	70.59
1.90	1.69	41.88	81.30	10.94	18.70	73.18
2.60	18.70	73.18	100.00	22.58	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCD0H82003 SAMPLE ID 24 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.16 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	7.52	0.82	7.52	0.82	92.48	25.84
1.35	6.20	2.77	13.72	1.70	86.28	27.50
1.40	7.27	6.01	20.99	3.19	79.01	29.48
1.45	8.20	8.38	29.19	4.65	70.81	31.92
1.50	8.53	11.32	37.72	6.16	62.28	34.74
1.55	8.98	13.67	46.70	7.60	53.30	38.29
1.60	8.86	18.74	55.56	9.38	44.44	42.19
1.65	6.74	25.69	62.30	11.14	37.70	45.14
1.70	3.83	29.18	66.13	12.19	33.87	46.95
1.80	4.84	32.22	70.97	13.55	29.03	49.40
1.90	5.07	37.60	76.04	15.16	23.96	51.90
2.60	23.96	51.90	100.00	23.96	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 24 WASHABILITY ID WA1

---------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 11.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	22.08	0.98	22.08	0.98	77.92	20.73
1.35	14.25	2.78	36.33	1.69	63.67	24.75
1.40	13.18	5.02	49.51	2.57	50.49	29.89
1.45	11.70	7.33	61.21	3.48	38.79	36.70
1.50	8.68	11.19	69.89	4.44	30.11	44.05
1.55	5.62	16.56	75.51	5.34	24.49	50.36
1.60	2.99	20.52	78.50	5.92	21.50	54.51
1.65	1.38	23.91	79.88	6.23	20.12	56.61
1.70	1.39	27.91	81.27	6.60	18.73	58.74
1.80	2.87	33.40	84.14	7.52	15.86	63.33
1.90	1.49	42.10	85.63	8.12	14.37	66.53
2.60	14.37	65.53	100.00	16.37	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 41 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.83 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	7.02	2.29	7.02	2.29	92.98	18.77
1.35	4.78	5.08	11.80	3.42	88.20	19.52
1.40	4.61	6.08	16.41	4.17	83.59	20.26
1.45	25.54	6.76	41.95	5.75	58.05	26.20
1.50	21.94	10.30	63.89	7.31	36.11	35.85
1.55	6.21	17.25	70.10	8.19	29.90	39.72
1.60	4.14	21.66	74.24	8.94	25.76	42.62
1.65	3.17	25.02	77.41	9.60	22.59	45.09
1.70	2.64	28.09	80.05	10.21	19.95	47.34
1.80	3.63	31.96	83.68	11.15	16.32	50.76
1.90	2.94	34.65	86.62	11.95	13.38	54.30
2.60	13.38	84.30	100.00	17.62	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF-SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 41 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.71 ASH% - 0.0

SG-TMP	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.83	0.97	3.83	0.97	96.17	21.84
1.35	5.98	2.42	9.81	1.85	90.19	23.13
1.40	8.76	4.44	18.57	3.07	81.43	25.14
1.45	15.44	5.64	34.01	4.24	65.99	29.69
1.50	13.86	8.54	47.87	5.49	52.13	35.32
1.55	6.47	13.42	54.34	6.43	45.66	38.43
1.60	5.31	17.23	59.65	7.39	40.35	41.21
1.65	4.84	20.74	64.49	8.39	35.51	44.01
1.70	4.22	24.01	68.71	9.35	31.29	46.70
1.80	6.78	28.60	75.49	11.08	24.51	51.71
1.90	6.90	38.64	82.39	13.38	17.61	56.83
2.60	17.61	56.83	100.00	21.04	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 42 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.00 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	3.21	1.37	3.21	1.37	96.79	40.63
1.35	2.19	3.55	5.40	2.25	94.60	41.49
1.40	2.11	5.75	7.51	3.23	92.49	42.30
1.45	15.43	7.81	22.94	6.31	77.06	49.21
1.50	13.57	10.34	36.51	7.81	63.49	57.52
1.55	4.40	14.25	40.91	8.50	59.09	60.74
1.60	2.89	17.83	43.80	9.12	56.20	62.95
1.65	1.78	21.27	45.58	9.59	54.42	64.31
1.70	1.95	24.98	47.53	10.22	52.47	65.77
1.80	5.40	29.69	52.93	12.21	47.07	69.91
1.90	2.33	39.39	55.26	13.36	44.74	71.50
2.60	44.74	71.50	100.00	39.37	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 42 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	9.09	1.79	9.09	1.79	90.91	33.98
1.35	8.16	4.23	17.25	2.95	82.75	36.91
1.40	9.12	6.27	26.37	4.09	73.63	40.71
1.45	13.55	7.93	39.92	5.40	60.08	48.10
1.50	11.72	10.66	51.64	6.59	48.36	57.17
1.55	4.60	15.09	56.24	7.29	43.76	61.60
1.60	2.88	19.45	59.12	7.88	40.88	64.57
1.65	2.45	23.81	61.57	8.51	38.43	67.16
1.70	2.06	27.97	63.63	9.14	36.37	69.38
1.80	3.06	33.93	66.69	10.28	33.31	72.64
1.90	2.73	42.81	69.42	11.56	30.58	75.30
2.60	30.58	75.30	100.00	31.05	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 43 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.79 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.21	1.09	2.21	1.09	97.79	31.29
1.35	1.51	3.23	3.72	1.96	96.28	31.73
1.40	1.45	6.18	5.17	3.14	94.83	32.12
1.45	13.82	7.82	18.99	6.54	81.01	36.27
1.50	14.07	13.30	33.06	9.42	66.94	41.10
1.55	12.84	21.63	45.90	12.84	54.10	45.72
1.60	9.30	25.59	55.20	14.99	44.80	49.90
1.65	4.07	27.82	59.27	15.87	40.73	52.10
1.70	3.70	30.18	62.97	16.71	37.03	54.29
1.80	8.89	33.22	71.86	18.75	28.14	60.95
1.90	4.28	42.41	76.14	20.08	23.86	64.28
2.60	23.86	64.28	100.00	30.63	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 43 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.20 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	4.00	0.17	4.00	0.17	96.00	26.16
1.35	5.85	1.81	9.85	1.14	90.15	27.74
1.40	9.04	5.87	18.89	3.40	81.11	30.18
1.45	13.73	8.62	32.62	5.60	67.38	34.57
1.50	13.80	11.78	46.42	7.44	53.58	40.44
1.55	10.60	15.70	57.02	8.97	42.98	46.54
1.60	7.79	19.56	64.81	10.25	35.19	52.51
1.65	4.66	23.92	69.47	11.16	30.53	56.87
1.70	3.19	27.60	72.66	11.88	27.34	60.29
1.80	4.46	32.63	77.12	13.08	22.88	65.68
1.90	3.05	40.03	80.17	14.11	19.83	69.62
2.60	19.83	69.62	100.00	25.12	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 31 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.72 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	0.09	0.85	0.09	0.85	99.91	31.43
1.35	0.06	2.22	0.14	1.41	99.86	31.45
1.40	0.06	3.61	0.20	2.03	99.80	31.46
1.45	23.75	5.12	23.95	5.10	76.05	39.69
1.50	21.63	8.74	45.58	6.82	54.42	51.99
1.55	8.35	14.84	53.93	8.06	46.07	58.72
1.60	5.54	20.12	59.47	9.19	40.53	64.00
1.65	3.63	25.77	63.10	10.14	36.90	67.76
1.70	2.85	30.70	65.95	11.03	34.05	70.86
1.80	3.59	36.91	69.54	12.37	30.46	74.87
1.90	2.38	42.25	71.92	13.36	28.08	77.63
2.60	28.08	77.63	100.00	31.40	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82006 SAMPLE ID 31 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.59 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.09	0.25	0.09	0.25	99.91	42.26
1.35	0.06	1.09	0.14	0.59	99.86	42.28
1.40	0.06	2.81	0.20	1.21	99.80	42.31
1.45	17.95	4.43	18.15	4.39	81.85	50.61
1.50	16.41	8.23	34.56	6.22	65.44	61.24
1.55	6.61	14.69	41.17	7.66	58.83	66.48
1.60	4.48	18.86	45.65	8.67	54.35	70.41
1.65	2.96	22.41	48.61	9.51	51.39	73.17
1.70	2.51	26.63	51.12	10.35	48.88	75.56
1.80	3.81	33.49	54.93	11.95	45.07	79.12
1.90	2.87	48.88	57.80	13.79	42.20	81.18
2.60	42.20	81.18	100.00	42.22	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 32 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 89.22 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	0.75	0.43	0.75	0.43	99.25	17.66
1.35	0.51	1.82	1.27	0.99	98.73	17.74
1.40	0.49	4.66	1.76	2.02	98.24	17.80
1.45	23.98	7.18	25.74	6.83	74.26	21.23
1.50	24.03	10.25	49.77	8.48	50.23	26.49
1.55	16.82	14.16	66.59	9.91	33.41	32.70
1.60	10.09	17.08	76.68	10.86	23.32	39.46
1.65	2.90	20.38	79.58	11.20	20.42	42.17
1.70	2.00	23.56	81.58	11.51	18.42	44.19
1.80	3.00	28.20	84.58	12.10	15.42	47.30
1.90	1.77	33.69	86.35	12.54	13.65	49.06
2.60	13.65	49.06	100.00	17.53	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 32 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 7.62 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.05	0.55	3.05	0.55	96.95	26.68
1.35	2.08	1.85	5.13	1.08	94.87	27.23
1.40	2.01	3.98	7.14	1.89	92.86	27.73
1.45	22.90	5.57	30.04	4.70	69.96	34.98
1.50	21.79	9.39	51.83	6.67	48.17	46.56
1.55	10.99	15.93	62.82	8.29	37.18	55.61
1.60	6.36	19.35	69.18	9.31	30.82	63.09
1.65	2.60	21.57	71.78	9.75	28.22	66.91
1.70	1.98	24.93	73.76	10.16	26.24	70.09
1.80	2.74	30.44	76.50	10.89	23.50	74.71
1.90	1.43	35.54	77.93	11.34	22.07	77.25
2.60	22.07	77.25	100.00	25.88	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 34 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 82.63 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.09	0.86	0.09	0.86	99.91	20.35
1.35	0.06	2.27	0.14	1.43	99.86	20.36
1.40	0.06	3.76	0.20	2.09	99.80	20.37
1.45	20.82	5.10	21.02	5.07	78.98	24.39
1.50	21.11	8.59	42.13	6.83	57.87	30.16
1.55	16.68	13.63	58.81	8.76	41.19	36.86
1.60	11.90	18.04	70.71	10.32	29.29	44.50
1.65	5.36	23.43	76.07	11.25	23.93	49.22
1.70	2.54	27.75	78.61	11.78	21.39	51.77
1.80	2.50	33.52	81.11	12.45	18.89	54.19
1.90	2.72	37.27	83.83	13.25	16.17	57.03
2.60	16.17	57.03	100.00	20.33	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLR0DH82005 SAMPLE ID 34 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.85 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	2.54	0.32	2.54	0.32	97.46	21.65
1.35	1.73	1.59	4.26	0.84	95.74	22.01
1.40	1.67	4.43	5.93	1.84	94.07	22.32
1.45	21.72	6.94	27.65	5.85	72.35	26.94
1.50	20.02	9.37	47.67	7.33	52.33	33.67
1.55	9.28	12.38	56.95	8.15	43.05	38.26
1.60	7.40	15.23	64.35	8.96	35.65	43.03
1.65	6.21	18.31	70.56	9.79	29.44	48.25
1.70	5.08	22.30	75.64	10.63	24.36	53.66
1.80	5.89	28.84	81.53	11.94	18.47	61.58
1.90	3.17	37.76	84.70	12.91	15.30	66.51
2.60	15.30	66.51	100.00	21.11	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDHB2005 SAMPLE ID 38 WASHABILITY ID WAI

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.55 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	2.96	0.88	2.96	0.88	97.04	21.71
1.35	2.02	2.39	4.98	1.49	95.02	22.12
1.40	1.95	4.14	6.93	2.23	93.07	22.50
1.45	18.75	5.57	25.68	4.67	74.32	26.77
1.50	18.33	8.76	44.01	6.37	55.99	32.66
1.55	11.66	13.62	55.67	7.87	44.33	37.70
1.60	8.78	18.65	64.45	9.34	35.55	42.40
1.65	6.08	24.58	70.53	10.65	29.47	46.08
1.70	4.25	27.95	74.78	11.63	25.22	49.14
1.80	4.81	31.48	79.59	12.83	20.41	53.30
1.90	6.25	37.33	85.84	14.62	14.16	60.34
2.60	14.16	60.34	100.00	21.09	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 38 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.20 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	2.88	1.83	2.88	1.83	97.12	18.34
1.35	1.96	4.05	4.84	2.73	95.16	18.64
1.40	1.89	4.82	6.73	3.32	93.27	18.92
1.45	18.62	5.46	25.35	4.89	74.65	22.27
1.50	18.75	7.55	44.10	6.02	55.90	27.22
1.55	14.48	10.76	58.58	7.19	41.42	32.97
1.60	10.73	14.04	69.31	8.25	30.69	39.59
1.65	5.99	17.85	75.30	9.01	24.70	44.86
1.70	4.11	21.58	79.41	9.66	20.59	49.51
1.80	5.88	27.26	85.29	10.88	14.71	58.40
1.90	3.60	38.15	88.89	11.98	11.11	64.96
2.60	11.11	64.96	100.00	17.87	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNSSDDH82007 SAMPLE ID 47 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 89.28 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	6.57	1.81	6.57	1.81	93.43	30.82
1.35	4.48	4.45	11.06	2.88	88.94	32.15
1.40	4.32	6.70	15.38	3.96	84.62	33.45
1.45	4.17	9.17	19.54	5.07	80.46	34.71
1.50	4.03	11.55	23.57	6.17	76.43	35.93
1.55	16.08	13.23	39.65	9.04	60.35	41.98
1.60	15.19	16.93	54.84	11.22	45.16	50.41
1.65	7.90	23.29	62.74	12.74	37.26	56.16
1.70	4.68	27.26	67.42	13.75	32.58	60.31
1.80	4.58	31.81	72.00	14.90	28.00	64.97
1.90	4.57	37.97	76.57	16.27	23.43	70.23
2.60	23.43	70.23	100.00	28.92	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNSSDDH82007 SAMPLE ID 47 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 7.27 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.77	0.28	0.77	0.28	99.23	43.14
1.35	0.53	1.39	1.30	0.73	98.70	43.36
1.40	0.51	3.87	1.81	1.61	98.19	43.56
1.45	12.37	6.16	14.18	5.58	85.82	48.95
1.50	11.49	9.57	25.67	7.37	74.33	55.04
1.55	5.40	14.43	31.07	8.60	68.93	58.23
1.60	4.07	17.94	35.14	9.68	64.86	60.75
1.65	3.14	21.10	38.28	10.61	61.72	62.77
1.70	2.53	24.44	40.81	11.47	59.19	64.41
1.80	3.42	29.88	44.23	12.89	55.77	66.53
1.90	2.82	40.61	47.05	14.56	52.95	67.91
2.60	52.95	67.91	100.00	42.80	0.00	0.00

Washability Data

Blended Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 79.31 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.82	2.11	2.82	2.11	97.18	29.13
1.35	2.09	5.17	4.91	3.41	95.09	29.66
1.40	2.11	6.98	7.02	4.48	92.98	30.18
1.45	16.89	7.16	23.91	6.37	76.09	35.28
1.50	14.71	10.29	38.61	7.86	61.39	41.27
1.55	11.01	15.36	49.62	9.53	50.38	46.93
1.60	8.67	19.67	58.29	11.04	41.71	52.60
1.65	5.48	24.56	63.77	12.20	36.23	56.84
1.70	3.66	28.39	67.43	13.08	32.57	60.03
1.80	4.31	33.46	71.74	14.30	28.26	64.08
1.90	3.25	39.60	74.99	15.40	25.01	67.26
2.60	25.01	67.26	100.00	28.37	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.30 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	7.08	1.08	7.08	1.08	92.92	25.25
1.35	5.49	2.80	12.57	1.83	87.43	26.66
1.40	5.85	4.79	18.42	2.77	81.58	28.23
1.45	17.69	5.91	36.11	4.31	63.89	34.41
1.50	15.97	8.93	52.08	5.73	47.92	42.91
1.55	7.70	13.41	59.78	6.72	40.22	48.65
1.60	5.86	16.87	65.64	7.62	34.36	53.95
1.65	4.31	20.21	69.95	8.40	30.05	58.79
1.70	3.34	24.11	73.29	9.11	26.71	63.13
1.80	4.13	30.96	77.42	10.28	22.58	69.01
1.90	2.37	39.77	79.79	11.16	20.21	72.45
2.60	20.21	72.45	100.00	23.64	0.00	0.00

Washability Data

Blended Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY EQUIPEMENT HMC SG-ASH 10.00 EP 0.036 SG 1.55

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 79.31 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL	SINK
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	0.39	0.48	0.39	0.48	99.810	0.394	0.481	0.00	0.48
1.25	0.40	0.95	0.79	0.72	99.715	0.789	0.715	0.00	0.95
1.26	0.40	1.41	1.19	0.95	99.621	1.186	0.949	0.00	1.41
1.27	0.40	1.98	1.59	1.21	99.526	1.585	1.208	0.00	1.98
1.28	0.40	2.64	2.00	1.50	99.432	1.987	1.498	0.00	2.64
1.29	0.41	3.30	2.40	1.80	99.339	2.393	1.803	0.01	3.30
1.30	0.41	3.95	2.82	2.12	99.245	2.803	2.118	0.01	3.95
1.31	0.42	4.31	3.23	2.40	99.151	3.216	2.399	0.01	4.31
1.32	0.42	4.66	3.65	2.66	99.057	3.630	2.658	0.01	4.66
1.33	0.42	5.11	4.07	2.91	98.962	4.045	2.909	0.01	5.11
1.34	0.42	5.65	4.49	3.17	98.906	4.460	3.165	0.01	5.65
1.35	0.42	6.19	4.91	3.43	98.814	4.874	3.422	0.01	6.19
1.36	0.32	6.54	5.23	3.62	98.722	5.192	3.613	0.01	6.54
1.37	0.32	6.89	5.55	3.81	98.631	5.508	3.801	0.01	6.89
1.38	0.32	7.07	5.87	3.99	98.540	5.826	3.979	0.01	7.07
1.39	0.56	7.07	6.44	4.26	98.449	6.382	4.248	0.02	7.07
1.40	0.58	7.07	7.02	4.49	98.359	6.954	4.480	0.02	7.07
1.41	3.43	7.07	10.45	5.34	98.268	10.327	5.326	0.11	7.07
1.42	7.17	7.07	17.62	6.04	98.176	17.363	6.033	0.25	7.07
1.43	6.10	7.32	23.72	6.37	98.084	23.349	6.364	0.22	7.32
1.44	0.10	7.83	23.82	6.38	97.991	23.447	6.370	0.00	7.83
1.45	0.08	8.33	23.91	6.39	97.429	23.529	6.377	0.00	8.33
1.46	3.05	8.67	26.96	6.64	96.225	26.467	6.632	0.22	8.67
1.47	3.06	9.01	30.02	6.89	94.872	29.372	6.867	0.30	9.01
1.48	3.01	9.92	33.03	7.16	93.462	32.181	7.134	0.37	9.92
1.49	2.88	11.40	35.91	7.50	90.767	34.800	7.454	0.51	11.40
1.50	2.70	12.86	38.61	7.88	85.154	37.099	7.789	0.76	12.86
1.51	2.49	13.67	41.10	8.23	79.060	39.066	8.085	0.99	13.67
1.52	2.31	14.48	43.41	8.56	68.055	40.640	8.333	1.40	14.48
1.53	2.17	15.41	45.58	8.89	61.111	41.967	8.557	1.60	15.41
1.54	2.06	16.47	47.64	9.21	54.166	43.083	8.762	1.79	16.47
1.55	1.98	17.52	49.62	9.55	47.222	44.018	8.948	1.99	17.52
1.56	1.93	18.06	51.55	9.86	43.056	44.849	9.117	2.09	18.06
1.57	1.87	18.59	53.42	10.17	36.111	45.522	9.257	2.26	18.59
1.58	1.77	19.52	55.19	10.47	29.167	46.038	9.372	2.38	19.52
1.59	1.64	20.84	56.82	10.77	22.222	46.401	9.461	2.42	20.84
1.60	1.47	22.15	58.29	11.05	18.703	46.676	9.536	2.27	22.15
1.61	1.31	22.99	59.61	11.32	13.703	46.856	9.588	2.15	22.99
1.62	1.20	23.82	60.80	11.56	10.000	46.976	9.624	2.05	23.82
1.63	1.09	24.71	61.89	11.79	7.431	47.056	9.650	1.91	24.71
1.64	0.99	25.65	62.88	12.01	5.776	47.113	9.669	1.77	25.65
1.65	0.89	26.58	63.77	12.22	4.483	47.153	9.684	1.62	26.58
1.66	0.84	27.16	64.61	12.41	3.966	47.187	9.696	1.54	27.16
1.67	0.81	27.74	65.43	12.60	3.468	47.215	9.707	1.49	27.74
1.68	0.76	28.45	66.19	12.78	3.010	47.238	9.716	1.40	28.45
1.69	0.68	29.29	66.86	12.95	2.612	47.256	9.723	1.25	29.29
1.70	0.56	30.12	67.43	13.09	2.294	47.269	9.729	1.05	30.12

1.71	0.49	30.78	67.92	13.22	2.075	47.279	9.733	0.92	30.78
1.72	0.49	31.43	68.41	13.35	1.976	47.288	9.738	0.90	31.43
1.73	0.47	32.08	68.88	13.48	1.913	47.297	9.742	0.88	32.08
1.74	0.46	32.72	69.34	13.61	1.825	47.306	9.746	0.86	32.72
1.75	0.45	33.36	69.79	13.73	1.737	47.314	9.750	0.83	33.36
1.76	0.43	34.00	70.22	13.86	1.650	47.321	9.754	0.80	34.00
1.77	0.41	34.64	70.63	13.98	1.563	47.327	9.757	0.77	34.64
1.78	0.39	35.27	71.02	14.10	1.477	47.333	9.760	0.73	35.27
1.79	0.37	35.90	71.39	14.21	1.392	47.338	9.763	0.69	35.90
1.80	0.35	36.53	71.74	14.32	1.309	47.343	9.766	0.65	36.53
1.81	0.33	37.00	72.07	14.42	1.228	47.347	9.768	0.62	37.00
1.82	0.32	37.46	72.39	14.53	1.149	47.350	9.770	0.61	37.46
1.83	0.32	37.93	72.71	14.63	1.073	47.354	9.772	0.60	37.93
1.84	0.32	38.38	73.03	14.73	1.000	47.357	9.774	0.60	38.38
1.85	0.32	38.84	73.35	14.84	0.928	47.360	9.776	0.59	38.84
1.86	0.32	39.65	73.66	14.94	0.856	47.363	9.778	0.60	39.65
1.87	0.32	40.45	73.98	15.05	0.783	47.365	9.779	0.61	40.45
1.88	0.33	41.25	74.31	15.17	0.711	47.368	9.781	0.62	41.25
1.89	0.33	42.04	74.65	15.29	0.638	47.370	9.782	0.63	42.04
1.90	0.34	42.83	74.99	15.41	0.566	47.372	9.784	0.65	42.83
1.91	0.35	43.46	75.34	15.55	0.494	47.373	9.785	0.66	43.46
1.92	0.35	44.08	75.69	15.68	0.424	47.375	9.786	0.66	44.08
1.93	0.35	44.70	76.04	15.81	0.354	47.376	9.787	0.66	44.70
1.94	0.35	45.32	76.39	15.95	0.286	47.377	9.788	0.66	45.32
1.95	0.35	45.94	76.74	16.08	0.220	47.378	9.788	0.66	45.94
1.96	0.35	46.55	77.09	16.22	0.156	47.378	9.789	0.66	46.55
1.97	0.35	47.16	77.44	16.36	0.094	47.379	9.789	0.66	47.16
1.98	0.35	47.77	77.79	16.50	0.034	47.379	9.789	0.66	47.77
1.99	0.35	48.37	78.14	16.64	0.0	47.379	9.789	0.66	48.37
2.00	0.35	48.98	78.49	16.79	0.0	47.379	9.789	0.67	48.98
2.01	0.35	49.57	78.84	16.93	0.0	47.379	9.789	0.67	49.57
2.02	0.35	50.17	79.19	17.08	0.0	47.379	9.789	0.67	50.17
2.03	0.35	50.76	79.54	17.23	0.0	47.379	9.789	0.67	50.76
2.04	0.35	51.35	79.89	17.38	0.0	47.379	9.789	0.67	51.35
2.05	0.35	51.94	80.24	17.53	0.0	47.379	9.789	0.67	51.94
2.06	0.35	52.52	80.59	17.68	0.0	47.379	9.789	0.67	52.52
2.07	0.35	53.10	80.94	17.84	0.0	47.379	9.789	0.67	53.10
2.08	0.35	53.68	81.29	17.99	0.0	47.379	9.789	0.67	53.68
2.09	0.35	54.25	81.64	18.15	0.0	47.379	9.789	0.67	54.25
2.10	0.35	54.82	81.99	18.30	0.0	47.379	9.789	0.67	54.82
2.11	0.35	55.39	82.34	18.46	0.0	47.379	9.789	0.67	55.39
2.12	0.35	55.96	82.70	18.62	0.0	47.379	9.789	0.67	55.96
2.13	0.35	56.52	83.05	18.78	0.0	47.379	9.789	0.67	56.52
2.14	0.35	57.09	83.40	18.94	0.0	47.379	9.789	0.67	57.09
2.15	0.35	57.64	83.75	19.11	0.0	47.379	9.789	0.67	57.64
2.16	0.35	58.20	84.10	19.27	0.0	47.379	9.789	0.67	58.20
2.17	0.35	58.75	84.46	19.43	0.0	47.379	9.789	0.67	58.75
2.18	0.35	59.31	84.81	19.60	0.0	47.379	9.789	0.67	59.31
2.19	0.35	59.85	85.16	19.77	0.0	47.379	9.789	0.67	59.85
2.20	0.35	60.40	85.52	19.94	0.0	47.379	9.789	0.67	60.40
2.21	0.35	60.94	85.87	20.10	0.0	47.379	9.789	0.67	60.94
2.22	0.35	61.49	86.22	20.27	0.0	47.379	9.789	0.67	61.49
2.23	0.35	62.02	86.58	20.44	0.0	47.379	9.789	0.67	62.02
2.24	0.35	62.56	86.93	20.62	0.0	47.379	9.789	0.67	62.56
2.25	0.35	63.09	87.29	20.79	0.0	47.379	9.789	0.67	63.09
2.26	0.36	64.10	87.64	20.97	0.0	47.379	9.789	0.68	64.10
2.27	0.36	65.11	88.00	21.14	0.0	47.379	9.789	0.68	65.11
2.28	0.36	66.11	88.35	21.32	0.0	47.379	9.789	0.68	66.11
2.29	0.36	67.11	88.71	21.51	0.0	47.379	9.789	0.68	67.11
2.30	0.36	68.10	89.07	21.70	0.0	47.379	9.789	0.68	68.10

2.31	0.36	69.08	89.43	21.88	0.0	47.379	9.789	0.68	69.08
2.32	0.36	70.07	89.78	22.08	0.0	47.379	9.789	0.68	70.07
2.33	0.36	71.05	90.14	22.27	0.0	47.379	9.789	0.68	71.05
2.34	0.36	72.02	90.50	22.47	0.0	47.379	9.789	0.68	72.02
2.35	0.36	72.99	90.86	22.67	0.0	47.379	9.789	0.68	72.99
2.36	0.36	73.96	91.22	22.87	0.0	47.379	9.789	0.68	73.96
2.37	0.36	74.92	91.58	23.07	0.0	47.379	9.789	0.68	74.92
2.38	0.36	75.88	91.94	23.28	0.0	47.379	9.789	0.68	75.88
2.39	0.36	76.83	92.30	23.49	0.0	47.379	9.789	0.69	76.83
2.40	0.36	77.78	92.66	23.70	0.0	47.379	9.789	0.69	77.78
2.41	0.36	78.73	93.02	23.92	0.0	47.379	9.789	0.69	78.73
2.42	0.36	79.67	93.38	24.13	0.0	47.379	9.789	0.69	79.67
2.43	0.36	80.61	93.75	24.35	0.0	47.379	9.789	0.69	80.61
2.44	0.36	81.54	94.11	24.57	0.0	47.379	9.789	0.69	81.54
2.45	0.36	82.48	94.47	24.79	0.0	47.379	9.789	0.69	82.48
2.46	0.36	83.40	94.84	25.02	0.0	47.379	9.789	0.69	83.40
2.47	0.36	84.33	95.20	25.25	0.0	47.379	9.789	0.69	84.33
2.48	0.37	85.25	95.57	25.48	0.0	47.379	9.789	0.69	85.25
2.49	0.37	86.16	95.93	25.71	0.0	47.379	9.789	0.70	86.16
2.50	0.37	87.07	96.30	25.94	0.0	47.379	9.789	0.70	87.07
2.51	0.37	87.98	96.67	26.18	0.0	47.379	9.789	0.70	87.98
2.52	0.37	88.89	97.03	26.41	0.0	47.379	9.789	0.70	88.89
2.53	0.37	89.79	97.40	26.65	0.0	47.379	9.789	0.70	89.79
2.54	0.37	90.69	97.77	26.90	0.0	47.379	9.789	0.70	90.69
2.55	0.37	91.58	98.14	27.14	0.0	47.379	9.789	0.70	91.58
2.56	0.37	92.47	98.51	27.38	0.0	47.379	9.789	0.70	92.47
2.57	0.37	93.36	98.88	27.63	0.0	47.379	9.789	0.71	93.36
2.58	0.37	94.24	99.25	27.88	0.0	47.379	9.789	0.71	94.24
2.59	0.37	95.12	99.63	28.13	0.0	47.379	9.789	0.71	95.12
2.60	0.37	96.00	100.00	28.39	0.0	47.379	9.789	0.71	96.00

RELATIVE WT %	79.31	CLEAN COAL ASH %	9.79	REFUSE ASH %	45.13
HEAD ASH %	28.39	CLEAN COAL YIELD%	47.38	REFUSE YIELD%	52.62
RAW COAL TON.	250.061630	CLEAN COAL TON.	118.476166	REFUSE TON.	131.585464
THEO. YIELD	51.10	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.558	IMPERFECTION	0.024		
NEAR GRAVITY MAT	38.176				
ORGANIC EFFCY.	92.72				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY EQUIPEMENT HMC SG-ASH 10.00 EP 0.087 SG 1.65

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.30 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.98	0.24	0.98	0.24	98.537	0.961	0.242	0.04	0.24
1.25	0.99	0.47	1.96	0.36	98.499	1.933	0.358	0.04	0.47
1.26	1.00	0.70	2.96	0.47	98.461	2.916	0.473	0.04	0.70
1.27	1.01	1.00	3.97	0.61	98.423	3.911	0.607	0.05	1.00
1.28	1.02	1.36	5.00	0.76	98.385	4.918	0.762	0.05	1.36
1.29	1.04	1.73	6.03	0.93	98.347	5.940	0.927	0.05	1.73
1.30	1.05	2.09	7.08	1.10	98.309	6.973	1.099	0.05	2.09
1.31	1.07	2.19	8.16	1.24	98.271	8.027	1.242	0.05	2.19
1.32	1.09	2.29	9.25	1.37	98.232	9.101	1.365	0.06	2.29
1.33	1.11	2.62	10.36	1.50	98.194	10.187	1.499	0.06	2.62
1.34	1.11	3.19	11.47	1.66	98.156	11.277	1.663	0.06	3.19
1.35	1.11	3.76	12.57	1.85	98.117	12.362	1.846	0.06	3.76
1.36	1.06	4.12	13.63	2.02	98.078	13.400	2.022	0.06	4.12
1.37	1.03	4.47	14.66	2.20	98.039	14.413	2.195	0.06	4.47
1.38	1.09	4.79	15.75	2.38	98.000	15.479	2.373	0.06	4.79
1.39	1.22	5.07	16.98	2.57	97.871	16.678	2.567	0.08	5.07
1.40	1.44	5.35	18.42	2.79	97.585	18.087	2.784	0.10	5.35
1.41	2.78	5.35	21.20	3.12	97.177	20.788	3.117	0.23	5.35
1.42	4.13	5.35	25.33	3.49	96.680	24.784	3.476	0.40	5.35
1.43	4.86	5.71	30.20	3.84	96.128	29.461	3.831	0.55	5.71
1.44	3.12	6.43	33.31	4.09	95.557	32.438	4.070	0.40	6.43
1.45	2.80	7.15	36.11	4.32	95.000	35.093	4.303	0.41	7.15
1.46	3.41	7.52	39.52	4.60	94.445	38.317	4.574	0.55	7.52
1.47	3.46	7.89	42.98	4.87	93.796	41.563	4.833	0.62	7.89
1.48	3.35	8.71	46.34	5.14	92.959	44.680	5.104	0.69	8.71
1.49	3.08	9.97	49.42	5.45	91.842	47.513	5.394	0.73	9.97
1.50	2.66	11.23	52.08	5.74	90.351	49.915	5.675	0.75	11.23
1.51	2.14	12.08	54.22	5.99	88.056	51.796	5.907	0.74	12.08
1.52	1.71	12.93	55.92	6.20	85.857	53.261	6.100	0.70	12.93
1.53	1.41	13.71	57.33	6.39	83.441	54.436	6.265	0.68	13.71
1.54	1.24	14.44	58.57	6.56	80.849	55.439	6.413	0.69	14.44
1.55	1.20	15.16	59.78	6.73	78.118	56.381	6.559	0.77	15.16
1.56	1.24	15.64	61.02	6.91	75.287	57.316	6.707	0.89	15.64
1.57	1.24	16.12	62.26	7.10	72.126	58.211	6.852	1.01	16.12
1.58	1.21	16.79	63.47	7.28	69.253	59.048	6.992	1.08	16.79
1.59	1.14	17.67	64.61	7.46	66.379	59.803	7.127	1.11	17.67
1.60	1.03	18.53	65.64	7.64	63.506	60.459	7.251	1.10	18.53
1.61	0.95	18.96	66.59	7.80	60.632	61.034	7.361	1.09	18.96
1.62	0.91	19.38	67.49	7.95	57.759	61.557	7.463	1.11	19.38
1.63	0.86	20.08	68.35	8.11	54.885	62.030	7.560	1.13	20.08
1.64	0.82	21.06	69.17	8.26	52.011	62.456	7.652	1.14	21.06
1.65	0.78	22.03	69.95	8.41	49.138	62.838	7.739	1.15	22.03
1.66	0.75	22.58	70.70	8.56	47.126	63.189	7.822	1.15	22.58
1.67	0.72	23.13	71.41	8.71	44.253	63.506	7.898	1.16	23.13
1.68	0.68	24.00	72.09	8.85	41.379	63.787	7.969	1.16	24.00
1.69	0.63	25.19	72.72	8.99	38.506	64.029	8.034	1.12	25.19
1.70	0.57	26.37	73.29	9.13	35.632	64.232	8.092	1.06	26.37

1.71	0.52	27.31	73.81	9.26	32.759	64.403	8.143	1.02	27.31
1.72	0.50	28.25	74.32	9.39	29.885	64.554	8.190	1.03	28.25
1.73	0.48	29.18	74.80	9.51	27.011	64.684	8.232	1.02	29.18
1.74	0.46	30.11	75.25	9.64	24.138	64.794	8.269	1.01	30.11
1.75	0.43	31.03	75.69	9.76	22.222	64.890	8.303	0.98	31.03
1.76	0.41	31.92	76.09	9.88	19.641	64.970	8.332	0.95	31.92
1.77	0.38	32.79	76.47	9.99	17.266	65.035	8.357	0.91	32.79
1.78	0.35	33.66	76.82	10.10	15.106	65.088	8.377	0.86	33.66
1.79	0.32	34.53	77.14	10.20	13.169	65.129	8.394	0.80	34.53
1.80	0.28	35.39	77.42	10.29	11.464	65.162	8.407	0.73	35.39
1.81	0.26	36.09	77.68	10.38	10.000	65.188	8.418	0.67	36.09
1.82	0.24	36.79	77.92	10.46	8.761	65.209	8.428	0.64	36.79
1.83	0.23	37.48	78.15	10.54	7.718	65.227	8.435	0.62	37.48
1.84	0.22	38.17	78.37	10.62	6.857	65.242	8.442	0.61	38.17
1.85	0.22	38.86	78.59	10.70	6.166	65.256	8.449	0.60	38.86
1.86	0.22	39.91	78.81	10.78	5.631	65.268	8.455	0.61	39.91
1.87	0.23	40.97	79.04	10.87	5.240	65.280	8.461	0.62	40.97
1.88	0.24	42.01	79.28	10.96	4.980	65.292	8.467	0.65	42.01
1.89	0.25	43.05	79.53	11.06	4.788	65.304	8.473	0.69	43.05
1.90	0.27	44.09	79.79	11.17	4.573	65.316	8.480	0.74	44.09
1.91	0.28	44.97	80.07	11.29	4.358	65.328	8.486	0.77	44.97
1.92	0.28	45.84	80.35	11.41	4.143	65.339	8.493	0.77	45.84
1.93	0.28	46.71	80.62	11.53	3.930	65.350	8.499	0.77	46.71
1.94	0.28	47.57	80.90	11.65	3.721	65.361	8.506	0.78	47.57
1.95	0.28	48.43	81.18	11.78	3.516	65.370	8.511	0.78	48.43
1.96	0.28	49.29	81.45	11.90	3.319	65.380	8.517	0.78	49.29
1.97	0.28	50.14	81.73	12.03	3.129	65.388	8.523	0.78	50.14
1.98	0.28	50.99	82.01	12.16	2.948	65.396	8.528	0.78	50.99
1.99	0.28	51.83	82.29	12.30	2.778	65.404	8.533	0.78	51.83
2.00	0.28	52.67	82.56	12.43	2.620	65.411	8.538	0.78	52.67
2.01	0.28	53.50	82.84	12.57	2.476	65.418	8.543	0.79	53.50
2.02	0.28	54.33	83.12	12.71	2.347	65.425	8.547	0.79	54.33
2.03	0.28	55.16	83.40	12.85	2.235	65.431	8.552	0.79	55.16
2.04	0.28	55.98	83.67	12.99	2.141	65.437	8.556	0.79	55.98
2.05	0.28	56.80	83.95	13.14	2.066	65.443	8.560	0.79	56.80
2.06	0.28	57.61	84.23	13.29	2.012	65.448	8.564	0.79	57.61
2.07	0.28	58.42	84.51	13.44	1.964	65.454	8.569	0.79	58.42
2.08	0.28	59.23	84.79	13.59	1.927	65.459	8.573	0.79	59.23
2.09	0.28	60.03	85.06	13.74	1.891	65.464	8.577	0.80	60.03
2.10	0.28	60.83	85.34	13.89	1.854	65.469	8.581	0.80	60.83
2.11	0.28	61.62	85.62	14.05	1.817	65.473	8.585	0.80	61.62
2.12	0.28	62.41	85.90	14.20	1.780	65.480	8.589	0.80	62.41
2.13	0.28	63.20	86.18	14.36	1.743	65.484	8.593	0.80	63.20
2.14	0.28	63.98	86.46	14.52	1.706	65.489	8.597	0.80	63.98
2.15	0.28	64.76	86.74	14.69	1.669	65.494	8.601	0.80	64.76
2.16	0.28	65.54	87.02	14.85	1.633	65.498	8.605	0.80	65.54
2.17	0.28	66.31	87.30	15.02	1.596	65.503	8.609	0.80	66.31
2.18	0.28	67.08	87.59	15.18	1.560	65.507	8.613	0.81	67.08
2.19	0.28	67.85	87.87	15.35	1.523	65.512	8.617	0.81	67.85
2.20	0.28	68.61	88.15	15.52	1.487	65.516	8.621	0.81	68.61
2.21	0.28	69.37	88.43	15.70	1.451	65.520	8.625	0.81	69.37
2.22	0.28	70.12	88.72	15.87	1.415	65.524	8.629	0.81	70.12
2.23	0.28	70.87	89.00	16.05	1.380	65.528	8.632	0.81	70.87
2.24	0.28	71.62	89.29	16.22	1.345	65.532	8.636	0.82	71.62
2.25	0.28	72.37	89.57	16.40	1.311	65.535	8.640	0.82	72.37
2.26	0.29	73.09	89.86	16.58	1.276	65.539	8.643	0.82	73.09
2.27	0.29	73.81	90.14	16.76	1.242	65.543	8.647	0.82	73.81
2.28	0.29	74.53	90.43	16.95	1.209	65.546	8.650	0.82	74.53
2.29	0.29	75.25	90.72	17.13	1.176	65.549	8.654	0.83	75.25
2.30	0.29	75.96	91.00	17.32	1.144	65.553	8.657	0.83	75.96

2.31	.29	76.67	91.29	17.50	1.112	65.556	8.660	.83	76.67
2.32	0.29	77.37	91.58	17.69	1.081	65.559	8.664	0.83	77.37
2.33	0.29	78.08	91.87	17.88	1.050	65.562	8.667	0.83	78.08
2.34	0.29	78.78	92.16	18.07	1.021	65.565	8.670	0.84	78.78
2.35	0.29	79.47	92.45	18.27	0.991	65.568	8.673	0.84	79.47
2.36	0.29	80.17	92.74	18.46	0.971	65.571	8.676	0.84	80.17
2.37	0.29	80.86	93.04	18.66	0.942	65.574	8.679	0.84	80.86
2.38	0.29	81.55	93.33	18.86	0.912	65.576	8.682	0.84	81.55
2.39	0.29	82.23	93.62	19.06	0.883	65.579	8.685	0.85	82.23
2.40	0.29	82.92	93.92	19.26	0.853	65.581	8.688	0.85	82.92
2.41	0.30	83.60	94.21	19.46	0.823	65.584	8.691	0.85	83.60
2.42	0.30	84.27	94.51	19.66	0.794	65.586	8.694	0.85	84.27
2.43	0.30	84.95	94.81	19.87	0.764	65.588	8.696	0.86	84.95
2.44	0.30	85.62	95.10	20.07	0.734	65.591	8.699	0.86	85.62
2.45	0.30	86.29	95.40	20.28	0.704	65.593	8.701	0.86	86.29
2.46	0.30	86.95	95.70	20.49	0.674	65.595	8.704	0.87	86.95
2.47	0.30	87.62	96.00	20.70	0.645	65.597	8.706	0.87	87.62
2.48	0.30	88.28	96.30	20.91	0.615	65.599	8.708	0.87	88.28
2.49	0.30	88.93	96.61	21.12	0.585	65.600	8.710	0.87	88.93
2.50	0.30	89.59	96.91	21.34	0.555	65.602	8.712	0.88	89.59
2.51	0.30	90.24	97.21	21.55	0.526	65.604	8.714	0.88	90.24
2.52	0.31	90.89	97.52	21.77	0.496	65.605	8.716	0.88	90.89
2.53	0.31	91.54	97.83	21.99	0.467	65.607	8.718	0.89	91.54
2.54	0.31	92.18	98.13	22.21	0.437	65.608	8.720	0.89	92.18
2.55	0.31	92.83	98.44	22.43	0.408	65.609	8.722	0.89	92.83
2.56	0.31	93.47	98.75	22.65	0.379	65.610	8.723	0.90	93.47
2.57	0.31	94.10	99.06	22.88	0.350	65.611	8.724	0.90	94.10
2.58	0.31	94.74	99.37	23.10	0.321	65.612	8.726	0.90	94.74
2.59	0.31	95.37	99.69	23.33	0.292	65.613	8.727	0.91	95.37
2.60	0.31	96.00	100.00	23.56	0.264	65.614	8.728	0.91	96.00

RELATIVE WT %	13.30	CLEAN COAL ASH %	8.73	REFUSE ASH %	51.85
HEAD ASH %	23.56	CLEAN COAL YIELD%	65.61	REFUSE YIELD%	34.39
RAW COAL TON.	41.940704	CLEAN COAL TON.	27.518997	REFUSE TON.	14.421707
THEO. YIELD	71.51	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.671	IMPERFECTION	0.053		
NEAR GRAVITY-MAT	14.091				
ORGANIC EFFCY.	91.76				

Yield Table

Blended Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : BLEND SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN TO

MINE PERIOD : PROPERTY

FRACTION SIZE (MM)	10.00 0.60	0.60 0.15	
EQUIPMENT	HMC	HMC	
RELATIVE WEIGHT %	79.31	13.30	92.61
HEAD ASH %	28.39	23.56	27.69
RAW COAL TONNAGE	250.061630	41.940704	292.002197
CLEAN COAL ASH %	9.79	8.73	9.59
CLEAN COAL YIELD	47.38	65.61	50.00
CLEAN COAL TONNAGE	118.476166	27.518997	145.995163
THEORETICAL YIELD	51.10	71.51	
THEO. CUTPOINT	1.558	1.67	
NEAR GRAVITY MATERIAL	38.176	14.091	
ORGANIC EFFICIENCY	92.72	91.76	
ECART PROBABLE MOYEN	0.0364	0.087	
IMPERFECTION	0.024	0.059	
REFUSE ASH	45.13	51.85	45.79
REFUSE YIELD	52.62	34.39	50.00
REFUSE TONNAGE	131.585464	14.421707	146.007172

Washability Data

Individual Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 1 WID: WA1 EQUIPE HMC SG-ASH 10.00 EP 0.036 SG 1.55
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 81.32 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.805	0.0	0.010	0.0	0.01
1.24	0.55	1.17	0.55	1.17	99.810	0.549	1.170	0.00	1.17
1.25	0.55	2.33	1.10	1.75	99.715	1.097	1.750	0.00	2.33
1.26	0.54	3.47	1.64	2.32	99.621	1.635	2.316	0.00	3.47
1.27	0.54	4.61	2.18	2.88	99.526	2.173	2.883	0.01	4.61
1.28	0.53	5.79	2.71	3.44	99.432	2.700	3.439	0.01	5.73
1.29	0.53	6.85	3.24	4.00	99.339	3.226	3.996	0.01	6.85
1.30	0.52	7.96	3.76	4.55	99.245	3.742	4.542	0.01	7.96
1.31	0.52	9.06	4.28	5.09	99.151	4.258	5.089	0.01	9.06
1.32	0.69	9.61	4.97	5.72	99.057	4.941	5.715	0.01	9.61
1.33	0.69	9.61	5.66	6.20	98.962	5.624	6.188	0.02	9.61
1.34	0.68	9.61	6.34	6.56	98.906	6.297	6.553	0.02	9.61
1.35	0.68	9.61	7.02	6.86	98.814	6.969	6.848	0.02	9.61
1.36	0.67	9.61	7.69	7.10	98.722	7.630	7.087	0.02	9.61
1.37	0.67	9.61	8.36	7.30	98.631	8.291	7.288	0.02	9.61
1.38	0.66	9.61	9.02	7.47	98.540	8.941	7.457	0.02	9.61
1.39	0.66	9.61	9.68	7.61	98.449	9.591	7.603	0.02	9.61
1.40	0.65	9.61	10.33	7.74	98.359	10.230	7.728	0.02	9.61
1.41	3.79	9.61	14.12	8.24	98.268	13.955	8.231	0.15	9.61
1.42	4.81	9.61	18.93	8.59	98.176	18.677	8.579	0.20	9.61
1.43	5.54	9.61	24.47	8.82	98.084	24.111	8.812	0.24	9.61
1.44	6.01	9.61	30.48	8.98	97.991	30.000	8.968	0.27	9.61
1.45	6.20	9.61	36.68	9.08	97.429	36.041	9.076	0.36	9.61
1.46	3.34	10.79	40.02	9.23	96.225	39.255	9.216	0.29	10.79
1.47	3.15	11.97	43.17	9.43	94.872	42.243	9.411	0.37	11.97
1.48	2.80	13.13	45.97	9.65	93.462	44.860	9.628	0.41	13.13
1.49	2.30	14.29	48.27	9.87	90.767	46.948	9.835	0.48	14.29
1.50	1.66	15.44	49.93	10.06	85.154	48.361	9.999	0.56	15.44
1.51	1.81	16.54	51.74	10.28	79.060	49.792	10.187	0.86	16.54
1.52	1.74	17.64	53.48	10.52	68.055	50.976	10.360	1.26	17.64
1.53	1.67	18.73	55.15	10.77	61.111	51.997	10.525	1.47	18.73
1.54	1.58	19.82	56.73	11.02	54.166	52.853	10.675	1.64	19.82
1.55	1.48	20.89	58.21	11.27	47.222	53.552	10.808	1.77	20.89
1.56	1.37	21.55	59.58	11.51	43.056	54.142	10.925	1.76	21.55
1.57	1.25	22.19	60.83	11.73	36.111	54.593	11.019	1.81	22.19
1.58	1.12	22.84	61.95	11.93	29.167	54.920	11.089	1.79	22.84
1.59	0.98	23.48	62.93	12.11	22.222	55.137	11.138	1.72	23.48
1.60	0.83	24.12	63.76	12.27	18.703	55.293	11.174	1.53	24.12
1.61	0.76	24.90	64.52	12.42	13.703	55.397	11.200	1.48	24.90
1.62	0.78	25.67	65.30	12.57	10.000	55.475	11.220	1.59	25.67
1.63	0.78	26.44	66.08	12.74	7.431	55.533	11.236	1.63	26.44
1.64	0.77	27.21	66.85	12.91	5.776	55.577	11.249	1.64	27.21
1.65	0.74	27.97	67.59	13.07	4.483	55.610	11.259	1.60	27.97
1.66	0.70	28.35	68.29	13.23	3.966	55.638	11.268	1.52	28.35
1.67	0.64	28.72	68.93	13.37	3.468	55.660	11.275	1.40	28.72
1.68	0.57	29.09	69.50	13.50	3.010	55.677	11.280	1.25	29.09
1.69	0.48	29.46	69.98	13.61	2.612	55.690	11.284	1.06	29.46
1.70	0.37	29.82	70.35	13.69	2.294	55.699	11.287	0.82	29.82

1.71	0.31	30.01	70.66	13.77	2.075	55.705	11.289	0.69	30.01
1.72	0.31	30.20	70.97	13.84	1.976	55.711	11.291	0.69	30.20
1.73	0.31	30.39	71.28	13.91	1.913	55.717	11.293	0.69	30.39
1.74	0.31	30.58	71.59	13.98	1.825	55.723	11.295	0.69	30.58
1.75	0.31	30.76	71.90	14.05	1.737	55.728	11.297	0.69	30.76
1.76	0.31	31.81	72.21	14.13	1.650	55.733	11.299	0.69	31.81
1.77	0.31	32.84	72.52	14.21	1.563	55.738	11.301	0.69	32.84
1.78	0.31	33.87	72.83	14.29	1.477	55.743	11.303	0.69	33.87
1.79	0.31	34.89	73.14	14.38	1.392	55.747	11.305	0.69	34.89
1.80	0.30	35.91	73.44	14.47	1.309	55.751	11.306	0.67	35.91
1.81	0.30	36.63	73.74	14.56	1.228	55.754	11.308	0.67	36.63
1.82	0.30	37.35	74.04	14.65	1.149	55.758	11.310	0.67	37.35
1.83	0.30	38.06	74.34	14.75	1.073	55.761	11.311	0.67	38.06
1.84	0.30	38.77	74.64	14.84	1.000	55.764	11.313	0.67	38.77
1.85	0.30	39.48	74.94	14.94	0.928	55.767	11.314	0.67	39.48
1.86	0.30	39.90	75.24	15.04	0.856	55.770	11.315	0.67	39.90
1.87	0.30	40.33	75.54	15.14	0.783	55.772	11.317	0.67	40.33
1.88	0.30	40.75	75.84	15.24	0.711	55.774	11.318	0.67	40.75
1.89	0.30	41.17	76.14	15.34	0.638	55.776	11.319	0.67	41.17
1.90	0.30	41.59	76.44	15.45	0.566	55.778	11.320	0.67	41.59
1.91	0.31	41.93	76.75	15.55	0.494	55.779	11.321	0.70	41.93
1.92	0.31	42.26	77.06	15.66	0.424	55.780	11.321	0.70	42.26
1.93	0.31	42.60	77.37	15.77	0.354	55.782	11.322	0.70	42.60
1.94	0.32	42.93	77.69	15.88	0.286	55.782	11.322	0.72	42.93
1.95	0.32	43.26	78.01	15.99	0.220	55.783	11.323	0.72	43.26
1.96	0.32	43.72	78.33	16.11	0.156	55.784	11.323	0.72	43.72
1.97	0.32	44.18	78.65	16.22	0.094	55.784	11.323	0.72	44.18
1.98	0.32	44.64	78.97	16.34	0.034	55.784	11.323	0.72	44.64
1.99	0.32	45.10	79.29	16.45	0.0	55.784	11.323	0.72	45.10
2.00	0.31	45.55	79.60	16.57	0.0	55.784	11.323	0.70	45.55
2.01	0.13	45.96	79.73	16.61	0.0	55.784	11.323	0.29	45.96
2.02	0.13	46.37	79.86	16.66	0.0	55.784	11.323	0.29	46.37
2.03	0.13	46.78	79.99	16.71	0.0	55.784	11.323	0.29	46.78
2.04	0.12	47.18	80.11	16.76	0.0	55.784	11.323	0.27	47.18
2.05	0.12	47.58	80.23	16.80	0.0	55.784	11.323	0.27	47.58
2.06	0.47	47.59	80.70	16.98	0.0	55.784	11.323	1.06	47.59
2.07	0.45	47.59	81.15	17.15	0.0	55.784	11.323	1.02	47.59
2.08	0.43	47.59	81.58	17.31	0.0	55.784	11.323	0.97	47.59
2.09	0.40	47.59	81.98	17.46	0.0	55.784	11.323	0.90	47.59
2.10	0.38	47.59	82.36	17.60	0.0	55.784	11.323	0.86	47.59
2.11	0.09	47.59	82.45	17.63	0.0	55.784	11.323	0.20	47.59
2.12	0.09	47.59	82.54	17.66	0.0	55.784	11.323	0.20	47.59
2.13	0.09	47.59	82.63	17.70	0.0	55.784	11.323	0.20	47.59
2.14	0.09	47.59	82.72	17.73	0.0	55.784	11.323	0.20	47.59
2.15	0.09	47.59	82.81	17.76	0.0	55.784	11.323	0.20	47.59
2.16	0.0	48.83	82.81	17.76	0.0	55.784	11.323	0.0	48.83
2.17	0.0	50.06	82.81	17.76	0.0	55.784	11.323	0.0	50.06
2.18	0.0	51.29	82.81	17.76	0.0	55.784	11.323	0.0	51.29
2.19	0.0	52.51	82.81	17.76	0.0	55.784	11.323	0.0	52.51
2.20	0.0	53.72	82.81	17.76	0.0	55.784	11.323	0.0	53.72
2.21	0.09	54.71	82.90	17.80	0.0	55.784	11.323	0.20	54.71
2.22	0.11	55.68	83.01	17.85	0.0	55.784	11.323	0.25	55.68
2.23	0.12	56.66	83.13	17.91	0.0	55.784	11.323	0.27	56.66
2.24	0.13	57.62	83.26	17.97	0.0	55.784	11.323	0.29	57.62
2.25	0.15	58.59	83.41	18.04	0.0	55.784	11.323	0.34	58.59
2.26	0.16	59.91	83.57	18.12	0.0	55.784	11.323	0.36	59.91
2.27	0.18	61.22	83.75	18.22	0.0	55.784	11.323	0.41	61.22
2.28	0.20	62.52	83.95	18.32	0.0	55.784	11.323	0.45	62.52
2.29	0.21	63.82	84.16	18.44	0.0	55.784	11.323	0.47	63.82
2.30	0.23	65.12	84.39	18.56	0.0	55.784	11.323	0.52	65.12

2.31	0.55	65.90	84.94	18.87	0.0	55.784	11.323	1.24	65.90
2.32	0.55	66.69	85.49	19.18	0.0	55.784	11.323	1.24	66.69
2.33	0.55	67.47	86.04	19.48	0.0	55.784	11.323	1.24	67.47
2.34	0.54	68.25	86.58	19.79	0.0	55.784	11.323	1.22	68.25
2.35	0.54	69.02	87.12	20.10	0.0	55.784	11.323	1.22	69.02
2.36	0.54	69.79	87.66	20.40	0.0	55.784	11.323	1.22	69.79
2.37	0.54	70.56	88.20	20.71	0.0	55.784	11.323	1.22	70.56
2.38	0.53	71.32	88.73	21.01	0.0	55.784	11.323	1.20	71.32
2.39	0.53	72.08	89.26	21.31	0.0	55.784	11.323	1.20	72.08
2.40	0.53	72.84	89.79	21.62	0.0	55.784	11.323	1.20	72.84
2.41	0.53	73.60	90.32	21.92	0.0	55.784	11.323	1.20	73.60
2.42	0.53	74.35	90.85	22.23	0.0	55.784	11.323	1.20	74.35
2.43	0.52	75.10	91.37	22.53	0.0	55.784	11.323	1.18	75.10
2.44	0.52	75.84	91.89	22.83	0.0	55.784	11.323	1.18	75.84
2.45	0.52	76.58	92.41	23.13	0.0	55.784	11.323	1.18	76.58
2.46	0.52	77.91	92.93	23.44	0.0	55.784	11.323	1.18	77.91
2.47	0.51	79.24	93.44	23.74	0.0	55.784	11.323	1.15	79.24
2.48	0.51	80.56	93.95	24.05	0.0	55.784	11.323	1.15	80.56
2.49	0.51	81.87	94.46	24.37	0.0	55.784	11.323	1.15	81.87
2.50	0.51	83.18	94.97	24.68	0.0	55.784	11.323	1.15	83.18
2.51	0.51	84.49	95.48	25.00	0.0	55.784	11.323	1.15	84.49
2.52	0.50	85.79	95.98	25.32	0.0	55.784	11.323	1.13	85.79
2.53	0.50	87.08	96.48	25.64	0.0	55.784	11.323	1.13	87.08
2.54	0.50	88.37	96.98	25.96	0.0	55.784	11.323	1.13	88.37
2.55	0.50	89.65	97.48	26.29	0.0	55.784	11.323	1.13	89.65
2.56	0.50	90.93	97.98	26.62	0.0	55.784	11.323	1.13	90.93
2.57	0.49	92.21	98.47	26.94	0.0	55.784	11.323	1.11	92.21
2.58	0.49	93.48	98.96	27.27	0.0	55.784	11.323	1.11	93.48
2.59	0.49	94.74	99.45	27.61	0.0	55.784	11.323	1.11	94.74
2.60	0.49	96.00	99.94	27.94	0.0	55.784	11.323	1.11	96.00

		CLEAN COAL ASH %	11.32	REFUSE ASH %	48.91
HEAD ASH %	27.94	CLEAN COAL YIELD%	55.78	REFUSE YIELD%	44.22
THEO. YIELD	58.49	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.552	IMPERFECTION	0.024		
NEAR GRAVITY MAT	30.370				
ORGANIC EFFCY.	95.37				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 3 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 60.62 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	0.32	0.28	0.32	0.28	99.810	0.319	0.280	0.00	0.28
1.25	0.32	0.56	0.64	0.42	99.715	0.638	0.420	0.00	0.56
1.26	0.31	0.83	0.95	0.55	99.621	0.947	0.554	0.00	0.83
1.27	0.31	1.09	1.26	0.69	99.526	1.256	0.685	0.00	1.09
1.28	0.31	1.36	1.57	0.82	99.432	1.564	0.818	0.00	1.36
1.29	0.31	1.62	1.88	0.95	99.339	1.872	0.950	0.00	1.62
1.30	0.30	1.88	2.18	1.08	99.245	2.170	1.078	0.00	1.88
1.31	0.30	2.14	2.48	1.21	99.151	2.467	1.206	0.01	2.14
1.32	0.30	2.42	2.78	1.34	99.057	2.764	1.336	0.01	2.42
1.33	0.30	2.71	3.08	1.47	98.962	3.061	1.470	0.01	2.71
1.34	0.29	2.99	3.37	1.60	98.906	3.348	1.600	0.01	2.99
1.35	0.29	3.28	3.66	1.74	98.814	3.635	1.732	0.01	3.28
1.36	0.29	3.56	3.95	1.87	98.722	3.921	1.866	0.01	3.56
1.37	0.29	3.84	4.24	2.00	98.631	4.207	2.000	0.01	3.84
1.38	0.29	4.12	4.53	2.14	98.540	4.493	2.135	0.01	4.12
1.39	0.28	4.39	4.81	2.27	98.449	4.768	2.268	0.01	4.39
1.40	0.28	4.67	5.09	2.40	98.359	5.044	2.397	0.01	4.67
1.41	2.91	4.77	8.00	3.26	98.268	7.903	3.255	0.10	4.77
1.42	3.31	4.86	11.31	3.73	98.176	11.153	3.723	0.12	4.86
1.43	3.62	4.96	14.93	4.03	98.084	14.704	4.022	0.14	4.96
1.44	3.82	5.05	18.75	4.24	97.991	18.447	4.230	0.16	5.05
1.45	3.92	5.14	22.67	4.39	97.429	22.266	4.386	0.21	5.14
1.46	3.93	6.29	26.60	4.67	96.225	26.048	4.663	0.30	6.29
1.47	3.83	7.43	30.43	5.02	94.872	29.681	5.001	0.40	7.43
1.48	3.63	8.56	34.06	5.40	93.462	33.074	5.366	0.48	8.56
1.49	3.33	9.69	37.39	5.78	90.767	36.097	5.729	0.63	9.69
1.50	2.92	10.80	40.31	6.14	85.154	38.583	6.055	0.88	10.80
1.51	2.70	11.83	43.01	6.50	79.060	40.718	6.358	1.15	11.83
1.52	2.71	12.85	45.72	6.88	68.055	42.562	6.639	1.76	12.85
1.53	2.68	13.87	48.40	7.26	61.111	44.200	6.907	2.12	13.87
1.54	2.62	14.88	51.02	7.66	54.166	45.619	7.155	2.44	14.88
1.55	2.54	15.88	53.56	8.05	47.222	46.818	7.379	2.73	15.88
1.56	2.43	16.76	55.99	8.42	43.056	47.865	7.564	2.82	16.76
1.57	2.28	17.64	58.27	8.78	36.111	48.688	7.754	2.97	17.64
1.58	2.11	18.51	60.38	9.12	29.167	49.303	7.888	3.04	18.51
1.59	1.90	19.37	62.28	9.44	22.222	49.726	7.986	3.01	19.37
1.60	1.67	20.23	63.95	9.72	18.703	50.038	8.062	2.76	20.23
1.61	1.51	21.20	65.46	9.98	13.703	50.245	8.116	2.65	21.20
1.62	1.44	22.16	66.90	10.25	10.000	50.389	8.156	2.64	22.16
1.63	1.36	23.11	68.26	10.50	7.431	50.490	8.186	2.56	23.11
1.64	1.28	24.05	69.54	10.75	5.776	50.564	8.210	2.45	24.05
1.65	1.18	24.99	70.72	10.99	4.483	50.617	8.227	2.29	24.99
1.66	1.08	25.39	71.80	11.21	3.966	50.660	8.242	2.11	25.39
1.67	0.98	25.78	72.78	11.40	3.468	50.694	8.253	1.93	25.78
1.68	0.86	26.17	73.64	11.57	3.010	50.719	8.263	1.70	26.17
1.69	0.74	26.55	74.38	11.72	2.612	50.739	8.269	1.47	26.55
1.70	0.61	26.94	74.99	11.85	2.294	50.753	8.275	1.21	26.94

1.71	0.55	27.37	75.54	11.96	2.075	50.764	8.279	1.10	27.37
1.72	0.54	27.80	76.08	12.07	1.976	50.775	8.283	1.08	27.80
1.73	0.54	28.23	76.62	12.19	1.913	50.785	8.287	1.08	28.23
1.74	0.53	28.66	77.15	12.30	1.825	50.795	8.291	1.06	28.66
1.75	0.51	29.09	77.66	12.41	1.737	50.804	8.295	1.02	29.09
1.76	0.49	29.78	78.15	12.52	1.650	50.812	8.298	0.98	29.78
1.77	0.47	30.47	78.62	12.63	1.563	50.819	8.301	0.94	30.47
1.78	0.44	31.15	79.06	12.73	1.477	50.826	8.304	0.88	31.15
1.79	0.41	31.84	79.47	12.83	1.392	50.831	8.307	0.82	31.84
1.80	0.37	32.51	79.84	12.92	1.309	50.836	8.309	0.74	32.51
1.81	0.35	33.06	80.19	13.01	1.228	50.840	8.311	0.70	33.06
1.82	0.35	33.60	80.54	13.10	1.149	50.844	8.313	0.70	33.60
1.83	0.35	34.13	80.89	13.19	1.073	50.848	8.315	0.70	34.13
1.84	0.35	34.67	81.24	13.28	1.000	50.852	8.317	0.71	34.67
1.85	0.35	35.20	81.59	13.37	0.928	50.855	8.319	0.71	35.20
1.86	0.34	35.87	81.93	13.47	0.856	50.858	8.320	0.69	35.87
1.87	0.34	36.53	82.27	13.56	0.783	50.861	8.322	0.69	36.53
1.88	0.33	37.19	82.60	13.66	0.711	50.863	8.323	0.67	37.19
1.89	0.32	37.85	82.92	13.75	0.638	50.865	8.324	0.65	37.85
1.90	0.31	38.51	83.23	13.84	0.566	50.867	8.325	0.63	38.51
1.91	0.30	38.95	83.53	13.93	0.494	50.868	8.326	0.61	38.95
1.92	0.29	39.39	83.82	14.02	0.424	50.869	8.327	0.59	39.39
1.93	0.28	39.83	84.10	14.11	0.354	50.870	8.328	0.57	39.83
1.94	0.28	40.27	84.38	14.19	0.286	50.871	8.328	0.57	40.27
1.95	0.27	40.70	84.65	14.28	0.220	50.872	8.328	0.55	40.70
1.96	0.27	41.86	84.92	14.37	0.156	50.872	8.329	0.55	41.86
1.97	0.27	43.01	85.19	14.46	0.094	50.872	8.329	0.55	43.01
1.98	0.28	44.15	85.47	14.55	0.034	50.873	8.329	0.57	44.15
1.99	0.29	45.29	85.76	14.66	0.0	50.873	8.329	0.59	45.29
2.00	0.30	46.43	86.06	14.77	0.0	50.873	8.329	0.61	46.43
2.01	0.33	47.23	86.39	14.89	0.0	50.873	8.329	0.67	47.23
2.02	0.39	48.03	86.78	15.04	0.0	50.873	8.329	0.79	48.03
2.03	0.43	48.82	87.21	15.21	0.0	50.873	8.329	0.88	48.82
2.04	0.45	49.61	87.66	15.38	0.0	50.873	8.329	0.92	49.61
2.05	0.46	50.40	88.12	15.57	0.0	50.873	8.329	0.94	50.40
2.06	0.46	51.45	88.58	15.76	0.0	50.873	8.329	0.94	51.45
2.07	0.44	52.50	89.02	15.94	0.0	50.873	8.329	0.90	52.50
2.08	0.41	53.55	89.43	16.11	0.0	50.873	8.329	0.83	53.55
2.09	0.36	54.59	89.79	16.26	0.0	50.873	8.329	0.73	54.59
2.10	0.30	55.63	90.09	16.39	0.0	50.873	8.329	0.61	55.63
2.11	0.0	56.53	90.09	16.39	0.0	50.873	8.329	0.0	56.53
2.12	0.0	57.42	90.09	16.39	0.0	50.873	8.329	0.0	57.42
2.13	0.0	58.31	90.09	16.39	0.0	50.873	8.329	0.0	58.31
2.14	0.0	59.20	90.09	16.39	0.0	50.873	8.329	0.0	59.20
2.15	0.0	60.09	90.09	16.39	0.0	50.873	8.329	0.0	60.09
2.16	0.01	60.09	90.10	16.40	0.0	50.873	8.329	0.02	60.09
2.17	0.04	60.09	90.14	16.42	0.0	50.873	8.329	0.08	60.09
2.18	0.12	60.09	90.26	16.48	0.0	50.873	8.329	0.24	60.09
2.19	0.25	60.09	90.51	16.60	0.0	50.873	8.329	0.51	60.09
2.20	0.42	60.09	90.93	16.80	0.0	50.873	8.329	0.85	60.09
2.21	0.44	60.09	91.37	17.01	0.0	50.873	8.329	0.90	60.09
2.22	0.46	60.09	91.83	17.22	0.0	50.873	8.329	0.94	60.09
2.23	0.47	60.09	92.30	17.44	0.0	50.873	8.329	0.96	60.09
2.24	0.47	60.09	92.77	17.66	0.0	50.873	8.329	0.96	60.09
2.25	0.47	60.09	93.24	17.87	0.0	50.873	8.329	0.96	60.09
2.26	0.04	60.26	93.28	17.89	0.0	50.873	8.329	0.08	60.26
2.27	0.04	60.42	93.32	17.91	0.0	50.873	8.329	0.08	60.42
2.28	0.03	60.58	93.35	17.92	0.0	50.873	8.329	0.06	60.58
2.29	0.03	60.74	93.38	17.93	0.0	50.873	8.329	0.06	60.74
2.30	0.03	60.90	93.41	17.95	0.0	50.873	8.329	0.06	60.90

2.31	0.31	60.91	93.72	18.09	0.0	50.873	8.329	0.63	60.91
2.32	0.31	60.91	94.03	18.23	0.0	50.873	8.329	0.63	60.91
2.33	0.31	60.91	94.34	18.37	0.0	50.873	8.329	0.63	60.91
2.34	0.31	60.91	94.65	18.51	0.0	50.873	8.329	0.63	60.91
2.35	0.31	60.91	94.96	18.65	0.0	50.873	8.329	0.63	60.91
2.36	0.31	60.91	95.27	18.79	0.0	50.873	8.329	0.63	60.91
2.37	0.30	60.92	95.57	18.92	0.0	50.873	8.329	0.61	60.92
2.38	0.30	60.92	95.87	19.05	0.0	50.873	8.329	0.61	60.92
2.39	0.30	60.92	96.17	19.18	0.0	50.873	8.329	0.61	60.92
2.40	0.30	60.92	96.47	19.31	0.0	50.873	8.329	0.61	60.92
2.41	0.30	60.92	96.77	19.44	0.0	50.873	8.329	0.61	60.92
2.42	0.30	60.92	97.07	19.57	0.0	50.873	8.329	0.61	60.92
2.43	0.30	60.93	97.37	19.69	0.0	50.873	8.329	0.61	60.93
2.44	0.30	60.93	97.67	19.82	0.0	50.873	8.329	0.61	60.93
2.45	0.29	60.93	97.96	19.94	0.0	50.873	8.329	0.59	60.93
2.46	0.14	63.33	98.10	20.00	0.0	50.873	8.329	0.28	63.33
2.47	0.14	65.73	98.24	20.07	0.0	50.873	8.329	0.28	65.73
2.48	0.14	68.11	98.38	20.14	0.0	50.873	8.329	0.28	68.11
2.49	0.14	70.49	98.52	20.21	0.0	50.873	8.329	0.28	70.49
2.50	0.14	72.85	98.66	20.28	0.0	50.873	8.329	0.28	72.85
2.51	0.14	75.21	98.80	20.36	0.0	50.873	8.329	0.28	75.21
2.52	0.13	77.55	98.93	20.44	0.0	50.873	8.329	0.26	77.55
2.53	0.13	79.89	99.06	20.52	0.0	50.873	8.329	0.26	79.89
2.54	0.13	82.22	99.19	20.60	0.0	50.873	8.329	0.26	82.22
2.55	0.13	84.54	99.32	20.68	0.0	50.873	8.329	0.26	84.54
2.56	0.13	86.85	99.45	20.77	0.0	50.873	8.329	0.26	86.85
2.57	0.13	89.15	99.58	20.86	0.0	50.873	8.329	0.26	89.15
2.58	0.13	91.44	99.71	20.95	0.0	50.873	8.329	0.26	91.44
2.59	0.13	93.73	99.84	21.04	0.0	50.873	8.329	0.26	93.73
2.60	0.13	96.00	99.97	21.14	0.0	50.873	8.329	0.26	96.00

		CLEAN COAL ASH %	8.33	REFUSE ASH %	34.41
HEAD ASH %	21.14	CLEAN COAL YIELD%	50.87	REFUSE YIELD%	49.13
THEO. YIELD	55.38	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.558	IMPERFECTION	0.024		
NEAR GRAVITY MAT	45.912				
ORGANIC EFFCY.	91.86				

GCRI = COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC-DDH82001 SID: 7 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 77.03 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	0.26	0.51	0.26	0.51	99.810	0.260	0.510	0.00	0.51
1.25	0.25	1.00	0.51	0.75	99.715	0.509	0.750	0.00	1.00
1.26	0.25	1.49	0.76	0.99	99.621	0.758	0.993	0.00	1.49
1.27	0.26	1.98	1.01	1.24	99.526	1.007	1.237	0.00	1.98
1.28	0.25	2.46	1.26	1.48	99.432	1.255	1.479	0.00	2.46
1.29	0.25	2.94	1.51	1.72	99.339	1.504	1.721	0.00	2.94
1.30	0.24	3.42	1.75	1.95	99.245	1.742	1.953	0.00	3.42
1.31	0.24	3.89	1.99	2.19	99.151	1.980	2.186	0.00	3.89
1.32	0.24	4.25	2.23	2.41	99.057	2.217	2.407	0.00	4.25
1.33	0.24	4.50	2.47	2.61	98.962	2.455	2.610	0.00	4.50
1.34	0.24	4.75	2.71	2.80	98.906	2.692	2.798	0.00	4.75
1.35	0.23	4.99	2.94	2.97	98.814	2.920	2.969	0.01	4.99
1.36	0.23	5.24	3.17	3.14	98.722	3.147	3.133	0.01	5.24
1.37	0.23	5.48	3.40	3.30	98.631	3.374	3.291	0.01	5.48
1.38	0.23	5.72	3.63	3.45	98.540	3.600	3.444	0.01	5.72
1.39	0.23	5.96	3.86	3.60	98.449	3.827	3.592	0.01	5.96
1.40	0.23	6.20	4.09	3.75	98.359	4.053	3.738	0.01	6.20
1.41	2.70	6.31	6.79	4.77	98.268	6.706	4.756	0.09	6.31
1.42	3.15	6.41	9.94	5.29	98.176	9.799	5.278	0.11	6.41
1.43	3.50	6.52	13.44	5.61	98.084	13.232	5.600	0.13	6.52
1.44	3.73	6.63	17.17	5.83	97.991	16.887	5.823	0.14	6.63
1.45	3.84	6.73	21.01	5.99	97.429	20.628	5.987	0.19	6.73
1.46	3.84	7.58	24.85	6.24	96.226	24.323	6.229	0.27	7.58
1.47	3.72	8.42	28.57	6.52	94.872	27.852	6.507	0.36	8.42
1.48	3.49	9.26	32.06	6.82	93.462	31.114	6.796	0.43	9.26
1.49	3.15	10.09	35.21	7.11	90.767	33.973	7.073	0.55	10.09
1.50	2.69	10.92	37.90	7.38	85.154	36.264	7.316	0.75	10.92
1.51	2.44	11.73	40.34	7.65	79.060	38.193	7.539	0.96	11.73
1.52	2.44	12.53	42.78	7.93	68.055	39.853	7.747	1.47	12.53
1.53	2.41	13.33	45.19	8.21	61.111	41.326	7.946	1.76	13.33
1.54	2.35	14.13	47.54	8.51	54.166	42.599	8.131	2.03	14.13
1.55	2.24	14.92	49.78	8.79	47.222	43.657	8.295	2.22	14.92
1.56	2.10	16.23	51.88	9.10	43.056	44.661	8.456	2.25	16.23
1.57	1.92	17.53	53.80	9.40	36.111	45.254	8.595	2.31	17.53
1.58	1.70	18.83	55.50	9.69	28.167	45.750	8.706	2.26	18.83
1.59	1.44	20.11	56.94	9.95	22.222	46.070	8.785	2.11	20.11
1.60	1.14	21.39	58.08	10.17	18.703	46.283	8.843	1.74	21.39
1.61	0.96	22.74	59.04	10.38	13.703	46.415	8.883	1.56	22.74
1.62	0.92	24.09	59.96	10.59	10.000	46.507	8.913	1.56	24.09
1.63	0.87	25.42	60.83	10.80	7.431	46.572	8.936	1.51	25.42
1.64	0.82	26.75	61.65	11.01	5.776	46.619	8.954	1.45	26.75
1.65	0.76	28.07	62.41	11.22	4.483	46.653	8.968	1.37	28.07
1.66	0.70	28.63	63.11	11.41	3.966	46.681	8.979	1.26	28.63
1.67	0.63	29.19	63.74	11.59	3.468	46.703	8.989	1.14	29.19
1.68	0.56	29.74	64.30	11.75	3.010	46.719	8.996	1.02	29.74
1.69	0.48	30.29	64.78	11.88	2.612	46.732	9.002	0.88	30.29
1.70	0.40	30.84	65.18	12.00	2.294	46.741	9.006	0.74	30.84

1.71	0.35	31.46	65.53	12.10	2.075	46.748	9.010	0.64	31.46
1.72	0.35	32.07	65.88	12.21	1.976	46.755	9.013	0.65	32.07
1.73	0.35	32.68	66.23	12.32	1.913	46.762	9.017	0.65	32.68
1.74	0.35	33.28	66.58	12.43	1.825	46.768	9.020	0.65	33.28
1.75	0.35	33.89	66.93	12.54	1.737	46.775	9.023	0.65	33.89
1.76	0.35	34.74	67.28	12.66	1.650	46.780	9.026	0.65	34.74
1.77	0.35	35.58	67.63	12.78	1.563	46.786	9.030	0.65	35.58
1.78	0.35	36.43	67.98	12.90	1.477	46.791	9.033	0.65	36.43
1.79	0.34	37.26	68.32	13.02	1.392	46.796	9.035	0.63	37.26
1.80	0.34	38.10	68.66	13.14	1.309	46.800	9.038	0.63	38.10
1.81	0.34	38.77	69.00	13.27	1.228	46.804	9.041	0.63	38.77
1.82	0.34	39.44	69.34	13.40	1.149	46.808	9.043	0.63	39.44
1.83	0.34	40.10	69.68	13.53	1.073	46.812	9.046	0.63	40.10
1.84	0.34	40.76	70.02	13.66	1.000	46.815	9.048	0.63	40.76
1.85	0.34	41.42	70.36	13.79	0.928	46.818	9.050	0.63	41.42
1.86	0.34	41.97	70.70	13.93	0.856	46.821	9.052	0.63	41.97
1.87	0.34	42.52	71.04	14.07	0.783	46.824	9.054	0.63	42.52
1.88	0.33	43.06	71.37	14.20	0.711	46.826	9.056	0.62	43.06
1.89	0.33	43.60	71.70	14.34	0.638	46.828	9.058	0.62	43.60
1.90	0.32	44.14	72.02	14.47	0.566	46.830	9.059	0.60	44.14
1.91	0.29	44.55	72.31	14.59	0.494	46.832	9.060	0.54	44.55
1.92	0.25	44.96	72.56	14.69	0.424	46.833	9.061	0.47	44.96
1.93	0.21	45.37	72.77	14.78	0.354	46.833	9.061	0.39	45.37
1.94	0.19	45.77	72.96	14.86	0.286	46.834	9.062	0.36	45.77
1.95	0.17	46.18	73.13	14.94	0.220	46.834	9.062	0.32	46.18
1.96	0.16	46.98	73.29	15.01	0.156	46.835	9.062	0.30	46.98
1.97	0.16	47.78	73.45	15.08	0.094	46.835	9.062	0.30	47.78
1.98	0.17	48.58	73.62	15.15	0.034	46.835	9.062	0.32	48.58
1.99	0.18	49.37	73.80	15.24	0.0	46.835	9.062	0.34	49.37
2.00	0.21	50.15	74.01	15.34	0.0	46.835	9.062	0.39	50.15
2.01	0.24	50.76	74.25	15.45	0.0	46.835	9.062	0.45	50.76
2.02	0.27	51.36	74.52	15.58	0.0	46.835	9.062	0.51	51.36
2.03	0.29	51.95	74.81	15.72	0.0	46.835	9.062	0.55	51.95
2.04	0.30	52.54	75.11	15.87	0.0	46.835	9.062	0.56	52.54
2.05	0.30	53.14	75.41	16.02	0.0	46.835	9.062	0.56	53.14
2.06	0.30	53.90	75.71	16.17	0.0	46.835	9.062	0.56	53.90
2.07	0.29	54.66	76.00	16.31	0.0	46.835	9.062	0.55	54.66
2.08	0.27	55.41	76.27	16.45	0.0	46.835	9.062	0.51	55.41
2.09	0.25	56.16	76.52	16.58	0.0	46.835	9.062	0.47	56.16
2.10	0.21	56.91	76.73	16.69	0.0	46.835	9.062	0.39	56.91
2.11	0.03	57.66	76.76	16.71	0.0	46.835	9.062	0.06	57.66
2.12	0.03	58.41	76.79	16.73	0.0	46.835	9.062	0.06	58.41
2.13	0.03	59.15	76.82	16.74	0.0	46.835	9.062	0.06	59.15
2.14	0.03	59.90	76.85	16.76	0.0	46.835	9.062	0.06	59.90
2.15	0.03	60.63	76.88	16.78	0.0	46.835	9.062	0.06	60.63
2.16	0.06	60.63	76.94	16.81	0.0	46.835	9.062	0.11	60.63
2.17	0.06	60.63	77.00	16.84	0.0	46.835	9.062	0.11	60.63
2.18	0.06	60.64	77.06	16.88	0.0	46.835	9.062	0.11	60.64
2.19	0.06	60.64	77.12	16.91	0.0	46.835	9.062	0.11	60.64
2.20	0.06	60.64	77.18	16.95	0.0	46.835	9.062	0.11	60.64
2.21	0.21	60.64	77.39	17.07	0.0	46.835	9.062	0.39	60.64
2.22	0.26	60.64	77.65	17.21	0.0	46.835	9.062	0.49	60.64
2.23	0.30	60.64	77.95	17.38	0.0	46.835	9.062	0.56	60.64
2.24	0.34	60.64	78.29	17.57	0.0	46.835	9.062	0.64	60.64
2.25	0.39	60.64	78.68	17.78	0.0	46.835	9.062	0.73	60.64
2.26	0.07	61.38	78.75	17.82	0.0	46.835	9.062	0.13	61.38
2.27	0.08	62.11	78.83	17.86	0.0	46.835	9.062	0.15	62.11
2.28	0.09	62.84	78.92	17.91	0.0	46.835	9.062	0.17	62.84
2.29	0.09	63.56	79.01	17.97	0.0	46.835	9.062	0.17	63.56
2.30	0.10	64.28	79.11	18.02	0.0	46.835	9.062	0.19	64.28

2.31	0.74	65.03	79.85	18.46	0.0	46.835	9.062	1.39	65.03
2.32	0.74	65.77	80.59	18.90	0.0	46.835	9.062	1.39	65.77
2.33	0.73	66.51	81.32	19.32	0.0	46.835	9.062	1.37	66.51
2.34	0.73	67.25	82.05	19.75	0.0	46.835	9.062	1.37	67.25
2.35	0.73	67.98	82.78	20.17	0.0	46.835	9.062	1.37	67.98
2.36	0.72	68.71	83.50	20.59	0.0	46.835	9.062	1.35	68.71
2.37	0.72	69.44	84.22	21.01	0.0	46.835	9.062	1.35	69.44
2.38	0.72	70.16	84.94	21.43	0.0	46.835	9.062	1.35	70.16
2.39	0.71	70.88	85.65	21.84	0.0	46.835	9.062	1.34	70.88
2.40	0.71	71.60	86.36	22.25	0.0	46.835	9.062	1.34	71.60
2.41	0.71	72.32	87.07	22.65	0.0	46.835	9.062	1.34	72.32
2.42	0.71	73.03	87.78	23.06	0.0	46.835	9.062	1.34	73.03
2.43	0.70	73.74	88.48	23.46	0.0	46.835	9.062	1.32	73.74
2.44	0.70	74.44	89.18	23.86	0.0	46.835	9.062	1.32	74.44
2.45	0.70	75.15	89.88	24.26	0.0	46.835	9.062	1.32	75.15
2.46	0.69	76.58	90.57	24.66	0.0	46.835	9.062	1.30	76.58
2.47	0.69	78.00	91.26	25.06	0.0	46.835	9.062	1.30	78.00
2.48	0.69	79.42	91.95	25.47	0.0	46.835	9.062	1.30	79.42
2.49	0.69	80.83	92.64	25.88	0.0	46.835	9.062	1.30	80.83
2.50	0.68	82.24	93.32	26.29	0.0	46.835	9.062	1.28	82.24
2.51	0.68	83.64	94.00	26.71	0.0	46.835	9.062	1.28	83.64
2.52	0.68	85.03	94.68	27.13	0.0	46.835	9.062	1.28	85.03
2.53	0.68	86.42	95.36	27.55	0.0	46.835	9.062	1.28	86.42
2.54	0.67	87.81	96.03	27.97	0.0	46.835	9.062	1.26	87.81
2.55	0.67	89.19	96.70	28.40	0.0	46.835	9.062	1.26	89.19
2.56	0.67	90.56	97.37	28.82	0.0	46.835	9.062	1.26	90.56
2.57	0.66	91.93	98.03	29.25	0.0	46.835	9.062	1.24	91.93
2.58	0.66	93.29	98.69	29.68	0.0	46.835	9.062	1.24	93.29
2.59	0.66	94.65	99.35	30.11	0.0	46.835	9.062	1.24	94.65
2.60	0.66	96.00	100.01	30.54	0.0	46.835	9.062	1.24	96.00

		CLEAN COAL ASH %	9.06	REFUSE ASH %	49.47
HEAD ASH %	30.54	CLEAN COAL YIELD%	46.83	REFUSE YIELD%	53.17
THEO. YIELD	51.65	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.559	IMPERFECTION	0.024		
NEAR GRAVITY MAT	38.604				
ORGANIC EFFCY.	90.68				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 12 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 59.97 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	0.29	0.36	0.29	0.36	99.810	0.289	0.360	0.00	0.36
1.25	0.28	0.71	0.57	0.53	99.715	0.569	0.532	0.00	0.71
1.26	0.28	1.06	0.85	0.71	99.621	0.848	0.706	0.00	1.06
1.27	0.28	1.41	1.13	0.88	99.526	1.126	0.880	0.00	1.41
1.28	0.28	1.75	1.41	1.05	99.432	1.405	1.052	0.00	1.75
1.29	0.28	2.09	1.69	1.22	99.339	1.683	1.224	0.00	2.09
1.30	0.27	2.43	1.96	1.39	99.245	1.951	1.390	0.00	2.43
1.31	0.27	2.76	2.23	1.56	99.151	2.218	1.555	0.00	2.76
1.32	0.27	3.14	2.50	1.73	99.057	2.486	1.725	0.00	3.14
1.33	0.27	3.56	2.77	1.91	98.962	2.753	1.904	0.00	3.56
1.34	0.27	3.99	3.04	2.09	98.906	3.020	2.088	0.00	3.99
1.35	0.26	4.40	3.30	2.27	98.814	3.277	2.269	0.00	4.40
1.36	0.26	4.82	3.56	2.46	98.722	3.534	2.455	0.01	4.82
1.37	0.26	5.23	3.82	2.65	98.631	3.790	2.642	0.01	5.23
1.38	0.26	5.64	4.08	2.84	98.540	4.046	2.832	0.01	5.64
1.39	0.26	6.04	4.34	3.03	98.449	4.302	3.023	0.01	6.04
1.40	0.25	6.45	4.59	3.22	98.359	4.548	3.208	0.01	6.45
1.41	2.10	6.80	6.69	4.34	98.268	6.612	4.329	0.06	6.80
1.42	2.40	7.15	9.09	5.08	98.176	8.968	5.070	0.07	7.15
1.43	2.63	7.50	11.72	5.63	98.084	11.548	5.613	0.08	7.50
1.44	2.77	7.85	14.49	6.05	97.991	14.262	6.039	0.09	7.85
1.45	2.83	8.20	17.32	6.40	97.429	17.019	6.389	0.12	8.20
1.46	2.82	9.07	20.14	6.78	96.225	19.733	6.758	0.17	9.07
1.47	2.72	9.94	22.86	7.15	94.872	22.313	7.126	0.22	9.94
1.48	2.55	10.81	25.41	7.52	93.462	24.697	7.481	0.27	10.81
1.49	2.29	11.66	27.70	7.86	90.767	26.775	7.806	0.34	11.66
1.50	1.96	12.62	29.66	8.17	85.154	28.444	8.082	0.47	12.52
1.51	1.76	13.15	31.42	8.45	79.060	29.836	8.319	0.59	13.15
1.52	1.75	13.77	33.17	8.73	68.055	31.027	8.528	0.89	13.77
1.53	1.74	14.39	34.91	9.01	61.111	32.090	8.722	1.08	14.39
1.54	1.74	15.01	36.65	9.30	54.166	33.032	8.901	1.28	15.01
1.55	1.73	15.62	38.38	9.58	47.222	33.849	9.064	1.46	15.62
1.56	1.72	16.42	40.10	9.87	43.056	34.590	9.221	1.67	16.42
1.57	1.71	17.22	41.81	10.17	36.111	35.207	9.361	1.75	17.22
1.58	1.70	18.01	43.51	10.46	29.167	35.703	9.482	1.93	18.01
1.59	1.69	18.79	45.20	10.79	22.222	36.079	9.578	2.10	18.79
1.60	1.68	19.57	46.88	11.11	18.703	36.393	9.665	2.18	19.57
1.61	1.70	19.96	48.58	11.42	13.703	36.626	9.730	2.35	19.96
1.62	1.75	20.35	50.33	11.73	10.000	36.801	9.781	2.52	20.35
1.63	1.78	20.74	52.11	12.03	7.431	36.933	9.820	2.63	20.74
1.64	1.77	21.12	53.88	12.33	5.776	37.036	9.851	2.67	21.12
1.65	1.74	21.50	55.62	12.62	4.483	37.114	9.876	2.66	21.50
1.66	1.68	23.02	57.30	12.92	3.966	37.180	9.899	2.58	23.02
1.67	1.59	24.54	58.89	13.24	3.468	37.235	9.921	2.45	24.54
1.68	1.47	26.04	60.36	13.55	3.010	37.280	9.940	2.28	26.04
1.69	1.33	27.54	61.69	13.85	2.612	37.314	9.956	2.07	27.54
1.70	1.16	29.03	62.85	14.13	2.294	37.341	9.970	1.81	29.03

1.71	0.89	30.77	63.74	14.36	2.075	37.359	9.980	1.39	30.77
1.72	0.71	32.49	64.45	14.56	1.976	37.373	9.989	1.11	32.49
1.73	0.56	34.21	65.01	14.73	1.913	37.384	9.996	0.88	34.21
1.74	0.44	35.92	65.45	14.88	1.825	37.392	10.001	0.69	35.92
1.75	0.34	37.62	65.79	14.99	1.737	37.398	10.006	0.53	37.62
1.76	0.35	37.62	66.14	15.11	1.650	37.404	10.010	0.55	37.62
1.77	0.29	37.62	66.43	15.21	1.563	37.408	10.013	0.46	37.62
1.78	0.27	37.62	66.70	15.30	1.477	37.412	10.016	0.43	37.62
1.79	0.28	37.62	66.98	15.39	1.392	37.416	10.019	0.44	37.62
1.80	0.33	37.62	67.31	15.50	1.309	37.421	10.022	0.52	37.62
1.81	0.31	38.01	67.62	15.61	1.228	37.424	10.025	0.49	38.01
1.82	0.31	38.40	67.93	15.71	1.149	37.428	10.028	0.49	38.40
1.83	0.31	38.79	68.24	15.82	1.073	37.431	10.030	0.49	38.79
1.84	0.31	39.18	68.55	15.92	1.000	37.434	10.033	0.49	39.18
1.85	0.31	39.57	68.86	16.03	0.928	37.437	10.035	0.49	39.57
1.86	0.31	39.99	69.17	16.14	0.856	37.440	10.037	0.49	39.99
1.87	0.30	40.40	69.47	16.24	0.783	37.442	10.039	0.48	40.40
1.88	0.30	40.82	69.77	16.35	0.711	37.444	10.041	0.48	40.82
1.89	0.29	41.23	70.06	16.45	0.638	37.446	10.042	0.46	41.23
1.90	0.28	41.64	70.34	16.55	0.566	37.448	10.044	0.45	41.64
1.91	0.28	41.95	70.62	16.65	0.494	37.449	10.045	0.45	41.95
1.92	0.28	42.26	70.90	16.75	0.424	37.450	10.046	0.45	42.26
1.93	0.28	42.57	71.18	16.85	0.354	37.451	10.047	0.45	42.57
1.94	0.28	42.88	71.46	16.95	0.286	37.452	10.047	0.45	42.88
1.95	0.28	43.18	71.74	17.06	0.220	37.453	10.048	0.45	43.18
1.96	0.28	43.60	72.02	17.16	0.156	37.453	10.048	0.45	43.60
1.97	0.28	44.01	72.30	17.26	0.094	37.453	10.049	0.45	44.01
1.98	0.28	44.43	72.58	17.37	0.034	37.454	10.049	0.45	44.43
1.99	0.28	44.84	72.86	17.47	0.0	37.454	10.049	0.45	44.84
2.00	0.28	45.24	73.14	17.58	0.0	37.454	10.049	0.45	45.24
2.01	0.28	45.61	73.42	17.69	0.0	37.454	10.049	0.45	45.61
2.02	0.28	45.96	73.70	17.80	0.0	37.454	10.049	0.45	45.96
2.03	0.28	46.32	73.98	17.90	0.0	37.454	10.049	0.45	46.32
2.04	0.28	46.68	74.26	18.01	0.0	37.454	10.049	0.45	46.68
2.05	0.28	47.03	74.54	18.12	0.0	37.454	10.049	0.45	47.03
2.06	0.28	47.19	74.82	18.23	0.0	37.454	10.049	0.45	47.19
2.07	0.28	47.34	75.10	18.34	0.0	37.454	10.049	0.45	47.34
2.08	0.28	47.49	75.38	18.45	0.0	37.454	10.049	0.45	47.49
2.09	0.28	47.64	75.66	18.55	0.0	37.454	10.049	0.45	47.64
2.10	0.28	47.79	75.94	18.66	0.0	37.454	10.049	0.45	47.79
2.11	0.05	47.79	75.99	18.68	0.0	37.454	10.049	0.08	47.79
2.12	0.05	47.79	76.04	18.70	0.0	37.454	10.049	0.08	47.79
2.13	0.05	47.79	76.09	18.72	0.0	37.454	10.049	0.08	47.79
2.14	0.05	47.79	76.14	18.74	0.0	37.454	10.049	0.08	47.79
2.15	0.05	47.79	76.19	18.76	0.0	37.454	10.049	0.08	47.79
2.16	0.05	48.30	76.24	18.78	0.0	37.454	10.049	0.08	48.30
2.17	0.05	48.81	76.29	18.80	0.0	37.454	10.049	0.08	48.81
2.18	0.05	49.31	76.34	18.82	0.0	37.454	10.049	0.08	49.31
2.19	0.05	49.81	76.39	18.84	0.0	37.454	10.049	0.08	49.81
2.20	0.05	50.31	76.44	18.86	0.0	37.454	10.049	0.08	50.31
2.21	0.13	50.45	76.57	18.91	0.0	37.454	10.049	0.21	50.45
2.22	0.16	50.60	76.73	18.98	0.0	37.454	10.049	0.26	50.60
2.23	0.18	50.74	76.91	19.05	0.0	37.454	10.049	0.29	50.74
2.24	0.21	50.89	77.12	19.14	0.0	37.454	10.049	0.34	50.89
2.25	0.23	51.03	77.35	19.23	0.0	37.454	10.049	0.37	51.03
2.26	0.26	51.86	77.61	19.34	0.0	37.454	10.049	0.42	51.86
2.27	0.29	52.69	77.90	19.47	0.0	37.454	10.049	0.46	52.69
2.28	0.32	53.52	78.22	19.61	0.0	37.454	10.049	0.51	53.52
2.29	0.35	54.34	78.57	19.76	0.0	37.454	10.049	0.56	54.34
2.30	0.38	55.16	78.95	19.93	0.0	37.454	10.049	0.61	55.16

2.31	0.75	55.23	79.70	20.26	0.0	37.454	10.049	1.20	55.23
2.32	0.74	55.31	80.44	20.59	0.0	37.454	10.049	1.18	55.31
2.33	0.74	55.38	81.18	20.90	0.0	37.454	10.049	1.18	55.38
2.34	0.74	55.45	81.92	21.21	0.0	37.454	10.049	1.18	55.45
2.35	0.73	55.52	82.65	21.52	0.0	37.454	10.049	1.17	55.52
2.36	0.73	55.60	83.38	21.82	0.0	37.454	10.049	1.17	55.60
2.37	0.73	55.67	84.11	22.11	0.0	37.454	10.049	1.17	55.67
2.38	0.73	55.74	84.84	22.40	0.0	37.454	10.049	1.17	55.74
2.39	0.72	55.81	85.56	22.68	0.0	37.454	10.049	1.15	55.81
2.40	0.72	55.88	86.28	22.96	0.0	37.454	10.049	1.15	55.88
2.41	0.72	55.95	87.00	23.23	0.0	37.454	10.049	1.15	55.95
2.42	0.71	56.02	87.71	23.50	0.0	37.454	10.049	1.14	56.02
2.43	0.71	56.09	88.42	23.76	0.0	37.454	10.049	1.14	56.09
2.44	0.71	56.16	89.13	24.02	0.0	37.454	10.049	1.14	56.16
2.45	0.70	56.23	89.83	24.27	0.0	37.454	10.049	1.12	56.23
2.46	0.70	58.96	90.53	24.54	0.0	37.454	10.049	1.12	58.96
2.47	0.70	61.67	91.23	24.82	0.0	37.454	10.049	1.12	61.67
2.48	0.70	64.38	91.93	25.12	0.0	37.454	10.049	1.12	64.38
2.49	0.69	67.07	92.62	25.43	0.0	37.454	10.049	1.10	67.07
2.50	0.69	69.75	93.31	25.76	0.0	37.454	10.049	1.10	69.75
2.51	0.69	72.42	94.00	26.10	0.0	37.454	10.049	1.10	72.42
2.52	0.69	75.09	94.69	26.46	0.0	37.454	10.049	1.10	75.09
2.53	0.68	77.74	95.37	26.83	0.0	37.454	10.049	1.09	77.74
2.54	0.68	80.38	96.05	27.21	0.0	37.454	10.049	1.09	80.38
2.55	0.68	83.01	96.73	27.60	0.0	37.454	10.049	1.09	83.01
2.56	0.67	85.62	97.40	28.00	0.0	37.454	10.049	1.07	85.62
2.57	0.67	88.23	98.07	28.41	0.0	37.454	10.049	1.07	88.23
2.58	0.67	90.83	98.74	28.83	0.0	37.454	10.049	1.07	90.83
2.59	0.67	93.42	99.41	29.27	0.0	37.454	10.049	1.07	93.42
2.60	0.66	96.00	100.07	29.71	0.0	37.454	10.049	1.06	96.00

		CLEAN COAL ASH %	10.05	REFUSE ASH %	41.48
HEAD ASH %	29.71	CLEAN COAL YIELD%	37.45	REFUSE YIELD%	62.55
THEO. YIELD	41.09	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.566	IMPERFECTION	0.024		
NEAR GRAVITY MAT	36.504				
ORGANIC EFFCY.	91.15				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 17 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.70 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	0.44	0.42	0.44	0.42	99.810	0.439	0.420	0.00	0.42
1.25	0.43	0.83	0.87	0.62	99.715	0.868	0.623	0.00	0.83
1.26	0.43	1.23	1.30	0.82	99.621	1.296	0.823	0.00	1.23
1.27	0.43	1.63	1.73	1.02	99.526	1.724	1.024	0.00	1.63
1.28	0.42	2.03	2.15	1.22	99.432	2.142	1.220	0.00	2.03
1.29	0.42	2.43	2.57	1.42	99.339	2.559	1.417	0.00	2.43
1.30	0.42	2.82	2.99	1.62	99.245	2.976	1.614	0.01	2.82
1.31	0.41	3.21	3.40	1.81	99.151	3.382	1.805	0.01	3.21
1.32	0.41	3.65	3.81	2.01	99.057	3.789	2.003	0.01	3.65
1.33	0.41	4.15	4.22	2.21	88.962	4.194	2.211	0.01	4.15
1.34	0.40	4.64	4.62	2.42	98.906	4.590	2.420	0.01	4.64
1.35	0.40	5.13	5.02	2.64	98.814	4.985	2.635	0.01	5.13
1.36	0.40	5.62	5.42	2.86	98.722	5.380	2.854	0.01	5.62
1.37	0.40	6.10	5.82	3.08	98.631	5.775	3.076	0.01	6.10
1.38	0.39	6.58	6.21	3.30	98.540	6.159	3.295	0.01	6.58
1.39	0.39	7.06	6.60	3.52	98.449	6.543	3.516	0.01	7.06
1.40	0.39	7.53	6.99	3.75	98.359	6.926	3.738	0.01	7.53
1.41	2.39	7.69	9.38	4.75	98.268	9.275	4.739	0.07	7.69
1.42	2.58	7.85	11.96	5.42	98.176	11.808	5.406	0.08	7.85
1.43	2.73	8.01	14.69	5.90	98.084	14.486	5.887	0.09	8.01
1.44	2.83	8.17	17.52	6.27	97.991	17.259	6.254	0.10	8.17
1.45	2.88	8.33	20.40	6.56	97.429	20.065	6.544	0.13	8.33
1.46	2.88	9.58	23.28	6.93	96.225	22.836	6.919	0.19	9.58
1.47	2.84	10.81	26.12	7.35	94.872	25.530	7.324	0.26	10.81
1.48	2.75	12.04	28.87	7.80	93.462	28.101	7.755	0.32	12.04
1.49	2.61	13.26	31.48	8.25	90.767	30.470	8.183	0.43	13.26
1.50	2.42	14.47	33.90	8.70	85.154	32.530	8.582	0.64	14.47
1.51	2.32	15.55	36.22	9.14	79.060	34.365	8.954	0.87	15.55
1.52	2.32	16.62	38.54	9.59	68.055	35.943	9.290	1.32	16.62
1.53	2.31	17.69	40.85	10.04	61.111	37.355	9.608	1.60	17.69
1.54	2.29	18.74	43.14	10.51	54.166	38.596	9.901	1.87	18.74
1.55	2.26	19.79	45.40	10.97	47.222	39.663	10.167	2.12	19.79
1.56	2.21	20.53	47.61	11.41	43.056	40.614	10.410	2.24	20.53
1.57	2.16	21.27	49.77	11.84	36.111	41.394	10.615	2.46	21.27
1.58	2.09	22.00	51.86	12.25	29.167	42.004	10.780	2.64	22.00
1.59	2.01	22.73	53.87	12.64	22.222	42.451	10.906	2.78	22.73
1.60	1.92	23.45	55.79	13.01	18.703	42.810	11.011	2.78	23.45
1.61	1.82	24.11	57.61	13.36	13.703	43.059	11.087	2.80	24.11
1.62	1.72	24.78	59.33	13.69	10.000	43.231	11.141	2.76	24.78
1.63	1.63	25.43	60.96	14.01	7.431	43.352	11.181	2.69	25.43
1.64	1.54	26.09	62.50	14.31	5.776	43.441	11.212	2.58	26.09
1.65	1.45	26.74	63.95	14.59	4.483	43.506	11.235	2.47	26.74
1.66	1.37	27.82	65.32	14.87	3.966	43.560	11.256	2.34	27.82
1.67	1.28	28.89	66.60	15.13	3.468	43.605	11.274	2.20	28.89
1.68	1.20	29.96	67.80	15.40	3.010	43.641	11.289	2.07	29.96
1.69	1.12	31.02	68.92	15.65	2.612	43.670	11.302	1.94	31.02
1.70	1.04	32.07	69.96	15.90	2.294	43.694	11.314	1.81	32.07

1.71	1.00	33.17	70.96	16.14	2.075	43.715	11.324	1.74	33.17
1.72	0.97	34.25	71.93	16.38	1.976	43.734	11.334	1.69	34.25
1.73	0.93	35.34	72.86	16.62	1.913	43.752	11.344	1.62	35.34
1.74	0.88	36.41	73.74	16.86	1.825	43.768	11.353	1.54	36.41
1.75	0.82	37.48	74.56	17.09	1.737	43.782	11.362	1.43	37.48
1.76	0.73	37.91	75.29	17.29	1.650	43.794	11.369	1.28	37.91
1.77	0.64	38.33	75.93	17.47	1.563	43.804	11.375	1.12	38.33
1.78	0.53	38.75	76.46	17.61	1.477	43.812	11.380	0.93	38.75
1.79	0.41	39.17	76.87	17.73	1.392	43.818	11.384	0.72	39.17
1.80	0.27	39.59	77.14	17.81	1.309	43.821	11.386	0.47	39.59
1.81	0.20	40.10	77.34	17.86	1.228	43.824	11.387	0.35	40.10
1.82	0.19	40.60	77.53	17.92	1.149	43.826	11.389	0.33	40.60
1.83	0.19	41.10	77.72	17.98	1.073	43.828	11.390	0.33	41.10
1.84	0.18	41.60	77.90	18.03	1.000	43.830	11.392	0.32	41.60
1.85	0.18	42.09	78.08	18.09	0.928	43.831	11.393	0.32	42.09
1.86	0.18	42.84	78.26	18.14	0.856	43.833	11.394	0.32	42.84
1.87	0.18	43.59	78.44	18.20	0.783	43.834	11.395	0.32	43.59
1.88	0.19	44.34	78.63	18.26	0.711	43.836	11.396	0.34	44.34
1.89	0.19	45.08	78.82	18.33	0.638	43.837	11.397	0.34	45.08
1.90	0.20	45.82	79.02	18.40	0.566	43.838	11.398	0.35	45.82
1.91	0.20	46.28	79.22	18.47	0.494	43.839	11.399	0.35	46.28
1.92	0.20	46.73	79.42	18.54	0.424	43.840	11.399	0.35	46.73
1.93	0.20	47.18	79.62	18.61	0.354	43.841	11.400	0.35	47.18
1.94	0.20	47.63	79.82	18.68	0.286	43.841	11.400	0.36	47.63
1.95	0.20	48.08	80.02	18.76	0.220	43.842	11.401	0.36	48.08
1.96	0.20	48.95	80.22	18.83	0.156	43.842	11.401	0.36	48.95
1.97	0.20	49.81	80.42	18.91	0.094	43.842	11.401	0.36	49.81
1.98	0.20	50.66	80.62	18.99	0.034	43.842	11.401	0.36	50.66
1.99	0.21	51.52	80.83	19.07	0.0	43.842	11.401	0.37	51.52
2.00	0.21	52.36	81.04	19.16	0.0	43.842	11.401	0.37	52.36
2.01	0.24	52.98	81.28	19.26	0.0	43.842	11.401	0.43	52.98
2.02	0.28	53.60	81.56	19.38	0.0	43.842	11.401	0.50	53.60
2.03	0.31	54.22	81.87	19.51	0.0	43.842	11.401	0.55	54.22
2.04	0.34	54.83	82.21	19.66	0.0	43.842	11.401	0.61	54.83
2.05	0.35	55.44	82.56	19.81	0.0	43.842	11.401	0.62	55.44
2.06	0.35	55.94	82.91	19.96	0.0	43.842	11.401	0.62	55.94
2.07	0.34	56.43	83.25	20.11	0.0	43.842	11.401	0.61	56.43
2.08	0.32	56.92	83.57	20.25	0.0	43.842	11.401	0.57	56.92
2.09	0.28	57.40	83.85	20.37	0.0	43.842	11.401	0.50	57.40
2.10	0.24	57.89	84.09	20.48	0.0	43.842	11.401	0.43	57.89
2.11	0.18	58.33	84.27	20.56	0.0	43.842	11.401	0.32	58.33
2.12	0.12	58.76	84.39	20.62	0.0	43.842	11.401	0.21	58.76
2.13	0.07	59.19	84.46	20.65	0.0	43.842	11.401	0.12	59.19
2.14	0.03	59.62	84.49	20.66	0.0	43.842	11.401	0.05	59.62
2.15	0.01	60.05	84.50	20.67	0.0	43.842	11.401	0.02	60.05
2.16	0.01	60.53	84.51	20.67	0.0	43.842	11.401	0.02	60.53
2.17	0.02	61.00	84.53	20.68	0.0	43.842	11.401	0.04	61.00
2.18	0.04	61.48	84.57	20.70	0.0	43.842	11.401	0.07	61.48
2.19	0.08	61.95	84.65	20.74	0.0	43.842	11.401	0.14	61.95
2.20	0.13	62.42	84.78	20.80	0.0	43.842	11.401	0.23	62.42
2.21	0.16	62.67	84.94	20.88	0.0	43.842	11.401	0.28	62.67
2.22	0.18	62.93	85.12	20.97	0.0	43.842	11.401	0.32	62.93
2.23	0.19	63.18	85.31	21.06	0.0	43.842	11.401	0.34	63.18
2.24	0.21	63.43	85.52	21.17	0.0	43.842	11.401	0.37	63.43
2.25	0.22	63.69	85.74	21.28	0.0	43.842	11.401	0.39	63.69
2.26	0.24	64.41	85.98	21.40	0.0	43.842	11.401	0.43	64.41
2.27	0.26	65.12	86.24	21.53	0.0	43.842	11.401	0.46	65.12
2.28	0.27	65.84	86.51	21.67	0.0	43.842	11.401	0.48	65.84
2.29	0.29	66.55	86.80	21.82	0.0	43.842	11.401	0.52	66.55
2.30	0.31	67.26	87.11	21.98	0.0	43.842	11.401	0.55	67.26

2.31	0.46	67.36	87.57	22.22	0.0	43.842	11.401	0.82	67.36
2.32	0.45	67.47	88.02	22.45	0.0	43.842	11.401	0.80	67.47
2.33	0.45	67.58	88.47	22.68	0.0	43.842	11.401	0.80	67.58
2.34	0.45	67.69	88.92	22.91	0.0	43.842	11.401	0.80	67.69
2.35	0.45	67.79	89.37	23.13	0.0	43.842	11.401	0.80	67.79
2.36	0.45	67.90	89.82	23.36	0.0	43.842	11.401	0.80	67.90
2.37	0.44	68.00	90.26	23.58	0.0	43.842	11.401	0.78	68.00
2.38	0.44	68.11	90.70	23.79	0.0	43.842	11.401	0.78	68.11
2.39	0.44	68.21	91.14	24.01	0.0	43.842	11.401	0.78	68.21
2.40	0.44	68.32	91.58	24.22	0.0	43.842	11.401	0.78	68.32
2.41	0.44	68.42	92.02	24.43	0.0	43.842	11.401	0.78	68.42
2.42	0.44	68.52	92.46	24.64	0.0	43.842	11.401	0.78	68.52
2.43	0.43	68.63	92.89	24.84	0.0	43.842	11.401	0.77	68.63
2.44	0.43	68.73	93.32	25.05	0.0	43.842	11.401	0.77	68.73
2.45	0.43	68.83	93.75	25.25	0.0	43.842	11.401	0.77	68.83
2.46	0.43	70.69	94.18	25.45	0.0	43.842	11.401	0.77	70.69
2.47	0.43	72.55	94.61	25.67	0.0	43.842	11.401	0.77	72.55
2.48	0.42	74.39	95.03	25.88	0.0	43.842	11.401	0.75	74.39
2.49	0.42	76.23	95.45	26.10	0.0	43.842	11.401	0.75	76.23
2.50	0.42	78.07	95.87	26.33	0.0	43.842	11.401	0.75	78.07
2.51	0.42	79.89	96.29	26.57	0.0	43.842	11.401	0.75	79.89
2.52	0.42	81.71	96.71	26.81	0.0	43.842	11.401	0.75	81.71
2.53	0.42	83.52	97.13	27.05	0.0	43.842	11.401	0.75	83.52
2.54	0.41	85.32	97.54	27.30	0.0	43.842	11.401	0.73	85.32
2.55	0.41	87.12	97.95	27.55	0.0	43.842	11.401	0.73	87.12
2.56	0.41	88.91	98.36	27.80	0.0	43.842	11.401	0.73	88.91
2.57	0.41	90.69	98.77	28.06	0.0	43.842	11.401	0.73	90.69
2.58	0.41	92.47	99.18	28.33	0.0	43.842	11.401	0.73	92.47
2.59	0.41	94.24	99.59	28.60	0.0	43.842	11.401	0.73	94.24
2.60	0.40	96.00	99.99	28.87	0.0	43.842	11.401	0.71	96.00

		CLEAN COAL ASH %	11.40	REFUSE ASH %	42.51
HEAD ASH %	28.87	CLEAN COAL YIELD%	43.84	REFUSE YIELD%	56.16
THEO. YIELD	47.65	ECART PROB. MOYEN	0.0384		
SG OF SEPARATION	1.560	IMPERFECTION	0.024		
NEAR GRAVITY MAT	42.078				
ORGANIC EFFCY.	92.19				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 18 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 75.60 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	0.40	0.31	0.40	0.31	99.810	0.399	0.310	0.00	0.31
1.25	0.40	0.61	0.80	0.46	99.715	0.798	0.460	0.00	0.61
1.26	0.39	0.91	1.19	0.61	99.621	1.187	0.607	0.00	0.91
1.27	0.39	1.21	1.58	0.76	99.526	1.575	0.756	0.00	1.21
1.28	0.39	1.50	1.97	0.90	99.432	1.963	0.903	0.00	1.50
1.29	0.39	1.79	2.36	1.05	99.339	2.350	1.049	0.00	1.79
1.30	0.38	2.08	2.74	1.19	99.245	2.727	1.192	0.00	2.08
1.31	0.38	2.37	3.12	1.34	99.151	3.104	1.335	0.00	2.37
1.32	0.38	2.82	3.50	1.50	99.057	3.480	1.495	0.01	2.82
1.33	0.37	3.44	3.87	1.68	98.962	3.846	1.680	0.01	3.44
1.34	0.37	4.05	4.24	1.89	98.906	4.212	1.886	0.01	4.05
1.35	0.37	4.65	4.61	2.11	98.814	4.578	2.107	0.01	4.65
1.36	0.37	5.25	4.98	2.34	98.722	4.943	2.339	0.01	5.25
1.37	0.36	5.85	5.34	2.58	98.631	5.298	2.575	0.01	5.85
1.38	0.36	6.45	5.70	2.83	98.540	5.653	2.818	0.01	6.45
1.39	0.36	7.03	6.06	3.07	98.449	6.008	3.066	0.01	7.03
1.40	0.35	7.62	6.41	3.32	98.359	6.352	3.313	0.01	7.62
1.41	1.24	7.92	7.65	4.07	98.268	7.570	4.055	0.03	7.92
1.42	1.32	8.21	8.97	4.68	98.176	8.866	4.662	0.04	8.21
1.43	1.41	8.51	10.38	5.20	98.084	10.249	5.181	0.04	8.51
1.44	1.49	8.80	11.87	5.65	97.991	11.709	5.632	0.04	8.80
1.45	1.58	9.09	13.45	6.05	97.429	13.249	6.034	0.06	9.09
1.46	1.67	10.17	15.12	6.51	96.225	14.856	6.482	0.09	10.17
1.47	1.75	11.25	16.87	7.00	94.872	16.516	6.961	0.13	11.25
1.48	1.84	12.31	18.71	7.52	93.462	18.236	7.465	0.18	12.31
1.49	1.93	13.37	20.64	8.07	90.767	19.987	7.983	0.27	13.37
1.50	2.02	14.43	22.66	8.64	85.154	21.707	8.494	0.45	14.43
1.51	2.13	15.12	24.78	9.19	79.060	23.391	8.971	0.67	15.12
1.52	2.23	15.82	27.02	9.74	68.055	24.909	9.388	1.07	15.82
1.53	2.31	16.51	29.33	10.27	61.111	26.321	9.770	1.35	16.51
1.54	2.36	17.19	31.69	10.79	54.166	27.599	10.114	1.62	17.19
1.55	2.38	17.87	34.07	11.28	47.222	28.723	10.417	1.88	17.87
1.56	2.38	18.57	36.45	11.76	43.056	29.748	10.698	2.03	18.57
1.57	2.36	19.27	38.81	12.22	36.111	30.600	10.937	2.26	19.27
1.58	2.30	19.96	41.11	12.65	29.167	31.271	11.130	2.44	19.96
1.59	2.23	20.64	43.34	13.06	22.222	31.766	11.279	2.60	20.64
1.60	2.12	21.32	45.46	13.45	18.703	32.163	11.403	2.59	21.32
1.61	2.07	21.98	47.53	13.82	13.703	32.446	11.495	2.68	21.98
1.62	2.07	22.63	49.60	14.19	10.000	32.653	11.566	2.80	22.63
1.63	2.03	23.27	51.63	14.54	7.431	32.804	11.619	2.82	23.27
1.64	1.97	23.91	53.60	14.89	5.776	32.918	11.662	2.79	23.91
1.65	1.87	24.55	55.47	15.21	4.483	33.002	11.695	2.68	24.55
1.66	1.75	25.49	57.22	15.53	3.966	33.071	11.724	2.52	25.49
1.67	1.59	26.43	58.81	15.82	3.468	33.126	11.748	2.30	26.43
1.68	1.41	27.36	60.22	16.09	3.010	33.169	11.768	2.05	27.36
1.69	1.19	28.29	61.41	16.33	2.612	33.200	11.783	1.74	28.29
1.70	0.95	29.21	62.36	16.52	2.294	33.222	11.795	1.19	29.21

1.71	0.78	30.16	63.14	16.69	2.075	33.238	11.804	1.15	30.16
1.72	0.72	31.10	63.86	16.86	1.976	33.252	11.812	1.06	31.10
1.73	0.66	32.03	64.52	17.01	1.913	33.265	11.820	0.97	32.03
1.74	0.61	32.96	65.13	17.16	1.825	33.276	11.827	0.90	32.96
1.75	0.56	33.88	65.69	17.30	1.737	33.286	11.833	0.83	33.88
1.76	0.52	34.75	66.21	17.44	1.650	33.294	11.839	0.77	34.75
1.77	0.49	35.60	66.70	17.57	1.563	33.302	11.845	0.72	35.60
1.78	0.46	36.45	67.16	17.70	1.477	33.309	11.850	0.68	36.45
1.79	0.44	37.30	67.60	17.83	1.392	33.315	11.854	0.65	37.30
1.80	0.42	38.14	68.02	17.95	1.309	33.320	11.859	0.62	38.14
1.81	0.42	39.05	68.44	18.08	1.228	33.325	11.863	0.62	39.05
1.82	0.42	39.96	68.86	18.22	1.149	33.330	11.867	0.62	39.96
1.83	0.42	40.86	69.28	18.36	1.073	33.335	11.871	0.62	40.86
1.84	0.42	41.76	69.70	18.50	1.000	33.339	11.875	0.62	41.76
1.85	0.41	42.65	70.11	18.64	0.928	33.343	11.878	0.61	42.65
1.86	0.40	43.19	70.51	18.78	0.856	33.346	11.881	0.60	43.19
1.87	0.39	43.73	70.90	18.91	0.783	33.349	11.884	0.58	43.73
1.88	0.37	44.27	71.27	19.05	0.711	33.352	11.887	0.55	44.27
1.89	0.35	44.81	71.62	19.17	0.638	33.354	11.889	0.52	44.81
1.90	0.33	45.34	71.95	19.29	0.566	33.356	11.891	0.49	45.34
1.91	0.30	45.50	72.25	19.40	0.494	33.358	11.892	0.45	45.50
1.92	0.27	45.65	72.52	19.50	0.424	33.359	11.894	0.40	45.65
1.93	0.24	45.81	72.76	19.58	0.354	33.360	11.894	0.36	45.81
1.94	0.23	45.96	72.99	19.67	0.286	33.360	11.895	0.34	45.96
1.95	0.22	46.12	73.21	19.75	0.220	33.361	11.896	0.33	46.12
1.96	0.22	47.23	73.43	19.83	0.156	33.361	11.896	0.33	47.23
1.97	0.22	48.33	73.65	19.91	0.094	33.361	11.896	0.33	48.33
1.98	0.24	49.43	73.89	20.01	0.034	33.361	11.896	0.36	49.43
1.99	0.26	50.52	74.15	20.12	0.0	33.361	11.896	0.39	50.52
2.00	0.29	51.61	74.44	20.24	0.0	33.361	11.896	0.44	51.61
2.01	0.12	52.44	74.56	20.29	0.0	33.361	11.896	0.18	52.44
2.02	0.14	53.27	74.70	20.35	0.0	33.361	11.896	0.21	53.27
2.03	0.16	54.09	74.86	20.43	0.0	33.361	11.896	0.24	54.09
2.04	0.17	54.91	75.03	20.50	0.0	33.361	11.896	0.26	54.91
2.05	0.17	55.72	75.20	20.58	0.0	33.361	11.896	0.26	55.72
2.06	0.79	55.72	75.99	20.95	0.0	33.361	11.896	1.19	55.72
2.07	0.76	55.72	76.75	21.29	0.0	33.361	11.896	1.14	55.72
2.08	0.70	55.72	77.45	21.60	0.0	33.361	11.896	1.05	55.72
2.09	0.62	55.72	78.07	21.88	0.0	33.361	11.896	0.93	55.72
2.10	0.51	55.72	78.58	22.10	0.0	33.361	11.896	0.77	55.72
2.11	0.35	55.72	78.93	22.24	0.0	33.361	11.896	0.53	55.72
2.12	0.25	55.72	79.18	22.35	0.0	33.361	11.896	0.38	55.72
2.13	0.17	55.72	79.35	22.42	0.0	33.361	11.896	0.26	55.72
2.14	0.12	55.73	79.47	22.47	0.0	33.361	11.896	0.18	55.73
2.15	0.08	55.73	79.55	22.51	0.0	33.361	11.896	0.12	55.73
2.16	0.01	56.31	79.56	22.51	0.0	33.361	11.896	0.02	56.31
2.17	0.02	56.89	79.58	22.52	0.0	33.361	11.896	0.03	56.89
2.18	0.02	57.47	79.60	22.53	0.0	33.361	11.896	0.03	57.47
2.19	0.04	58.04	79.64	22.54	0.0	33.361	11.896	0.06	58.04
2.20	0.05	58.62	79.69	22.57	0.0	33.361	11.896	0.08	58.62
2.21	0.21	58.91	79.90	22.66	0.0	33.361	11.896	0.32	58.91
2.22	0.22	59.20	80.12	22.76	0.0	33.361	11.896	0.33	59.20
2.23	0.23	59.50	80.35	22.87	0.0	33.361	11.896	0.35	59.50
2.24	0.25	59.79	80.60	22.98	0.0	33.361	11.896	0.38	59.79
2.25	0.27	60.08	80.87	23.11	0.0	33.361	11.896	0.41	60.08
2.26	0.29	61.43	81.16	23.24	0.0	33.361	11.896	0.44	61.43
2.27	0.31	62.78	81.47	23.39	0.0	33.361	11.896	0.47	62.78
2.28	0.33	64.12	81.80	23.56	0.0	33.361	11.896	0.50	64.12
2.29	0.36	65.45	82.16	23.74	0.0	33.361	11.896	0.54	65.45
2.30	0.38	66.78	82.54	23.94	0.0	33.361	11.896	0.57	66.78

2.31	0.62	67.68	83.16	24.27	0.0	33.361	11.896	0.93	67.68
2.32	0.62	68.57	83.78	24.59	0.0	33.361	11.896	0.93	68.57
2.33	0.61	69.45	84.39	24.92	0.0	33.361	11.896	0.92	69.45
2.34	0.61	70.34	85.00	25.24	0.0	33.361	11.896	0.92	70.34
2.35	0.61	71.22	85.61	25.57	0.0	33.361	11.896	0.92	71.22
2.36	0.60	72.09	86.21	25.90	0.0	33.361	11.896	0.90	72.09
2.37	0.60	72.97	86.81	26.22	0.0	33.361	11.896	0.90	72.97
2.38	0.60	73.84	87.41	26.55	0.0	33.361	11.896	0.90	73.84
2.39	0.60	74.70	88.01	26.88	0.0	33.361	11.896	0.90	74.70
2.40	0.59	75.56	88.60	27.20	0.0	33.361	11.896	0.89	75.56
2.41	0.59	76.42	89.19	27.53	0.0	33.361	11.896	0.89	76.42
2.42	0.59	77.27	89.78	27.85	0.0	33.361	11.896	0.89	77.27
2.43	0.59	78.12	90.37	28.18	0.0	33.361	11.896	0.89	78.12
2.44	0.58	78.97	90.95	28.50	0.0	33.361	11.896	0.87	78.97
2.45	0.58	79.82	91.53	28.83	0.0	33.361	11.896	0.87	79.82
2.46	0.58	80.93	92.11	29.16	0.0	33.361	11.896	0.87	80.93
2.47	0.58	82.03	92.69	29.49	0.0	33.361	11.896	0.87	82.03
2.48	0.58	83.13	93.27	29.82	0.0	33.361	11.896	0.87	83.13
2.49	0.57	84.23	93.84	30.15	0.0	33.361	11.896	0.86	84.23
2.50	0.57	85.32	94.41	30.49	0.0	33.361	11.896	0.86	85.32
2.51	0.57	86.41	94.98	30.82	0.0	33.361	11.896	0.86	86.41
2.52	0.57	87.49	95.55	31.16	0.0	33.361	11.896	0.86	87.49
2.53	0.56	88.57	96.11	31.49	0.0	33.361	11.896	0.84	88.57
2.54	0.56	89.64	96.67	31.83	0.0	33.361	11.896	0.84	89.64
2.55	0.56	90.71	97.23	32.17	0.0	33.361	11.896	0.84	90.71
2.56	0.56	91.78	97.79	32.51	0.0	33.361	11.896	0.84	91.78
2.57	0.56	92.84	98.35	32.86	0.0	33.361	11.896	0.84	92.84
2.58	0.55	93.90	98.90	33.19	0.0	33.361	11.896	0.83	93.90
2.59	0.55	94.95	99.45	33.54	0.0	33.361	11.896	0.83	94.95
2.60	0.55	96.00	100.00	33.88	0.0	33.361	11.896	0.83	96.00

		CLEAN COAL ASH %	11.90	REFUSE ASH %	44.89
HEAD ASH %	33.88	CLEAN COAL YIELD%	33.36	REFUSE YIELD%	66.64
THEO. YIELD	37.16	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.563	IMPERFECTION	0.024		
NEAR GRAVITY MAT	42.052				
ORGANIC EFFCY.	89.78				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC-DDH82003 SID: 21 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 88.04 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	0.63	0.39	0.63	0.39	99.810	0.629	0.390	0.00	0.39
1.25	0.64	0.76	1.27	0.58	99.715	1.267	0.576	0.00	0.76
1.26	0.65	1.13	1.92	0.76	99.621	1.915	0.764	0.00	1.13
1.27	0.66	1.50	2.58	0.96	99.526	2.571	0.952	0.00	1.50
1.28	0.68	1.86	3.26	1.14	99.432	3.248	1.141	0.01	1.86
1.29	0.69	2.22	3.95	1.33	99.339	3.933	1.329	0.01	2.22
1.30	0.70	2.58	4.65	1.52	99.245	4.628	1.517	0.01	2.58
1.31	0.71	2.93	5.36	1.71	99.151	5.332	1.703	0.01	2.93
1.32	0.73	3.41	6.09	1.91	99.057	6.055	1.907	0.01	3.41
1.33	0.74	4.01	6.83	2.14	98.962	6.787	2.134	0.01	4.01
1.34	0.75	4.61	7.58	2.38	98.906	7.529	2.378	0.01	4.61
1.35	0.77	5.20	8.35	2.64	98.814	8.290	2.637	0.01	5.20
1.36	0.78	5.78	9.13	2.91	98.722	9.060	2.904	0.01	5.78
1.37	0.80	6.36	9.93	3.19	98.631	9.849	3.181	0.01	6.36
1.38	0.81	6.94	10.74	3.47	98.540	10.647	3.463	0.02	6.94
1.39	0.83	7.52	11.57	3.76	98.449	11.464	3.752	0.02	7.52
1.40	0.84	8.09	12.41	4.05	98.359	12.290	4.044	0.02	8.09
1.41	0.87	8.29	13.28	4.33	98.268	13.145	4.320	0.02	8.29
1.42	0.89	8.49	14.17	4.59	98.176	14.019	4.580	0.02	8.49
1.43	0.91	8.69	15.08	4.84	98.084	14.912	4.826	0.02	8.69
1.44	0.93	8.89	16.01	5.08	97.991	15.823	5.060	0.03	8.89
1.45	0.94	9.09	16.95	5.30	97.429	16.739	5.280	0.03	9.09
1.46	0.96	10.13	17.91	5.56	96.225	17.662	5.534	0.05	10.13
1.47	0.97	11.16	18.88	5.84	94.872	18.583	5.813	0.07	11.16
1.48	0.98	12.18	19.86	6.16	93.462	19.499	6.112	0.09	12.18
1.49	0.98	13.20	20.84	6.49	90.767	20.388	6.421	0.12	13.20
1.50	0.98	14.21	21.82	6.84	85.154	21.223	6.727	0.20	14.21
1.51	1.02	14.96	22.84	7.20	79.060	22.029	7.029	0.29	14.96
1.52	1.09	15.70	23.93	7.59	68.055	22.771	7.311	0.48	15.70
1.53	1.13	16.44	25.06	7.98	61.111	23.461	7.580	0.60	16.44
1.54	1.16	17.17	26.22	8.39	54.166	24.090	7.830	0.73	17.17
1.55	1.17	17.90	27.39	8.80	47.222	24.642	8.056	0.84	17.90
1.56	1.16	19.33	28.55	9.23	43.056	25.142	8.280	0.90	19.33
1.57	1.13	20.76	29.68	9.66	36.111	25.550	8.479	0.99	20.76
1.58	1.09	22.17	30.77	10.11	29.167	25.868	8.647	1.05	22.17
1.59	1.02	23.57	31.79	10.54	22.222	26.094	8.777	1.08	23.57
1.60	0.94	24.97	32.73	10.95	18.703	26.270	8.885	1.04	24.97
1.61	0.86	26.25	33.59	11.35	13.703	26.388	8.963	1.01	26.25
1.62	0.78	27.51	34.37	11.71	10.000	26.466	9.017	0.96	27.51
1.63	0.71	28.78	35.08	12.06	7.431	26.519	9.057	0.90	28.78
1.64	0.65	30.03	35.73	12.38	5.776	26.556	9.086	0.84	30.03
1.65	0.60	31.27	36.33	12.70	4.483	26.583	9.109	0.78	31.27
1.66	0.55	31.78	36.88	12.98	3.966	26.605	9.127	0.72	31.78
1.67	0.51	32.27	37.39	13.24	3.468	26.623	9.143	0.67	32.27
1.68	0.48	32.77	37.87	13.49	3.010	26.637	9.156	0.64	32.77
1.69	0.46	33.26	38.33	13.73	2.612	26.649	9.167	0.61	33.26
1.70	0.44	33.75	38.77	13.96	2.294	26.659	9.176	0.59	33.75

1.71	0.43	34.34	39.20	14.18	2.075	26.668	9.184	0.57	34.34
1.72	0.42	34.93	39.62	14.40	1.976	26.677	9.192	0.56	34.93
1.73	0.41	35.52	40.03	14.62	1.913	26.684	9.200	0.55	35.52
1.74	0.40	36.10	40.43	14.83	1.825	26.692	9.207	0.54	36.10
1.75	0.39	36.68	40.82	15.04	1.737	26.698	9.214	0.52	36.68
1.76	0.38	37.64	41.20	15.24	1.650	26.705	9.221	0.51	37.64
1.77	0.36	38.40	41.56	15.45	1.563	26.710	9.227	0.48	38.40
1.78	0.34	39.25	41.90	15.64	1.477	26.715	9.233	0.46	39.25
1.79	0.32	40.09	42.22	15.82	1.392	26.720	9.238	0.43	40.09
1.80	0.30	40.93	42.52	16.00	1.309	26.724	9.243	0.40	40.93
1.81	0.26	41.74	42.78	16.16	1.228	26.727	9.246	0.35	41.74
1.82	0.22	42.55	43.00	16.29	1.149	26.729	9.250	0.30	42.55
1.83	0.19	43.35	43.19	16.41	1.073	26.731	9.252	0.26	43.35
1.84	0.17	44.14	43.36	16.52	1.000	26.733	9.254	0.23	44.14
1.85	0.17	44.93	43.53	16.63	0.928	26.735	9.256	0.23	44.93
1.86	0.17	45.25	43.70	16.74	0.856	26.736	9.258	0.23	45.25
1.87	0.19	45.56	43.89	16.87	0.783	26.738	9.260	0.26	45.56
1.88	0.21	45.88	44.10	17.01	0.711	26.739	9.263	0.28	45.88
1.89	0.25	46.19	44.35	17.17	0.638	26.741	9.265	0.34	46.19
1.90	0.30	46.50	44.65	17.37	0.566	26.743	9.267	0.41	46.50
1.91	0.33	46.54	44.98	17.58	0.494	26.744	9.269	0.45	46.54
1.92	0.35	46.59	45.33	17.81	0.424	26.746	9.271	0.48	46.59
1.93	0.37	46.63	45.70	18.04	0.354	26.747	9.273	0.50	46.63
1.94	0.38	46.67	46.08	18.27	0.286	26.748	9.275	0.52	46.67
1.95	0.40	46.71	46.48	18.52	0.220	26.749	9.276	0.54	46.71
1.96	0.41	47.65	46.89	18.77	0.156	26.750	9.277	0.56	47.65
1.97	0.42	48.58	47.31	19.04	0.094	26.750	9.277	0.57	48.58
1.98	0.43	49.50	47.74	19.31	0.034	26.750	9.278	0.59	49.50
1.99	0.43	50.42	48.17	19.59	0.0	26.750	9.278	0.59	50.42
2.00	0.44	51.34	48.61	19.88	0.0	26.750	9.278	0.60	51.34
2.01	0.47	51.93	49.08	20.18	0.0	26.750	9.278	0.64	51.93
2.02	0.51	52.51	49.59	20.52	0.0	26.750	9.278	0.70	52.51
2.03	0.54	53.09	50.13	20.87	0.0	26.750	9.278	0.74	53.09
2.04	0.56	53.67	50.69	21.23	0.0	26.750	9.278	0.76	53.67
2.05	0.56	54.25	51.25	21.59	0.0	26.750	9.278	0.76	54.25
2.06	0.55	54.88	51.80	21.94	0.0	26.750	9.278	0.75	54.88
2.07	0.53	55.51	52.33	22.28	0.0	26.750	9.278	0.72	55.51
2.08	0.48	56.13	52.81	22.59	0.0	26.750	9.278	0.66	56.13
2.09	0.43	56.75	53.24	22.87	0.0	26.750	9.278	0.59	56.75
2.10	0.36	57.37	53.60	23.10	0.0	26.750	9.278	0.49	57.37
2.11	0.30	57.88	53.90	23.29	0.0	26.750	9.278	0.41	57.88
2.12	0.26	58.39	54.16	23.47	0.0	26.750	9.278	0.38	58.39
2.13	0.26	58.90	54.44	23.64	0.0	26.750	9.278	0.35	58.90
2.14	0.24	59.40	54.68	23.80	0.0	26.750	9.278	0.33	59.40
2.15	0.23	59.90	54.91	23.95	0.0	26.750	9.278	0.31	59.90
2.16	0.22	60.59	55.13	24.10	0.0	26.750	9.278	0.30	60.59
2.17	0.22	61.28	55.35	24.25	0.0	26.750	9.278	0.30	61.28
2.18	0.23	61.96	55.58	24.40	0.0	26.750	9.278	0.31	61.96
2.19	0.23	62.64	55.81	24.56	0.0	26.750	9.278	0.31	62.64
2.20	0.25	63.32	56.06	24.73	0.0	26.750	9.278	0.34	63.32
2.21	0.26	63.75	56.32	24.91	0.0	26.750	9.278	0.35	63.75
2.22	0.26	64.18	56.58	25.09	0.0	26.750	9.278	0.35	64.18
2.23	0.27	64.61	56.85	25.28	0.0	26.750	9.278	0.37	64.61
2.24	0.27	65.04	57.12	25.47	0.0	26.750	9.278	0.37	65.04
2.25	0.28	65.47	57.40	25.66	0.0	26.750	9.278	0.38	65.47
2.26	0.29	66.30	57.69	25.87	0.0	26.750	9.278	0.40	66.30
2.27	0.30	67.14	57.99	26.08	0.0	26.750	9.278	0.41	67.14
2.28	0.30	67.96	58.29	26.30	0.0	26.750	9.278	0.41	67.96
2.29	0.31	68.79	58.60	26.52	0.0	26.750	9.278	0.42	68.79
2.30	0.32	69.61	58.92	26.76	0.0	26.750	9.278	0.44	69.61

2.31	1.45	70.15	60.37	27.80	0.0	26.750	9.278	1.98	70.15
2.32	1.45	70.69	61.82	28.80	0.0	26.750	9.278	1.98	70.69
2.33	1.44	71.23	63.26	29.77	0.0	26.750	9.278	1.97	71.23
2.34	1.43	71.76	64.69	30.70	0.0	26.750	9.278	1.95	71.76
2.35	1.43	72.29	66.12	31.60	0.0	26.750	9.278	1.95	72.29
2.36	1.42	72.82	67.54	32.46	0.0	26.750	9.278	1.94	72.82
2.37	1.42	73.35	68.96	33.31	0.0	26.750	9.278	1.94	73.35
2.38	1.41	73.87	70.37	34.12	0.0	26.750	9.278	1.92	73.87
2.39	1.40	74.39	71.77	34.90	0.0	26.750	9.278	1.91	74.39
2.40	1.40	74.91	73.17	35.67	0.0	26.750	9.278	1.91	74.91
2.41	1.39	75.43	74.56	36.41	0.0	26.750	9.278	1.90	75.43
2.42	1.39	75.94	75.95	37.13	0.0	26.750	9.278	1.90	75.94
2.43	1.38	76.46	77.33	37.84	0.0	26.750	9.278	1.88	76.46
2.44	1.38	76.97	78.71	38.52	0.0	26.750	9.278	1.88	76.97
2.45	1.37	77.48	80.08	39.19	0.0	26.750	9.278	1.87	77.48
2.46	1.36	78.75	81.44	39.85	0.0	26.750	9.278	1.86	78.75
2.47	1.36	80.01	82.80	40.51	0.0	26.750	9.278	1.86	80.01
2.48	1.35	81.27	84.15	41.16	0.0	26.750	9.278	1.84	81.27
2.49	1.35	82.53	85.50	41.82	0.0	26.750	9.278	1.84	82.53
2.50	1.34	83.78	86.84	42.46	0.0	26.750	9.278	1.83	83.78
2.51	1.34	85.02	88.18	43.11	0.0	26.750	9.278	1.83	85.02
2.52	1.33	86.26	89.51	43.75	0.0	26.750	9.278	1.82	86.26
2.53	1.33	87.49	90.84	44.39	0.0	26.750	9.278	1.82	87.49
2.54	1.32	88.72	92.16	45.03	0.0	26.750	9.278	1.80	88.72
2.55	1.32	89.95	93.48	45.66	0.0	26.750	9.278	1.80	89.95
2.56	1.31	91.17	94.79	46.29	0.0	26.750	9.278	1.79	91.17
2.57	1.31	92.38	96.10	46.92	0.0	26.750	9.278	1.79	92.38
2.58	1.30	93.59	97.40	47.54	0.0	26.750	9.278	1.77	93.59
2.59	1.30	94.80	98.70	48.16	0.0	26.750	9.278	1.77	94.80
2.60	1.29	96.00	99.99	48.78	0.0	26.750	9.278	1.76	96.00

		CLEAN COAL ASH %	9.28	REFUSE ASH %	63.21
HEAD ASH %	48.78	CLEAN COAL YIELD%	26.75	REFUSE YIELD%	73.25
THEO. YIELD	28.68	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.561	IMPERFECTION	0.024		
NEAR GRAVITY MAT	18.915				
ORGANIC EFFCY.	93.25				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 22 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 79.34 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	0.46	0.31	0.46	0.31	99.810	0.459	0.310	0.00	0.31
1.25	0.45	0.61	0.91	0.46	99.715	0.908	0.458	0.00	0.61
1.26	0.45	0.91	1.36	0.61	99.621	1.356	0.608	0.00	0.91
1.27	0.45	1.21	1.81	0.76	99.526	1.804	0.757	0.00	1.21
1.28	0.44	1.50	2.25	0.90	99.432	2.242	0.902	0.00	1.50
1.29	0.44	1.80	2.69	1.05	99.339	2.679	1.049	0.00	1.80
1.30	0.44	2.09	3.13	1.20	99.245	3.115	1.195	0.01	2.09
1.31	0.43	2.37	3.56	1.34	99.151	3.542	1.336	0.01	2.37
1.32	0.43	2.78	3.99	1.49	99.057	3.968	1.491	0.01	2.78
1.33	0.43	3.29	4.42	1.67	98.962	4.393	1.665	0.01	3.29
1.34	0.42	3.80	4.84	1.85	98.906	4.809	1.850	0.01	3.80
1.35	0.42	4.31	5.26	2.05	98.814	5.224	2.045	0.01	4.31
1.36	0.42	4.82	5.68	2.25	98.722	5.638	2.249	0.01	4.82
1.37	0.41	5.32	6.09	2.46	98.631	6.043	2.455	0.01	5.32
1.38	0.41	5.81	6.50	2.67	98.540	6.447	2.665	0.01	5.81
1.39	0.41	6.31	6.91	2.89	98.449	6.850	2.880	0.01	6.31
1.40	0.40	6.80	7.31	3.10	98.359	7.244	3.093	0.01	6.80
1.41	1.85	7.13	9.16	3.92	98.268	9.062	3.903	0.05	7.13
1.42	1.89	7.45	11.05	4.52	98.176	10.917	4.506	0.05	7.45
1.43	1.92	7.78	12.97	5.00	98.084	12.800	4.987	0.06	7.78
1.44	1.94	8.10	14.91	5.41	97.991	14.701	5.390	0.06	8.10
1.45	1.95	8.42	16.86	5.75	97.429	16.601	5.737	0.08	8.42
1.46	1.96	8.47	18.82	6.14	96.225	18.487	6.118	0.11	9.47
1.47	1.95	10.51	20.77	6.55	94.872	20.337	6.517	0.15	10.51
1.48	1.94	11.54	22.71	6.98	93.462	22.150	6.928	0.19	11.54
1.49	1.91	12.56	24.62	7.41	90.767	23.884	7.337	0.27	12.56
1.50	1.88	13.58	26.50	7.85	85.154	25.485	7.729	0.43	13.58
1.51	1.87	14.32	28.37	8.27	79.060	26.963	8.091	0.60	14.32
1.52	1.88	15.05	30.25	8.70	68.055	28.243	8.406	0.92	15.05
1.53	1.88	15.77	32.13	9.11	61.111	29.392	8.694	1.12	15.77
1.54	1.87	16.49	34.00	9.52	54.166	30.405	8.953	1.31	16.49
1.55	1.86	17.21	35.86	9.91	47.222	31.283	9.185	1.50	17.21
1.56	1.84	18.54	37.70	10.34	43.056	32.075	9.416	1.61	18.54
1.57	1.81	19.85	39.51	10.77	36.111	32.729	9.625	1.77	19.85
1.58	1.78	21.16	41.29	11.22	29.167	33.248	9.805	1.93	21.16
1.59	1.73	22.46	43.02	11.67	22.222	33.632	9.949	2.06	22.46
1.60	1.68	23.76	44.70	12.13	18.703	33.947	10.077	2.09	23.76
1.61	1.55	25.08	46.25	12.56	13.703	34.159	10.171	2.05	25.08
1.62	1.37	26.40	47.62	12.96	10.000	34.296	10.235	1.89	26.40
1.63	1.20	27.70	48.82	13.32	7.431	34.388	10.281	1.70	27.70
1.64	1.05	29.00	49.87	13.65	5.776	34.446	10.314	1.52	29.00
1.65	0.92	30.29	50.79	13.95	4.483	34.487	10.338	1.35	30.29
1.66	0.80	30.77	51.59	14.21	3.966	34.519	10.356	1.18	30.77
1.67	0.71	31.25	52.30	14.44	3.468	34.543	10.371	1.05	31.25
1.68	0.63	31.72	52.93	14.65	3.010	34.562	10.383	0.94	31.72
1.69	0.58	32.19	53.51	14.84	2.612	34.577	10.392	0.87	32.19
1.70	0.54	32.66	54.05	15.02	2.294	34.590	10.400	0.81	32.66

1.71	0.52	33.23	54.57	15.19	2.075	34.601	10.408	0.78	33.23
1.72	0.52	33.79	55.09	15.37	1.976	34.611	10.415	0.78	33.79
1.73	0.52	34.35	55.61	15.54	1.913	34.621	10.421	0.78	34.35
1.74	0.52	34.91	56.13	15.72	1.825	34.630	10.428	0.78	34.91
1.75	0.52	35.47	56.65	15.91	1.737	34.639	10.435	0.78	35.47
1.76	0.52	36.22	57.17	16.09	1.650	34.648	10.441	0.78	36.22
1.77	0.52	36.97	57.69	16.28	1.563	34.656	10.447	0.78	36.97
1.78	0.51	37.72	58.20	16.47	1.477	34.664	10.453	0.77	37.72
1.79	0.51	38.46	58.71	16.66	1.392	34.671	10.459	0.77	38.46
1.80	0.51	39.20	59.22	16.85	1.309	34.677	10.464	0.77	39.20
1.81	0.51	39.80	59.73	17.05	1.228	34.684	10.470	0.77	39.80
1.82	0.51	40.41	60.24	17.24	1.149	34.690	10.475	0.77	40.41
1.83	0.51	41.01	60.75	17.44	1.073	34.695	10.480	0.77	41.01
1.84	0.51	41.60	61.26	17.65	1.000	34.700	10.484	0.77	41.60
1.85	0.51	42.19	61.77	17.85	0.928	34.705	10.488	0.77	42.19
1.86	0.51	42.48	62.28	18.05	0.856	34.709	10.493	0.77	42.48
1.87	0.51	42.77	62.79	18.25	0.783	34.713	10.496	0.78	42.77
1.88	0.51	43.05	63.30	18.45	0.711	34.717	10.500	0.78	43.05
1.89	0.51	43.33	63.81	18.65	0.638	34.720	10.503	0.78	43.33
1.90	0.51	43.61	64.32	18.85	0.566	34.723	10.505	0.78	43.61
1.91	0.51	43.72	64.83	19.04	0.494	34.726	10.508	0.78	43.72
1.92	0.53	43.82	65.36	19.24	0.424	34.728	10.510	0.81	43.82
1.93	0.53	43.92	65.89	19.44	0.354	34.730	10.512	0.81	43.92
1.94	0.54	44.03	66.43	19.64	0.286	34.731	10.513	0.83	44.03
1.95	0.54	44.13	66.97	19.84	0.220	34.732	10.514	0.83	44.13
1.96	0.53	44.89	67.50	20.04	0.156	34.733	10.515	0.81	44.89
1.97	0.53	45.64	68.03	20.24	0.094	34.734	10.516	0.81	45.64
1.98	0.52	46.39	68.55	20.43	0.034	34.734	10.516	0.80	46.39
1.99	0.50	47.13	69.05	20.63	0.0	34.734	10.516	0.77	47.13
2.00	0.48	47.88	69.53	20.82	0.0	34.734	10.516	0.74	47.88
2.01	0.46	48.47	69.99	21.00	0.0	34.734	10.516	0.70	48.47
2.02	0.43	49.06	70.42	21.17	0.0	34.734	10.516	0.66	49.06
2.03	0.41	49.64	70.83	21.33	0.0	34.734	10.516	0.63	49.64
2.04	0.39	50.20	71.22	21.49	0.0	34.734	10.516	0.60	50.20
2.05	0.37	50.73	71.59	21.64	0.0	34.734	10.516	0.57	50.73
2.06	0.36	51.22	71.95	21.79	0.0	34.734	10.516	0.55	51.22
2.07	0.36	51.66	72.31	21.94	0.0	34.734	10.516	0.55	51.66
2.08	0.35	52.07	72.66	22.08	0.0	34.734	10.516	0.54	52.07
2.09	0.36	52.45	73.02	22.23	0.0	34.734	10.516	0.55	52.45
2.10	0.36	52.83	73.38	22.38	0.0	34.734	10.516	0.55	52.83
2.11	0.37	52.96	73.75	22.54	0.0	34.734	10.516	0.57	52.96
2.12	0.36	53.08	74.11	22.69	0.0	34.734	10.516	0.55	53.08
2.13	0.36	53.20	74.47	22.83	0.0	34.734	10.516	0.55	53.20
2.14	0.36	53.33	74.83	22.98	0.0	34.734	10.516	0.55	53.33
2.15	0.36	53.45	75.19	23.13	0.0	34.734	10.516	0.55	53.45
2.16	0.36	54.58	75.55	23.28	0.0	34.734	10.516	0.55	54.58
2.17	0.36	55.71	75.91	23.43	0.0	34.734	10.516	0.55	55.71
2.18	0.35	56.83	76.26	23.58	0.0	34.734	10.516	0.54	56.83
2.19	0.35	57.95	76.61	23.74	0.0	34.734	10.516	0.54	57.95
2.20	0.35	59.06	76.96	23.90	0.0	34.734	10.516	0.54	59.06
2.21	0.33	60.05	77.29	24.06	0.0	34.734	10.516	0.51	60.05
2.22	0.30	61.03	77.59	24.20	0.0	34.734	10.516	0.46	61.03
2.23	0.28	62.00	77.87	24.33	0.0	34.734	10.516	0.43	62.00
2.24	0.26	62.97	78.13	24.46	0.0	34.734	10.516	0.40	62.97
2.25	0.25	63.94	78.38	24.59	0.0	34.734	10.516	0.38	63.94
2.26	0.25	64.44	78.63	24.72	0.0	34.734	10.516	0.38	64.44
2.27	0.26	64.95	78.89	24.85	0.0	34.734	10.516	0.40	64.95
2.28	0.28	65.45	79.17	24.99	0.0	34.734	10.516	0.43	65.45
2.29	0.30	65.95	79.47	25.15	0.0	34.734	10.516	0.46	65.95
2.30	0.33	66.44	79.80	25.32	0.0	34.734	10.516	0.51	66.44

2.31	0.87	66.44	80.67	25.76	0.0	34.734	10.516	1.33	66.44
2.32	0.87	66.44	81.54	26.19	0.0	34.734	10.516	1.33	66.44
2.33	0.86	66.44	82.40	26.61	0.0	34.734	10.516	1.32	66.44
2.34	0.86	66.44	83.26	27.03	0.0	34.734	10.516	1.32	66.44
2.35	0.86	66.45	84.12	27.43	0.0	34.734	10.516	1.32	66.45
2.36	0.85	66.45	84.97	27.82	0.0	34.734	10.516	1.30	66.45
2.37	0.85	66.45	85.82	28.20	0.0	34.734	10.516	1.30	66.45
2.38	0.84	66.45	86.66	28.57	0.0	34.734	10.516	1.29	66.45
2.39	0.84	66.45	87.50	28.94	0.0	34.734	10.516	1.29	66.45
2.40	0.84	66.45	88.34	29.29	0.0	34.734	10.516	1.29	66.45
2.41	0.83	66.45	89.17	29.64	0.0	34.734	10.516	1.27	66.45
2.42	0.83	66.45	90.00	29.98	0.0	34.734	10.516	1.27	66.45
2.43	0.83	66.45	90.83	30.31	0.0	34.734	10.516	1.27	66.45
2.44	0.82	66.45	91.65	30.63	0.0	34.734	10.516	1.26	66.45
2.45	0.82	66.45	92.47	30.95	0.0	34.734	10.516	1.26	66.45
2.46	0.52	68.48	92.99	31.18	0.0	34.734	10.516	0.80	68.48
2.47	0.52	70.49	93.51	31.38	0.0	34.734	10.516	0.80	70.49
2.48	0.52	72.50	94.03	31.61	0.0	34.734	10.516	0.80	72.50
2.49	0.51	74.50	94.54	31.84	0.0	34.734	10.516	0.78	74.50
2.50	0.51	76.50	95.05	32.08	0.0	34.734	10.516	0.78	76.50
2.51	0.51	78.48	95.56	32.33	0.0	34.734	10.516	0.78	78.48
2.52	0.51	80.46	96.07	32.58	0.0	34.734	10.516	0.78	80.46
2.53	0.51	82.43	96.58	32.85	0.0	34.734	10.516	0.78	82.43
2.54	0.50	84.39	97.08	33.11	0.0	34.734	10.516	0.77	84.39
2.55	0.50	86.34	97.58	33.38	0.0	34.734	10.516	0.77	86.34
2.56	0.50	88.29	98.08	33.66	0.0	34.734	10.516	0.77	88.29
2.57	0.50	90.23	98.58	33.95	0.0	34.734	10.516	0.77	90.23
2.58	0.50	92.16	99.08	34.24	0.0	34.734	10.516	0.77	92.16
2.59	0.49	94.08	99.57	34.54	0.0	34.734	10.516	0.75	94.08
2.60	0.49	96.00	100.06	34.84	0.0	34.734	10.516	0.75	96.00

		CLEAN COAL ASH %	10.52	REFUSE ASH %	47.78
HEAD ASH %	34.84	CLEAN COAL YIELD%	34.73	REFUSE YIELD%	65.27
THEO. YIELD	38.45	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.564	IMPERFECTION	0.024		
NEAR GRAVITY MAT	32.257				
ORGANIC EFFCY.	90.34				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 23 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 76.78 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	0.55	0.58	0.55	0.58	99.810	0.549	0.580	0.00	0.58
1.25	0.54	1.14	1.09	0.86	99.715	1.087	0.857	0.00	1.14
1.26	0.54	1.68	1.63	1.13	99.621	1.625	1.130	0.00	1.68
1.27	0.53	2.21	2.16	1.39	99.526	2.153	1.394	0.00	2.21
1.28	0.53	2.74	2.69	1.66	99.432	2.680	1.659	0.00	2.74
1.29	0.52	3.25	3.21	1.92	99.339	3.196	1.916	0.01	3.25
1.30	0.52	3.77	3.73	2.18	99.245	3.712	2.174	0.01	3.77
1.31	0.52	4.28	4.25	2.43	99.151	4.228	2.431	0.01	4.28
1.32	0.51	4.78	4.76	2.68	99.057	4.733	2.681	0.01	4.78
1.33	0.51	5.26	5.27	2.93	98.962	5.238	2.930	0.01	5.26
1.34	0.51	5.72	5.78	3.18	98.906	5.742	3.175	0.01	5.72
1.35	0.50	6.16	6.28	3.42	98.814	6.236	3.411	0.01	6.16
1.36	0.50	6.59	6.78	3.65	98.722	6.730	3.645	0.01	6.59
1.37	0.49	7.01	7.27	3.88	98.631	7.213	3.870	0.01	7.01
1.38	0.49	7.42	7.76	4.10	98.540	7.696	4.093	0.01	7.42
1.39	0.49	7.82	8.25	4.32	98.449	8.179	4.313	0.01	7.82
1.40	0.48	8.23	8.73	4.54	98.359	8.651	4.526	0.01	8.23
1.41	1.48	8.43	10.21	5.10	98.268	10.105	5.088	0.04	8.43
1.42	1.58	8.63	11.79	5.57	98.176	11.656	5.560	0.05	8.63
1.43	1.66	8.82	13.45	5.97	98.084	13.284	5.959	0.05	8.82
1.44	1.73	9.02	15.18	6.32	97.991	14.980	6.306	0.06	9.02
1.45	1.79	9.21	16.97	6.63	97.429	16.724	6.608	0.07	9.21
1.46	1.85	10.09	18.82	6.97	96.225	18.504	6.943	0.11	10.09
1.47	1.90	10.96	20.72	7.33	94.872	20.306	7.300	0.15	10.96
1.48	1.93	11.83	22.65	7.72	93.462	22.110	7.670	0.20	11.83
1.49	1.96	12.70	24.61	8.11	90.767	23.889	8.044	0.29	12.70
1.50	1.98	13.55	26.59	8.52	85.154	25.575	8.407	0.47	13.55
1.51	2.19	14.26	28.78	8.95	79.060	27.307	8.778	0.73	14.26
1.52	2.53	14.97	31.31	9.44	68.055	29.029	9.145	1.29	14.97
1.53	2.74	15.67	34.05	9.94	61.111	30.703	9.501	1.69	15.67
1.54	2.83	16.37	36.88	10.44	54.166	32.236	9.828	2.06	16.37
1.55	2.81	17.06	39.69	10.90	47.222	33.563	10.114	2.36	17.06
1.56	2.67	18.33	42.36	11.37	43.056	34.712	10.386	2.42	18.33
1.57	2.41	19.59	44.77	11.81	36.111	35.583	10.611	2.45	19.59
1.58	2.04	20.85	46.81	12.21	29.167	36.178	10.779	2.30	20.85
1.59	1.55	22.09	48.36	12.53	22.222	36.522	10.886	1.92	22.09
1.60	0.93	23.33	49.29	12.73	18.703	36.696	10.945	1.20	23.33
1.61	0.58	24.48	49.87	12.87	13.703	36.776	10.974	0.80	24.48
1.62	0.55	25.62	50.42	13.00	10.000	36.831	10.996	0.79	25.62
1.63	0.53	26.76	50.95	13.15	7.431	36.870	11.013	0.78	26.76
1.64	0.51	27.89	51.46	13.29	5.776	36.899	11.027	0.76	27.89
1.65	0.50	29.01	51.96	13.45	4.483	36.922	11.037	0.76	29.01
1.66	0.49	29.78	52.45	13.60	3.966	36.941	11.047	0.75	29.78
1.67	0.48	30.55	52.93	13.75	3.468	36.958	11.056	0.74	30.55
1.68	0.48	31.31	53.41	13.91	3.010	36.972	11.064	0.74	31.31
1.69	0.48	32.07	53.89	14.07	2.612	36.985	11.071	0.74	32.07
1.70	0.48	32.82	54.37	14.24	2.294	36.996	11.078	0.75	32.82

1.71	0.50	33.47	54.87	14.41	2.075	37.006	11.084	0.78	33.47
1.72	0.51	34.12	55.38	14.59	1.976	37.016	11.090	0.79	34.12
1.73	0.52	34.77	55.90	14.78	1.913	37.026	11.097	0.81	34.77
1.74	0.52	35.41	56.42	14.97	1.825	37.036	11.103	0.81	35.41
1.75	0.52	36.05	56.94	15.16	1.737	37.045	11.109	0.81	36.05
1.76	0.50	36.67	57.44	15.35	1.650	37.053	11.115	0.78	36.67
1.77	0.49	37.29	57.93	15.54	1.563	37.061	11.120	0.77	37.29
1.78	0.46	37.90	58.39	15.71	1.477	37.067	11.125	0.72	37.90
1.79	0.43	38.51	58.82	15.88	1.392	37.073	11.129	0.67	38.51
1.80	0.39	39.11	59.21	16.03	1.309	37.079	11.133	0.61	39.11
1.81	0.35	39.60	59.56	16.17	1.228	37.083	11.136	0.55	39.60
1.82	0.33	40.08	59.89	16.30	1.149	37.087	11.139	0.52	40.08
1.83	0.32	40.56	60.21	16.43	1.073	37.090	11.142	0.50	40.56
1.84	0.30	41.03	60.51	16.55	1.000	37.093	11.145	0.47	41.03
1.85	0.29	41.50	60.80	16.67	0.928	37.096	11.147	0.46	41.50
1.86	0.29	42.27	61.09	16.79	0.856	37.098	11.149	0.46	42.27
1.87	0.28	43.04	61.37	16.91	0.783	37.100	11.151	0.44	43.04
1.88	0.28	43.81	61.65	17.04	0.711	37.102	11.152	0.44	43.81
1.89	0.28	44.57	61.93	17.16	0.638	37.104	11.154	0.44	44.57
1.90	0.29	45.32	62.22	17.29	0.566	37.106	11.156	0.46	45.32
1.91	0.29	46.03	62.51	17.42	0.494	37.107	11.157	0.46	46.03
1.92	0.29	46.73	62.80	17.56	0.424	37.109	11.158	0.46	46.73
1.93	0.29	47.43	63.09	17.70	0.354	37.110	11.159	0.46	47.43
1.94	0.29	48.12	63.38	17.84	0.286	37.110	11.160	0.46	48.12
1.95	0.29	48.82	63.67	17.98	0.220	37.111	11.161	0.46	48.82
1.96	0.29	49.13	63.96	18.12	0.156	37.111	11.161	0.46	49.13
1.97	0.29	49.45	64.25	18.26	0.094	37.112	11.161	0.46	49.45
1.98	0.29	49.77	64.54	18.40	0.034	37.112	11.161	0.46	49.77
1.99	0.29	50.08	64.83	18.54	0.0	37.112	11.161	0.46	50.08
2.00	0.28	50.39	65.11	18.68	0.0	37.112	11.161	0.45	50.39
2.01	0.27	50.41	65.38	18.81	0.0	37.112	11.161	0.43	50.41
2.02	0.26	50.44	65.64	18.94	0.0	37.112	11.161	0.41	50.44
2.03	0.24	50.46	65.88	19.05	0.0	37.112	11.161	0.38	50.46
2.04	0.23	50.48	66.11	19.16	0.0	37.112	11.161	0.37	50.48
2.05	0.23	50.50	66.34	19.27	0.0	37.112	11.161	0.37	50.50
2.06	0.23	51.54	66.57	19.38	0.0	37.112	11.161	0.37	51.54
2.07	0.23	52.57	66.80	19.50	0.0	37.112	11.161	0.37	52.57
2.08	0.24	53.60	67.04	19.62	0.0	37.112	11.161	0.38	53.60
2.09	0.25	54.63	67.29	19.75	0.0	37.112	11.161	0.40	54.63
2.10	0.26	55.64	67.55	19.89	0.0	37.112	11.161	0.41	55.64
2.11	0.29	56.34	67.84	20.04	0.0	37.112	11.161	0.46	56.34
2.12	0.32	57.04	68.16	20.22	0.0	37.112	11.161	0.51	57.04
2.13	0.35	57.74	68.51	20.41	0.0	37.112	11.161	0.56	57.74
2.14	0.36	58.43	68.87	20.61	0.0	37.112	11.161	0.57	58.43
2.15	0.38	59.11	69.25	20.82	0.0	37.112	11.161	0.60	59.11
2.16	0.38	59.64	69.63	21.03	0.0	37.112	11.161	0.60	59.64
2.17	0.38	60.17	70.01	21.24	0.0	37.112	11.161	0.60	60.17
2.18	0.38	60.69	70.39	21.45	0.0	37.112	11.161	0.60	60.69
2.19	0.37	61.21	70.76	21.66	0.0	37.112	11.161	0.59	61.21
2.20	0.35	61.73	71.11	21.86	0.0	37.112	11.161	0.56	61.73
2.21	0.30	62.15	71.41	22.03	0.0	37.112	11.161	0.48	62.15
2.22	0.25	62.56	71.66	22.17	0.0	37.112	11.161	0.40	62.56
2.23	0.21	62.98	71.87	22.29	0.0	37.112	11.161	0.33	62.98
2.24	0.18	63.39	72.05	22.39	0.0	37.112	11.161	0.29	63.39
2.25	0.17	63.81	72.22	22.49	0.0	37.112	11.161	0.27	63.81
2.26	0.17	64.09	72.39	22.59	0.0	37.112	11.161	0.27	64.09
2.27	0.18	64.37	72.57	22.69	0.0	37.112	11.161	0.29	64.37
2.28	0.21	64.65	72.78	22.81	0.0	37.112	11.161	0.33	64.65
2.29	0.25	64.92	73.03	22.96	0.0	37.112	11.161	0.40	64.92
2.30	0.30	65.20	73.33	23.13	0.0	37.112	11.161	0.48	65.20

2.31	1.55	65.20	74.88	24.00	0.0	37.112	11.161	2.46	65.20
2.32	1.54	65.21	76.42	24.83	0.0	37.112	11.161	2.45	65.21
2.33	1.53	65.21	77.95	25.62	0.0	37.112	11.161	2.43	65.21
2.34	1.53	65.21	79.48	26.39	0.0	37.112	11.161	2.43	65.21
2.35	1.52	65.22	81.00	27.11	0.0	37.112	11.161	2.42	65.22
2.36	1.51	65.22	82.51	27.81	0.0	37.112	11.161	2.40	65.22
2.37	1.51	65.22	84.02	28.48	0.0	37.112	11.161	2.40	65.22
2.38	1.50	65.23	85.52	29.13	0.0	37.112	11.161	2.39	65.23
2.39	1.49	65.23	87.01	29.75	0.0	37.112	11.161	2.37	65.23
2.40	1.49	65.23	88.50	30.34	0.0	37.112	11.161	2.37	65.23
2.41	1.48	65.23	89.98	30.92	0.0	37.112	11.161	2.35	65.23
2.42	1.48	65.24	91.46	31.47	0.0	37.112	11.161	2.35	65.24
2.43	1.47	65.24	92.93	32.01	0.0	37.112	11.161	2.34	65.24
2.44	1.46	65.24	94.39	32.52	0.0	37.112	11.161	2.32	65.24
2.45	1.46	65.25	95.85	33.02	0.0	37.112	11.161	2.32	65.25
2.46	0.29	67.36	96.14	33.12	0.0	37.112	11.161	0.46	67.36
2.47	0.29	69.46	96.43	33.23	0.0	37.112	11.161	0.46	69.46
2.48	0.28	71.55	96.71	33.34	0.0	37.112	11.161	0.45	71.55
2.49	0.28	73.63	96.99	33.46	0.0	37.112	11.161	0.45	73.63
2.50	0.28	75.70	97.27	33.58	0.0	37.112	11.161	0.45	75.70
2.51	0.28	77.77	97.55	33.71	0.0	37.112	11.161	0.45	77.77
2.52	0.28	79.83	97.83	33.84	0.0	37.112	11.161	0.45	79.83
2.53	0.28	81.88	98.11	33.98	0.0	37.112	11.161	0.45	81.88
2.54	0.28	83.92	98.39	34.12	0.0	37.112	11.161	0.45	83.92
2.55	0.28	85.95	98.67	34.27	0.0	37.112	11.161	0.45	85.95
2.56	0.28	87.98	98.95	34.42	0.0	37.112	11.161	0.45	87.98
2.57	0.27	89.99	99.22	34.57	0.0	37.112	11.161	0.43	89.99
2.58	0.27	92.00	99.49	34.73	0.0	37.112	11.161	0.43	92.00
2.59	0.27	94.01	99.76	34.89	0.0	37.112	11.161	0.43	94.01
2.60	0.27	96.00	100.03	35.05	0.0	37.112	11.161	0.43	96.00

		CLEAN COAL ASH %	11.16	REFUSE ASH %	49.15
HEAD ASH %	35.05	CLEAN COAL YIELD%	37.11	REFUSE YIELD%	62.89
THEO. YIELD	41.18	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.555	IMPERFECTION	0.024		
NEAR GRAVITY MAT	34.249				
ORGANIC EFFCY.	90.17				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 24 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.16 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ELEMENTAL ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	1.02	0.21	1.02	0.21	99.810	1.018	0.210	0.00	0.21
1.25	1.03	0.41	2.05	0.31	99.715	2.045	0.310	0.01	0.41
1.26	1.05	0.61	3.10	0.41	99.621	3.091	0.412	0.01	0.61
1.27	1.07	0.81	4.17	0.51	99.526	4.156	0.514	0.01	0.81
1.28	1.09	1.01	5.26	0.62	99.432	5.240	0.616	0.01	1.01
1.29	1.11	1.20	6.37	0.72	99.339	6.343	0.718	0.01	1.20
1.30	1.14	1.39	7.51	0.82	99.245	7.474	0.820	0.02	1.39
1.31	1.17	1.58	8.68	0.92	99.151	8.634	0.922	0.02	1.58
1.32	1.20	2.02	9.88	1.06	99.057	9.823	1.055	0.02	2.02
1.33	1.24	2.69	11.12	1.24	98.962	11.050	1.236	0.02	2.69
1.34	1.27	3.36	12.39	1.46	98.906	12.306	1.453	0.03	3.36
1.35	1.31	4.02	13.70	1.70	98.814	13.600	1.697	0.03	4.02
1.36	1.36	4.67	15.06	1.97	98.722	14.943	1.964	0.03	4.67
1.37	1.40	5.33	16.46	2.25	98.631	16.324	2.249	0.04	5.33
1.38	1.45	5.97	17.91	2.56	98.540	17.753	2.549	0.04	5.97
1.39	1.50	6.62	19.41	2.87	98.449	19.229	2.861	0.04	6.62
1.40	1.56	7.25	20.97	3.20	98.359	20.764	3.186	0.05	7.25
1.41	1.60	7.63	22.57	3.51	98.268	22.336	3.498	0.05	7.63
1.42	1.62	8.00	24.19	3.81	98.176	23.927	3.798	0.05	8.00
1.43	1.64	8.37	25.83	4.10	98.084	25.535	4.086	0.06	8.37
1.44	1.66	8.74	27.49	4.38	97.991	27.162	4.364	0.06	8.74
1.45	1.68	9.10	29.17	4.65	97.429	28.799	4.634	0.08	9.10
1.46	1.69	9.84	30.86	4.94	96.225	30.425	4.912	0.12	9.84
1.47	1.70	10.58	32.56	5.23	94.872	32.038	5.197	0.16	10.58
1.48	1.71	11.32	34.27	5.53	93.462	33.636	5.488	0.21	11.32
1.49	1.71	12.05	35.98	5.84	90.767	35.188	5.778	0.29	12.05
1.50	1.71	12.77	37.69	6.16	85.154	36.644	6.055	0.47	12.77
1.51	1.74	13.07	39.43	6.46	79.060	38.020	6.309	0.67	13.07
1.52	1.78	13.37	41.21	6.76	68.095	39.231	6.527	1.05	13.37
1.53	1.81	13.66	43.02	7.05	61.111	40.337	6.723	1.30	13.66
1.54	1.83	13.95	44.85	7.33	54.166	41.328	6.896	1.54	13.95
1.55	1.83	14.25	46.68	7.60	47.222	42.193	7.047	1.78	14.25
1.56	1.83	15.77	48.51	7.91	43.056	42.880	7.207	1.92	15.77
1.57	1.81	17.29	50.32	8.25	36.111	43.634	7.358	2.13	17.29
1.58	1.78	18.80	52.10	8.61	29.167	44.153	7.492	2.32	18.80
1.59	1.74	20.30	53.84	8.99	22.222	44.540	7.604	2.49	20.30
1.60	1.69	21.79	55.53	9.38	18.703	44.856	7.704	2.53	21.79
1.61	1.60	23.19	57.13	9.76	13.703	45.075	7.779	2.54	23.19
1.62	1.47	24.57	58.60	10.14	10.000	45.222	7.833	2.44	24.57
1.63	1.34	25.95	59.94	10.49	7.431	45.322	7.873	2.28	25.95
1.64	1.22	27.32	61.16	10.83	5.776	45.392	7.903	2.12	27.32
1.65	1.10	28.68	62.26	11.14	4.483	45.442	7.926	1.94	28.68
1.66	0.99	28.87	63.25	11.42	3.966	45.481	7.944	1.75	28.87
1.67	0.87	29.05	64.12	11.66	3.468	45.511	7.958	1.55	29.05
1.68	0.76	29.23	64.88	11.86	3.010	45.534	7.969	1.36	29.23
1.69	0.66	29.42	65.54	12.04	2.612	45.551	7.977	1.18	29.42
1.70	0.55	29.60	66.09	12.19	2.294	45.564	7.983	0.99	29.60

1.71	0.50	30.01	66.59	12.32	2.075	45.574	7.988	0.90	30.01
1.72	0.49	30.42	67.08	12.45	1.976	45.584	7.993	0.88	30.42
1.73	0.48	30.83	67.56	12.58	1.913	45.593	7.997	0.87	30.83
1.74	0.48	31.23	68.04	12.71	1.825	45.602	8.002	0.87	31.23
1.75	0.47	31.64	68.51	12.84	1.737	45.610	8.006	0.86	31.64
1.76	0.47	32.30	68.98	12.98	1.650	45.618	8.010	0.85	32.30
1.77	0.48	32.96	69.46	13.11	1.563	45.625	8.014	0.87	32.96
1.78	0.48	33.61	69.94	13.26	1.477	45.632	8.018	0.87	33.61
1.79	0.49	34.26	70.43	13.40	1.392	45.639	8.022	0.89	34.26
1.80	0.50	34.91	70.93	13.55	1.309	45.646	8.026	0.91	34.91
1.81	0.51	35.39	71.44	13.71	1.228	45.652	8.030	0.93	35.39
1.82	0.51	35.87	71.95	13.87	1.149	45.658	8.033	0.93	35.87
1.83	0.51	36.35	72.46	14.02	1.073	45.663	8.037	0.93	36.35
1.84	0.51	36.82	72.97	14.18	1.000	45.668	8.040	0.93	36.82
1.85	0.51	37.29	73.48	14.34	0.928	45.673	8.043	0.93	37.29
1.86	0.51	37.82	73.99	14.51	0.856	45.677	8.046	0.93	37.82
1.87	0.51	38.35	74.50	14.67	0.783	45.681	8.048	0.93	38.35
1.88	0.51	38.88	75.01	14.83	0.711	45.685	8.051	0.93	38.88
1.89	0.50	39.41	75.51	15.00	0.638	45.688	8.053	0.91	39.41
1.90	0.50	39.93	76.01	15.16	0.566	45.691	8.055	0.92	39.93
1.91	0.50	40.27	76.51	15.32	0.494	45.694	8.057	0.92	40.27
1.92	0.49	40.60	77.00	15.49	0.424	45.696	8.058	0.90	40.60
1.93	0.49	40.94	77.49	15.65	0.354	45.697	8.060	0.90	40.94
1.94	0.49	41.27	77.98	15.81	0.286	45.699	8.061	0.90	41.27
1.95	0.48	41.61	78.46	15.97	0.220	45.700	8.061	0.88	41.61
1.96	0.48	42.08	78.94	16.12	0.156	45.701	8.062	0.88	42.08
1.97	0.48	42.56	79.42	16.28	0.094	45.701	8.062	0.88	42.56
1.98	0.48	43.03	79.90	16.44	0.034	45.701	8.062	0.88	43.03
1.99	0.48	43.51	80.38	16.61	0.0	45.701	8.062	0.88	43.51
2.00	0.48	43.97	80.86	16.77	0.0	45.701	8.062	0.88	43.97
2.01	0.48	44.28	81.34	16.93	0.0	45.701	8.062	0.88	44.28
2.02	0.48	44.58	81.82	17.09	0.0	45.701	8.062	0.88	44.58
2.03	0.47	44.87	82.29	17.25	0.0	45.701	8.062	0.87	44.87
2.04	0.47	45.17	82.76	17.41	0.0	45.701	8.062	0.87	45.17
2.05	0.46	45.47	83.22	17.57	0.0	45.701	8.062	0.85	45.47
2.06	0.45	45.57	83.67	17.72	0.0	45.701	8.062	0.83	45.57
2.07	0.45	45.67	84.12	17.87	0.0	45.701	8.062	0.83	45.67
2.08	0.44	45.77	84.56	18.01	0.0	45.701	8.062	0.81	45.77
2.09	0.44	45.88	85.00	18.16	0.0	45.701	8.062	0.81	45.88
2.10	0.43	45.98	85.43	18.30	0.0	45.701	8.062	0.79	45.98
2.11	0.41	46.10	85.84	18.43	0.0	45.701	8.062	0.76	46.10
2.12	0.37	46.23	86.21	18.55	0.0	45.701	8.062	0.68	46.23
2.13	0.33	46.36	86.54	18.65	0.0	45.701	8.062	0.61	46.36
2.14	0.30	46.49	86.84	18.75	0.0	45.701	8.062	0.55	46.49
2.15	0.28	46.61	87.12	18.84	0.0	45.701	8.062	0.52	46.61
2.16	0.25	46.74	87.37	18.92	0.0	45.701	8.062	0.46	46.74
2.17	0.24	46.86	87.61	19.00	0.0	45.701	8.062	0.44	46.86
2.18	0.22	46.99	87.83	19.07	0.0	45.701	8.062	0.41	46.99
2.19	0.22	47.11	88.05	19.14	0.0	45.701	8.062	0.41	47.11
2.20	0.21	47.24	88.26	19.20	0.0	45.701	8.062	0.39	47.24
2.21	0.21	47.24	88.47	19.27	0.0	45.701	8.062	0.39	47.24
2.22	0.16	47.24	88.63	19.32	0.0	45.701	8.062	0.29	47.24
2.23	0.13	47.24	88.76	19.36	0.0	45.701	8.062	0.24	47.24
2.24	0.11	47.24	88.87	19.39	0.0	45.701	8.062	0.20	47.24
2.25	0.10	47.24	88.97	19.43	0.0	45.701	8.062	0.18	47.24
2.26	0.08	47.65	89.05	19.45	0.0	45.701	8.062	0.15	47.65
2.27	0.09	48.07	89.14	19.48	0.0	45.701	8.062	0.17	48.07
2.28	0.11	48.48	89.25	19.52	0.0	45.701	8.062	0.20	48.48
2.29	0.14	48.90	89.39	19.56	0.0	45.701	8.062	0.26	48.90
2.30	0.17	49.31	89.56	19.62	0.0	45.701	8.062	0.31	49.31

2.31	0.37	49.31	89.93	19.74	0.0	45.701	8.062	0.68	49.31
2.32	0.37	49.31	90.30	19.86	0.0	45.701	8.062	0.68	49.31
2.33	0.37	49.31	90.67	19.98	0.0	45.701	8.062	0.68	49.31
2.34	0.36	49.31	91.03	20.10	0.0	45.701	8.062	0.66	49.31
2.35	0.36	49.31	91.39	20.21	0.0	45.701	8.062	0.66	49.31
2.36	0.36	49.31	91.75	20.33	0.0	45.701	8.062	0.66	49.31
2.37	0.36	49.31	92.11	20.44	0.0	45.701	8.062	0.66	49.31
2.38	0.36	49.31	92.47	20.55	0.0	45.701	8.062	0.66	49.31
2.39	0.36	49.31	92.83	20.66	0.0	45.701	8.062	0.66	49.31
2.40	0.35	49.31	93.18	20.77	0.0	45.701	8.062	0.64	49.31
2.41	0.35	49.31	93.53	20.88	0.0	45.701	8.062	0.64	49.31
2.42	0.35	49.31	93.88	20.98	0.0	45.701	8.062	0.64	49.31
2.43	0.35	49.31	94.23	21.09	0.0	45.701	8.062	0.64	49.31
2.44	0.35	49.31	94.58	21.19	0.0	45.701	8.062	0.64	49.31
2.45	0.35	49.31	94.93	21.30	0.0	45.701	8.062	0.64	49.31
2.46	0.35	52.51	95.28	21.41	0.0	45.701	8.062	0.64	52.51
2.47	0.34	55.69	95.62	21.53	0.0	45.701	8.062	0.63	55.69
2.48	0.34	58.87	95.96	21.67	0.0	45.701	8.062	0.63	58.87
2.49	0.34	62.03	96.30	21.81	0.0	45.701	8.062	0.63	62.03
2.50	0.34	65.18	96.64	21.96	0.0	45.701	8.062	0.63	65.18
2.51	0.34	68.32	96.98	22.12	0.0	45.701	8.062	0.63	68.32
2.52	0.34	71.44	97.32	22.30	0.0	45.701	8.062	0.63	71.44
2.53	0.34	74.55	97.66	22.48	0.0	45.701	8.062	0.63	74.55
2.54	0.33	77.65	97.99	22.66	0.0	45.701	8.062	0.61	77.65
2.55	0.33	80.74	98.32	22.86	0.0	45.701	8.062	0.61	80.74
2.56	0.33	83.82	98.65	23.06	0.0	45.701	8.062	0.61	83.82
2.57	0.33	86.88	98.98	23.28	0.0	45.701	8.062	0.61	86.88
2.58	0.33	89.93	99.31	23.50	0.0	45.701	8.062	0.61	89.93
2.59	0.33	92.97	99.64	23.73	0.0	45.701	8.062	0.61	92.97
2.60	0.33	96.00	99.97	23.97	0.0	45.701	8.062	0.61	96.00

		CLEAN COAL ASH %	8.06	REFUSE ASH %	37.35
HEAD ASH %	23.97	CLEAN COAL YIELD%	45.70	REFUSE YIELD%	54.30
THEO. YIELD	49.31	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.564	IMPERFECTION	0.024		
NEAR GRAVITY MAT	32.022				
ORGANIC EFFCY.	92.68				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 41 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.83 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	1.03	0.59	1.03	0.59	99.810	1.028	0.590	0.01	0.59
1.25	1.02	1.17	2.05	0.88	99.715	2.045	0.878	0.01	1.17
1.26	1.01	1.74	3.06	1.16	99.621	3.051	1.163	0.01	1.74
1.27	1.00	2.31	4.06	1.45	99.526	4.047	1.445	0.01	2.31
1.28	0.99	2.88	5.05	1.73	99.432	5.031	1.726	0.02	2.88
1.29	0.99	3.44	6.04	2.01	99.339	6.014	2.006	0.02	3.44
1.30	0.98	3.99	7.02	2.28	99.245	6.987	2.282	0.02	3.99
1.31	0.97	4.54	7.99	2.56	99.151	7.949	2.555	0.03	4.54
1.32	0.96	4.92	8.95	2.81	99.057	8.900	2.808	0.03	4.92
1.33	0.96	5.12	9.91	3.04	98.962	9.850	3.031	0.03	5.12
1.34	0.95	5.31	10.86	3.23	98.906	10.789	3.229	0.03	5.31
1.35	0.94	5.51	11.80	3.42	98.814	11.718	3.410	0.03	5.51
1.36	0.94	5.70	12.74	3.58	98.722	12.646	3.578	0.04	5.70
1.37	0.93	5.89	13.67	3.74	98.631	13.563	3.735	0.04	5.89
1.38	0.92	6.09	14.59	3.89	98.540	14.470	3.882	0.04	6.09
1.39	0.92	6.28	15.51	4.03	98.449	15.376	4.023	0.04	6.28
1.40	0.91	6.46	16.42	4.17	98.359	16.271	4.157	0.05	6.46
1.41	3.53	6.56	19.95	4.59	98.268	19.740	4.580	0.19	6.56
1.42	4.63	6.65	24.58	4.98	98.176	24.285	4.967	0.26	6.65
1.43	5.42	6.74	30.00	5.30	98.084	29.601	5.286	0.32	6.74
1.44	5.90	6.83	35.90	5.55	97.991	35.383	5.538	0.36	6.83
1.45	6.07	6.92	41.97	5.75	97.429	41.297	5.736	0.48	6.92
1.46	5.92	8.24	47.89	6.05	96.225	46.993	6.039	0.69	8.24
1.47	5.47	9.55	53.36	6.41	94.872	52.183	6.389	0.86	9.55
1.48	4.70	10.85	58.06	6.77	93.462	56.575	6.735	0.94	10.85
1.49	3.62	12.14	61.68	7.09	90.767	59.861	7.032	1.03	12.14
1.50	2.23	13.43	63.91	7.31	85.154	61.760	7.228	1.02	13.43
1.51	1.40	14.77	65.31	7.47	79.060	62.867	7.361	0.90	14.77
1.52	1.32	16.10	66.63	7.64	68.055	63.765	7.484	1.29	16.10
1.53	1.24	17.43	67.87	7.82	61.111	64.523	7.601	1.48	17.43
1.54	1.16	18.74	69.03	8.00	54.166	65.151	7.708	1.63	18.74
1.55	1.08	20.05	70.11	8.19	47.222	65.661	7.804	1.75	20.05
1.56	1.00	20.63	71.11	8.36	43.056	66.092	7.888	1.75	20.63
1.57	0.92	21.21	72.03	8.53	36.111	66.424	7.955	1.80	21.21
1.58	0.83	21.78	72.86	8.68	29.167	66.666	8.005	1.80	21.78
1.59	0.74	22.35	73.60	8.81	22.222	66.831	8.040	1.77	22.35
1.60	0.65	22.91	74.25	8.94	18.703	66.952	8.067	1.62	22.91
1.61	0.62	23.62	74.87	9.06	13.703	67.037	8.087	1.64	23.62
1.62	0.64	24.32	75.51	9.19	10.000	67.101	8.102	1.77	24.32
1.63	0.64	25.02	76.15	9.32	7.431	67.149	8.114	1.82	25.02
1.64	0.64	25.71	76.79	9.46	5.776	67.186	8.124	1.85	25.71
1.65	0.63	26.40	77.42	9.60	4.483	67.214	8.132	1.85	26.40
1.66	0.61	27.00	78.03	9.73	3.966	67.238	8.138	1.80	27.00
1.67	0.58	27.60	78.61	9.86	3.468	67.258	8.144	1.72	27.60
1.68	0.54	28.20	79.15	9.99	3.010	67.275	8.149	1.61	28.20
1.69	0.49	28.79	79.64	10.11	2.612	67.287	8.153	1.46	28.79
1.70	0.43	29.38	80.07	10.21	2.294	67.297	8.156	1.29	29.38

1.71	0.39	30.01	80.46	10.30	2.075	67.305	8.159	1.17	30.01
1.72	0.39	30.63	80.85	10.40	1.976	67.313	8.161	1.17	30.63
1.73	0.38	31.25	81.23	10.50	1.913	67.320	8.164	1.14	31.25
1.74	0.37	31.87	81.60	10.60	1.825	67.327	8.166	1.11	31.87
1.75	0.37	32.48	81.97	10.70	1.737	67.334	8.168	1.12	32.48
1.76	0.36	32.57	82.33	10.79	1.650	67.339	8.171	1.09	32.57
1.77	0.35	32.66	82.68	10.88	1.563	67.345	8.173	1.06	32.66
1.78	0.35	32.76	83.03	10.98	1.477	67.350	8.175	1.06	32.76
1.79	0.34	32.85	83.37	11.07	1.392	67.355	8.176	1.03	32.85
1.80	0.33	32.94	83.70	11.15	1.309	67.359	8.178	1.00	32.94
1.81	0.33	32.94	84.03	11.24	1.228	67.363	8.179	1.00	32.94
1.82	0.31	32.94	84.34	11.32	1.149	67.367	8.181	0.94	32.94
1.83	0.30	32.94	84.64	11.39	1.073	67.370	8.182	0.91	32.94
1.84	0.29	32.94	84.93	11.47	1.000	67.373	8.183	0.88	32.94
1.85	0.29	32.94	85.22	11.54	0.928	67.376	8.184	0.88	32.94
1.86	0.27	34.09	85.49	11.61	0.856	67.378	8.185	0.82	34.09
1.87	0.27	35.24	85.76	11.69	0.783	67.380	8.186	0.82	35.24
1.88	0.28	36.38	86.04	11.77	0.711	67.382	8.186	0.85	36.38
1.89	0.30	37.51	86.34	11.86	0.638	67.384	8.187	0.91	37.51
1.90	0.31	38.64	86.65	11.95	0.566	67.386	8.188	0.95	38.64
1.91	0.37	39.30	87.02	12.07	0.494	67.387	8.189	1.13	39.30
1.92	0.43	39.96	87.45	12.21	0.424	67.389	8.190	1.31	39.96
1.93	0.48	40.62	87.93	12.36	0.354	67.391	8.191	1.47	40.62
1.94	0.51	41.27	88.44	12.53	0.286	67.392	8.191	1.56	41.27
1.95	0.52	41.92	88.96	12.70	0.220	67.394	8.192	1.59	41.92
1.96	0.52	42.93	89.48	12.87	0.156	67.394	8.192	1.59	42.93
1.97	0.51	43.94	89.99	13.05	0.094	67.395	8.193	1.56	43.94
1.98	0.48	44.94	90.47	13.22	0.034	67.395	8.193	1.47	44.94
1.99	0.44	45.94	90.91	13.38	0.0	67.395	8.193	1.35	45.94
2.00	0.38	46.93	91.29	13.52	0.0	67.395	8.193	1.17	46.93
2.01	0.34	47.90	91.63	13.65	0.0	67.395	8.193	1.04	47.90
2.02	0.32	48.87	91.95	13.77	0.0	67.395	8.193	0.98	48.87
2.03	0.30	49.82	92.25	13.89	0.0	67.395	8.193	0.92	49.82
2.04	0.29	50.78	92.54	14.00	0.0	67.395	8.193	0.89	50.78
2.05	0.27	51.73	92.81	14.11	0.0	67.395	8.193	0.83	51.73
2.06	0.25	52.19	93.06	14.21	0.0	67.395	8.193	0.77	52.19
2.07	0.23	52.65	93.29	14.31	0.0	67.395	8.193	0.71	52.65
2.08	0.21	53.10	93.50	14.39	0.0	67.395	8.193	0.64	53.10
2.09	0.19	53.55	93.69	14.47	0.0	67.395	8.193	0.58	53.55
2.10	0.16	54.00	93.85	14.54	0.0	67.395	8.193	0.49	54.00
2.11	0.15	54.39	94.00	14.61	0.0	67.395	8.193	0.46	54.39
2.12	0.15	54.78	94.15	14.67	0.0	67.395	8.193	0.46	54.78
2.13	0.14	55.16	94.29	14.73	0.0	67.395	8.193	0.43	55.16
2.14	0.13	55.55	94.42	14.79	0.0	67.395	8.193	0.40	55.55
2.15	0.13	55.93	94.55	14.84	0.0	67.395	8.193	0.40	55.93
2.16	0.12	56.16	94.67	14.89	0.0	67.395	8.193	0.37	56.16
2.17	0.11	56.40	94.78	14.94	0.0	67.395	8.193	0.34	56.40
2.18	0.10	56.63	94.88	14.99	0.0	67.395	8.193	0.31	56.63
2.19	0.10	56.86	94.98	15.03	0.0	67.395	8.193	0.31	56.86
2.20	0.09	57.10	95.07	15.07	0.0	67.395	8.193	0.28	57.10
2.21	0.07	57.20	95.14	15.10	0.0	67.395	8.193	0.21	57.20
2.22	0.06	57.30	95.20	15.13	0.0	67.395	8.193	0.18	57.30
2.23	0.05	57.40	95.25	15.15	0.0	67.395	8.193	0.15	57.40
2.24	0.04	57.50	95.29	15.17	0.0	67.395	8.193	0.12	57.50
2.25	0.04	57.60	95.33	15.19	0.0	67.395	8.193	0.12	57.60
2.26	0.04	58.06	95.37	15.20	0.0	67.395	8.193	0.12	58.06
2.27	0.05	58.52	95.42	15.23	0.0	67.395	8.193	0.15	58.52
2.28	0.05	58.99	95.47	15.25	0.0	67.395	8.193	0.15	58.99
2.29	0.07	59.45	95.54	15.28	0.0	67.395	8.193	0.21	59.45
2.30	0.08	59.90	95.62	15.32	0.0	67.395	8.193	0.25	59.90

2.31	0.18	59.90	95.80	15.40	0.0	67.395	8.193	0.55	59.90
2.32	0.18	59.91	95.98	15.49	0.0	67.395	8.193	0.55	59.91
2.33	0.18	59.91	96.16	15.57	0.0	67.395	8.193	0.55	59.91
2.34	0.18	59.91	96.34	15.65	0.0	67.395	8.193	0.55	59.91
2.35	0.18	59.91	96.52	15.73	0.0	67.395	8.193	0.55	59.91
2.36	0.18	59.91	96.70	15.82	0.0	67.395	8.193	0.55	59.91
2.37	0.18	59.91	96.88	15.90	0.0	67.395	8.193	0.55	59.91
2.38	0.18	59.91	97.06	15.98	0.0	67.395	8.193	0.55	59.91
2.39	0.18	59.91	97.24	16.06	0.0	67.395	8.193	0.55	59.91
2.40	0.18	59.91	97.42	16.14	0.0	67.395	8.193	0.55	59.91
2.41	0.18	59.92	97.60	16.22	0.0	67.395	8.193	0.55	59.92
2.42	0.18	59.92	97.78	16.30	0.0	67.395	8.193	0.55	59.92
2.43	0.18	59.92	97.96	16.38	0.0	67.395	8.193	0.55	59.92
2.44	0.17	59.92	98.13	16.46	0.0	67.395	8.193	0.52	59.92
2.45	0.17	59.92	98.30	16.53	0.0	67.395	8.193	0.52	59.92
2.46	0.12	62.39	98.42	16.59	0.0	67.395	8.193	0.37	62.39
2.47	0.12	64.86	98.54	16.65	0.0	67.395	8.193	0.37	64.86
2.48	0.12	67.31	98.66	16.71	0.0	67.395	8.193	0.37	67.31
2.49	0.12	69.75	98.78	16.78	0.0	67.395	8.193	0.37	69.75
2.50	0.12	72.19	98.90	16.84	0.0	67.395	8.193	0.37	72.19
2.51	0.12	74.61	99.02	16.91	0.0	67.395	8.193	0.37	74.61
2.52	0.11	77.02	99.13	16.98	0.0	67.395	8.193	0.34	77.02
2.53	0.11	79.43	99.24	17.05	0.0	67.395	8.193	0.34	79.43
2.54	0.11	81.82	99.35	17.12	0.0	67.395	8.193	0.34	81.82
2.55	0.11	84.21	99.46	17.19	0.0	67.395	8.193	0.34	84.21
2.56	0.11	86.59	99.57	17.27	0.0	67.395	8.193	0.34	86.59
2.57	0.11	88.95	99.68	17.35	0.0	67.395	8.193	0.34	88.95
2.58	0.11	91.31	99.79	17.43	0.0	67.395	8.193	0.34	91.31
2.59	0.11	93.66	99.90	17.52	0.0	67.395	8.193	0.34	93.66
2.60	0.11	96.00	100.01	17.60	0.0	67.395	8.193	0.34	96.00

		CLEAN COAL ASH %	8.19	REFUSE ASH %	37.05
HEAD ASH %	17.60	CLEAN COAL YIELD%	67.40	REFUSE YIELD%	32.60
THEO. YIELD	70.14	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.550	IMPERFECTION	0.024		
NEAR GRAVITY MAT	35.290				
ORGANIC EFFCY.	96.09				

(2)

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 42 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.00 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	0.47	0.36	0.47	0.36	99.810	0.469	0.360	0.00	0.36
1.25	0.47	0.70	0.94	0.53	99.715	0.938	0.530	0.00	0.70
1.26	0.46	1.04	1.40	0.70	99.621	1.396	0.697	0.00	1.04
1.27	0.46	1.38	1.86	0.87	99.526	1.854	0.866	0.00	1.38
1.28	0.45	1.72	2.31	1.03	99.432	2.301	1.032	0.00	1.72
1.29	0.45	2.05	2.76	1.20	99.339	2.748	1.198	0.00	2.05
1.30	0.45	2.38	3.21	1.36	99.245	3.195	1.363	0.01	2.38
1.31	0.44	2.71	3.65	1.53	99.151	3.631	1.525	0.01	2.71
1.32	0.44	3.10	4.09	1.70	99.057	4.067	1.694	0.01	3.10
1.33	0.44	3.55	4.53	1.88	98.962	4.502	1.873	0.01	3.55
1.34	0.43	4.00	4.96	2.06	98.906	4.928	2.057	0.01	4.00
1.35	0.43	4.44	5.39	2.25	98.814	5.353	2.246	0.01	4.44
1.36	0.43	4.88	5.82	2.44	98.722	5.777	2.439	0.01	4.88
1.37	0.42	5.32	6.24	2.64	98.631	6.191	2.632	0.01	5.32
1.38	0.42	5.76	6.66	2.83	98.540	6.605	2.828	0.01	5.76
1.39	0.42	6.19	7.08	3.03	98.449	7.019	3.026	0.01	6.19
1.40	0.42	6.62	7.50	3.23	98.359	7.432	3.226	0.01	6.62
1.41	2.14	6.99	9.64	4.07	98.268	9.535	4.056	0.06	6.99
1.42	2.79	7.35	12.43	4.80	98.176	12.274	4.791	0.08	7.35
1.43	3.27	7.72	15.70	5.41	98.084	15.481	5.398	0.10	7.72
1.44	3.56	8.08	19.26	5.91	97.991	18.970	5.891	0.12	8.08
1.45	3.67	8.44	22.93	6.31	97.429	22.545	6.295	0.16	8.44
1.46	3.59	9.18	26.52	6.70	96.225	26.000	6.679	0.22	9.18
1.47	3.34	9.91	29.86	7.06	94.872	29.169	7.030	0.28	9.91
1.48	2.90	10.63	32.76	7.37	93.462	31.879	7.336	0.31	10.63
1.49	2.27	11.35	35.03	7.63	90.767	33.939	7.580	0.34	11.35
1.50	1.47	12.07	36.50	7.81	85.154	35.191	7.739	0.36	12.07
1.51	0.98	12.83	37.48	7.94	79.060	35.966	7.849	0.34	12.83
1.52	0.93	13.59	38.41	8.08	68.095	36.599	7.948	0.49	13.59
1.53	0.88	14.34	39.29	8.22	61.111	37.137	8.041	0.56	14.34
1.54	0.83	15.09	40.12	8.36	54.166	37.586	8.125	0.63	15.09
1.55	0.77	15.83	40.89	8.50	47.222	37.950	8.199	0.67	15.83
1.56	0.71	16.56	41.60	8.64	43.056	38.255	8.266	0.66	16.56
1.57	0.65	17.28	42.25	8.77	36.111	38.490	8.321	0.68	17.28
1.58	0.58	18.00	42.83	8.90	29.167	38.659	8.363	0.68	18.00
1.59	0.51	18.72	43.34	9.01	22.222	38.773	8.393	0.65	18.72
1.60	0.44	19.43	43.78	9.12	18.703	38.855	8.417	0.59	19.43
1.61	0.39	20.06	44.17	9.21	13.703	38.908	8.433	0.55	20.06
1.62	0.36	20.69	44.53	9.31	10.000	38.944	8.444	0.53	20.69
1.63	0.35	21.32	44.88	9.40	7.431	38.970	8.453	0.53	21.32
1.64	0.34	21.94	45.22	9.49	5.776	38.990	8.459	0.53	21.94
1.65	0.34	22.55	45.56	9.59	4.483	39.005	8.465	0.53	22.55
1.66	0.35	23.34	45.91	9.70	3.966	39.019	8.470	0.55	23.34
1.67	0.36	24.11	46.27	9.81	3.468	39.032	8.475	0.57	24.11
1.68	0.38	24.89	46.65	9.93	3.010	39.043	8.480	0.61	24.89
1.69	0.41	25.66	47.06	10.07	2.612	39.054	8.485	0.66	25.66
1.70	0.44	26.42	47.50	10.22	2.294	39.064	8.489	0.71	26.42

1.71	0.50	26.86	48.00	10.39	2.075	39.074	8.494	0.81	26.86
1.72	0.55	27.30	48.55	10.59	1.976	39.085	8.499	0.89	27.30
1.73	0.59	27.74	49.14	10.79	1.913	39.096	8.505	0.95	27.74
1.74	0.61	28.17	49.75	11.00	1.825	39.108	8.511	0.98	28.17
1.75	0.62	28.60	50.37	11.22	1.737	39.118	8.516	1.00	28.60
1.76	0.60	29.79	50.97	11.44	1.650	39.128	8.522	0.97	29.79
1.77	0.57	30.98	51.54	11.66	1.563	39.137	8.527	0.92	30.98
1.78	0.52	32.16	52.06	11.86	1.477	39.145	8.531	0.84	32.16
1.79	0.45	33.34	52.51	12.04	1.392	39.151	8.535	0.73	33.34
1.80	0.37	34.51	52.88	12.20	1.309	39.156	8.538	0.60	34.51
1.81	0.30	35.50	53.18	12.33	1.228	39.160	8.541	0.49	35.50
1.82	0.26	36.48	53.44	12.45	1.149	39.163	8.543	0.42	36.48
1.83	0.24	37.46	53.68	12.56	1.073	39.165	8.545	0.39	37.46
1.84	0.22	38.44	53.90	12.67	1.000	39.167	8.547	0.36	38.44
1.85	0.20	39.41	54.10	12.77	0.928	39.169	8.548	0.33	39.41
1.86	0.20	40.14	54.30	12.87	0.856	39.171	8.550	0.33	40.14
1.87	0.20	40.87	54.50	12.97	0.783	39.173	8.551	0.33	40.87
1.88	0.21	41.60	54.71	13.08	0.711	39.174	8.552	0.34	41.60
1.89	0.23	42.32	54.94	13.20	0.638	39.176	8.553	0.38	42.32
1.90	0.26	43.04	55.20	13.34	0.566	39.177	8.555	0.43	43.04
1.91	0.29	43.60	55.49	13.50	0.494	39.178	8.556	0.47	43.60
1.92	0.30	44.16	55.79	13.67	0.424	39.180	8.557	0.49	44.16
1.93	0.31	44.71	56.10	13.84	0.354	39.181	8.558	0.51	44.71
1.94	0.32	45.27	56.42	14.02	0.286	39.182	8.559	0.52	45.27
1.95	0.32	45.81	56.74	14.20	0.220	39.182	8.560	0.53	45.81
1.96	0.31	46.78	57.05	14.37	0.156	39.183	8.560	0.51	46.78
1.97	0.31	47.75	57.36	14.55	0.094	39.183	8.560	0.51	47.75
1.98	0.30	48.71	57.66	14.73	0.034	39.183	8.560	0.49	48.71
1.99	0.28	49.67	57.94	14.90	0.0	39.183	8.560	0.46	49.67
2.00	0.26	50.62	58.20	15.06	0.0	39.183	8.560	0.43	50.62
2.01	0.09	51.50	58.29	15.12	0.0	39.183	8.560	0.15	51.50
2.02	0.08	52.38	58.37	15.17	0.0	39.183	8.560	0.13	52.38
2.03	0.08	53.25	58.45	15.22	0.0	39.183	8.560	0.13	53.25
2.04	0.07	54.12	58.52	15.27	0.0	39.183	8.560	0.12	54.12
2.05	0.07	54.99	58.59	15.31	0.0	39.183	8.560	0.12	54.99
2.06	0.29	54.99	58.88	15.51	0.0	39.183	8.560	0.48	54.99
2.07	0.27	54.99	59.15	15.69	0.0	39.183	8.560	0.44	54.99
2.08	0.26	54.99	59.41	15.86	0.0	39.183	8.560	0.43	54.99
2.09	0.25	54.99	59.66	16.02	0.0	39.183	8.560	0.41	54.99
2.10	0.25	54.99	59.91	16.19	0.0	39.183	8.560	0.41	54.99
2.11	0.17	54.99	60.08	16.30	0.0	39.183	8.560	0.28	54.99
2.12	0.14	54.99	60.22	16.39	0.0	39.183	8.560	0.23	54.99
2.13	0.11	54.99	60.33	16.46	0.0	39.183	8.560	0.18	54.99
2.14	0.09	54.99	60.42	16.51	0.0	39.183	8.560	0.15	54.99
2.15	0.07	54.99	60.49	16.56	0.0	39.183	8.560	0.12	54.99
2.16	0.02	55.77	60.51	16.57	0.0	39.183	8.560	0.03	55.77
2.17	0.02	56.55	60.53	16.58	0.0	39.183	8.560	0.03	56.55
2.18	0.02	57.33	60.55	16.60	0.0	39.183	8.560	0.03	57.33
2.19	0.03	58.10	60.58	16.62	0.0	39.183	8.560	0.05	58.10
2.20	0.03	58.86	60.61	16.64	0.0	39.183	8.560	0.05	58.86
2.21	0.12	59.14	60.73	16.72	0.0	39.183	8.560	0.20	59.14
2.22	0.16	59.42	60.89	16.84	0.0	39.183	8.560	0.26	59.42
2.23	0.20	59.70	61.09	16.98	0.0	39.183	8.560	0.33	59.70
2.24	0.24	59.97	61.33	17.14	0.0	39.183	8.560	0.39	59.97
2.25	0.28	60.25	61.61	17.34	0.0	39.183	8.560	0.46	60.25
2.26	0.32	61.34	61.93	17.57	0.0	39.183	8.560	0.53	61.34
2.27	0.36	62.42	62.29	17.83	0.0	39.183	8.560	0.59	62.42
2.28	0.40	63.50	62.69	18.12	0.0	39.183	8.560	0.66	63.50
2.29	0.43	64.58	63.12	18.44	0.0	39.183	8.560	0.71	64.58
2.30	0.46	65.65	63.58	18.78	0.0	39.183	8.560	0.76	65.65

2.31	1.29	65.91	64.87	19.71	0.0	39.183	8.560	2.12	65.91
2.32	1.28	66.17	66.15	20.61	0.0	39.183	8.560	2.10	66.17
2.33	1.28	66.43	67.43	21.48	0.0	39.183	8.560	2.10	66.43
2.34	1.27	66.69	68.70	22.32	0.0	39.183	8.560	2.09	66.69
2.35	1.27	66.94	69.97	23.13	0.0	39.183	8.560	2.09	66.94
2.36	1.26	67.20	71.23	23.91	0.0	39.183	8.560	2.07	67.20
2.37	1.25	67.45	72.48	24.66	0.0	39.183	8.560	2.06	67.45
2.38	1.25	67.70	73.73	25.39	0.0	39.183	8.560	2.06	67.70
2.39	1.24	67.95	74.97	26.09	0.0	39.183	8.560	2.04	67.95
2.40	1.24	68.20	76.21	26.78	0.0	39.183	8.560	2.04	68.20
2.41	1.23	68.45	77.44	27.44	0.0	39.183	8.560	2.02	68.45
2.42	1.23	68.70	78.67	28.08	0.0	39.183	8.560	2.02	68.70
2.43	1.22	68.95	79.89	28.71	0.0	39.183	8.560	2.01	68.95
2.44	1.22	69.19	81.11	29.32	0.0	39.183	8.560	2.01	69.19
2.45	1.21	69.44	82.32	29.91	0.0	39.183	8.560	1.99	69.44
2.46	1.21	71.26	83.53	30.51	0.0	39.183	8.560	1.99	71.26
2.47	1.20	73.07	84.73	31.11	0.0	39.183	8.560	1.97	73.07
2.48	1.20	74.88	85.93	31.72	0.0	39.183	8.560	1.97	74.88
2.49	1.19	76.68	87.12	32.33	0.0	39.183	8.560	1.96	76.68
2.50	1.19	78.47	88.31	32.96	0.0	39.183	8.560	1.96	78.47
2.51	1.18	80.25	89.49	33.58	0.0	39.183	8.560	1.94	80.25
2.52	1.18	82.03	90.67	34.21	0.0	39.183	8.560	1.94	82.03
2.53	1.17	83.80	91.84	34.84	0.0	39.183	8.560	1.92	83.80
2.54	1.17	85.56	93.01	35.46	0.0	39.183	8.560	1.92	85.56
2.55	1.17	87.32	94.18	36.12	0.0	39.183	8.560	1.92	87.32
2.56	1.16	89.07	95.34	36.77	0.0	39.183	8.560	1.91	89.07
2.57	1.16	90.81	96.50	37.42	0.0	39.183	8.560	1.91	90.81
2.58	1.15	92.55	97.65	38.07	0.0	39.183	8.560	1.89	92.55
2.59	1.15	94.28	98.80	38.72	0.0	39.183	8.560	1.89	94.28
2.60	1.14	96.00	99.94	39.37	0.0	39.183	8.560	1.87	96.00

HEAD ASH %	39.37	CLEAN COAL ASH %	8.56	REFUSE ASH %	59.23
THEO. YIELD	41.19	CLEAN COAL YIELD%	39.18	REFUSE YIELD%	60.82
SG OF SEPARATION	1.554	ECART PROB. MOYEN	0.0364		
NEAR GRAVITY MAT	21.250	IMPERFECTION	0.024		
ORGANIC EFFCY.	95.12				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 43 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.79 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	0.32	0.29	0.32	0.29	99.810	0.319	0.290	0.00	0.29
1.25	0.32	0.56	0.64	0.42	99.715	0.638	0.425	0.00	0.56
1.26	0.32	0.83	0.96	0.56	99.621	0.957	0.560	0.00	0.83
1.27	0.32	1.11	1.28	0.70	99.526	1.276	0.697	0.00	1.11
1.28	0.31	1.37	1.59	0.83	99.432	1.584	0.828	0.00	1.37
1.29	0.31	1.64	1.90	0.96	99.339	1.892	0.960	0.00	1.64
1.30	0.31	1.90	2.21	1.09	99.245	2.200	1.092	0.00	1.90
1.31	0.31	2.17	2.52	1.23	99.151	2.507	1.224	0.00	2.17
1.32	0.30	2.60	2.82	1.37	99.057	2.804	1.370	0.00	2.60
1.33	0.30	3.21	3.12	1.55	98.962	3.101	1.546	0.01	3.21
1.34	0.30	3.82	3.42	1.75	98.906	3.398	1.745	0.01	3.82
1.35	0.30	4.42	3.72	1.96	98.814	3.694	1.959	0.01	4.42
1.36	0.29	5.01	4.01	2.18	98.722	3.980	2.179	0.01	5.01
1.37	0.29	5.60	4.30	2.41	98.631	4.267	2.408	0.01	5.60
1.38	0.29	6.19	4.59	2.65	98.540	4.552	2.645	0.01	6.19
1.39	0.29	6.77	4.88	2.90	98.449	4.838	2.889	0.01	6.77
1.40	0.29	7.35	5.17	3.15	98.359	5.123	3.137	0.01	7.35
1.41	2.44	7.50	7.61	4.54	98.268	7.521	4.528	0.07	7.50
1.42	2.65	7.65	10.26	5.35	98.176	10.122	5.331	0.09	7.65
1.43	2.81	7.80	13.07	5.87	98.084	12.879	5.859	0.09	7.80
1.44	2.92	7.95	15.99	6.25	97.991	15.740	6.239	0.10	7.95
1.45	2.98	8.10	18.97	6.54	97.429	18.643	6.529	0.13	8.10
1.46	2.99	9.90	21.96	7.00	96.225	21.520	6.980	0.20	9.90
1.47	2.95	11.68	24.91	7.55	94.872	24.319	7.521	0.27	11.68
1.48	2.86	13.46	27.77	8.16	93.462	26.992	8.109	0.33	13.46
1.49	2.73	15.22	30.50	8.79	90.767	29.470	8.707	0.44	15.22
1.50	2.54	16.97	33.04	9.42	85.154	31.633	9.272	0.66	16.97
1.51	2.49	18.54	35.53	10.06	79.060	33.602	9.815	0.92	18.54
1.52	2.59	20.09	38.12	10.74	68.055	35.364	10.327	1.46	20.09
1.53	2.63	21.63	40.75	11.45	61.111	36.971	10.818	1.80	21.63
1.54	2.60	23.17	43.35	12.15	54.166	38.380	11.271	2.10	23.17
1.55	2.52	24.69	45.87	12.84	47.222	39.570	11.675	2.34	24.69
1.56	2.38	25.03	48.25	13.44	43.056	40.594	12.012	2.39	25.03
1.57	2.18	25.36	50.43	13.95	36.111	41.382	12.266	2.45	25.36
1.58	1.92	25.70	52.35	14.39	28.167	41.942	12.445	2.39	25.70
1.59	1.60	26.03	53.95	14.73	22.222	42.297	12.560	2.19	26.03
1.60	1.22	26.36	55.17	14.99	18.703	42.525	12.634	1.75	26.36
1.61	0.96	26.88	56.13	15.19	13.703	42.657	12.678	1.46	26.88
1.62	0.87	27.39	57.00	15.38	10.000	42.744	12.708	1.38	27.39
1.63	0.80	27.90	57.80	15.55	7.431	42.803	12.729	1.30	27.90
1.64	0.74	28.41	58.54	15.71	5.776	42.846	12.744	1.23	28.41
1.65	0.71	28.91	59.25	15.87	4.483	42.878	12.756	1.19	28.91
1.66	0.69	29.33	59.94	16.03	3.966	42.905	12.767	1.17	29.33
1.67	0.70	29.74	60.64	16.18	3.468	42.930	12.776	1.19	29.74
1.68	0.72	30.15	61.36	16.35	3.010	42.951	12.785	1.23	30.15
1.69	0.76	30.56	62.12	16.52	2.612	42.971	12.793	1.30	30.56
1.70	0.82	30.96	62.94	16.71	2.294	42.990	12.801	1.41	30.96

1.71	0.88	31.12	63.82	16.91	2.075	43.008	12.809	1.52	31.12
1.72	0.92	31.27	64.74	17.11	1.976	43.026	12.817	1.59	31.27
1.73	0.94	31.42	65.68	17.32	1.913	43.044	12.825	1.62	31.42
1.74	0.95	31.57	66.63	17.52	1.825	43.062	12.832	1.64	31.57
1.75	0.95	31.72	67.58	17.72	1.737	43.078	12.840	1.64	31.72
1.76	0.93	32.93	68.51	17.93	1.650	43.094	12.847	1.61	32.93
1.77	0.90	34.13	69.41	18.14	1.563	43.108	12.854	1.56	34.13
1.78	0.86	35.33	70.27	18.35	1.477	43.120	12.860	1.49	35.33
1.79	0.81	36.51	71.08	18.55	1.392	43.132	12.866	1.41	36.51
1.80	0.74	37.70	71.82	18.75	1.309	43.141	12.872	1.29	37.70
1.81	0.67	38.92	72.49	18.94	1.228	43.150	12.877	1.16	38.92
1.82	0.60	40.14	73.09	19.11	1.149	43.156	12.881	1.04	40.14
1.83	0.53	41.36	73.62	19.27	1.073	43.162	12.885	0.92	41.36
1.84	0.47	42.56	74.09	19.42	1.000	43.167	12.888	0.82	42.56
1.85	0.42	43.76	74.51	19.56	0.928	43.171	12.891	0.73	43.76
1.86	0.38	44.09	74.89	19.68	0.856	43.174	12.894	0.66	44.09
1.87	0.34	44.41	75.23	19.79	0.783	43.177	12.896	0.59	44.41
1.88	0.31	44.73	75.54	19.90	0.711	43.179	12.897	0.54	44.73
1.89	0.29	45.05	75.83	19.99	0.638	43.181	12.899	0.51	45.05
1.90	0.27	45.36	76.10	20.08	0.566	43.182	12.900	0.47	45.36
1.91	0.26	45.70	76.36	20.17	0.494	43.183	12.901	0.46	45.70
1.92	0.26	46.03	76.62	20.26	0.424	43.185	12.901	0.46	46.03
1.93	0.25	46.35	76.87	20.34	0.354	43.185	12.902	0.44	46.35
1.94	0.25	46.68	77.12	20.43	0.286	43.186	12.903	0.44	46.68
1.95	0.25	47.01	77.37	20.51	0.220	43.187	12.903	0.44	47.01
1.96	0.25	48.05	77.62	20.60	0.156	43.187	12.904	0.44	48.05
1.97	0.25	49.09	77.87	20.69	0.094	43.187	12.904	0.44	49.09
1.98	0.25	50.13	78.12	20.79	0.034	43.187	12.904	0.44	50.13
1.99	0.26	51.16	78.38	20.89	0.0	43.187	12.904	0.46	51.16
2.00	0.26	52.18	78.64	20.99	0.0	43.187	12.904	0.46	52.18
2.01	0.18	52.98	78.82	21.06	0.0	43.187	12.904	0.32	52.98
2.02	0.19	53.77	79.01	21.14	0.0	43.187	12.904	0.33	53.77
2.03	0.20	54.56	79.21	21.23	0.0	43.187	12.904	0.35	54.56
2.04	0.20	55.34	79.41	21.31	0.0	43.187	12.904	0.35	55.34
2.05	0.20	56.12	79.61	21.40	0.0	43.187	12.904	0.35	56.12
2.06	0.45	56.12	80.06	21.60	0.0	43.187	12.904	0.79	56.12
2.07	0.42	56.12	80.48	21.78	0.0	43.187	12.904	0.74	56.12
2.08	0.37	56.12	80.85	21.93	0.0	43.187	12.904	0.65	56.12
2.09	0.31	56.12	81.16	22.06	0.0	43.187	12.904	0.55	56.12
2.10	0.24	56.12	81.40	22.16	0.0	43.187	12.904	0.42	56.12
2.11	0.14	56.13	81.54	22.22	0.0	43.187	12.904	0.25	56.13
2.12	0.13	56.13	81.67	22.28	0.0	43.187	12.904	0.23	56.13
2.13	0.13	56.13	81.80	22.33	0.0	43.187	12.904	0.23	56.13
2.14	0.13	56.14	81.93	22.38	0.0	43.187	12.904	0.23	56.14
2.15	0.12	56.14	82.05	22.43	0.0	43.187	12.904	0.21	56.14
2.16	0.12	56.49	82.17	22.48	0.0	43.187	12.904	0.21	56.49
2.17	0.12	56.84	82.29	22.53	0.0	43.187	12.904	0.21	56.84
2.18	0.12	57.18	82.41	22.58	0.0	43.187	12.904	0.21	57.18
2.19	0.12	57.52	82.53	22.63	0.0	43.187	12.904	0.21	57.52
2.20	0.12	57.87	82.65	22.69	0.0	43.187	12.904	0.21	57.87
2.21	0.13	58.06	82.78	22.74	0.0	43.187	12.904	0.23	58.06
2.22	0.12	58.25	82.90	22.79	0.0	43.187	12.904	0.21	58.25
2.23	0.12	58.45	83.02	22.84	0.0	43.187	12.904	0.21	58.45
2.24	0.12	58.64	83.14	22.90	0.0	43.187	12.904	0.21	58.64
2.25	0.12	58.83	83.26	22.95	0.0	43.187	12.904	0.21	58.83
2.26	0.12	59.27	83.38	23.00	0.0	43.187	12.904	0.21	59.27
2.27	0.12	59.71	83.50	23.05	0.0	43.187	12.904	0.21	59.71
2.28	0.12	60.14	83.62	23.11	0.0	43.187	12.904	0.21	60.14
2.29	0.12	60.58	83.74	23.16	0.0	43.187	12.904	0.21	60.58
2.30	0.13	61.01	83.87	23.22	0.0	43.187	12.904	0.23	61.01

2.31	0.61	61.01	84.48	23.49	0.0	43.187	12.904	1.07	61.01
2.32	0.61	61.01	85.09	23.76	0.0	43.187	12.904	1.07	61.01
2.33	0.61	61.01	85.70	24.03	0.0	43.187	12.904	1.07	61.01
2.34	0.60	61.01	86.30	24.28	0.0	43.187	12.904	1.06	61.01
2.35	0.60	61.01	86.90	24.54	0.0	43.187	12.904	1.06	61.01
2.36	0.60	61.01	87.50	24.79	0.0	43.187	12.904	1.06	61.01
2.37	0.60	61.01	88.10	25.03	0.0	43.187	12.904	1.06	61.01
2.38	0.59	61.01	88.69	25.27	0.0	43.187	12.904	1.04	61.01
2.39	0.59	61.01	89.28	25.51	0.0	43.187	12.904	1.04	61.01
2.40	0.59	61.01	89.87	25.74	0.0	43.187	12.904	1.04	61.01
2.41	0.59	61.01	90.46	25.97	0.0	43.187	12.904	1.04	61.01
2.42	0.58	61.01	91.04	26.19	0.0	43.187	12.904	1.02	61.01
2.43	0.58	61.01	91.62	26.42	0.0	43.187	12.904	1.02	61.01
2.44	0.58	61.01	92.20	26.63	0.0	43.187	12.904	1.02	61.01
2.45	0.58	61.01	92.78	26.85	0.0	43.187	12.904	1.02	61.01
2.46	0.49	63.41	93.27	27.04	0.0	43.187	12.904	0.86	63.41
2.47	0.49	65.80	93.76	27.24	0.0	43.187	12.904	0.86	65.80
2.48	0.49	68.18	94.25	27.46	0.0	43.187	12.904	0.86	68.18
2.49	0.48	70.55	94.73	27.67	0.0	43.187	12.904	0.84	70.55
2.50	0.48	72.91	95.21	27.90	0.0	43.187	12.904	0.84	72.91
2.51	0.48	75.26	95.69	28.14	0.0	43.187	12.904	0.84	75.26
2.52	0.48	77.60	96.17	28.39	0.0	43.187	12.904	0.84	77.60
2.53	0.48	79.93	96.65	28.64	0.0	43.187	12.904	0.84	79.93
2.54	0.47	82.25	97.12	28.90	0.0	43.187	12.904	0.83	82.25
2.55	0.47	84.57	97.59	29.17	0.0	43.187	12.904	0.83	84.57
2.56	0.47	86.87	98.06	29.45	0.0	43.187	12.904	0.83	86.87
2.57	0.47	89.17	98.53	29.73	0.0	43.187	12.904	0.83	89.17
2.58	0.47	91.45	99.00	30.02	0.0	43.187	12.904	0.83	91.45
2.59	0.46	93.73	99.46	30.32	0.0	43.187	12.904	0.81	93.73
2.60	0.46	96.00	99.92	30.62	0.0	43.187	12.904	0.81	96.00

		CLEAN COAL ASH %	12.90	REFUSE ASH %	44.09
HEAD ASH %	30.62	CLEAN COAL YIELD%	43.19	REFUSE YIELD%	56.81
THEO. YIELD	46.13	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.551	IMPERFECTION	0.024		
NEAR GRAVITY MAT	40.027				
ORGANIC EFFCY.	93.62				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 31 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.72 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	0.01	0.23	0.01	0.23	99.810	0.010	0.230	0.00	0.23
1.25	0.01	0.44	0.02	0.33	99.715	0.020	0.335	0.00	0.44
1.26	0.01	0.65	0.03	0.44	99.621	0.030	0.440	0.00	0.65
1.27	0.01	0.86	0.04	0.54	99.526	0.040	0.545	0.00	0.86
1.28	0.01	1.07	0.05	0.65	99.432	0.050	0.650	0.00	1.07
1.29	0.01	1.28	0.06	0.75	99.339	0.060	0.754	0.00	1.28
1.30	0.01	1.48	0.07	0.86	99.245	0.070	0.858	0.00	1.48
1.31	0.01	1.69	0.08	0.96	99.151	0.080	0.961	0.00	1.69
1.32	0.01	1.93	0.09	1.07	99.057	0.089	1.069	0.00	1.93
1.33	0.01	2.22	0.10	1.18	98.962	0.099	1.183	0.00	2.22
1.34	0.01	2.50	0.11	1.30	98.906	0.109	1.302	0.00	2.50
1.35	0.01	2.78	0.12	1.43	98.814	0.119	1.425	0.00	2.78
1.36	0.01	3.06	0.13	1.55	98.722	0.129	1.550	0.00	3.06
1.37	0.01	3.34	0.14	1.68	98.631	0.139	1.677	0.00	3.34
1.38	0.01	3.62	0.15	1.81	98.540	0.149	1.806	0.00	3.62
1.39	0.01	3.89	0.16	1.94	98.449	0.159	1.935	0.00	3.89
1.40	0.01	4.16	0.17	2.07	98.359	0.168	2.065	0.00	4.16
1.41	3.28	4.46	3.45	4.34	98.268	3.392	4.341	0.12	4.46
1.42	4.29	4.76	7.74	4.57	98.176	7.603	4.573	0.16	4.76
1.43	5.02	5.05	12.76	4.76	98.084	12.527	4.761	0.20	5.05
1.44	5.49	5.34	18.25	4.94	97.991	17.907	4.935	0.23	5.34
1.45	5.68	5.63	23.93	5.10	97.429	23.441	5.089	0.30	5.63
1.46	5.59	6.81	29.52	5.42	96.225	28.820	5.418	0.43	6.81
1.47	5.23	7.99	34.75	5.81	94.872	33.782	5.796	0.55	7.99
1.48	4.60	9.16	39.35	6.20	93.462	38.081	6.176	0.61	9.16
1.49	3.69	10.32	43.04	6.55	90.767	41.430	6.511	0.70	10.32
1.50	2.51	11.47	45.55	6.83	85.154	43.568	6.754	0.76	11.47
1.51	1.81	12.64	47.36	7.05	79.060	44.998	6.941	0.77	12.64
1.52	1.75	13.80	49.11	7.29	68.055	46.189	7.118	1.14	13.80
1.53	1.68	14.95	50.79	7.54	61.111	47.216	7.288	1.33	14.95
1.54	1.60	16.10	52.39	7.80	54.166	48.083	7.447	1.50	16.10
1.55	1.50	17.23	53.89	8.07	47.222	48.791	7.589	1.62	17.23
1.56	1.39	18.30	55.28	8.32	43.056	49.390	7.719	1.62	18.30
1.57	1.26	19.35	56.54	8.57	36.111	49.845	7.825	1.64	19.35
1.58	1.12	20.40	57.66	8.80	29.167	50.171	7.907	1.62	20.40
1.59	0.97	21.44	58.63	9.01	22.222	50.387	7.965	1.54	21.44
1.60	0.80	22.48	59.43	9.19	18.703	50.536	8.008	1.33	22.48
1.61	0.72	23.59	60.15	9.36	13.703	50.635	8.038	1.27	23.59
1.62	0.73	24.69	60.88	9.55	10.000	50.708	8.062	1.34	24.69
1.63	0.74	25.78	61.62	9.74	7.431	50.763	8.081	1.40	25.78
1.64	0.73	26.87	62.35	9.94	5.776	50.805	8.097	1.40	26.87
1.65	0.71	27.95	63.06	10.14	4.483	50.837	8.110	1.38	27.95
1.66	0.68	28.94	63.74	10.34	3.966	50.864	8.121	1.33	28.94
1.67	0.63	29.93	64.37	10.54	3.468	50.886	8.130	1.24	29.93
1.68	0.58	30.91	64.95	10.72	3.010	50.903	8.138	1.15	30.91
1.69	0.52	31.89	65.47	10.89	2.612	50.917	8.144	1.03	31.89
1.70	0.44	32.86	65.91	11.03	2.294	50.927	8.149	0.88	32.86

1.71	0.40	33.75	66.31	11.17	2.075	50.935	8.153	0.80	33.75
1.72	0.40	34.64	66.71	11.31	1.976	50.943	8.157	0.80	34.64
1.73	0.40	35.52	67.11	11.45	1.913	50.951	8.161	0.80	35.52
1.74	0.39	36.39	67.50	11.60	1.825	50.958	8.165	0.78	36.39
1.75	0.38	37.26	67.88	11.74	1.737	50.965	8.169	0.76	37.26
1.76	0.37	37.75	68.25	11.88	1.650	50.971	8.173	0.74	37.75
1.77	0.35	38.24	68.60	12.02	1.563	50.976	8.176	0.70	38.24
1.78	0.33	38.72	68.93	12.15	1.477	50.981	8.179	0.66	38.72
1.79	0.30	39.20	69.23	12.26	1.392	50.985	8.181	0.60	39.20
1.80	0.27	39.68	69.50	12.37	1.309	50.989	8.184	0.54	39.68
1.81	0.25	39.98	69.75	12.47	1.228	50.992	8.185	0.50	39.98
1.82	0.25	40.28	70.00	12.57	1.149	50.995	8.187	0.50	40.28
1.83	0.25	40.59	70.25	12.67	1.073	50.997	8.189	0.50	40.59
1.84	0.25	40.89	70.50	12.77	1.000	51.000	8.191	0.51	40.89
1.85	0.24	41.18	70.74	12.86	0.928	51.002	8.192	0.49	41.18
1.86	0.24	42.17	70.98	12.96	0.856	51.004	8.193	0.49	42.17
1.87	0.23	43.14	71.21	13.06	0.783	51.006	8.195	0.47	43.14
1.88	0.23	44.11	71.44	13.16	0.711	51.008	8.196	0.47	44.11
1.89	0.22	45.08	71.66	13.26	0.638	51.009	8.197	0.45	45.08
1.90	0.22	46.04	71.88	13.36	0.566	51.010	8.198	0.45	46.04
1.91	0.22	46.90	72.10	13.46	0.494	51.011	8.199	0.45	46.90
1.92	0.22	47.75	72.32	13.57	0.424	51.012	8.199	0.45	47.75
1.93	0.23	48.60	72.55	13.68	0.354	51.013	8.200	0.47	48.60
1.94	0.22	49.45	72.77	13.78	0.286	51.014	8.200	0.45	49.45
1.95	0.22	50.29	72.99	13.89	0.220	51.014	8.201	0.45	50.29
1.96	0.21	50.59	73.20	14.00	0.156	51.015	8.201	0.43	50.59
1.97	0.20	50.88	73.40	14.10	0.094	51.015	8.201	0.41	50.88
1.98	0.18	51.17	73.58	14.19	0.034	51.015	8.201	0.37	51.17
1.99	0.16	51.47	73.74	14.27	0.0	51.015	8.201	0.33	51.47
2.00	0.14	51.76	73.88	14.34	0.0	51.015	8.201	0.29	51.76
2.01	0.13	51.92	74.01	14.41	0.0	51.015	8.201	0.27	51.92
2.02	0.13	52.08	74.14	14.47	0.0	51.015	8.201	0.27	52.08
2.03	0.13	52.23	74.27	14.54	0.0	51.015	8.201	0.27	52.23
2.04	0.13	52.39	74.40	14.61	0.0	51.015	8.201	0.27	52.39
2.05	0.13	52.55	74.53	14.67	0.0	51.015	8.201	0.27	52.55
2.06	0.13	53.50	74.66	14.74	0.0	51.015	8.201	0.27	53.50
2.07	0.13	54.44	74.79	14.81	0.0	51.015	8.201	0.27	54.44
2.08	0.13	55.38	74.92	14.88	0.0	51.015	8.201	0.27	55.38
2.09	0.13	56.32	75.05	14.95	0.0	51.015	8.201	0.27	56.32
2.10	0.13	57.25	75.18	15.03	0.0	51.015	8.201	0.27	57.25
2.11	0.13	57.95	75.31	15.10	0.0	51.015	8.201	0.27	57.95
2.12	0.13	58.64	75.44	15.17	0.0	51.015	8.201	0.27	58.64
2.13	0.13	59.32	75.57	15.25	0.0	51.015	8.201	0.27	59.32
2.14	0.13	60.01	75.70	15.33	0.0	51.015	8.201	0.27	60.01
2.15	0.13	60.69	75.83	15.40	0.0	51.015	8.201	0.27	60.69
2.16	0.13	61.20	75.96	15.48	0.0	51.015	8.201	0.27	61.20
2.17	0.13	61.71	76.09	15.56	0.0	51.015	8.201	0.27	61.71
2.18	0.13	62.21	76.22	15.64	0.0	51.015	8.201	0.27	62.21
2.19	0.13	62.72	76.35	15.72	0.0	51.015	8.201	0.27	62.72
2.20	0.13	63.22	76.48	15.80	0.0	51.015	8.201	0.27	63.22
2.21	0.13	63.52	76.61	15.88	0.0	51.015	8.201	0.27	63.52
2.22	0.13	63.83	76.74	15.96	0.0	51.015	8.201	0.27	63.83
2.23	0.13	64.13	76.87	16.05	0.0	51.015	8.201	0.27	64.13
2.24	0.14	64.44	77.01	16.13	0.0	51.015	8.201	0.29	64.44
2.25	0.14	64.74	77.15	16.22	0.0	51.015	8.201	0.29	64.74
2.26	0.14	65.90	77.29	16.31	0.0	51.015	8.201	0.29	65.90
2.27	0.14	67.05	77.43	16.40	0.0	51.015	8.201	0.29	67.05
2.28	0.14	68.20	77.57	16.50	0.0	51.015	8.201	0.29	68.20
2.29	0.15	69.34	77.72	16.60	0.0	51.015	8.201	0.31	69.34
2.30	0.15	70.48	77.87	16.70	0.0	51.015	8.201	0.31	70.48

2.31	0.78	71.32	78.65	17.25	0.0	51.015	8.201	1.59	71.32
2.32	0.78	72.16	79.43	17.78	0.0	51.015	8.201	1.59	72.16
2.33	0.78	73.00	80.21	18.32	0.0	51.015	8.201	1.59	73.00
2.34	0.77	73.84	80.98	18.85	0.0	51.015	8.201	1.57	73.84
2.35	0.77	74.67	81.75	19.38	0.0	51.015	8.201	1.57	74.67
2.36	0.77	75.50	82.52	19.90	0.0	51.015	8.201	1.57	75.50
2.37	0.76	76.32	83.28	20.41	0.0	51.015	8.201	1.55	76.32
2.38	0.76	77.14	84.04	20.93	0.0	51.015	8.201	1.55	77.14
2.39	0.76	77.96	84.80	21.44	0.0	51.015	8.201	1.55	77.96
2.40	0.75	78.77	85.55	21.94	0.0	51.015	8.201	1.53	78.77
2.41	0.75	79.58	86.30	22.44	0.0	51.015	8.201	1.53	79.58
2.42	0.75	80.39	87.05	22.94	0.0	51.015	8.201	1.53	80.39
2.43	0.74	81.19	87.79	23.43	0.0	51.015	8.201	1.51	81.19
2.44	0.74	82.00	88.53	23.92	0.0	51.015	8.201	1.51	82.00
2.45	0.74	82.79	89.27	24.41	0.0	51.015	8.201	1.51	82.79
2.46	0.73	83.70	90.00	24.89	0.0	51.015	8.201	1.49	83.70
2.47	0.73	84.60	90.73	25.37	0.0	51.015	8.201	1.49	84.60
2.48	0.73	85.50	91.46	25.85	0.0	51.015	8.201	1.49	85.50
2.49	0.73	86.39	92.19	26.33	0.0	51.015	8.201	1.49	86.39
2.50	0.72	87.28	92.91	26.80	0.0	51.015	8.201	1.47	87.28
2.51	0.72	88.17	93.63	27.27	0.0	51.015	8.201	1.47	88.17
2.52	0.72	89.05	94.35	27.75	0.0	51.015	8.201	1.47	89.05
2.53	0.71	89.93	95.06	28.21	0.0	51.015	8.201	1.45	89.93
2.54	0.71	90.81	95.77	28.67	0.0	51.015	8.201	1.45	90.81
2.55	0.71	91.68	96.48	29.14	0.0	51.015	8.201	1.45	91.68
2.56	0.71	92.55	97.19	29.60	0.0	51.015	8.201	1.45	92.55
2.57	0.70	93.42	97.89	30.06	0.0	51.015	8.201	1.43	93.42
2.58	0.70	94.28	98.59	30.51	0.0	51.015	8.201	1.43	94.28
2.59	0.70	95.14	99.29	30.97	0.0	51.015	8.201	1.43	95.14
2.60	0.69	96.00	99.98	31.42	0.0	51.015	8.201	1.41	96.00

		CLEAN COAL ASH %	8.20	REFUSE ASH %	55.60
HEAD ASH %	31.42	CLEAN COAL YIELD%	51.01	REFUSE YIELD%	48.99
THEO. YIELD	54.62	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.555	IMPERFECTION	0.024		
NEAR GRAVITY MAT	36.541				
ORGANIC EFFCY.	93.39				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 32 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 89.22 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CUM. CLEAN COAL ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	0.11	0.12	0.11	0.12	99.810	0.110	0.120	0.00	0.12
1.25	0.11	0.22	0.22	0.17	99.715	0.219	0.170	0.00	0.22
1.26	0.11	0.33	0.33	0.22	99.621	0.329	0.223	0.00	0.33
1.27	0.11	0.43	0.44	0.27	99.526	0.439	0.275	0.00	0.43
1.28	0.11	0.54	0.55	0.33	99.432	0.548	0.328	0.00	0.54
1.29	0.11	0.64	0.66	0.38	99.339	0.657	0.380	0.00	0.64
1.30	0.10	0.74	0.76	0.43	99.245	0.756	0.427	0.00	0.74
1.31	0.10	0.85	0.86	0.48	99.151	0.856	0.476	0.00	0.85
1.32	0.10	1.19	0.96	0.65	99.057	0.955	0.550	0.00	1.19
1.33	0.10	1.78	1.06	0.67	98.962	1.054	0.666	0.00	1.78
1.34	0.10	2.37	1.16	0.81	98.906	1.153	0.812	0.00	2.37
1.35	0.10	2.95	1.26	0.98	98.814	1.251	0.981	0.00	2.95
1.36	0.10	3.53	1.36	1.17	98.722	1.350	1.167	0.00	3.53
1.37	0.10	4.11	1.46	1.37	98.631	1.449	1.367	0.00	4.11
1.38	0.10	4.68	1.56	1.58	98.540	1.547	1.578	0.00	4.68
1.39	0.10	5.24	1.66	1.80	98.449	1.646	1.798	0.00	5.24
1.40	0.10	5.80	1.76	2.03	98.359	1.744	2.023	0.00	5.80
1.41	3.75	6.24	5.51	4.90	98.268	5.429	4.885	0.17	6.24
1.42	4.45	6.67	9.96	5.69	98.176	9.798	5.681	0.21	6.67
1.43	4.97	7.11	14.93	6.16	98.084	14.673	6.156	0.25	7.11
1.44	5.32	7.53	20.25	6.52	97.991	19.886	6.516	0.28	7.53
1.45	5.49	7.96	25.74	6.83	97.429	25.235	6.822	0.37	7.96
1.46	5.50	8.78	31.24	7.17	96.225	30.527	7.162	0.54	8.78
1.47	5.32	9.59	36.56	7.52	94.872	35.574	7.506	0.71	9.59
1.48	4.98	10.40	41.54	7.87	93.462	40.229	7.841	0.85	10.40
1.49	4.46	11.20	46.00	8.19	90.767	44.277	8.148	1.07	11.20
1.50	3.77	11.99	49.77	8.48	85.154	47.487	8.408	1.46	11.99
1.51	3.42	12.73	53.19	8.75	79.060	50.191	8.641	1.87	12.73
1.52	3.47	13.46	56.66	9.04	68.055	52.552	8.857	2.89	13.46
1.53	3.44	14.19	60.10	9.34	61.111	54.655	9.062	3.49	14.19
1.54	3.34	14.92	63.44	9.63	54.166	56.464	9.250	3.99	14.92
1.55	3.15	15.63	66.59	9.91	47.222	57.951	9.414	4.33	15.63
1.56	2.88	16.21	69.47	10.17	43.056	59.191	9.556	4.28	16.21
1.57	2.53	16.78	72.00	10.41	36.111	60.105	9.666	4.21	16.78
1.58	2.10	17.35	74.10	10.60	29.167	60.717	9.743	3.88	17.35
1.59	1.59	17.92	75.69	10.76	22.222	61.071	9.791	3.22	17.92
1.60	0.99	18.48	76.68	10.86	18.703	61.256	9.817	2.10	18.48
1.61	0.65	19.14	77.33	10.93	13.703	61.345	9.831	1.46	19.14
1.62	0.62	19.81	77.95	11.00	10.000	61.407	9.841	1.45	19.81
1.63	0.58	20.46	78.53	11.07	7.431	61.450	9.848	1.40	20.46
1.64	0.54	21.12	79.07	11.14	5.776	61.481	9.854	1.33	21.12
1.65	0.51	21.77	79.58	11.20	4.483	61.504	9.858	1.27	21.77
1.66	0.47	22.41	80.05	11.27	3.966	61.523	9.862	1.18	22.41
1.67	0.44	23.04	80.49	11.33	3.468	61.538	9.865	1.11	23.04
1.68	0.40	23.68	80.89	11.39	3.010	61.550	9.868	1.01	23.68
1.69	0.36	24.31	81.25	11.45	2.612	61.559	9.870	0.91	24.31
1.70	0.33	24.93	81.58	11.51	2.294	61.567	9.872	0.84	24.93

1.71	0.32	25.57	81.90	11.56	2.075	61.574	9.874	0.82	25.57
1.72	0.33	26.21	82.23	11.62	1.976	61.580	9.876	0.84	26.21
1.73	0.33	26.84	82.56	11.68	1.913	61.587	9.877	0.84	26.84
1.74	0.33	27.47	82.89	11.74	1.825	61.593	9.879	0.84	27.47
1.75	0.33	28.10	83.22	11.81	1.737	61.598	9.881	0.85	28.10
1.76	0.32	28.73	83.54	11.87	1.650	61.604	9.882	0.82	28.73
1.77	0.30	29.35	83.84	11.94	1.563	61.608	9.884	0.77	29.35
1.78	0.28	29.98	84.12	12.00	1.477	61.612	9.885	0.72	29.98
1.79	0.25	30.60	84.37	12.05	1.392	61.616	9.886	0.64	30.60
1.80	0.21	31.21	84.58	12.10	1.309	61.619	9.887	0.54	31.21
1.81	0.19	31.81	84.77	12.14	1.228	61.621	9.888	0.49	31.81
1.82	0.19	32.40	84.96	12.19	1.149	61.623	9.889	0.49	32.40
1.83	0.19	32.99	85.15	12.23	1.073	61.625	9.890	0.49	32.99
1.84	0.18	33.58	85.33	12.28	1.000	61.627	9.890	0.46	33.58
1.85	0.18	34.16	85.51	12.33	0.928	61.629	9.891	0.46	34.16
1.86	0.18	34.27	85.69	12.37	0.856	61.630	9.892	0.47	34.27
1.87	0.17	34.37	85.86	12.42	0.783	61.632	9.892	0.44	34.37
1.88	0.17	34.48	86.03	12.46	0.711	61.633	9.893	0.44	34.48
1.89	0.17	34.59	86.20	12.50	0.638	61.634	9.893	0.44	34.59
1.90	0.16	34.69	86.36	12.54	0.566	61.635	9.893	0.41	34.69
1.91	0.18	34.69	86.54	12.59	0.494	61.636	9.894	0.47	34.69
1.92	0.17	34.69	86.71	12.63	0.424	61.636	9.894	0.44	34.69
1.93	0.17	34.69	86.88	12.68	0.354	61.637	9.894	0.44	34.69
1.94	0.16	34.69	87.04	12.72	0.286	61.637	9.895	0.42	34.69
1.95	0.16	34.69	87.20	12.76	0.220	61.638	9.895	0.42	34.69
1.96	0.12	35.16	87.32	12.79	0.156	61.638	9.895	0.31	35.16
1.97	0.13	35.62	87.45	12.82	0.094	61.638	9.895	0.34	35.62
1.98	0.13	36.07	87.58	12.86	0.034	61.638	9.895	0.34	36.07
1.99	0.13	36.53	87.71	12.89	0.0	61.638	9.895	0.34	36.53
2.00	0.14	36.98	87.85	12.93	0.0	61.638	9.895	0.36	36.98
2.01	0.18	37.15	88.03	12.98	0.0	61.638	9.895	0.47	37.15
2.02	0.21	37.31	88.24	13.04	0.0	61.638	9.895	0.55	37.31
2.03	0.24	37.47	88.48	13.10	0.0	61.638	9.895	0.63	37.47
2.04	0.25	37.63	88.73	13.17	0.0	61.638	9.895	0.65	37.63
2.05	0.26	37.79	88.99	13.24	0.0	61.638	9.895	0.68	37.79
2.06	0.26	38.91	89.25	13.32	0.0	61.638	9.895	0.68	38.91
2.07	0.26	40.02	89.51	13.40	0.0	61.638	9.895	0.68	40.02
2.08	0.24	41.13	89.75	13.47	0.0	61.638	9.895	0.63	41.13
2.09	0.22	42.23	89.97	13.54	0.0	61.638	9.895	0.57	42.23
2.10	0.19	43.33	90.16	13.60	0.0	61.638	9.895	0.50	43.33
2.11	0.12	44.29	90.28	13.65	0.0	61.638	9.895	0.31	44.29
2.12	0.07	45.24	90.35	13.67	0.0	61.638	9.895	0.18	45.24
2.13	0.04	46.19	90.39	13.68	0.0	61.638	9.895	0.10	46.19
2.14	0.02	47.14	90.41	13.69	0.0	61.638	9.895	0.05	47.14
2.15	0.01	48.08	90.42	13.70	0.0	61.638	9.895	0.03	48.08
2.16	0.02	48.08	90.44	13.70	0.0	61.638	9.895	0.05	48.08
2.17	0.04	48.08	90.48	13.72	0.0	61.638	9.895	0.10	48.08
2.18	0.08	48.08	90.56	13.75	0.0	61.638	9.895	0.21	48.08
2.19	0.13	48.08	90.69	13.80	0.0	61.638	9.895	0.34	48.08
2.20	0.20	48.08	90.89	13.87	0.0	61.638	9.895	0.52	48.08
2.21	0.22	48.12	91.11	13.96	0.0	61.638	9.895	0.57	48.12
2.22	0.22	48.16	91.33	14.04	0.0	61.638	9.895	0.57	48.16
2.23	0.22	48.20	91.55	14.12	0.0	61.638	9.895	0.57	48.20
2.24	0.22	48.23	91.77	14.20	0.0	61.638	9.895	0.57	48.23
2.25	0.22	48.27	91.99	14.28	0.0	61.638	9.895	0.57	48.27
2.26	0.22	48.59	92.21	14.37	0.0	61.638	9.895	0.57	48.59
2.27	0.23	48.92	92.44	14.45	0.0	61.638	9.895	0.60	48.92
2.28	0.23	49.24	92.67	14.54	0.0	61.638	9.895	0.60	49.24
2.29	0.23	49.56	92.90	14.62	0.0	61.638	9.895	0.60	49.56
2.30	0.23	49.88	93.13	14.71	0.0	61.638	9.895	0.60	49.88

2.31	0.36	49.88	93.49	14.85	0.0	61.638	9.895	0.94	49.88
2.32	0.36	49.88	93.85	14.98	0.0	61.638	9.895	0.94	49.88
2.33	0.36	49.88	94.21	15.11	0.0	61.638	9.895	0.94	49.88
2.34	0.36	49.88	94.57	15.25	0.0	61.638	9.895	0.94	49.88
2.35	0.36	49.89	94.93	15.38	0.0	61.638	9.895	0.94	49.89
2.36	0.35	49.89	95.28	15.50	0.0	61.638	9.895	0.91	49.89
2.37	0.35	49.89	95.63	15.63	0.0	61.638	9.895	0.91	49.89
2.38	0.35	49.89	95.98	15.76	0.0	61.638	9.895	0.91	49.89
2.39	0.35	49.89	96.33	15.88	0.0	61.638	9.895	0.91	49.89
2.40	0.35	49.89	96.68	16.00	0.0	61.638	9.895	0.91	49.89
2.41	0.35	49.89	97.03	16.13	0.0	61.638	9.895	0.91	49.89
2.42	0.35	49.89	97.38	16.25	0.0	61.638	9.895	0.91	49.89
2.43	0.34	49.90	97.72	16.36	0.0	61.638	9.895	0.89	49.90
2.44	0.34	49.90	98.06	16.48	0.0	61.638	9.895	0.89	49.90
2.45	0.34	49.90	98.40	16.60	0.0	61.638	9.895	0.89	49.90
2.46	0.11	53.06	98.51	16.64	0.0	61.638	9.895	0.29	53.06
2.47	0.11	56.21	98.62	16.68	0.0	61.638	9.895	0.29	56.21
2.48	0.11	59.34	98.73	16.73	0.0	61.638	9.895	0.29	59.34
2.49	0.11	62.46	98.84	16.78	0.0	61.638	9.895	0.29	62.46
2.50	0.11	65.57	98.95	16.83	0.0	61.638	9.895	0.29	65.57
2.51	0.11	68.67	99.06	16.89	0.0	61.638	9.895	0.29	68.67
2.52	0.11	71.75	99.17	16.95	0.0	61.638	9.895	0.29	71.75
2.53	0.11	74.83	99.28	17.02	0.0	61.638	9.895	0.29	74.83
2.54	0.11	77.89	99.39	17.08	0.0	61.638	9.895	0.29	77.89
2.55	0.11	80.93	99.50	17.15	0.0	61.638	9.895	0.29	80.93
2.56	0.11	83.97	99.61	17.23	0.0	61.638	9.895	0.29	83.97
2.57	0.11	87.00	99.72	17.30	0.0	61.638	9.895	0.29	87.00
2.58	0.11	90.01	99.83	17.38	0.0	61.638	9.895	0.29	90.01
2.59	0.10	93.01	99.93	17.46	0.0	61.638	9.895	0.26	93.01
2.60	0.10	96.00	100.03	17.54	0.0	61.638	9.895	0.26	96.00

		CLEAN COAL ASH %	9.89	REFUSE ASH %	29.82
HEAD ASH %	17.54	CLEAN COAL YIELD%	61.64	REFUSE YIELD%	38.36
THEO. YIELD	66.38	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.549	IMPERFECTION	0.024		
NEAR GRAVITY MAT	54.165				
ORGANIC EFFCY.	92.85				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 34 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 82.63 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	0.01	0.23	0.01	0.23	99.810	0.010	0.230	0.00	0.23
1.25	0.01	0.44	0.02	0.33	99.715	0.020	0.335	0.00	0.44
1.26	0.01	0.66	0.03	0.44	99.621	0.030	0.443	0.00	0.66
1.27	0.01	0.87	0.04	0.55	99.526	0.040	0.550	0.00	0.87
1.28	0.01	1.08	0.05	0.66	99.432	0.050	0.656	0.00	1.08
1.29	0.01	1.29	0.06	0.76	99.339	0.060	0.761	0.00	1.29
1.30	0.01	1.50	0.07	0.87	99.245	0.070	0.866	0.00	1.50
1.31	0.01	1.70	0.08	0.97	99.151	0.080	0.970	0.00	1.70
1.32	0.01	1.96	0.09	1.08	99.057	0.089	1.080	0.00	1.96
1.33	0.01	2.27	0.10	1.20	98.962	0.099	1.198	0.00	2.27
1.34	0.01	2.57	0.11	1.32	98.906	0.109	1.322	0.00	2.57
1.35	0.01	2.87	0.12	1.45	98.814	0.119	1.451	0.00	2.87
1.36	0.01	3.17	0.13	1.59	98.722	0.129	1.582	0.00	3.17
1.37	0.01	3.47	0.14	1.72	98.631	0.139	1.716	0.00	3.47
1.38	0.01	3.77	0.15	1.86	98.540	0.149	1.852	0.00	3.77
1.39	0.01	4.06	0.16	1.99	98.449	0.159	1.989	0.00	4.06
1.40	0.01	4.35	0.17	2.13	98.358	0.168	2.127	0.00	4.35
1.41	3.45	4.59	3.62	4.47	98.268	3.559	4.473	0.13	4.59
1.42	3.92	4.83	7.54	4.66	98.176	7.407	4.659	0.16	4.83
1.43	4.28	5.06	11.82	4.80	98.084	11.605	4.804	0.18	5.06
1.44	4.52	5.30	16.34	4.94	97.991	16.034	4.941	0.20	5.30
1.45	4.64	5.53	20.98	5.07	97.429	20.555	5.070	0.26	5.53
1.46	4.66	6.61	25.64	5.35	96.225	25.039	5.346	0.39	6.61
1.47	4.55	7.67	30.19	5.70	94.872	29.356	5.688	0.52	7.67
1.48	4.34	8.73	34.53	6.08	93.462	33.412	6.057	0.63	8.73
1.49	4.01	9.79	38.54	6.47	90.767	37.052	6.424	0.82	9.79
1.50	3.56	10.83	42.10	6.84	85.154	40.083	6.757	1.17	10.83
1.51	3.35	11.78	45.45	7.20	79.060	42.732	7.068	1.55	11.78
1.52	3.40	12.72	48.85	7.58	68.055	45.046	7.359	2.40	12.72
1.53	3.40	13.66	52.25	7.98	61.111	47.123	7.637	2.93	13.66
1.54	3.33	14.59	55.58	8.38	54.166	48.927	7.893	3.38	14.59
1.55	3.20	15.51	58.78	8.76	47.222	50.438	8.121	3.74	15.51
1.56	3.01	16.45	61.79	9.14	43.056	51.734	8.330	3.79	16.45
1.57	2.76	17.38	64.55	9.49	36.111	52.731	8.501	3.90	17.38
1.58	2.44	18.31	66.99	9.81	29.167	53.443	8.631	3.83	18.31
1.59	2.06	19.24	69.05	10.09	22.222	53.900	8.722	3.55	19.24
1.60	1.63	20.16	70.68	10.33	18.703	54.205	8.786	2.93	20.16
1.61	1.32	21.34	72.00	10.53	13.703	54.386	8.828	2.52	21.34
1.62	1.19	22.53	73.19	10.72	10.000	54.505	8.858	2.37	22.53
1.63	1.07	23.70	74.26	10.91	7.431	54.585	8.879	2.19	23.70
1.64	0.99	24.87	75.21	11.09	5.776	54.639	8.895	1.98	24.87
1.65	0.83	26.03	76.04	11.25	4.483	54.677	8.907	1.76	26.03
1.66	0.72	26.70	76.76	11.39	3.966	54.705	8.916	1.53	26.70
1.67	0.61	27.36	77.37	11.52	3.468	54.726	8.923	1.30	27.36
1.68	0.50	28.02	77.87	11.63	3.010	54.741	8.929	1.07	28.02
1.69	0.40	28.67	78.27	11.71	2.612	54.752	8.932	0.86	28.67
1.70	0.30	29.32	78.57	11.78	2.294	54.759	8.935	0.65	29.32

1.71	0.25	30.24	78.82	11.84	2.075	54.764	8.937	0.54	30.24
1.72	0.25	31.15	79.07	11.90	1.976	54.769	8.939	0.54	31.15
1.73	0.24	32.06	79.31	11.96	1.913	54.774	8.941	0.52	32.06
1.74	0.24	32.95	79.55	12.02	1.825	54.778	8.943	0.52	32.95
1.75	0.24	33.86	79.79	12.09	1.737	54.782	8.945	0.52	33.85
1.76	0.24	34.21	80.03	12.16	1.650	54.786	8.947	0.52	34.21
1.77	0.25	34.58	80.28	12.23	1.563	54.790	8.948	0.54	34.58
1.78	0.25	34.94	80.53	12.30	1.477	54.794	8.950	0.55	34.94
1.79	0.26	35.30	80.79	12.37	1.392	54.797	8.952	0.57	35.30
1.80	0.27	35.66	81.06	12.45	1.309	54.801	8.954	0.59	35.66
1.81	0.30	35.66	81.36	12.53	1.228	54.804	8.955	0.66	35.66
1.82	0.30	35.66	81.66	12.62	1.149	54.808	8.957	0.66	35.66
1.83	0.31	35.66	81.97	12.71	1.073	54.811	8.959	0.68	35.66
1.84	0.31	35.66	82.28	12.79	1.000	54.814	8.960	0.68	35.66
1.85	0.31	35.66	82.59	12.88	0.928	54.817	8.962	0.68	35.66
1.86	0.24	36.90	82.83	12.95	0.856	54.819	8.963	0.53	36.90
1.87	0.24	38.13	83.07	13.02	0.783	54.821	8.964	0.53	38.13
1.88	0.24	39.36	83.31	13.10	0.711	54.823	8.965	0.53	39.36
1.89	0.24	40.57	83.55	13.18	0.638	54.824	8.966	0.53	40.57
1.90	0.24	41.79	83.79	13.26	0.566	54.826	8.966	0.53	41.79
1.91	0.26	42.76	84.05	13.35	0.494	54.827	8.967	0.57	42.76
1.92	0.26	43.73	84.31	13.44	0.424	54.828	8.968	0.57	43.73
1.93	0.26	44.69	84.57	13.54	0.354	54.829	8.968	0.57	44.69
1.94	0.25	45.65	84.82	13.63	0.286	54.830	8.969	0.55	45.65
1.95	0.25	46.61	85.07	13.73	0.220	54.830	8.969	0.55	46.61
1.96	0.25	46.77	85.32	13.83	0.156	54.831	8.970	0.55	46.77
1.97	0.25	46.94	85.57	13.92	0.094	54.831	8.970	0.55	46.94
1.98	0.24	47.11	85.81	14.02	0.034	54.831	8.970	0.53	47.11
1.99	0.24	47.28	86.05	14.11	0.0	54.831	8.970	0.53	47.28
2.00	0.24	47.44	86.29	14.20	0.0	54.831	8.970	0.53	47.44
2.01	0.24	47.70	86.53	14.29	0.0	54.831	8.970	0.53	47.70
2.02	0.24	47.97	86.77	14.39	0.0	54.831	8.970	0.53	47.97
2.03	0.24	48.23	87.01	14.48	0.0	54.831	8.970	0.53	48.23
2.04	0.23	48.49	87.24	14.57	0.0	54.831	8.970	0.51	48.49
2.05	0.21	48.75	87.45	14.65	0.0	54.831	8.970	0.46	48.75
2.06	0.20	49.23	87.65	14.73	0.0	54.831	8.970	0.44	49.23
2.07	0.18	49.72	87.83	14.80	0.0	54.831	8.970	0.40	49.72
2.08	0.15	50.20	87.98	14.86	0.0	54.831	8.970	0.33	50.20
2.09	0.12	50.68	88.10	14.91	0.0	54.831	8.970	0.27	50.68
2.10	0.09	51.15	88.19	14.95	0.0	54.831	8.970	0.20	51.15
2.11	0.01	51.59	88.20	14.95	0.0	54.831	8.970	0.02	51.59
2.12	0.01	52.02	88.21	14.96	0.0	54.831	8.970	0.02	52.02
2.13	0.0	52.45	88.21	14.96	0.0	54.831	8.970	0.0	52.45
2.14	0.0	52.88	88.21	14.96	0.0	54.831	8.970	0.0	52.88
2.15	0.0	53.31	88.21	14.96	0.0	54.831	8.970	0.0	53.31
2.16	0.13	53.31	88.34	15.01	0.0	54.831	8.970	0.29	53.31
2.17	0.13	53.31	88.47	15.07	0.0	54.831	8.970	0.29	53.31
2.18	0.13	53.31	88.60	15.13	0.0	54.831	8.970	0.29	53.31
2.19	0.13	53.31	88.73	15.18	0.0	54.831	8.970	0.29	53.31
2.20	0.13	53.31	88.86	15.24	0.0	54.831	8.970	0.29	53.31
2.21	0.13	53.31	88.99	15.29	0.0	54.831	8.970	0.29	53.31
2.22	0.13	53.31	89.12	15.35	0.0	54.831	8.970	0.29	53.31
2.23	0.12	53.31	89.24	15.40	0.0	54.831	8.970	0.27	53.31
2.24	0.12	53.31	89.36	15.45	0.0	54.831	8.970	0.27	53.31
2.25	0.12	53.31	89.48	15.50	0.0	54.831	8.970	0.27	53.31
2.26	0.01	53.48	89.49	15.51	0.0	54.831	8.970	0.02	53.48
2.27	0.01	53.65	89.50	15.51	0.0	54.831	8.970	0.02	53.65
2.28	0.01	53.82	89.51	15.52	0.0	54.831	8.970	0.02	53.82
2.29	0.01	53.99	89.52	15.52	0.0	54.831	8.970	0.02	53.99
2.30	0.01	54.16	89.53	15.52	0.0	54.831	8.970	0.02	54.16

2.31	0.47	54.16	90.00	15.73	0.0	54.831	8.970	1.04	54.16
2.32	0.47	54.16	90.47	15.93	0.0	54.831	8.970	1.04	54.16
2.33	0.47	54.16	90.94	16.12	0.0	54.831	8.970	1.04	54.16
2.34	0.47	54.16	91.41	16.32	0.0	54.831	8.970	1.04	54.16
2.35	0.46	54.16	91.87	16.51	0.0	54.831	8.970	1.02	54.16
2.36	0.46	54.16	92.33	16.70	0.0	54.831	8.970	1.02	54.16
2.37	0.46	54.16	92.79	16.88	0.0	54.831	8.970	1.02	54.16
2.38	0.46	54.16	93.25	17.06	0.0	54.831	8.970	1.02	54.16
2.39	0.46	54.17	93.71	17.25	0.0	54.831	8.970	1.02	54.17
2.40	0.46	54.17	94.17	17.43	0.0	54.831	8.970	1.02	54.17
2.41	0.45	54.17	94.62	17.60	0.0	54.831	8.970	1.00	54.17
2.42	0.45	54.17	95.07	17.78	0.0	54.831	8.970	1.00	54.17
2.43	0.45	54.17	95.52	17.95	0.0	54.831	8.970	1.00	54.17
2.44	0.45	54.17	95.97	18.12	0.0	54.831	8.970	1.00	54.17
2.45	0.45	54.17	96.42	18.28	0.0	54.831	8.970	1.00	54.17
2.46	0.24	57.04	96.66	18.38	0.0	54.831	8.970	0.53	57.04
2.47	0.24	59.89	96.90	18.48	0.0	54.831	8.970	0.53	59.89
2.48	0.24	62.74	97.14	18.59	0.0	54.831	8.970	0.53	62.74
2.49	0.24	65.57	97.38	18.71	0.0	54.831	8.970	0.53	65.57
2.50	0.24	68.39	97.62	18.83	0.0	54.831	8.970	0.53	68.39
2.51	0.24	71.20	97.86	18.96	0.0	54.831	8.970	0.53	71.20
2.52	0.24	74.00	98.10	19.09	0.0	54.831	8.970	0.53	74.00
2.53	0.23	76.79	98.33	19.23	0.0	54.831	8.970	0.51	76.79
2.54	0.23	79.56	98.56	19.37	0.0	54.831	8.970	0.51	79.56
2.55	0.23	82.33	98.79	19.52	0.0	54.831	8.970	0.51	82.33
2.56	0.23	85.09	99.02	19.67	0.0	54.831	8.970	0.51	85.09
2.57	0.23	87.83	99.25	19.83	0.0	54.831	8.970	0.51	87.83
2.58	0.23	90.56	99.48	19.99	0.0	54.831	8.970	0.51	90.56
2.59	0.23	93.29	99.71	20.16	0.0	54.831	8.970	0.51	93.29
2.60	0.23	96.00	99.94	20.33	0.0	54.831	8.970	0.51	96.00

		CLEAN COAL ASH %	8.97	REFUSE ASH %	34.13
HEAD ASH %	20.33	CLEAN COAL YIELD%	54.83	REFUSE YIELD%	45.17
THEO. YIELD	60.43	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.555	IMPERFECTION	0.024		
NEAR GRAVITY MAT	52.899				
ORGANIC EFFCY.	90.73				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
VIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN: LR.ODH82005 SID: 38 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL SINK WT%	CUM. ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	0.43	0.23	0.43	0.23	99.810	0.429	0.230	0.00	0.23
1.25	0.43	0.45	0.86	0.34	99.715	0.858	0.340	0.00	0.45
1.26	0.43	0.67	1.29	0.45	99.621	1.286	0.450	0.00	0.67
1.27	0.42	0.89	1.71	0.56	99.526	1.704	0.558	0.00	0.89
1.28	0.42	1.10	2.13	0.66	99.432	2.122	0.665	0.01	1.10
1.29	0.42	1.31	2.55	0.77	99.339	2.539	0.771	0.01	1.31
1.30	0.41	1.53	2.96	0.88	99.245	2.946	0.875	0.01	1.53
1.31	0.41	1.73	3.37	0.98	99.151	3.353	0.979	0.01	1.73
1.32	0.41	2.02	3.78	1.09	99.057	3.759	1.092	0.01	2.02
1.33	0.40	2.38	4.18	1.22	98.962	4.155	1.214	0.01	2.38
1.34	0.40	2.74	4.58	1.35	98.906	4.550	1.347	0.01	2.74
1.35	0.40	3.10	4.98	1.49	98.814	4.945	1.487	0.01	3.10
1.36	0.40	3.45	5.38	1.64	98.722	5.340	1.632	0.01	3.45
1.37	0.39	3.80	5.77	1.78	98.631	5.725	1.778	0.01	3.80
1.38	0.39	4.15	6.16	1.93	98.540	6.109	1.927	0.01	4.15
1.39	0.39	4.50	6.55	2.08	98.449	6.493	2.079	0.01	4.50
1.40	0.38	4.84	6.93	2.24	98.359	6.867	2.230	0.01	4.84
1.41	2.93	5.07	9.86	3.08	98.268	9.746	3.069	0.11	5.07
1.42	3.48	5.30	13.34	3.66	98.176	13.163	3.648	0.14	5.30
1.43	3.89	5.53	17.23	4.08	98.084	16.978	4.071	0.16	5.53
1.44	4.16	5.75	21.39	4.41	97.891	21.055	4.396	0.18	5.75
1.45	4.29	5.98	25.68	4.67	97.429	25.234	4.658	0.23	5.98
1.46	4.27	6.98	29.95	5.00	96.225	29.343	4.983	0.34	6.98
1.47	4.11	7.98	34.06	5.36	94.872	33.242	5.335	0.45	7.98
1.48	3.81	8.97	37.87	5.72	93.462	36.803	5.687	0.53	8.97
1.49	3.36	9.95	41.23	6.07	90.767	39.853	6.013	0.66	9.95
1.50	2.78	10.93	44.01	6.37	85.154	42.220	6.289	0.88	10.93
1.51	2.43	11.82	46.44	6.66	79.060	44.142	6.529	1.08	11.82
1.52	2.40	12.70	48.84	6.96	68.055	45.775	6.749	1.63	12.70
1.53	2.35	13.57	51.19	7.26	61.111	47.211	6.957	1.94	13.57
1.54	2.28	14.44	53.47	7.56	54.166	48.446	7.148	2.22	14.44
1.55	2.19	15.31	55.66	7.87	47.222	49.480	7.318	2.46	15.31
1.56	2.08	16.51	57.74	8.18	43.056	50.376	7.482	2.52	16.51
1.57	1.94	17.70	59.68	8.49	36.111	51.076	7.622	2.64	17.70
1.58	1.78	18.88	61.46	8.79	29.167	51.695	7.735	2.68	18.88
1.59	1.60	20.06	63.06	9.08	22.222	51.951	7.820	2.65	20.06
1.60	1.39	21.23	64.45	9.34	18.703	52.211	7.886	2.40	21.23
1.61	1.28	22.38	65.73	9.59	13.703	52.386	7.935	2.35	22.38
1.62	1.26	23.53	66.99	9.86	10.000	52.512	7.972	2.41	23.53
1.63	1.23	24.66	68.22	10.12	7.431	52.604	8.001	2.42	24.66
1.64	1.18	25.79	69.40	10.39	5.776	52.672	8.024	2.37	25.79
1.65	1.13	26.91	70.53	10.65	4.483	52.723	8.042	2.30	26.91
1.66	1.05	27.29	71.58	10.90	3.966	52.764	8.058	2.15	27.29
1.67	0.96	27.67	72.54	11.12	3.468	52.797	8.070	1.97	27.67
1.68	0.86	28.04	73.40	11.32	3.010	52.823	8.080	1.77	28.04
1.69	0.75	28.42	74.15	11.49	2.612	52.843	8.087	1.55	28.42
1.70	0.62	28.79	74.77	11.63	2.294	52.857	8.093	1.29	28.79

1.71	0.53	29.18	75.30	11.76	2.075	52.868	8.097	1.10	29.18
1.72	0.49	29.58	75.79	11.87	1.976	52.878	8.101	1.02	29.58
1.73	0.47	29.97	76.26	11.98	1.913	52.887	8.105	0.98	29.97
1.74	0.45	30.35	76.71	12.09	1.825	52.895	8.108	0.94	30.35
1.75	0.44	30.74	77.15	12.20	1.737	52.903	8.112	0.92	30.74
1.76	0.44	31.47	77.59	12.31	1.650	52.910	8.115	0.92	31.47
1.77	0.46	32.21	78.05	12.42	1.563	52.917	8.118	0.96	32.21
1.78	0.48	32.93	78.53	12.55	1.477	52.924	8.121	1.01	32.93
1.79	0.51	33.66	79.04	12.69	1.392	52.931	8.125	1.07	33.66
1.80	0.55	34.38	79.59	12.84	1.309	52.939	8.128	1.15	34.38
1.81	0.61	34.93	80.20	13.00	1.228	52.946	8.132	1.28	34.93
1.82	0.67	35.48	80.87	13.19	1.149	52.954	8.136	1.41	35.48
1.83	0.71	36.02	81.58	13.39	1.073	52.961	8.140	1.49	36.02
1.84	0.73	36.57	82.31	13.59	1.000	52.969	8.144	1.54	36.57
1.85	0.72	37.11	83.03	13.80	0.928	52.975	8.148	1.52	37.11
1.86	0.70	37.76	83.73	14.00	0.856	52.981	8.151	1.48	37.76
1.87	0.65	38.41	84.38	14.19	0.783	52.986	8.154	1.37	38.41
1.88	0.58	39.06	84.96	14.36	0.711	52.991	8.157	1.23	39.06
1.89	0.50	39.70	85.46	14.51	0.638	52.994	8.158	1.06	39.70
1.90	0.39	40.34	85.85	14.62	0.566	52.996	8.160	0.83	40.34
1.91	0.32	40.84	86.17	14.72	0.494	52.997	8.161	0.68	40.84
1.92	0.31	41.33	86.48	14.82	0.424	52.999	8.162	0.66	41.33
1.93	0.30	41.82	86.78	14.91	0.354	53.000	8.162	0.64	41.82
1.94	0.29	42.31	87.07	15.00	0.286	53.001	8.163	0.62	42.31
1.95	0.29	42.80	87.36	15.09	0.220	53.001	8.163	0.62	42.80
1.96	0.28	43.76	87.64	15.18	0.156	53.002	8.163	0.59	43.76
1.97	0.28	44.72	87.92	15.28	0.094	53.002	8.164	0.60	44.72
1.98	0.29	45.67	88.21	15.38	0.034	53.002	8.164	0.62	45.67
1.99	0.29	46.62	88.50	15.48	0.0	53.002	8.164	0.62	46.62
2.00	0.30	47.56	88.80	15.59	0.0	53.002	8.164	0.64	47.56
2.01	0.31	48.25	89.11	15.70	0.0	53.002	8.164	0.66	48.25
2.02	0.32	48.95	89.43	15.82	0.0	53.002	8.164	0.68	48.95
2.03	0.32	49.63	89.75	15.94	0.0	53.002	8.164	0.68	49.63
2.04	0.32	50.32	90.07	16.06	0.0	53.002	8.164	0.68	50.32
2.05	0.32	51.00	90.39	16.19	0.0	53.002	8.164	0.68	51.00
2.06	0.32	51.90	90.71	16.31	0.0	53.002	8.164	0.68	51.90
2.07	0.31	52.79	91.02	16.44	0.0	53.002	8.164	0.66	52.79
2.08	0.30	53.69	91.32	16.56	0.0	53.002	8.164	0.64	53.69
2.09	0.29	54.58	91.61	16.68	0.0	53.002	8.164	0.62	54.58
2.10	0.28	55.46	91.89	16.80	0.0	53.002	8.164	0.60	55.46
2.11	0.23	56.61	92.12	16.90	0.0	53.002	8.164	0.49	56.61
2.12	0.16	57.76	92.28	16.97	0.0	53.002	8.164	0.34	57.76
2.13	0.10	58.90	92.38	17.01	0.0	53.002	8.164	0.21	58.90
2.14	0.06	60.03	92.44	17.04	0.0	53.002	8.164	0.13	60.03
2.15	0.04	61.16	92.48	17.06	0.0	53.002	8.164	0.09	61.16
2.16	0.02	61.20	92.50	17.07	0.0	53.002	8.164	0.04	61.20
2.17	0.03	61.23	92.53	17.09	0.0	53.002	8.164	0.06	61.23
2.18	0.04	61.27	92.57	17.10	0.0	53.002	8.164	0.09	61.27
2.19	0.07	61.30	92.64	17.14	0.0	53.002	8.164	0.15	61.30
2.20	0.12	61.34	92.76	17.19	0.0	53.002	8.164	0.26	61.34
2.21	0.14	61.53	92.90	17.26	0.0	53.002	8.164	0.30	61.53
2.22	0.14	61.72	93.04	17.33	0.0	53.002	8.164	0.30	61.72
2.23	0.14	61.90	93.18	17.40	0.0	53.002	8.164	0.30	61.90
2.24	0.14	62.09	93.32	17.46	0.0	53.002	8.164	0.30	62.09
2.25	0.15	62.28	93.47	17.53	0.0	53.002	8.164	0.32	62.28
2.26	0.15	62.88	93.62	17.61	0.0	53.002	8.164	0.32	62.88
2.27	0.15	63.48	93.77	17.68	0.0	53.002	8.164	0.32	63.48
2.28	0.16	64.08	93.93	17.76	0.0	53.002	8.164	0.34	64.08
2.29	0.17	64.67	94.10	17.84	0.0	53.002	8.164	0.36	64.67
2.30	0.17	65.27	94.27	17.93	0.0	53.002	8.164	0.36	65.27

2.31	0.21	65.27	94.48	18.03	0.0	53.002	8.164	0.45	65.27
2.32	0.21	65.27	94.69	18.14	0.0	53.002	8.164	0.45	65.27
2.33	0.21	65.27	94.90	18.24	0.0	53.002	8.164	0.45	65.27
2.34	0.20	65.27	95.10	18.34	0.0	53.002	8.164	0.43	65.27
2.35	0.20	65.27	95.30	18.44	0.0	53.002	8.164	0.43	65.27
2.36	0.20	65.27	95.50	18.54	0.0	53.002	8.164	0.43	65.27
2.37	0.20	65.27	95.70	18.64	0.0	53.002	8.164	0.43	65.27
2.38	0.20	65.27	95.90	18.73	0.0	53.002	8.164	0.43	65.27
2.39	0.20	65.27	96.10	18.83	0.0	53.002	8.164	0.43	65.27
2.40	0.20	65.27	96.30	18.93	0.0	53.002	8.164	0.43	65.27
2.41	0.20	65.27	96.50	19.02	0.0	53.002	8.164	0.43	65.27
2.42	0.20	65.27	96.70	19.12	0.0	53.002	8.164	0.43	65.27
2.43	0.20	65.27	96.90	19.21	0.0	53.002	8.164	0.43	65.27
2.44	0.20	65.27	97.10	19.31	0.0	53.002	8.164	0.43	65.27
2.45	0.20	65.27	97.30	19.40	0.0	53.002	8.164	0.43	65.27
2.46	0.19	67.37	97.49	19.50	0.0	53.002	8.164	0.40	67.37
2.47	0.19	69.47	97.68	19.59	0.0	53.002	8.164	0.40	69.47
2.48	0.19	71.56	97.87	19.70	0.0	53.002	8.164	0.40	71.56
2.49	0.18	73.64	98.05	19.79	0.0	53.002	8.164	0.38	73.64
2.50	0.18	75.72	98.23	19.90	0.0	53.002	8.164	0.38	75.72
2.51	0.18	77.78	98.41	20.00	0.0	53.002	8.164	0.38	77.78
2.52	0.18	79.84	98.59	20.11	0.0	53.002	8.164	0.38	79.84
2.53	0.18	81.88	98.77	20.22	0.0	53.002	8.164	0.38	81.88
2.54	0.18	83.93	98.95	20.34	0.0	53.002	8.164	0.38	83.93
2.55	0.18	85.96	99.13	20.46	0.0	53.002	8.164	0.38	85.96
2.56	0.18	87.98	99.31	20.58	0.0	53.002	8.164	0.38	87.98
2.57	0.18	90.00	99.49	20.71	0.0	53.002	8.164	0.38	90.00
2.58	0.18	92.01	99.67	20.84	0.0	53.002	8.164	0.38	92.01
2.59	0.18	94.01	99.85	20.97	0.0	53.002	8.164	0.38	94.01
2.60	0.18	96.00	100.03	21.10	0.0	53.002	8.164	0.38	96.00

		CLEAN COAL ASH %	8.16	REFUSE ASH %	35.70
HEAD ASH %	21.10	CLEAN COAL YIELD%	53.00	REFUSE YIELD%	47.00
THEO. YIELD	57.63	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.559	IMPERFECTION	0.024		
NEAR GRAVITY MAT	41.806				
ORGANIC EFFCY.	91.98				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN SS DDH82007 SID: 47 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 89.28 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.905	0.0	0.010	0.0	0.01
1.24	0.96	0.47	0.96	0.47	99.810	0.958	0.470	0.00	0.47
1.25	0.95	0.93	1.91	0.70	99.715	1.905	0.699	0.00	0.93
1.26	0.95	1.38	2.86	0.93	99.621	2.852	0.925	0.01	1.38
1.27	0.94	1.83	3.80	1.15	99.526	3.787	1.148	0.01	1.83
1.28	0.93	2.28	4.73	1.37	99.432	4.712	1.370	0.01	2.28
1.29	0.92	2.72	5.65	1.59	99.339	5.626	1.590	0.01	2.72
1.30	0.92	3.16	6.57	1.81	99.245	6.539	1.809	0.01	3.16
1.31	0.91	3.60	7.48	2.03	99.151	7.441	2.026	0.01	3.60
1.32	0.90	4.03	8.38	2.24	99.057	8.333	2.241	0.01	4.03
1.33	0.90	4.46	9.28	2.46	98.962	9.224	2.455	0.02	4.46
1.34	0.89	4.89	10.17	2.67	98.906	10.104	2.667	0.02	4.89
1.35	0.88	5.31	11.05	2.88	98.814	10.973	2.876	0.02	5.31
1.36	0.88	5.73	11.93	3.09	98.722	11.842	3.086	0.02	5.73
1.37	0.87	6.20	12.80	3.30	98.631	12.700	3.296	0.02	6.20
1.38	0.86	6.70	13.66	3.52	98.540	13.548	3.509	0.02	6.70
1.39	0.86	7.20	14.52	3.73	98.449	14.394	3.726	0.02	7.20
1.40	0.85	7.70	15.37	3.95	98.359	15.230	3.944	0.02	7.70
1.41	0.85	8.20	16.22	4.18	98.268	16.066	4.166	0.02	8.20
1.42	0.84	8.69	17.06	4.40	98.176	16.890	4.386	0.02	8.69
1.43	0.83	9.18	17.89	4.62	98.084	17.704	4.607	0.03	9.18
1.44	0.83	9.66	18.72	4.84	97.991	18.518	4.829	0.03	9.66
1.45	0.82	10.14	19.54	5.07	97.429	19.317	5.049	0.03	10.14
1.46	0.82	10.62	20.36	5.29	96.225	20.106	5.267	0.05	10.62
1.47	0.81	11.09	21.17	5.51	94.872	20.874	5.482	0.07	11.09
1.48	0.81	11.56	21.98	5.73	93.462	21.631	5.694	0.09	11.56
1.49	0.80	12.03	22.78	5.96	90.767	22.357	5.900	0.12	12.03
1.50	0.79	12.49	23.57	6.17	85.154	23.030	6.093	0.19	12.49
1.51	2.42	12.73	25.99	6.79	79.060	24.943	6.602	0.82	12.73
1.52	2.96	12.96	28.95	7.42	68.055	26.958	7.077	1.54	12.96
1.53	3.36	13.18	32.31	8.02	61.111	29.011	7.509	2.12	13.18
1.54	3.61	13.41	35.92	8.56	54.166	30.966	7.881	2.69	13.41
1.55	3.72	13.64	39.64	9.03	47.222	32.723	8.191	3.19	13.64
1.56	3.69	14.85	43.33	9.53	43.056	34.312	8.499	3.41	14.85
1.57	3.51	16.05	46.84	10.02	36.111	35.579	8.768	3.64	16.05
1.58	3.18	17.24	50.02	10.46	29.167	36.507	8.983	3.66	17.24
1.59	2.71	18.43	52.73	10.89	22.222	37.109	9.136	3.42	18.43
1.60	2.10	19.61	54.83	11.22	18.703	37.502	9.246	2.77	19.61
1.61	1.73	20.89	56.56	11.52	13.703	37.739	9.319	2.43	20.89
1.62	1.67	22.16	58.23	11.82	10.000	37.906	9.376	2.44	22.16
1.63	1.60	23.43	59.83	12.13	7.431	38.025	9.420	2.41	23.43
1.64	1.51	24.68	61.34	12.44	5.776	38.112	9.455	2.31	24.68
1.65	1.40	25.93	62.74	12.74	4.483	38.175	9.482	2.17	25.93
1.66	1.27	26.44	64.01	13.01	3.966	38.225	9.504	1.98	26.44
1.67	1.12	26.95	65.13	13.25	3.468	38.264	9.522	1.76	26.95
1.68	0.95	27.45	66.08	13.46	3.010	38.293	9.535	1.50	27.45
1.69	0.77	27.95	66.85	13.62	2.612	38.313	9.545	1.22	27.95
1.70	0.57	28.45	67.42	13.75	2.294	38.326	9.551	0.90	28.45

1.71	0.46	29.03	67.88	13.85	2.075	38.335	9.556	0.73	29.03
1.72	0.46	29.60	68.34	13.96	1.976	38.344	9.561	0.73	29.60
1.73	0.46	30.18	68.80	14.07	1.913	38.353	9.566	0.73	30.18
1.74	0.46	30.74	69.26	14.18	1.825	38.362	9.570	0.73	30.74
1.75	0.46	31.31	69.72	14.29	1.737	38.370	9.575	0.73	31.31
1.76	0.46	32.03	70.18	14.41	1.650	38.377	9.579	0.74	32.03
1.77	0.46	32.75	70.64	14.53	1.563	38.384	9.584	0.74	32.75
1.78	0.46	33.46	71.10	14.65	1.477	38.391	9.588	0.74	33.46
1.79	0.46	34.17	71.56	14.78	1.392	38.398	9.592	0.74	34.17
1.80	0.46	34.88	72.02	14.90	1.309	38.404	9.596	0.74	34.88
1.81	0.46	35.38	72.48	15.03	1.228	38.409	9.600	0.74	35.38
1.82	0.46	35.88	72.94	15.16	1.149	38.415	9.603	0.74	35.88
1.83	0.46	36.38	73.40	15.30	1.073	38.419	9.607	0.74	36.38
1.84	0.46	36.88	73.86	15.43	1.000	38.424	9.610	0.74	36.88
1.85	0.46	37.37	74.32	15.57	0.928	38.428	9.613	0.74	37.37
1.86	0.46	38.11	74.78	15.71	0.856	38.432	9.616	0.74	38.11
1.87	0.46	38.85	75.24	15.85	0.783	38.436	9.619	0.74	38.85
1.88	0.46	39.59	75.70	15.99	0.711	38.439	9.621	0.74	39.59
1.89	0.45	40.32	76.15	16.14	0.638	38.442	9.624	0.73	40.32
1.90	0.45	41.05	76.60	16.28	0.566	38.445	9.626	0.73	41.05
1.91	0.41	41.60	77.01	16.42	0.494	38.447	9.627	0.66	41.60
1.92	0.33	42.15	77.34	16.53	0.424	38.448	9.629	0.53	42.15
1.93	0.27	42.69	77.61	16.62	0.354	38.449	9.629	0.44	42.69
1.94	0.22	43.23	77.83	16.69	0.286	38.450	9.630	0.36	43.23
1.95	0.19	43.76	78.02	16.76	0.220	38.450	9.630	0.31	43.76
1.96	0.17	44.71	78.19	16.82	0.156	38.450	9.631	0.28	44.71
1.97	0.16	45.65	78.35	16.88	0.094	38.450	9.631	0.26	45.65
1.98	0.17	46.58	78.52	16.94	0.034	38.450	9.631	0.28	46.58
1.99	0.20	47.51	78.72	17.02	0.0	38.450	9.631	0.32	47.51
2.00	0.24	48.43	78.96	17.12	0.0	38.450	9.631	0.39	48.43
2.01	0.26	49.43	79.22	17.22	0.0	38.450	9.631	0.42	49.43
2.02	0.27	50.43	79.49	17.34	0.0	38.450	9.631	0.44	50.43
2.03	0.28	51.42	79.77	17.45	0.0	38.450	9.631	0.45	51.42
2.04	0.28	52.41	80.05	17.58	0.0	38.450	9.631	0.45	52.41
2.05	0.28	53.39	80.33	17.70	0.0	38.450	9.631	0.45	53.39
2.06	0.28	53.66	80.61	17.83	0.0	38.450	9.631	0.45	53.66
2.07	0.27	53.93	80.88	17.95	0.0	38.450	9.631	0.44	53.93
2.08	0.26	54.20	81.14	18.06	0.0	38.450	9.631	0.42	54.20
2.09	0.25	54.47	81.39	18.18	0.0	38.450	9.631	0.41	54.47
2.10	0.24	54.74	81.63	18.28	0.0	38.450	9.631	0.39	54.74
2.11	0.22	54.95	81.85	18.38	0.0	38.450	9.631	0.36	54.95
2.12	0.20	55.16	82.05	18.47	0.0	38.450	9.631	0.32	55.16
2.13	0.19	55.36	82.24	18.56	0.0	38.450	9.631	0.31	55.36
2.14	0.17	55.57	82.41	18.63	0.0	38.450	9.631	0.28	55.57
2.15	0.16	55.77	82.57	18.70	0.0	38.450	9.631	0.26	55.77
2.16	0.16	56.65	82.73	18.78	0.0	38.450	9.631	0.26	56.65
2.17	0.15	57.52	82.88	18.85	0.0	38.450	9.631	0.24	57.52
2.18	0.15	58.39	83.03	18.92	0.0	38.450	9.631	0.24	58.39
2.19	0.15	59.26	83.18	18.99	0.0	38.450	9.631	0.24	59.26
2.20	0.16	60.12	83.34	19.07	0.0	38.450	9.631	0.26	60.12
2.21	0.15	60.67	83.49	19.15	0.0	38.450	9.631	0.24	60.67
2.22	0.13	61.21	83.62	19.21	0.0	38.450	9.631	0.21	61.21
2.23	0.12	61.76	83.74	19.27	0.0	38.450	9.631	0.19	61.76
2.24	0.11	62.30	83.85	19.33	0.0	38.450	9.631	0.18	62.30
2.25	0.11	62.84	83.96	19.39	0.0	38.450	9.631	0.18	62.84
2.26	0.11	63.77	84.07	19.44	0.0	38.450	9.631	0.18	63.77
2.27	0.11	64.70	84.18	19.50	0.0	38.450	9.631	0.18	64.70
2.28	0.12	65.62	84.30	19.57	0.0	38.450	9.631	0.19	65.62
2.29	0.14	66.54	84.44	19.65	0.0	38.450	9.631	0.23	66.54
2.30	0.16	67.45	84.60	19.74	0.0	38.450	9.631	0.26	67.45

2.31	0.55	68.07	85.15	20.05	0.0	38.450	9.631	0.89	68.07
2.32	0.54	68.68	85.69	20.36	0.0	38.450	9.631	0.88	68.68
2.33	0.54	69.28	86.23	20.66	0.0	38.450	9.631	0.88	69.28
2.34	0.54	69.89	86.77	20.97	0.0	38.450	9.631	0.88	69.89
2.35	0.54	70.49	87.31	21.27	0.0	38.450	9.631	0.88	70.49
2.36	0.53	71.09	87.84	21.58	0.0	38.450	9.631	0.86	71.09
2.37	0.53	71.69	88.37	21.88	0.0	38.450	9.631	0.86	71.69
2.38	0.53	72.28	88.90	22.18	0.0	38.450	9.631	0.86	72.28
2.39	0.53	72.88	89.43	22.48	0.0	38.450	9.631	0.86	72.88
2.40	0.52	73.47	89.95	22.77	0.0	38.450	9.631	0.84	73.47
2.41	0.52	74.05	90.47	23.07	0.0	38.450	9.631	0.84	74.05
2.42	0.52	74.64	90.99	23.36	0.0	38.450	9.631	0.84	74.64
2.43	0.52	75.22	91.51	23.66	0.0	38.450	9.631	0.84	75.22
2.44	0.52	75.80	92.03	23.95	0.0	38.450	9.631	0.84	75.80
2.45	0.51	76.38	92.54	24.24	0.0	38.450	9.631	0.83	76.38
2.46	0.51	77.72	93.05	24.53	0.0	38.450	9.631	0.83	77.72
2.47	0.51	79.06	93.56	24.83	0.0	38.450	9.631	0.83	79.06
2.48	0.51	80.40	94.07	25.13	0.0	38.450	9.631	0.83	80.40
2.49	0.51	81.73	94.58	25.44	0.0	38.450	9.631	0.83	81.73
2.50	0.50	83.05	95.08	25.74	0.0	38.450	9.631	0.81	83.05
2.51	0.50	84.37	95.58	26.05	0.0	38.450	9.631	0.81	84.37
2.52	0.50	85.68	96.08	26.36	0.0	38.450	9.631	0.81	85.68
2.53	0.50	86.99	96.58	26.67	0.0	38.450	9.631	0.81	86.99
2.54	0.50	88.29	97.08	26.99	0.0	38.450	9.631	0.81	88.29
2.55	0.49	89.59	97.57	27.30	0.0	38.450	9.631	0.80	89.59
2.56	0.49	90.88	98.06	27.62	0.0	38.450	9.631	0.80	90.88
2.57	0.49	92.17	98.55	27.94	0.0	38.450	9.631	0.80	92.17
2.58	0.49	93.45	99.04	28.26	0.0	38.450	9.631	0.80	93.45
2.59	0.49	94.73	99.53	28.59	0.0	38.450	9.631	0.80	94.73
2.60	0.48	96.00	100.01	28.92	0.0	38.450	9.631	0.78	96.00

		CLEAN COAL ASH %	9.63	REFUSE ASH %	40.96
HEAD ASH %	28.92	CLEAN COAL YIELD%	38.45	REFUSE YIELD%	61.55
THEO. YIELD	44.05	ECART PROB. MOYEN	0.0364		
SG OF SEPARATION	1.562	IMPERFECTION	0.024		
NEAR GRAVITY MAT	43.714				
ORGANIC EFFCY.	87.28				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 1 WID: WA1 EQUIPE HMC SG-ASH 10.00 EP 0.087 SG 1.65
---------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.02 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	1.51	0.23	1.51	0.23	98.537	1.488	0.230	0.09	0.23
1.25	1.50	0.45	3.01	0.34	98.499	2.965	0.340	0.09	0.45
1.26	1.48	0.66	4.49	0.45	98.461	4.423	0.445	0.09	0.66
1.27	1.47	0.88	5.96	0.55	98.423	5.869	0.552	0.09	0.88
1.28	1.46	1.09	7.42	0.66	98.385	7.306	0.658	0.10	1.09
1.29	1.45	1.30	8.87	0.76	98.347	8.732	0.763	0.10	1.30
1.30	1.44	1.51	10.31	0.87	98.309	10.148	0.867	0.10	1.51
1.31	1.43	1.72	11.74	0.97	98.271	11.553	0.971	0.10	1.72
1.32	1.42	2.00	13.16	1.08	98.232	12.948	1.082	0.10	2.00
1.33	1.41	2.34	14.57	1.20	98.194	14.332	1.203	0.10	2.34
1.34	1.40	2.67	15.97	1.33	98.156	15.706	1.332	0.11	2.67
1.35	1.39	3.01	17.36	1.47	98.117	17.070	1.466	0.11	3.01
1.36	1.38	3.34	18.74	1.60	98.078	18.424	1.603	0.11	3.34
1.37	1.36	3.67	20.10	1.74	98.039	19.757	1.743	0.11	3.67
1.38	1.36	4.00	21.46	1.89	98.000	21.090	1.886	0.11	4.00
1.39	1.35	4.32	22.81	2.03	97.871	22.411	2.029	0.12	4.32
1.40	1.34	4.65	24.15	2.18	97.585	23.719	2.174	0.13	4.65
1.41	3.45	5.10	27.60	2.54	97.177	27.071	2.536	0.40	5.10
1.42	4.49	5.55	32.09	2.96	96.680	31.412	2.952	0.61	5.55
1.43	5.23	5.99	37.32	3.39	96.128	36.440	3.372	0.82	5.99
1.44	5.67	6.43	42.99	3.79	95.557	41.858	3.767	1.03	6.43
1.45	5.81	6.87	48.80	4.16	95.000	47.377	4.129	1.18	6.87
1.46	5.65	7.96	54.45	4.55	94.445	52.714	4.517	1.28	7.96
1.47	5.19	9.04	59.64	4.94	93.796	57.582	4.899	1.31	9.04
1.48	4.42	10.12	64.06	5.30	92.959	61.690	5.247	1.27	10.12
1.49	3.36	11.18	67.42	5.59	91.842	64.776	5.530	1.12	11.18
1.50	1.99	12.24	69.41	5.78	90.351	66.574	5.711	0.78	12.24
1.51	1.16	13.31	70.57	5.91	88.056	67.996	5.826	0.56	13.31
1.52	1.07	14.37	71.64	6.03	85.857	68.514	5.940	0.62	14.37
1.53	0.99	15.42	72.63	6.16	83.441	69.340	6.053	0.67	15.42
1.54	0.90	16.47	73.53	6.29	80.849	70.068	6.161	0.70	16.47
1.55	0.82	17.51	74.35	6.41	78.118	70.709	6.264	0.73	17.51
1.56	0.75	18.32	75.10	6.53	75.287	71.273	6.360	0.76	18.32
1.57	0.67	19.12	75.77	6.64	72.126	71.756	6.446	0.76	19.12
1.58	0.60	19.92	76.37	6.74	69.253	72.172	6.523	0.75	19.92
1.59	0.54	20.71	76.91	6.84	66.379	72.530	6.593	0.74	20.71
1.60	0.47	21.50	77.38	6.93	63.506	72.829	6.654	0.70	21.50
1.61	0.46	22.46	77.84	7.02	60.632	73.108	6.715	0.74	22.46
1.62	0.48	23.42	78.32	7.12	57.759	73.385	6.778	0.83	23.42
1.63	0.49	24.38	78.81	7.23	54.885	73.654	6.842	0.90	24.38
1.64	0.49	25.32	79.30	7.34	52.011	73.909	6.906	0.96	25.32
1.65	0.48	26.26	79.78	7.46	49.138	74.145	6.967	0.99	26.26
1.66	0.45	26.93	80.23	7.57	47.126	74.357	7.024	0.97	26.93
1.67	0.41	27.58	80.64	7.67	44.253	74.538	7.074	0.93	27.58
1.68	0.36	28.24	81.00	7.76	41.379	74.687	7.116	0.86	28.24
1.69	0.29	28.89	81.29	7.83	38.506	74.799	7.149	0.73	28.89
1.70	0.21	29.53	81.50	7.89	35.632	74.874	7.171	0.65	29.53

1.71	0.16	30.05	81.66	7.93	32.759	74.926	7.187	0.44	30.05
1.72	0.14	30.57	81.80	7.97	29.885	74.968	7.200	0.40	30.57
1.73	0.13	31.08	81.93	8.01	27.011	75.003	7.212	0.39	31.08
1.74	0.12	31.59	82.05	8.04	24.138	75.032	7.221	0.37	31.59
1.75	0.12	32.10	82.17	8.08	22.222	75.059	7.230	0.38	32.10
1.76	0.12	32.61	82.29	8.11	19.641	75.082	7.238	0.39	32.61
1.77	0.12	33.12	82.41	8.15	17.266	75.103	7.245	0.40	33.12
1.78	0.13	33.63	82.54	8.19	15.106	75.123	7.252	0.45	33.63
1.79	0.15	34.14	82.69	8.24	13.169	75.142	7.259	0.53	34.14
1.80	0.17	34.64	82.86	8.29	11.464	75.162	7.266	0.61	34.64
1.81	0.19	34.97	83.05	8.35	10.000	75.181	7.273	0.70	34.97
1.82	0.20	35.29	83.25	8.42	8.761	75.198	7.280	0.74	35.29
1.83	0.20	35.62	83.45	8.48	7.718	75.214	7.285	0.75	35.62
1.84	0.20	35.94	83.65	8.55	6.857	75.228	7.291	0.76	35.94
1.85	0.20	36.26	83.85	8.62	6.166	75.240	7.295	0.76	36.26
1.86	0.20	37.09	84.05	8.68	5.631	75.251	7.300	0.77	37.09
1.87	0.19	37.92	84.24	8.75	5.240	75.261	7.304	0.73	37.92
1.88	0.18	38.74	84.42	8.81	4.980	75.270	7.308	0.70	38.74
1.89	0.17	39.56	84.59	8.87	4.788	75.278	7.311	0.66	39.56
1.90	0.15	40.37	84.74	8.93	4.573	75.285	7.314	0.58	40.37
1.91	0.14	41.01	84.88	8.98	4.358	75.291	7.317	0.55	41.01
1.92	0.14	41.64	85.02	9.04	4.143	75.297	7.319	0.55	41.64
1.93	0.13	42.28	85.15	9.09	3.930	75.302	7.322	0.51	42.28
1.94	0.13	42.90	85.28	9.14	3.721	75.307	7.324	0.51	42.90
1.95	0.13	43.53	85.41	9.19	3.516	75.311	7.326	0.51	43.53
1.96	0.13	44.13	85.54	9.24	3.319	75.316	7.328	0.51	44.13
1.97	0.13	44.74	85.67	9.30	3.129	75.320	7.330	0.51	44.74
1.98	0.13	45.33	85.80	9.35	2.948	75.324	7.332	0.51	45.33
1.99	0.13	45.93	85.93	9.41	2.778	75.327	7.334	0.51	45.93
2.00	0.13	46.52	86.06	9.46	2.620	75.331	7.336	0.52	46.52
2.01	0.14	46.90	86.20	9.53	2.476	75.334	7.338	0.56	46.90
2.02	0.14	47.27	86.34	9.59	2.347	75.337	7.340	0.56	47.27
2.03	0.14	47.65	86.48	9.65	2.235	75.341	7.341	0.56	47.65
2.04	0.15	48.02	86.63	9.71	2.141	75.344	7.343	0.60	48.02
2.05	0.15	48.39	86.78	9.78	2.066	75.347	7.345	0.60	48.39
2.06	0.15	49.34	86.93	9.85	2.012	75.350	7.346	0.60	49.34
2.07	0.15	50.30	87.08	9.92	1.964	75.353	7.348	0.60	50.30
2.08	0.15	51.24	87.23	9.99	1.927	75.356	7.350	0.60	51.24
2.09	0.15	52.19	87.38	10.06	1.891	75.359	7.351	0.60	52.19
2.10	0.14	53.13	87.52	10.13	1.854	75.361	7.353	0.56	53.13
2.11	0.13	54.04	87.65	10.20	1.817	75.364	7.354	0.52	54.04
2.12	0.11	54.95	87.76	10.25	1.780	75.366	7.356	0.44	54.95
2.13	0.09	55.86	87.85	10.30	1.743	75.367	7.357	0.36	55.86
2.14	0.07	56.76	87.92	10.34	1.706	75.368	7.358	0.28	56.76
2.15	0.05	57.66	87.97	10.36	1.669	75.369	7.358	0.20	57.66
2.16	0.04	58.55	88.01	10.39	1.633	75.370	7.359	0.16	58.55
2.17	0.03	59.44	88.04	10.40	1.596	75.370	7.359	0.12	59.44
2.18	0.02	60.33	88.06	10.41	1.560	75.371	7.359	0.08	60.33
2.19	0.01	61.21	88.07	10.42	1.523	75.371	7.359	0.04	61.21
2.20	0.01	62.09	88.08	10.43	1.487	75.371	7.359	0.04	62.09
2.21	0.01	62.68	88.09	10.43	1.451	75.371	7.359	0.04	62.68
2.22	0.01	63.28	88.10	10.44	1.415	75.371	7.360	0.04	63.28
2.23	0.02	63.88	88.12	10.45	1.380	75.371	7.360	0.08	63.88
2.24	0.02	64.47	88.14	10.46	1.345	75.372	7.360	0.08	64.47
2.25	0.03	65.06	88.17	10.48	1.311	75.372	7.360	0.12	65.06
2.26	0.04	65.64	88.21	10.51	1.276	75.373	7.361	0.16	65.64
2.27	0.06	66.22	88.27	10.54	1.242	75.373	7.361	0.24	66.22
2.28	0.07	66.81	88.34	10.59	1.209	75.374	7.362	0.28	66.81
2.29	0.09	67.38	88.43	10.65	1.176	75.375	7.363	0.36	67.38
2.30	0.11	67.96	88.54	10.72	1.144	75.376	7.364	0.44	67.96

2.31	0.41	68.38	88.95	10.98	1.112	75.381	7.367	1.65	68.38
2.32	0.40	68.80	89.35	11.24	1.081	75.385	7.371	1.61	68.80
2.33	0.40	69.21	89.75	11.50	1.050	75.390	7.374	1.61	69.21
2.34	0.40	69.62	90.15	11.76	1.021	75.394	7.378	1.61	69.62
2.35	0.40	70.04	90.55	12.01	0.991	75.398	7.381	1.61	70.04
2.36	0.40	70.45	90.95	12.27	0.971	75.402	7.384	1.61	70.45
2.37	0.40	70.85	91.35	12.53	0.942	75.405	7.387	1.61	70.85
2.38	0.39	71.26	91.74	12.78	0.912	75.409	7.390	1.57	71.26
2.39	0.39	71.67	92.13	13.03	0.883	75.412	7.393	1.57	71.67
2.40	0.39	72.07	92.52	13.28	0.853	75.416	7.396	1.58	72.07
2.41	0.39	72.47	92.91	13.52	0.823	75.419	7.399	1.58	72.47
2.42	0.39	72.87	93.30	13.77	0.794	75.422	7.402	1.58	72.87
2.43	0.39	73.27	93.69	14.02	0.764	75.425	7.404	1.58	73.27
2.44	0.38	73.67	94.07	14.26	0.734	75.428	7.407	1.54	73.67
2.45	0.38	74.06	94.45	14.50	0.704	75.430	7.409	1.54	74.06
2.46	0.38	75.56	94.83	14.75	0.674	75.433	7.411	1.54	75.56
2.47	0.38	77.06	95.21	15.00	0.645	75.435	7.414	1.54	77.06
2.48	0.38	78.55	95.59	15.25	0.615	75.438	7.416	1.54	78.55
2.49	0.38	80.04	95.97	15.50	0.585	75.440	7.418	1.54	80.04
2.50	0.37	81.52	96.34	15.76	0.555	75.442	7.420	1.50	81.52
2.51	0.37	82.99	96.71	16.02	0.526	75.444	7.422	1.50	82.99
2.52	0.37	84.46	97.08	16.28	0.496	75.446	7.424	1.50	84.46
2.53	0.37	85.92	97.45	16.54	0.467	75.447	7.426	1.50	85.92
2.54	0.37	87.38	97.82	16.81	0.437	75.449	7.427	1.50	87.38
2.55	0.37	88.83	98.19	17.08	0.408	75.451	7.429	1.50	88.83
2.56	0.37	90.28	98.56	17.35	0.379	75.452	7.431	1.50	90.28
2.57	0.36	91.72	98.92	17.63	0.350	75.453	7.432	1.46	91.72
2.58	0.36	93.15	99.28	17.90	0.321	75.454	7.433	1.46	93.15
2.59	0.36	94.58	99.64	18.18	0.292	75.455	7.435	1.46	94.58
2.60	0.36	96.00	100.00	18.46	0.264	75.456	7.436	1.46	96.00

		CLEAN COAL ASH %	7.44	REFUSE ASH %	52.34
HEAD ASH %	18.46	CLEAN COAL YIELD%	75.46	REFUSE YIELD%	24.54
THEO. YIELD	79.69	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.648	IMPERFECTION	0.093		
NEAR GRAVITY MAT	7.950				
ORGANIC EFFCY.	94.69				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 3 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

---------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 23.00 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.97	0.49	0.97	0.49	98.537	0.956	0.490	0.06	0.49
1.25	0.97	0.96	1.94	0.72	98.499	1.911	0.725	0.06	0.96
1.26	0.96	1.42	2.90	0.96	98.461	2.856	0.955	0.06	1.42
1.27	0.95	1.89	3.85	1.19	98.423	3.791	1.186	0.06	1.89
1.28	0.94	2.35	4.79	1.41	98.385	4.716	1.414	0.06	2.35
1.29	0.94	2.80	5.73	1.64	98.347	5.641	1.641	0.06	2.80
1.30	0.93	3.26	6.66	1.87	98.309	6.555	1.867	0.06	3.26
1.31	0.92	3.71	7.58	2.09	98.271	7.459	2.090	0.06	3.71
1.32	0.92	3.96	8.50	2.29	98.232	8.363	2.292	0.06	3.96
1.33	0.91	4.00	9.41	2.46	98.194	9.256	2.457	0.06	4.00
1.34	0.90	4.05	10.31	2.60	98.156	10.140	2.596	0.07	4.05
1.35	0.89	4.10	11.20	2.72	98.117	11.013	2.715	0.07	4.10
1.36	0.89	4.15	12.09	2.82	98.078	11.886	2.821	0.07	4.15
1.37	0.88	4.20	12.97	2.92	98.039	12.749	2.914	0.07	4.20
1.38	0.88	4.24	13.85	3.00	98.000	13.611	2.998	0.07	4.24
1.39	0.87	4.29	14.72	3.08	97.871	14.463	3.074	0.07	4.29
1.40	0.86	4.34	15.58	3.15	97.585	15.302	3.143	0.08	4.34
1.41	3.26	4.44	18.84	3.37	97.177	18.470	3.366	0.36	4.44
1.42	4.12	4.54	22.96	3.58	96.680	22.453	3.574	0.54	4.54
1.43	4.74	4.64	27.70	3.76	96.128	27.009	3.754	0.72	4.64
1.44	5.11	4.74	32.81	3.91	95.557	31.892	3.905	0.89	4.74
1.45	5.25	4.84	38.06	4.04	95.000	36.880	4.031	1.03	4.84
1.46	5.16	5.73	43.22	4.24	94.445	41.753	4.230	1.12	5.73
1.47	4.82	6.61	48.04	4.48	93.796	46.274	4.462	1.17	6.61
1.48	4.24	7.48	52.28	4.72	92.959	50.216	4.699	1.17	7.48
1.49	3.43	8.35	55.71	4.95	91.842	53.366	4.915	1.10	8.35
1.50	2.37	9.21	58.08	5.12	90.351	55.507	5.080	0.90	9.21
1.51	1.74	9.95	59.82	5.26	88.056	57.039	5.211	0.82	9.95
1.52	1.70	10.69	61.52	5.41	85.857	58.499	5.348	0.94	10.69
1.53	1.65	11.42	63.17	5.57	83.441	59.876	5.487	1.07	11.42
1.54	1.60	12.14	64.77	5.73	80.849	61.169	5.628	1.20	12.14
1.55	1.55	12.86	66.32	5.90	78.118	62.380	5.768	1.33	12.86
1.56	1.50	13.47	67.82	6.06	75.287	63.509	5.905	1.45	13.47
1.57	1.45	14.07	69.27	6.23	72.126	64.555	6.038	1.59	14.07
1.58	1.40	14.66	70.67	6.40	69.253	65.525	6.165	1.69	14.66
1.59	1.35	15.26	72.02	6.57	66.379	66.421	6.288	1.78	15.26
1.60	1.30	15.85	73.32	6.73	63.506	67.247	6.405	1.86	15.85
1.61	1.29	16.39	74.61	6.90	60.632	68.029	6.520	1.99	16.39
1.62	1.33	16.92	75.94	7.07	57.759	68.797	6.636	2.20	16.92
1.63	1.34	17.45	77.28	7.25	54.885	69.532	6.751	2.37	17.45
1.64	1.33	17.98	78.61	7.43	52.011	70.224	6.861	2.50	17.98
1.65	1.31	18.51	79.92	7.62	49.138	70.868	6.967	2.61	18.51
1.66	1.26	19.34	81.18	7.80	47.126	71.462	7.070	2.61	19.34
1.67	1.19	20.17	82.37	7.98	44.253	71.988	7.166	2.60	20.17
1.68	1.11	21.00	83.48	8.15	41.379	72.448	7.253	2.55	21.00
1.69	1.00	21.82	84.48	8.31	38.506	72.833	7.330	2.41	21.82
1.70	0.87	22.64	85.35	8.46	35.632	73.143	7.395	2.20	22.64

1.71	0.76	23.57	86.11	8.59	32.759	73.392	7.450	2.00	23.57
1.72	0.68	24.49	86.79	8.72	29.885	73.595	7.497	1.87	24.49
1.73	0.61	25.41	87.40	8.83	27.011	73.760	7.537	1.75	25.41
1.74	0.54	26.33	87.94	8.94	24.138	73.890	7.570	1.61	26.33
1.75	0.47	27.23	88.41	9.04	22.222	73.994	7.598	1.43	27.23
1.76	0.42	27.98	88.83	9.13	19.641	74.077	7.621	1.32	27.98
1.77	0.36	28.71	89.19	9.21	17.266	74.139	7.639	1.17	28.71
1.78	0.32	29.45	89.51	9.28	15.106	74.187	7.653	1.07	29.45
1.79	0.27	30.18	89.78	9.34	13.169	74.223	7.664	0.92	30.18
1.80	0.24	30.90	90.02	9.40	11.464	74.250	7.672	0.83	30.90
1.81	0.22	31.83	90.24	9.45	10.000	74.272	7.679	0.78	31.83
1.82	0.22	32.75	90.46	9.51	8.761	74.292	7.686	0.79	32.75
1.83	0.22	33.66	90.68	9.57	7.718	74.309	7.692	0.80	33.66
1.84	0.22	34.57	90.90	9.63	6.857	74.324	7.697	0.80	34.57
1.85	0.21	35.48	91.11	9.69	6.166	74.337	7.702	0.77	35.48
1.86	0.20	36.07	91.31	9.75	5.631	74.348	7.706	0.74	36.07
1.87	0.19	36.66	91.50	9.80	5.240	74.358	7.710	0.71	36.66
1.88	0.17	37.25	91.67	9.85	4.980	74.366	7.714	0.63	37.25
1.89	0.16	37.83	91.83	9.90	4.788	74.374	7.717	0.60	37.83
1.90	0.14	38.41	91.97	9.94	4.573	74.380	7.719	0.52	38.41
1.91	0.12	38.70	92.09	9.98	4.358	74.386	7.722	0.45	38.70
1.92	0.12	38.99	92.21	10.02	4.143	74.391	7.724	0.45	38.99
1.93	0.11	39.28	92.32	10.05	3.930	74.395	7.726	0.41	39.28
1.94	0.11	39.57	92.43	10.09	3.721	74.399	7.727	0.42	39.57
1.95	0.11	39.85	92.54	10.13	3.516	74.403	7.729	0.42	39.85
1.96	0.11	41.03	92.65	10.16	3.319	74.407	7.731	0.42	41.03
1.97	0.11	42.21	92.76	10.20	3.129	74.410	7.732	0.42	42.21
1.98	0.12	43.38	92.88	10.24	2.948	74.414	7.734	0.46	43.38
1.99	0.13	44.54	93.01	10.29	2.778	74.417	7.736	0.50	44.54
2.00	0.14	45.70	93.15	10.34	2.620	74.421	7.738	0.53	45.70
2.01	0.14	46.59	93.29	10.40	2.476	74.424	7.739	0.54	46.59
2.02	0.15	47.48	93.44	10.46	2.347	74.428	7.741	0.57	47.48
2.03	0.16	48.36	93.60	10.52	2.235	74.431	7.743	0.61	48.36
2.04	0.16	49.24	93.76	10.59	2.141	74.435	7.745	0.61	49.24
2.05	0.16	50.11	93.92	10.66	2.066	74.438	7.747	0.61	50.11
2.06	0.16	50.75	94.08	10.72	2.012	74.441	7.749	0.62	50.75
2.07	0.16	51.38	94.24	10.79	1.964	74.444	7.751	0.62	51.38
2.08	0.15	52.01	94.39	10.86	1.927	74.447	7.752	0.58	52.01
2.09	0.15	52.64	94.54	10.92	1.891	74.450	7.754	0.58	52.64
2.10	0.14	53.27	94.68	10.89	1.854	74.453	7.756	0.54	53.27
2.11	0.13	53.27	94.81	11.05	1.817	74.455	7.757	0.50	53.27
2.12	0.13	53.27	94.94	11.10	1.780	74.457	7.759	0.50	53.27
2.13	0.13	53.27	95.07	11.16	1.743	74.460	7.760	0.50	53.27
2.14	0.13	53.27	95.20	11.22	1.706	74.462	7.761	0.50	53.27
2.15	0.13	53.27	95.33	11.28	1.669	74.464	7.763	0.50	53.27
2.16	0.13	53.27	95.46	11.33	1.633	74.466	7.764	0.50	53.27
2.17	0.13	53.27	95.59	11.39	1.596	74.468	7.765	0.50	53.27
2.18	0.12	53.27	95.71	11.44	1.560	74.470	7.766	0.46	53.27
2.19	0.12	53.27	95.83	11.49	1.523	74.472	7.767	0.46	53.27
2.20	0.12	53.27	95.95	11.55	1.487	74.474	7.769	0.46	53.27
2.21	0.12	53.27	96.07	11.60	1.451	74.476	7.770	0.46	53.27
2.22	0.12	53.27	96.19	11.65	1.415	74.477	7.771	0.46	53.27
2.23	0.12	53.27	96.31	11.70	1.380	74.479	7.772	0.46	53.27
2.24	0.12	53.27	96.43	11.75	1.345	74.481	7.773	0.46	53.27
2.25	0.12	53.27	96.55	11.81	1.311	74.482	7.774	0.46	53.27
2.26	0.12	53.27	96.67	11.86	1.276	74.484	7.775	0.46	53.27
2.27	0.12	53.27	96.79	11.91	1.242	74.485	7.775	0.46	53.27
2.28	0.12	53.28	96.91	11.96	1.209	74.487	7.776	0.47	53.28
2.29	0.12	53.28	97.03	12.01	1.176	74.488	7.777	0.47	53.28
2.30	0.12	53.28	97.15	12.06	1.144	74.489	7.778	0.47	53.28

2.31	0.12	53.28	97.27	12.11	1.112	74.491	7.779	0.47	53.28
2.32	0.12	53.28	97.39	12.16	1.081	74.492	7.780	0.47	53.28
2.33	0.12	53.28	97.51	12.21	1.050	74.493	7.780	0.47	53.28
2.34	0.12	53.28	97.63	12.27	1.021	74.494	7.781	0.47	53.28
2.35	0.12	53.28	97.75	12.32	0.991	74.496	7.782	0.47	53.28
2.36	0.09	55.07	97.84	12.35	0.971	74.497	7.782	0.35	55.07
2.37	0.09	56.86	97.93	12.40	0.942	74.497	7.783	0.35	56.86
2.38	0.09	58.64	98.02	12.44	0.912	74.498	7.784	0.35	58.64
2.39	0.09	60.41	98.11	12.48	0.883	74.499	7.784	0.35	60.41
2.40	0.09	62.17	98.20	12.53	0.853	74.500	7.785	0.35	62.17
2.41	0.09	63.93	98.29	12.57	0.823	74.500	7.785	0.35	63.93
2.42	0.09	65.68	98.38	12.62	0.794	74.501	7.786	0.35	65.68
2.43	0.09	67.42	98.47	12.67	0.764	74.502	7.786	0.35	67.42
2.44	0.09	69.16	98.56	12.73	0.734	74.503	7.787	0.35	69.16
2.45	0.09	70.89	98.65	12.78	0.704	74.503	7.787	0.35	70.89
2.46	0.09	72.61	98.74	12.83	0.674	74.504	7.788	0.35	72.61
2.47	0.09	74.32	98.83	12.89	0.645	74.504	7.789	0.35	74.32
2.48	0.09	76.03	98.92	12.95	0.615	74.505	7.789	0.35	76.03
2.49	0.09	77.73	99.01	13.01	0.585	74.505	7.790	0.35	77.73
2.50	0.09	79.43	99.10	13.07	0.555	74.506	7.790	0.35	79.43
2.51	0.09	81.11	99.19	13.13	0.526	74.506	7.790	0.35	81.11
2.52	0.09	82.79	99.28	13.19	0.496	74.507	7.791	0.35	82.79
2.53	0.09	84.47	99.37	13.25	0.467	74.507	7.791	0.35	84.47
2.54	0.09	86.13	99.46	13.32	0.437	74.508	7.792	0.35	86.13
2.55	0.09	87.79	99.55	13.39	0.408	74.508	7.792	0.35	87.79
2.56	0.09	89.45	99.64	13.46	0.379	74.508	7.793	0.35	89.45
2.57	0.09	91.10	99.73	13.53	0.350	74.509	7.793	0.35	91.10
2.58	0.09	92.74	99.82	13.60	0.321	74.509	7.793	0.35	92.74
2.59	0.09	94.37	99.91	13.67	0.292	74.509	7.794	0.35	94.37
2.60	0.09	96.00	100.00	13.75	0.264	74.510	7.794	0.35	96.00

		CLEAN COAL ASH %	7.79	REFUSE ASH %	31.14
HEAD ASH %	13.75	CLEAN COAL YIELD%	74.51	REFUSE YIELD%	25.49
THEO. YIELD	81.15	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.660	IMPERFECTION	0.053		
NEAR GRAVITY MAT	21.032				
ORGANIC EFFCY.	91.81				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 7 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.36 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.65	0.24	0.65	0.24	98.537	0.640	0.240	0.02	0.24
1.25	0.65	0.47	1.30	0.35	98.499	1.281	0.355	0.02	0.47
1.26	0.64	0.69	1.94	0.47	98.461	1.911	0.465	0.02	0.69
1.27	0.64	0.91	2.58	0.58	98.423	2.541	0.576	0.02	0.91
1.28	0.63	1.14	3.21	0.69	98.385	3.161	0.686	0.02	1.14
1.29	0.63	1.36	3.84	0.80	98.347	3.780	0.797	0.02	1.36
1.30	0.62	1.57	4.46	0.90	98.309	4.390	0.904	0.02	1.57
1.31	0.62	1.79	5.08	1.01	98.271	4.999	1.012	0.02	1.79
1.32	0.61	2.05	5.69	1.12	98.232	5.598	1.123	0.02	2.05
1.33	0.61	2.36	6.30	1.24	98.194	6.197	1.243	0.02	2.36
1.34	0.60	2.67	6.90	1.37	98.156	6.786	1.367	0.02	2.67
1.35	0.60	2.98	7.50	1.50	98.117	7.375	1.495	0.03	2.98
1.36	0.60	3.28	8.10	1.63	98.078	7.963	1.627	0.03	3.28
1.37	0.59	3.58	8.69	1.76	98.039	8.542	1.759	0.03	3.58
1.38	0.59	3.88	9.28	1.90	98.000	9.120	1.894	0.03	3.88
1.39	0.58	4.18	9.86	2.03	97.871	9.688	2.028	0.03	4.18
1.40	0.58	4.47	10.44	2.17	97.585	10.254	2.163	0.03	4.47
1.41	2.45	4.68	12.89	2.64	97.177	12.634	2.637	0.15	4.68
1.42	3.08	4.89	15.97	3.08	96.680	15.612	3.067	0.23	4.89
1.43	3.53	5.10	19.50	3.44	96.128	19.005	3.430	0.30	5.10
1.44	3.82	5.31	23.32	3.75	95.557	22.656	3.733	0.38	5.31
1.45	3.93	5.51	27.25	4.00	95.000	26.389	3.984	0.44	5.51
1.46	3.87	6.43	31.12	4.30	94.445	30.044	4.282	0.48	6.43
1.47	3.65	7.35	34.77	4.62	93.796	33.468	4.596	0.50	7.35
1.48	3.25	8.26	38.02	4.94	92.959	36.489	4.899	0.51	8.26
1.49	2.68	9.17	40.70	5.21	91.842	38.950	5.169	0.48	9.17
1.50	1.94	10.06	42.64	5.43	90.351	40.703	5.380	0.41	10.06
1.51	1.49	10.96	44.13	5.62	88.056	42.016	5.554	0.39	10.96
1.52	1.44	11.85	45.57	5.82	85.857	43.252	5.734	0.45	11.85
1.53	1.39	12.74	46.96	6.02	83.441	44.411	5.917	0.51	12.74
1.54	1.33	13.62	48.29	6.23	80.849	45.487	6.099	0.56	13.62
1.55	1.26	14.49	49.55	6.44	78.118	46.471	6.277	0.61	14.49
1.56	1.19	15.08	50.74	6.64	75.287	47.367	6.443	0.65	15.08
1.57	1.11	15.66	51.85	6.84	72.126	48.167	6.596	0.69	15.66
1.58	1.03	16.24	52.88	7.02	69.253	48.881	6.737	0.70	16.24
1.59	0.95	16.81	53.83	7.19	66.379	49.511	6.865	0.71	16.81
1.60	0.86	17.38	54.69	7.35	63.506	50.058	6.980	0.70	17.38
1.61	0.83	17.97	55.52	7.51	60.632	50.561	7.089	0.72	17.97
1.62	0.86	18.55	56.38	7.68	57.759	51.058	7.201	0.80	18.55
1.63	0.87	19.13	57.25	7.85	54.885	51.535	7.311	0.87	19.13
1.64	0.86	19.70	58.11	8.03	52.011	51.982	7.418	0.91	19.70
1.65	0.83	20.27	58.94	8.20	49.138	52.390	7.518	0.94	20.27
1.66	0.78	21.28	59.72	8.37	47.126	52.758	7.614	0.91	21.28
1.67	0.71	22.27	60.43	8.54	44.253	53.072	7.701	0.88	22.27
1.68	0.63	23.26	61.06	8.69	41.379	53.333	7.777	0.82	23.26
1.69	0.52	24.25	61.58	8.82	38.506	53.533	7.838	0.71	24.25
1.70	0.40	25.23	61.98	8.93	35.632	53.675	7.885	0.57	25.23

1.71	0.32	26.07	62.30	9.01	32.759	53.780	7.920	0.48	26.07
1.72	0.31	26.91	62.61	9.10	29.885	53.873	7.953	0.48	26.91
1.73	0.30	27.75	62.91	9.19	27.011	53.954	7.982	0.49	27.75
1.74	0.29	28.58	63.20	9.28	24.138	54.024	8.009	0.49	28.58
1.75	0.29	29.40	63.49	9.37	22.222	54.088	8.035	0.50	29.40
1.76	0.29	30.12	63.78	9.47	19.641	54.145	8.058	0.52	30.12
1.77	0.29	30.84	64.07	9.56	17.266	54.195	8.079	0.53	30.84
1.78	0.30	31.55	64.37	9.67	15.106	54.241	8.099	0.56	31.55
1.79	0.31	32.26	64.68	9.77	13.169	54.282	8.117	0.60	32.26
1.80	0.32	32.96	65.00	9.89	11.464	54.318	8.134	0.63	32.96
1.81	0.33	33.52	65.33	10.01	10.000	54.351	8.149	0.66	33.52
1.82	0.33	34.08	65.66	10.13	8.761	54.380	8.163	0.67	34.08
1.83	0.34	34.63	66.00	10.25	7.718	54.406	8.175	0.70	34.63
1.84	0.34	35.18	66.34	10.38	6.857	54.430	8.187	0.70	35.18
1.85	0.34	35.73	66.68	10.51	6.166	54.451	8.198	0.71	35.73
1.86	0.34	36.49	67.02	10.64	5.631	54.470	8.208	0.71	36.49
1.87	0.33	37.24	67.35	10.77	5.240	54.487	8.217	0.69	37.24
1.88	0.33	37.99	67.68	10.91	4.980	54.503	8.226	0.69	37.99
1.89	0.32	38.73	68.00	11.04	4.788	54.519	8.234	0.68	38.73
1.90	0.31	39.47	68.31	11.17	4.573	54.533	8.243	0.66	39.47
1.91	0.28	39.89	68.59	11.28	4.358	54.545	8.250	0.59	39.89
1.92	0.24	40.31	68.83	11.38	4.143	54.555	8.255	0.51	40.31
1.93	0.20	40.72	69.03	11.47	3.930	54.563	8.260	0.43	40.72
1.94	0.18	41.14	69.21	11.55	3.721	54.570	8.264	0.38	41.14
1.95	0.17	41.55	69.38	11.62	3.516	54.576	8.268	0.36	41.55
1.96	0.16	42.71	69.54	11.69	3.319	54.581	8.271	0.34	42.71
1.97	0.16	43.86	69.70	11.77	3.129	54.586	8.274	0.34	43.86
1.98	0.17	45.01	69.87	11.85	2.948	54.591	8.278	0.37	45.01
1.99	0.19	46.15	70.06	11.94	2.778	54.596	8.281	0.41	46.15
2.00	0.22	47.29	70.28	12.05	2.620	54.602	8.286	0.47	47.29
2.01	0.25	48.15	70.53	12.18	2.476	54.608	8.290	0.54	48.15
2.02	0.28	49.01	70.81	12.32	2.347	54.615	8.295	0.61	49.01
2.03	0.30	49.86	71.11	12.48	2.235	54.621	8.300	0.65	49.86
2.04	0.31	50.71	71.42	12.65	2.141	54.628	8.305	0.67	50.71
2.05	0.32	51.56	71.74	12.82	2.066	54.635	8.310	0.69	51.56
2.06	0.32	52.35	72.06	13.00	2.012	54.641	8.316	0.69	52.35
2.07	0.32	53.14	72.38	13.17	1.964	54.647	8.321	0.70	53.14
2.08	0.32	53.93	72.70	13.35	1.927	54.654	8.326	0.70	53.93
2.09	0.30	54.71	73.00	13.52	1.891	54.659	8.331	0.65	54.71
2.10	0.29	55.49	73.29	13.69	1.854	54.665	8.335	0.63	55.49
2.11	0.25	56.15	73.54	13.83	1.817	54.669	8.339	0.54	56.15
2.12	0.21	56.80	73.75	13.96	1.780	54.673	8.343	0.46	56.80
2.13	0.17	57.45	73.92	14.06	1.743	54.676	8.345	0.37	57.45
2.14	0.14	58.10	74.06	14.14	1.706	54.678	8.348	0.30	58.10
2.15	0.11	58.75	74.17	14.21	1.669	54.680	8.349	0.24	58.75
2.16	0.09	59.39	74.26	14.26	1.633	54.682	8.351	0.20	59.39
2.17	0.07	60.03	74.33	14.30	1.596	54.683	8.352	0.15	60.03
2.18	0.05	60.66	74.38	14.34	1.560	54.684	8.352	0.11	60.66
2.19	0.04	61.30	74.42	14.36	1.523	54.684	8.353	0.09	61.30
2.20	0.04	61.93	74.46	14.39	1.487	54.685	8.354	0.09	61.93
2.21	0.03	62.71	74.49	14.41	1.451	54.685	8.354	0.07	62.71
2.22	0.04	63.49	74.53	14.43	1.415	54.686	8.355	0.09	63.49
2.23	0.05	64.27	74.58	14.47	1.380	54.686	8.355	0.11	64.27
2.24	0.06	65.04	74.64	14.51	1.345	54.687	8.356	0.13	65.04
2.25	0.08	65.81	74.72	14.56	1.311	54.688	8.357	0.17	65.81
2.26	0.10	66.57	74.82	14.63	1.276	54.690	8.359	0.22	66.57
2.27	0.13	67.34	74.95	14.72	1.242	54.691	8.360	0.28	67.34
2.28	0.16	68.10	75.11	14.84	1.209	54.693	8.363	0.35	68.10
2.29	0.20	68.85	75.31	14.98	1.176	54.695	8.365	0.44	68.85
2.30	0.24	69.60	75.55	15.15	1.144	54.698	8.368	0.53	69.60

2.31	0.87	70.13	76.42	15.78	1.112	54.708	8.379	1.91	70.13
2.32	0.86	70.64	77.28	16.39	1.081	54.717	8.390	1.88	70.64
2.33	0.86	71.16	78.14	16.99	1.050	54.726	8.400	1.89	71.16
2.34	0.85	71.68	78.99	17.58	1.021	54.735	8.410	1.86	71.68
2.35	0.85	72.19	79.84	18.16	0.991	54.743	8.420	1.86	72.19
2.36	0.85	72.70	80.69	18.74	0.971	54.752	8.430	1.87	72.70
2.37	0.84	73.21	81.53	19.30	0.942	54.759	8.439	1.84	73.21
2.38	0.84	73.72	82.37	19.85	0.912	54.767	8.448	1.84	73.72
2.39	0.84	74.22	83.21	20.40	0.883	54.775	8.457	1.84	74.22
2.40	0.83	74.72	84.04	20.94	0.853	54.782	8.466	1.82	74.72
2.41	0.83	75.22	84.87	21.47	0.823	54.788	8.474	1.82	75.22
2.42	0.83	75.72	85.70	21.99	0.794	54.795	8.482	1.82	75.72
2.43	0.82	76.22	86.52	22.51	0.764	54.801	8.490	1.80	76.22
2.44	0.82	76.71	87.34	23.02	0.734	54.807	8.497	1.80	76.71
2.45	0.82	77.20	88.16	23.52	0.704	54.813	8.504	1.80	77.20
2.46	0.81	78.49	88.97	24.02	0.674	54.819	8.511	1.78	78.49
2.47	0.81	79.78	89.78	24.52	0.645	54.824	8.518	1.78	79.78
2.48	0.81	81.05	90.59	25.03	0.615	54.829	8.525	1.78	81.05
2.49	0.80	82.33	91.39	25.53	0.585	54.833	8.531	1.76	82.33
2.50	0.80	83.59	92.19	26.04	0.555	54.838	8.537	1.76	83.59
2.51	0.80	84.86	92.99	26.54	0.526	54.842	8.543	1.76	84.86
2.52	0.79	86.11	93.78	27.04	0.496	54.846	8.549	1.74	86.11
2.53	0.79	87.37	94.57	27.55	0.467	54.850	8.554	1.74	87.37
2.54	0.79	88.61	95.36	28.05	0.437	54.853	8.559	1.74	88.61
2.55	0.78	89.86	96.14	28.55	0.408	54.856	8.564	1.72	89.86
2.56	0.78	91.10	96.92	29.06	0.379	54.859	8.568	1.72	91.10
2.57	0.78	92.33	97.70	29.56	0.350	54.862	8.572	1.72	92.33
2.58	0.77	93.56	98.47	30.06	0.321	54.864	8.576	1.70	93.56
2.59	0.77	94.78	99.24	30.57	0.292	54.867	8.580	1.70	94.78
2.60	0.77	96.00	100.01	31.07	0.264	54.869	8.583	1.70	96.00

		CLEAN COAL ASH %	8.58	REFUSE ASH %	58.41
HEAD ASH %	31.07	CLEAN COAL YIELD%	54.87	REFUSE YIELD%	45.13
THEO. YIELD	60.62	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.673	IMPERFECTION	0.053		
NEAR GRAVITY MAT	11.997				
ORGANIC EFFCY.	90.51				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 12 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 21.95 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	1.20	0.23	1.20	0.23	98.537	1.182	0.230	0.13	0.23
1.25	1.33	0.45	2.53	0.35	98.499	2.492	0.346	0.14	0.45
1.26	1.46	0.67	3.99	0.46	98.461	3.930	0.464	0.16	0.67
1.27	1.58	0.89	5.57	0.59	98.423	5.485	0.585	0.18	0.89
1.28	1.69	1.11	7.26	0.71	98.385	7.148	0.707	0.20	1.11
1.29	1.81	1.32	9.07	0.83	98.347	8.928	0.829	0.21	1.32
1.30	1.92	1.53	10.99	0.95	98.309	10.815	0.952	0.23	1.53
1.31	2.03	1.74	13.02	1.07	98.271	12.810	1.074	0.25	1.74
1.32	2.14	1.97	15.16	1.20	98.232	14.912	1.201	0.27	1.97
1.33	2.24	2.21	17.40	1.33	98.194	17.112	1.330	0.29	2.21
1.34	2.34	2.45	19.74	1.46	98.156	19.409	1.463	0.31	2.45
1.35	2.43	2.69	22.17	1.60	98.117	21.793	1.597	0.33	2.69
1.36	2.52	2.93	24.69	1.73	98.078	24.265	1.733	0.35	2.93
1.37	2.61	3.17	27.30	1.87	98.039	26.823	1.870	0.37	3.17
1.38	2.70	3.40	30.00	2.01	98.000	29.469	2.007	0.39	3.40
1.39	2.78	3.63	32.78	2.15	97.871	32.190	2.145	0.42	3.63
1.40	2.86	3.86	35.64	2.28	97.585	34.981	2.281	0.49	3.86
1.41	3.27	3.91	38.91	2.42	97.177	38.159	2.417	0.66	3.91
1.42	3.88	3.96	42.79	2.56	96.680	41.910	2.555	0.92	3.96
1.43	4.33	4.01	47.12	2.69	96.128	46.072	2.687	1.20	4.01
1.44	4.61	4.06	51.73	2.82	95.557	50.478	2.806	1.46	4.06
1.45	4.72	4.11	56.45	2.92	95.000	54.962	2.913	1.69	4.11
1.46	4.66	5.11	61.11	3.09	94.445	59.363	3.076	1.85	5.11
1.47	4.43	6.10	65.54	3.29	93.796	63.518	3.274	1.97	6.10
1.48	4.03	7.09	69.57	3.51	92.959	67.264	3.486	2.03	7.09
1.49	3.46	8.07	73.03	3.73	91.842	70.442	3.693	2.02	8.07
1.50	2.73	9.04	75.76	3.92	90.351	72.909	3.874	1.86	9.04
1.51	2.22	10.27	77.98	4.10	88.056	74.863	4.041	1.90	10.27
1.52	2.04	11.49	80.02	4.29	85.857	76.615	4.211	2.06	11.49
1.53	1.86	12.70	81.88	4.48	83.441	78.167	4.380	2.20	12.70
1.54	1.67	13.90	83.55	4.67	80.849	79.517	4.541	2.29	13.90
1.55	1.48	15.10	85.03	4.85	78.118	80.673	4.693	2.32	15.10
1.56	1.29	15.84	86.32	5.01	75.287	81.644	4.825	2.28	15.84
1.57	1.09	16.57	87.41	5.16	72.126	82.431	4.937	2.17	16.57
1.58	0.89	17.30	88.30	5.28	69.253	83.047	5.029	1.96	17.30
1.59	0.69	18.02	88.99	5.38	66.379	83.505	5.100	1.66	18.02
1.60	0.48	18.74	89.47	5.45	63.506	83.810	5.150	1.25	18.74
1.61	0.38	19.71	89.85	5.51	60.632	84.040	5.190	1.07	19.71
1.62	0.38	20.68	90.23	5.58	57.759	84.260	5.230	1.15	20.68
1.63	0.37	21.65	90.60	5.64	54.885	84.463	5.270	1.19	21.65
1.64	0.36	22.60	90.96	5.71	52.011	84.650	5.308	1.24	22.60
1.65	0.35	23.55	91.31	5.78	49.138	84.822	5.345	1.27	23.55
1.66	0.34	24.21	91.65	5.85	47.126	84.982	5.380	1.29	24.21
1.67	0.32	24.87	91.97	5.91	44.253	85.124	5.413	1.28	24.87
1.68	0.30	25.52	92.27	5.98	41.379	85.248	5.442	1.26	25.52
1.69	0.27	26.17	92.54	6.03	38.506	85.352	5.467	1.19	26.17
1.70	0.24	26.82	92.78	6.09	35.632	85.437	5.489	1.10	26.82

1.71	0.23	27.40	93.01	6.14	32.759	85.513	5.508	1.11	27.40
1.72	0.24	27.97	93.25	6.20	29.885	85.584	5.527	1.20	27.97
1.73	0.24	28.54	93.49	6.25	27.011	85.649	5.544	1.25	28.54
1.74	0.24	29.11	93.73	6.31	24.138	85.707	5.560	1.30	29.11
1.75	0.23	29.68	93.96	6.37	22.222	85.758	5.575	1.28	29.68
1.76	0.22	30.60	94.18	6.43	19.641	85.802	5.587	1.26	30.60
1.77	0.21	31.51	94.39	6.48	17.266	85.838	5.598	1.24	31.51
1.78	0.19	32.41	94.58	6.53	15.106	85.866	5.607	1.15	32.41
1.79	0.16	33.32	94.74	6.58	13.169	85.888	5.614	0.99	33.32
1.80	0.13	34.21	94.87	6.62	11.464	85.902	5.619	0.82	34.21
1.81	0.11	35.05	94.98	6.65	10.000	85.913	5.623	0.71	35.05
1.82	0.10	35.89	95.08	6.68	8.761	85.922	5.626	0.65	35.89
1.83	0.10	36.72	95.18	6.71	7.718	85.930	5.629	0.66	36.72
1.84	0.09	37.54	95.27	6.74	6.857	85.936	5.631	0.60	37.54
1.85	0.09	38.36	95.36	6.77	6.166	85.942	5.633	0.60	38.36
1.86	0.08	38.78	95.44	6.80	5.631	85.946	5.635	0.54	38.78
1.87	0.07	39.19	95.51	6.82	5.240	85.950	5.636	0.47	39.19
1.88	0.07	39.61	95.58	6.85	4.980	85.953	5.638	0.48	39.61
1.89	0.06	40.02	95.64	6.87	4.788	85.956	5.639	0.41	40.02
1.90	0.05	40.42	95.69	6.88	4.573	85.958	5.640	0.34	40.42
1.91	0.05	40.81	95.74	6.90	4.358	85.961	5.641	0.34	40.81
1.92	0.05	41.20	95.79	6.92	4.143	85.963	5.641	0.34	41.20
1.93	0.04	41.58	95.83	6.93	3.930	85.964	5.642	0.27	41.58
1.94	0.04	41.97	95.87	6.95	3.721	85.966	5.643	0.28	41.97
1.95	0.04	42.35	95.91	6.96	3.516	85.967	5.643	0.28	42.35
1.96	0.04	43.01	95.95	6.98	3.319	85.969	5.644	0.28	43.01
1.97	0.04	43.68	95.99	6.99	3.129	85.970	5.644	0.28	43.68
1.98	0.05	44.33	96.04	7.01	2.948	85.971	5.645	0.35	44.33
1.99	0.05	44.99	96.09	7.03	2.778	85.973	5.646	0.35	44.99
2.00	0.05	45.64	96.14	7.05	2.620	85.974	5.646	0.35	45.64
2.01	0.06	46.02	96.20	7.08	2.476	85.975	5.647	0.42	46.02
2.02	0.06	46.40	96.26	7.10	2.347	85.977	5.648	0.42	46.40
2.03	0.06	46.77	96.32	7.13	2.235	85.978	5.648	0.42	46.77
2.04	0.06	47.14	96.38	7.15	2.141	85.979	5.649	0.42	47.14
2.05	0.06	47.51	96.44	7.18	2.066	85.981	5.650	0.42	47.51
2.06	0.06	48.24	96.50	7.20	2.012	85.982	5.650	0.42	48.24
2.07	0.06	48.97	96.56	7.23	1.964	85.983	5.651	0.42	48.97
2.08	0.06	49.69	96.62	7.26	1.927	85.984	5.651	0.42	49.69
2.09	0.06	50.41	96.68	7.28	1.891	85.985	5.652	0.42	50.41
2.10	0.06	51.13	96.74	7.31	1.854	85.986	5.653	0.42	51.13
2.11	0.06	51.74	96.80	7.34	1.817	85.988	5.653	0.42	51.74
2.12	0.06	52.34	96.86	7.36	1.780	85.989	5.654	0.42	52.34
2.13	0.06	52.95	96.92	7.39	1.743	85.990	5.654	0.42	52.95
2.14	0.06	53.55	96.98	7.42	1.706	85.991	5.655	0.42	53.55
2.15	0.06	54.15	97.04	7.45	1.669	85.992	5.655	0.42	54.15
2.16	0.06	54.75	97.10	7.48	1.633	85.993	5.656	0.42	54.75
2.17	0.06	55.34	97.16	7.51	1.596	85.994	5.657	0.42	55.34
2.18	0.06	55.93	97.22	7.54	1.560	85.995	5.657	0.42	55.93
2.19	0.06	56.52	97.28	7.57	1.523	85.996	5.658	0.42	56.52
2.20	0.06	57.11	97.34	7.60	1.487	85.996	5.658	0.42	57.11
2.21	0.06	57.69	97.40	7.63	1.451	85.997	5.659	0.42	57.69
2.22	0.06	58.27	97.46	7.66	1.415	85.998	5.659	0.42	58.27
2.23	0.06	58.85	97.52	7.69	1.380	85.999	5.660	0.42	58.85
2.24	0.06	59.43	97.58	7.73	1.345	86.000	5.660	0.42	59.43
2.25	0.06	60.00	97.64	7.76	1.311	86.001	5.661	0.42	60.00
2.26	0.06	60.57	97.70	7.79	1.276	86.001	5.661	0.42	60.57
2.27	0.06	61.14	97.76	7.82	1.242	86.002	5.662	0.42	61.14
2.28	0.06	61.70	97.82	7.86	1.209	86.003	5.662	0.42	61.70
2.29	0.06	62.27	97.88	7.89	1.176	86.003	5.663	0.42	62.27
2.30	0.06	62.83	97.94	7.92	1.144	86.004	5.663	0.42	62.83

2.31	0.06	63.38	98.00	7.96	1.112	86.005	5.664	0.42	63.38
2.32	0.06	63.94	98.06	7.99	1.081	86.005	5.664	0.42	63.94
2.33	0.06	64.49	98.12	8.03	1.050	86.006	5.664	0.42	64.49
2.34	0.06	65.04	98.18	8.06	1.021	86.007	5.665	0.42	65.04
2.35	0.06	65.59	98.24	8.10	0.991	86.007	5.665	0.42	65.59
2.36	0.06	66.87	98.30	8.13	0.971	86.008	5.666	0.42	66.87
2.37	0.06	68.14	98.36	8.17	0.942	86.008	5.666	0.43	68.14
2.38	0.06	69.41	98.42	8.20	0.912	86.009	5.666	0.43	69.41
2.39	0.06	70.67	98.48	8.24	0.883	86.010	5.667	0.43	70.67
2.40	0.06	71.93	98.54	8.28	0.853	86.010	5.667	0.43	71.93
2.41	0.07	73.18	98.61	8.33	0.823	86.011	5.668	0.50	73.18
2.42	0.07	74.42	98.68	8.37	0.794	86.011	5.668	0.50	74.42
2.43	0.07	75.66	98.75	8.42	0.764	86.012	5.669	0.50	75.66
2.44	0.07	76.90	98.82	8.47	0.734	86.012	5.669	0.50	76.90
2.45	0.07	78.13	98.89	8.52	0.704	86.013	5.669	0.50	78.13
2.46	0.07	79.35	98.96	8.57	0.674	86.013	5.670	0.50	79.35
2.47	0.07	80.57	99.03	8.62	0.645	86.014	5.670	0.50	80.57
2.48	0.07	81.79	99.10	8.67	0.615	86.014	5.671	0.50	81.79
2.49	0.07	83.00	99.17	8.73	0.585	86.014	5.671	0.50	83.00
2.50	0.07	84.20	99.24	8.78	0.555	86.015	5.671	0.50	84.20
2.51	0.07	85.40	99.31	8.83	0.526	86.015	5.672	0.50	85.40
2.52	0.07	86.60	99.38	8.89	0.496	86.016	5.672	0.50	86.60
2.53	0.07	87.79	99.45	8.94	0.467	86.016	5.672	0.50	87.79
2.54	0.07	88.98	99.52	9.00	0.437	86.016	5.673	0.50	88.98
2.55	0.07	90.16	99.59	9.06	0.408	86.017	5.673	0.50	90.16
2.56	0.07	91.34	99.66	9.11	0.379	86.017	5.673	0.50	91.34
2.57	0.07	92.51	99.73	9.17	0.350	86.017	5.673	0.50	92.51
2.58	0.07	93.68	99.80	9.23	0.321	86.017	5.674	0.50	93.68
2.59	0.07	94.84	99.87	9.29	0.292	86.017	5.674	0.50	94.84
2.60	0.07	96.00	99.94	9.35	0.264	86.018	5.674	0.50	96.00

HEAD ASH %	9.35	CLEAN COAL ASH %	5.67	REFUSE ASH %	31.98
THEO. YIELD	90.77	CLEAN COAL YIELD%	86.02	REFUSE YIELD%	13.98
SG OF SEPARATION	1.635	ECART PROB. MOYEN	0.0870		
NEAR GRAVITY MAT	10.920	IMPERFECTION	0.053		
ORGANIC EFFCY.	94.76				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 17 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.49 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL SINK WT%	CUM. ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	1.16	0.22	1.16	0.22	98.537	1.143	0.220	0.07	0.22
1.25	1.24	0.43	2.40	0.33	98.499	2.364	0.328	0.07	0.43
1.26	1.33	0.64	3.73	0.44	98.461	3.674	0.440	0.08	0.64
1.27	1.41	0.85	5.14	0.55	98.423	5.062	0.552	0.09	0.85
1.28	1.49	1.06	6.63	0.67	98.385	6.528	0.666	0.10	1.06
1.29	1.57	1.26	8.20	0.78	98.347	8.072	0.780	0.10	1.26
1.30	1.65	1.47	9.85	0.90	98.309	9.694	0.895	0.11	1.47
1.31	1.73	1.67	11.58	1.01	98.271	11.394	1.011	0.12	1.67
1.32	1.80	2.06	13.38	1.15	98.232	13.162	1.152	0.13	2.06
1.33	1.88	2.63	15.26	1.33	98.194	15.008	1.334	0.13	2.63
1.34	1.95	3.20	17.21	1.55	98.156	16.922	1.545	0.14	3.20
1.35	2.02	3.77	19.23	1.78	98.117	18.904	1.778	0.15	3.77
1.36	2.09	4.33	21.32	2.03	98.078	20.954	2.028	0.16	4.33
1.37	2.16	4.89	23.48	2.29	98.039	23.072	2.290	0.17	4.89
1.38	2.23	5.45	25.71	2.57	98.000	25.257	2.564	0.18	5.45
1.39	2.29	6.00	28.00	2.85	97.871	27.498	2.844	0.19	6.00
1.40	2.36	6.55	30.36	3.14	97.585	29.801	3.130	0.23	6.55
1.41	2.62	6.79	32.98	3.43	97.177	32.347	3.418	0.29	6.79
1.42	3.01	7.04	35.99	3.73	96.680	35.257	3.717	0.40	7.04
1.43	3.30	7.28	39.29	4.03	96.128	38.430	4.011	0.51	7.28
1.44	3.49	7.52	42.78	4.31	95.557	41.765	4.292	0.62	7.52
1.45	3.57	7.76	46.35	4.58	95.000	45.156	4.552	0.71	7.76
1.46	3.54	8.79	49.89	4.88	94.445	48.499	4.844	0.78	8.79
1.47	3.41	9.82	53.30	5.19	93.796	51.698	5.152	0.84	9.82
1.48	3.18	10.84	56.48	5.51	92.959	54.654	5.460	0.89	10.84
1.49	2.84	11.85	59.32	5.81	91.842	57.262	5.751	0.92	11.85
1.50	2.39	12.86	61.71	6.09	90.351	59.422	6.009	0.92	12.86
1.51	2.09	13.97	63.80	6.34	88.056	61.262	6.248	0.99	13.97
1.52	1.99	15.08	65.79	6.61	85.857	62.971	6.488	1.12	15.08
1.53	1.87	16.18	67.66	6.87	83.441	64.531	6.722	1.23	16.18
1.54	1.74	17.27	69.40	7.13	80.849	65.938	6.947	1.32	17.27
1.55	1.59	18.35	70.99	7.39	78.118	67.180	7.158	1.38	18.35
1.56	1.43	18.68	72.42	7.61	75.287	68.256	7.340	1.40	18.68
1.57	1.25	19.01	73.67	7.80	72.126	69.158	7.492	1.38	19.01
1.58	1.06	19.34	74.73	7.97	69.253	69.892	7.616	1.29	19.34
1.59	0.86	19.66	75.59	8.10	66.379	70.463	7.714	1.15	19.66
1.60	0.64	19.98	76.23	8.20	63.506	70.869	7.784	0.93	19.98
1.61	0.53	20.37	76.76	8.28	60.632	71.191	7.841	0.83	20.37
1.62	0.53	20.75	77.29	8.37	57.759	71.497	7.896	0.89	20.75
1.63	0.53	21.13	77.82	8.45	54.885	71.788	7.950	0.95	21.13
1.64	0.53	21.51	78.35	8.54	52.011	72.063	8.002	1.01	21.51
1.65	0.52	21.89	78.87	8.63	49.138	72.319	8.051	1.05	21.89
1.66	0.52	22.95	79.39	8.72	47.126	72.564	8.101	1.09	22.95
1.67	0.53	24.01	79.92	8.83	44.253	72.798	8.153	1.17	24.01
1.68	0.53	25.06	80.45	8.93	41.379	73.018	8.203	1.23	25.06
1.69	0.53	26.10	80.98	9.05	38.506	73.222	8.253	1.29	26.10
1.70	0.53	27.13	81.51	9.16	35.632	73.411	8.302	1.35	27.13

1.71	0.54	27.83	82.05	9.29	32.759	73.588	8.349	1.44	27.83
1.72	0.55	28.51	82.60	9.41	29.885	73.752	8.394	1.53	28.51
1.73	0.55	29.19	83.15	9.54	27.011	73.900	8.435	1.59	29.19
1.74	0.55	29.87	83.70	9.68	24.138	74.033	8.474	1.66	29.87
1.75	0.55	30.55	84.25	9.81	22.222	74.155	8.510	1.70	30.55
1.76	0.55	31.55	84.80	9.96	19.641	74.263	8.544	1.75	31.55
1.77	0.54	32.55	85.34	10.10	17.266	74.357	8.574	1.77	32.55
1.78	0.52	33.54	85.86	10.24	15.106	74.435	8.600	1.75	33.54
1.79	0.51	34.53	86.37	10.38	13.169	74.502	8.624	1.76	34.53
1.80	0.49	35.51	86.86	10.53	11.464	74.559	8.644	1.72	35.51
1.81	0.42	36.95	87.28	10.65	10.000	74.601	8.660	1.50	36.95
1.82	0.32	38.38	87.60	10.75	8.761	74.629	8.671	1.16	38.38
1.83	0.23	39.80	87.83	10.83	7.718	74.646	8.678	0.84	39.80
1.84	0.16	41.22	87.99	10.89	6.857	74.657	8.683	0.59	41.22
1.85	0.10	42.63	88.09	10.92	6.166	74.664	8.686	0.37	42.63
1.86	0.06	42.75	88.15	10.94	5.631	74.667	8.688	0.22	42.75
1.87	0.04	42.87	88.19	10.96	5.240	74.669	8.689	0.15	42.87
1.88	0.04	42.99	88.23	10.97	4.980	74.671	8.689	0.15	42.99
1.89	0.05	43.12	88.28	10.99	4.788	74.673	8.691	0.19	43.12
1.90	0.09	43.24	88.37	11.02	4.573	74.678	8.692	0.34	43.24
1.91	0.11	43.79	88.48	11.06	4.358	74.682	8.695	0.42	43.79
1.92	0.11	44.34	88.59	11.11	4.143	74.687	8.697	0.42	44.34
1.93	0.11	44.88	88.70	11.15	3.930	74.691	8.699	0.42	44.88
1.94	0.11	45.43	88.81	11.19	3.721	74.695	8.701	0.42	45.43
1.95	0.11	45.97	88.92	11.23	3.516	74.699	8.703	0.42	45.97
1.96	0.11	46.62	89.03	11.28	3.319	74.703	8.705	0.42	46.62
1.97	0.10	47.27	89.13	11.32	3.129	74.706	8.706	0.38	47.27
1.98	0.10	47.91	89.23	11.36	2.948	74.709	8.708	0.39	47.91
1.99	0.10	48.56	89.33	11.40	2.778	74.712	8.709	0.39	48.56
2.00	0.10	49.20	89.43	11.44	2.620	74.714	8.711	0.39	49.20
2.01	0.09	49.61	89.52	11.48	2.476	74.717	8.712	0.35	49.61
2.02	0.09	50.01	89.61	11.52	2.347	74.719	8.713	0.35	50.01
2.03	0.09	50.42	89.70	11.56	2.235	74.721	8.714	0.35	50.42
2.04	0.09	50.82	89.79	11.60	2.141	74.723	8.715	0.35	50.82
2.05	0.09	51.22	89.88	11.64	2.066	74.724	8.717	0.35	51.22
2.06	0.09	52.08	89.97	11.68	2.012	74.726	8.718	0.35	52.08
2.07	0.09	52.94	90.06	11.72	1.964	74.728	8.719	0.35	52.94
2.08	0.09	53.79	90.15	11.76	1.927	74.730	8.720	0.35	53.79
2.09	0.09	54.64	90.24	11.80	1.891	74.731	8.721	0.35	54.64
2.10	0.09	55.48	90.33	11.85	1.854	74.733	8.722	0.35	55.48
2.11	0.09	56.26	90.42	11.89	1.817	74.735	8.723	0.35	56.26
2.12	0.09	57.04	90.51	11.94	1.780	74.736	8.724	0.35	57.04
2.13	0.09	57.82	90.60	11.98	1.743	74.738	8.725	0.35	57.82
2.14	0.09	58.59	90.69	12.03	1.706	74.739	8.726	0.35	58.59
2.15	0.09	59.36	90.78	12.07	1.669	74.741	8.727	0.35	59.36
2.16	0.09	60.13	90.87	12.12	1.633	74.742	8.728	0.35	60.13
2.17	0.09	60.89	90.96	12.17	1.596	74.744	8.729	0.35	60.89
2.18	0.09	61.65	91.05	12.22	1.560	74.745	8.730	0.35	61.65
2.19	0.09	62.41	91.14	12.27	1.523	74.747	8.731	0.35	62.41
2.20	0.09	63.16	91.23	12.32	1.487	74.748	8.732	0.35	63.16
2.21	0.09	63.67	91.32	12.37	1.451	74.749	8.733	0.35	63.67
2.22	0.09	64.18	91.41	12.42	1.415	74.751	8.734	0.35	64.18
2.23	0.09	64.68	91.50	12.47	1.380	74.752	8.735	0.35	64.68
2.24	0.09	65.19	91.59	12.52	1.345	74.753	8.736	0.35	65.19
2.25	0.09	65.69	91.68	12.58	1.311	74.754	8.737	0.35	65.69
2.26	0.09	66.19	91.77	12.63	1.276	74.755	8.737	0.35	66.19
2.27	0.09	66.68	91.86	12.68	1.242	74.756	8.738	0.35	66.68
2.28	0.09	67.18	91.95	12.73	1.209	74.758	8.739	0.35	67.18
2.29	0.09	67.67	92.04	12.79	1.176	74.759	8.740	0.35	67.67
2.30	0.09	68.16	92.13	12.84	1.144	74.760	8.741	0.35	68.16

2.31	0.28	68.19	92.41	13.01	1.112	74.763	8.743	1.10	68.19
2.32	0.28	68.21	92.69	13.18	1.081	74.766	8.746	1.10	68.21
2.33	0.28	68.24	92.97	13.34	1.050	74.769	8.748	1.10	68.24
2.34	0.27	68.26	93.24	13.50	1.021	74.771	8.750	1.06	68.26
2.35	0.27	68.29	93.51	13.66	0.991	74.774	8.752	1.06	68.29
2.36	0.27	68.31	93.78	13.82	0.971	74.777	8.754	1.06	68.31
2.37	0.27	68.34	94.05	13.97	0.942	74.779	8.756	1.06	68.34
2.38	0.27	68.36	94.32	14.13	0.912	74.782	8.758	1.06	68.36
2.39	0.27	68.39	94.59	14.28	0.883	74.784	8.760	1.06	68.39
2.40	0.27	68.41	94.86	14.44	0.853	74.786	8.762	1.06	68.41
2.41	0.27	68.44	95.13	14.59	0.823	74.789	8.764	1.06	68.44
2.42	0.27	68.46	95.40	14.74	0.794	74.791	8.766	1.06	68.46
2.43	0.26	68.49	95.66	14.89	0.764	74.793	8.767	1.02	68.49
2.44	0.26	68.51	95.92	15.04	0.734	74.795	8.769	1.02	68.51
2.45	0.26	68.54	96.18	15.18	0.704	74.797	8.770	1.03	68.54
2.46	0.26	70.42	96.44	15.33	0.674	74.798	8.772	1.03	70.42
2.47	0.26	72.29	96.70	15.48	0.645	74.800	8.773	1.03	72.29
2.48	0.26	74.16	96.96	15.64	0.615	74.802	8.775	1.03	74.16
2.49	0.26	76.02	97.22	15.80	0.585	74.803	8.776	1.03	76.02
2.50	0.26	77.87	97.48	15.97	0.555	74.805	8.777	1.03	77.87
2.51	0.26	79.72	97.74	16.14	0.526	74.806	8.779	1.03	79.72
2.52	0.25	81.56	97.99	16.30	0.496	74.807	8.780	0.99	81.56
2.53	0.25	83.39	98.24	16.47	0.467	74.808	8.781	0.99	83.39
2.54	0.25	85.21	98.49	16.65	0.437	74.809	8.782	0.99	85.21
2.55	0.25	87.03	98.74	16.83	0.408	74.810	8.783	0.99	87.03
2.56	0.25	88.83	98.99	17.01	0.379	74.811	8.784	0.99	88.83
2.57	0.25	90.64	99.24	17.19	0.350	74.812	8.785	0.99	90.64
2.58	0.25	92.43	99.49	17.38	0.321	74.813	8.786	0.99	92.43
2.59	0.25	94.22	99.74	17.58	0.292	74.814	8.787	0.99	94.22
2.60	0.25	96.00	99.99	17.77	0.264	74.814	8.788	0.99	96.00

		CLEAN COAL ASH %	8.79	REFUSE ASH %	44.46
HEAD ASH %	17.77	CLEAN COAL YIELD%	74.81	REFUSE YIELD%	25.19
THEO. YIELD	79.72	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.666	IMPERFECTION	0.053		
NEAR GRAVITY MAT	11.941				
ORGANIC EFFCY.	93.85				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 18 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.26 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	1.28	0.31	1.28	0.31	98.537	1.261	0.310	0.05	0.31
1.25	1.30	0.60	2.58	0.46	98.499	2.542	0.456	0.05	0.60
1.26	1.31	0.90	3.89	0.61	98.461	3.832	0.606	0.05	0.90
1.27	1.33	1.19	5.22	0.75	98.423	5.141	0.754	0.05	1.19
1.28	1.34	1.47	6.56	0.90	98.385	6.459	0.900	0.05	1.47
1.29	1.36	1.76	7.92	1.05	98.347	7.797	1.048	0.06	1.76
1.30	1.38	2.04	9.30	1.20	98.309	9.153	1.195	0.06	2.04
1.31	1.39	2.32	10.69	1.34	98.271	10.519	1.341	0.06	2.32
1.32	1.41	2.70	12.10	1.50	98.232	11.904	1.499	0.06	2.70
1.33	1.43	3.17	13.53	1.68	98.194	13.308	1.675	0.06	3.17
1.34	1.45	3.64	14.98	1.87	98.156	14.732	1.865	0.07	3.64
1.35	1.46	4.10	16.44	2.06	98.117	16.164	2.063	0.07	4.10
1.36	1.48	4.56	17.92	2.27	98.078	17.616	2.269	0.07	4.56
1.37	1.50	5.02	19.42	2.48	98.039	19.086	2.481	0.07	5.02
1.38	1.52	5.47	20.94	2.70	98.000	20.576	2.697	0.08	5.47
1.39	1.54	5.92	22.48	2.92	97.871	22.083	2.917	0.08	5.92
1.40	1.56	6.37	24.04	3.14	97.585	23.605	3.140	0.09	6.37
1.41	1.59	6.63	25.63	3.36	97.177	25.151	3.354	0.11	6.63
1.42	1.62	6.89	27.25	3.57	96.680	26.717	3.562	0.13	6.89
1.43	1.65	7.15	28.90	3.77	96.128	28.303	3.763	0.16	7.15
1.44	1.68	7.40	30.58	3.97	95.557	29.908	3.958	0.19	7.40
1.45	1.70	7.65	32.28	4.17	95.000	31.523	4.147	0.21	7.65
1.46	1.72	8.28	34.00	4.38	94.445	33.148	4.350	0.24	8.28
1.47	1.73	8.90	35.73	4.59	93.796	34.770	4.562	0.27	8.90
1.48	1.74	9.52	37.47	4.82	92.959	36.388	4.782	0.30	9.52
1.49	1.74	10.13	39.21	5.06	91.842	37.986	5.007	0.35	10.13
1.50	1.74	10.74	40.95	5.30	90.351	39.558	5.235	0.42	10.74
1.51	1.81	11.24	42.76	5.55	88.056	41.152	5.468	0.54	11.24
1.52	1.93	11.74	44.69	5.82	85.897	42.809	5.711	0.68	11.74
1.53	2.01	12.23	46.70	6.09	83.441	44.486	5.956	0.83	12.23
1.54	2.06	12.72	48.76	6.37	80.849	46.152	6.200	0.98	12.72
1.55	2.07	13.21	50.83	6.65	78.118	47.769	6.438	1.12	13.21
1.56	2.05	14.29	52.88	6.95	75.287	49.312	6.683	1.26	14.29
1.57	1.99	15.37	54.87	7.25	72.126	50.747	6.929	1.38	15.37
1.58	1.90	16.43	56.77	7.56	69.253	52.063	7.169	1.45	16.43
1.59	1.78	17.50	58.55	7.86	66.379	53.245	7.399	1.48	17.50
1.60	1.61	18.55	60.16	8.15	63.506	54.267	7.609	1.46	18.55
1.61	1.42	19.67	61.58	8.42	60.632	55.128	7.797	1.39	19.67
1.62	1.22	20.78	62.80	8.66	57.759	55.833	7.961	1.28	20.78
1.63	1.05	21.89	63.85	8.87	54.885	56.409	8.103	1.17	21.89
1.64	0.90	22.98	64.75	9.07	52.011	56.877	8.226	1.07	22.98
1.65	0.77	24.08	65.52	9.25	49.138	57.255	8.330	0.97	24.08
1.66	0.66	24.84	66.18	9.40	47.126	57.566	8.420	0.87	24.84
1.67	0.58	25.60	66.76	9.54	44.253	57.823	8.496	0.80	25.60
1.68	0.52	26.36	67.28	9.67	41.379	58.038	8.562	0.76	26.36
1.69	0.48	27.11	67.76	9.80	38.506	58.223	8.621	0.73	27.11
1.70	0.46	27.86	68.22	9.92	35.632	58.387	8.675	0.73	27.86

1.71	0.47	28.86	68.69	10.05	32.759	58.541	8.728	0.78	28.86
1.72	0.47	29.86	69.16	10.18	29.885	58.681	8.779	0.82	29.86
1.73	0.47	30.85	69.63	10.32	27.011	58.808	8.826	0.85	30.85
1.74	0.46	31.83	70.09	10.46	24.138	58.919	8.870	0.87	31.83
1.75	0.44	32.81	70.53	10.60	22.222	59.017	8.909	0.85	32.81
1.76	0.41	33.61	70.94	10.73	19.641	59.098	8.943	0.82	33.61
1.77	0.38	34.41	71.32	10.86	17.266	59.163	8.971	0.78	34.41
1.78	0.34	35.20	71.66	10.98	15.106	59.215	8.994	0.72	35.20
1.79	0.28	35.99	71.94	11.07	13.169	59.252	9.011	0.60	35.99
1.80	0.23	36.77	72.17	11.16	11.464	59.278	9.023	0.50	36.77
1.81	0.19	37.46	72.36	11.22	10.000	59.297	9.032	0.42	37.46
1.82	0.17	38.14	72.53	11.29	8.761	59.312	9.040	0.38	38.14
1.83	0.16	38.82	72.69	11.35	7.718	59.324	9.046	0.37	38.82
1.84	0.16	39.49	72.85	11.41	6.857	59.335	9.051	0.37	39.49
1.85	0.16	40.16	73.01	11.47	6.166	59.345	9.057	0.37	40.16
1.86	0.16	40.85	73.17	11.54	5.631	59.354	9.061	0.37	40.85
1.87	0.16	41.54	73.33	11.60	5.240	59.362	9.066	0.38	41.54
1.88	0.17	42.23	73.50	11.67	4.980	59.371	9.071	0.40	42.23
1.89	0.18	42.91	73.68	11.75	4.788	59.380	9.076	0.42	42.91
1.90	0.20	43.59	73.88	11.84	4.573	59.389	9.081	0.47	43.59
1.91	0.21	44.03	74.09	11.93	4.358	59.398	9.086	0.50	44.03
1.92	0.22	44.47	74.31	12.02	4.143	59.407	9.092	0.52	44.47
1.93	0.22	44.90	74.53	12.12	3.930	59.416	9.097	0.52	44.90
1.94	0.23	45.33	74.76	12.22	3.721	59.424	9.102	0.55	45.33
1.95	0.23	45.76	74.99	12.33	3.516	59.432	9.107	0.55	45.76
1.96	0.22	46.82	75.21	12.43	3.319	59.440	9.112	0.53	46.82
1.97	0.22	47.87	75.43	12.53	3.129	59.446	9.116	0.53	47.87
1.98	0.21	48.92	75.64	12.63	2.948	59.453	9.120	0.51	48.92
1.99	0.21	49.96	75.85	12.73	2.778	59.458	9.124	0.51	49.96
2.00	0.19	50.99	76.04	12.83	2.620	59.463	9.128	0.46	50.99
2.01	0.19	51.81	76.23	12.93	2.476	59.468	9.131	0.46	51.81
2.02	0.18	52.62	76.41	13.02	2.347	59.472	9.134	0.44	52.62
2.03	0.18	53.42	76.59	13.12	2.235	59.476	9.137	0.44	53.42
2.04	0.17	54.22	76.76	13.21	2.141	59.480	9.140	0.41	54.22
2.05	0.17	55.02	76.93	13.30	2.066	59.484	9.143	0.41	55.02
2.06	0.16	55.89	77.09	13.39	2.012	59.487	9.145	0.39	55.89
2.07	0.15	56.75	77.24	13.47	1.964	59.490	9.148	0.36	56.75
2.08	0.14	57.61	77.38	13.55	1.927	59.492	9.150	0.34	57.61
2.09	0.14	58.46	77.52	13.63	1.891	59.495	9.152	0.34	58.46
2.10	0.13	59.31	77.65	13.71	1.854	59.497	9.154	0.32	59.31
2.11	0.12	60.12	77.77	13.78	1.817	59.500	9.156	0.29	60.12
2.12	0.12	60.92	77.89	13.85	1.780	59.502	9.158	0.29	60.92
2.13	0.12	61.72	78.01	13.93	1.743	59.504	9.160	0.29	61.72
2.14	0.11	62.52	78.12	14.00	1.706	59.506	9.162	0.27	62.52
2.15	0.11	63.31	78.23	14.06	1.669	59.508	9.163	0.27	63.31
2.16	0.11	63.86	78.34	14.13	1.633	59.509	9.165	0.27	63.86
2.17	0.11	64.40	78.45	14.21	1.596	59.511	9.166	0.27	64.40
2.18	0.11	64.95	78.56	14.28	1.560	59.513	9.168	0.27	64.95
2.19	0.11	65.49	78.67	14.35	1.523	59.514	9.170	0.27	65.49
2.20	0.11	66.03	78.78	14.42	1.487	59.516	9.171	0.27	66.03
2.21	0.12	66.27	78.90	14.50	1.451	59.518	9.173	0.29	66.27
2.22	0.12	66.50	79.02	14.58	1.415	59.520	9.175	0.29	66.50
2.23	0.12	66.74	79.14	14.66	1.380	59.521	9.176	0.29	66.74
2.24	0.12	66.98	79.26	14.74	1.345	59.523	9.178	0.29	66.98
2.25	0.12	67.21	79.38	14.82	1.311	59.524	9.179	0.29	67.21
2.26	0.13	68.30	79.51	14.90	1.276	59.526	9.181	0.32	68.30
2.27	0.13	69.39	79.64	14.99	1.242	59.528	9.183	0.32	69.39
2.28	0.13	70.47	79.77	15.08	1.209	59.529	9.184	0.32	70.47
2.29	0.13	71.55	79.90	15.17	1.176	59.531	9.186	0.32	71.55
2.30	0.13	72.62	80.03	15.27	1.144	59.532	9.187	0.32	72.62

2.31	0.71	73.46	80.74	15.78	1.112	59.540	9.196	1.74	73.46
2.32	0.70	74.29	81.44	16.28	1.081	59.548	9.204	1.72	74.29
2.33	0.70	75.12	82.14	16.78	1.050	59.555	9.212	1.72	75.12
2.34	0.70	75.95	82.84	17.28	1.021	59.562	9.220	1.72	75.95
2.35	0.69	76.77	83.53	17.77	0.991	59.569	9.228	1.69	76.77
2.36	0.69	77.59	84.22	18.26	0.971	59.576	9.236	1.69	77.59
2.37	0.69	78.41	84.91	18.75	0.942	59.582	9.243	1.69	78.41
2.38	0.68	79.22	85.59	19.23	0.912	59.588	9.251	1.67	79.22
2.39	0.68	80.03	86.27	19.71	0.883	59.594	9.258	1.67	80.03
2.40	0.68	80.84	86.95	20.19	0.853	59.600	9.265	1.67	80.84
2.41	0.68	81.64	87.63	20.67	0.823	59.606	9.272	1.67	81.64
2.42	0.67	82.44	88.30	21.14	0.794	59.611	9.278	1.65	82.44
2.43	0.67	83.24	88.97	21.60	0.764	59.616	9.284	1.65	83.24
2.44	0.67	84.03	89.64	22.07	0.734	59.621	9.291	1.65	84.03
2.45	0.67	84.82	90.31	22.54	0.704	59.626	9.297	1.65	84.82
2.46	0.66	85.58	90.97	22.99	0.674	59.630	9.302	1.63	85.58
2.47	0.66	86.35	91.63	23.45	0.645	59.635	9.308	1.63	86.35
2.48	0.66	87.11	92.29	23.91	0.615	59.639	9.313	1.63	87.11
2.49	0.65	87.87	92.94	24.35	0.585	59.643	9.318	1.60	87.87
2.50	0.65	88.62	93.59	24.80	0.555	59.646	9.323	1.60	88.62
2.51	0.65	89.37	94.24	25.24	0.526	59.650	9.327	1.60	89.37
2.52	0.65	90.12	94.89	25.69	0.496	59.653	9.332	1.60	90.12
2.53	0.64	90.86	95.53	26.13	0.467	59.656	9.336	1.58	90.86
2.54	0.64	91.61	96.17	26.56	0.437	59.659	9.340	1.58	91.61
2.55	0.64	92.35	96.81	27.00	0.408	59.661	9.343	1.58	92.35
2.56	0.64	93.08	97.45	27.43	0.379	59.664	9.347	1.58	93.08
2.57	0.63	93.82	98.08	27.86	0.350	59.666	9.350	1.56	93.82
2.58	0.63	94.55	98.71	28.28	0.321	59.668	9.353	1.56	94.55
2.59	0.63	95.27	99.34	28.71	0.292	59.670	9.355	1.56	95.27
2.60	0.63	96.00	99.97	29.13	0.264	59.671	9.358	1.56	96.00

		CLEAN COAL ASH %	9.36	REFUSE ASH %	58.39
HEAD ASH %	29.13	CLEAN COAL YIELD%	59.67	REFUSE YIELD%	40.33
THEO. YIELD	66.00	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.657	IMPERFECTION	0.059		
NEAR GRAVITY MAT	18.618				
ORGANIC EFFCY.	90.42				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 21 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.65 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	2.76	0.16	2.76	0.16	98.537	2.720	0.160	0.10	0.16
1.25	2.71	0.31	5.47	0.23	98.499	5.389	0.234	0.10	0.31
1.26	2.66	0.47	8.13	0.31	98.461	8.008	0.311	0.10	0.47
1.27	2.60	0.61	10.73	0.38	98.423	10.567	0.384	0.10	0.61
1.28	2.55	0.76	13.28	0.46	98.385	13.076	0.456	0.10	0.76
1.29	2.49	0.91	15.77	0.53	98.347	15.525	0.528	0.10	0.91
1.30	2.42	1.06	18.19	0.60	98.309	17.904	0.598	0.10	1.06
1.31	2.36	1.20	20.55	0.67	98.271	20.223	0.667	0.10	1.20
1.32	2.29	1.55	22.84	0.76	98.232	22.472	0.756	0.10	1.55
1.33	2.22	2.10	25.06	0.88	98.194	24.652	0.875	0.10	2.10
1.34	2.14	2.65	27.20	1.01	98.156	26.753	1.014	0.09	2.65
1.35	2.06	3.20	29.26	1.17	98.117	28.774	1.167	0.09	3.20
1.36	1.98	3.74	31.24	1.33	98.078	30.716	1.330	0.09	3.74
1.37	1.90	4.27	33.14	1.50	98.039	32.579	1.498	0.09	4.27
1.38	1.81	4.80	34.95	1.67	98.000	34.353	1.669	0.09	4.80
1.39	1.72	5.33	36.67	1.84	97.871	36.036	1.840	0.09	5.33
1.40	1.63	5.86	38.30	2.01	97.585	37.627	2.010	0.09	5.86
1.41	1.56	6.45	39.86	2.19	97.177	39.143	2.182	0.10	6.45
1.42	1.51	7.09	41.37	2.37	96.680	40.602	2.358	0.12	7.09
1.43	1.45	7.77	42.82	2.55	96.128	41.996	2.538	0.13	7.77
1.44	1.38	8.51	44.20	2.74	95.557	43.315	2.720	0.15	8.51
1.45	1.30	9.31	45.50	2.92	95.000	44.550	2.902	0.15	9.31
1.46	1.20	10.14	46.70	3.11	94.445	45.683	3.082	0.16	10.14
1.47	1.09	10.98	47.79	3.29	93.796	46.706	3.255	0.16	10.98
1.48	0.97	11.83	48.76	3.46	92.959	47.607	3.417	0.16	11.83
1.49	0.84	12.68	49.60	3.61	91.842	48.379	3.565	0.16	12.68
1.50	0.70	13.54	50.30	3.75	90.351	49.011	3.694	0.16	13.54
1.51	0.62	14.26	50.92	3.88	88.056	49.557	3.810	0.18	14.26
1.52	0.62	14.98	51.54	4.01	85.857	50.090	3.929	0.21	14.98
1.53	0.62	15.69	52.16	4.15	83.441	50.607	4.049	0.24	15.69
1.54	0.62	16.40	52.78	4.30	80.849	51.108	4.170	0.28	16.40
1.55	0.61	17.11	53.39	4.44	78.118	51.585	4.290	0.32	17.11
1.56	0.61	18.08	54.00	4.60	75.287	52.044	4.411	0.36	18.08
1.57	0.60	19.05	54.60	4.76	72.126	52.477	4.532	0.40	19.05
1.58	0.60	20.01	55.20	4.92	69.253	52.892	4.654	0.44	20.01
1.59	0.60	20.96	55.80	5.09	66.379	53.291	4.775	0.48	20.96
1.60	0.59	21.91	56.39	5.27	63.506	53.665	4.895	0.51	21.91
1.61	0.59	22.33	56.98	5.45	60.632	54.023	5.011	0.55	22.33
1.62	0.59	22.74	57.57	5.62	57.759	54.364	5.122	0.59	22.74
1.63	0.59	23.16	58.16	5.80	54.885	54.688	5.229	0.63	23.16
1.64	0.59	23.57	58.75	5.98	52.011	54.994	5.331	0.67	23.57
1.65	0.59	23.98	59.34	6.16	49.138	55.284	5.429	0.71	23.98
1.66	0.59	25.70	59.93	6.35	47.126	55.562	5.530	0.74	25.70
1.67	0.58	27.41	60.51	6.55	44.253	55.819	5.631	0.77	27.41
1.68	0.57	29.11	61.08	6.76	41.379	56.055	5.730	0.79	29.11
1.69	0.57	30.80	61.65	6.99	38.506	56.274	5.827	0.83	30.80
1.70	0.56	32.48	62.21	7.22	35.632	56.474	5.921	0.86	32.48

1.71	0.53	33.97	62.74	7.44	32.759	56.648	6.007	0.85	33.97
1.72	0.50	35.46	63.24	7.66	29.885	56.797	6.085	0.83	35.46
1.73	0.46	36.94	63.70	7.87	27.011	56.921	6.152	0.80	36.94
1.74	0.43	38.41	64.13	8.08	24.138	57.025	6.211	0.77	38.41
1.75	0.40	39.87	64.53	8.28	22.222	57.114	6.263	0.74	39.87
1.76	0.37	40.24	64.90	8.46	19.641	57.187	6.307	0.71	40.24
1.77	0.35	40.61	65.25	8.63	17.266	57.247	6.343	0.69	40.61
1.78	0.32	40.98	65.57	8.79	15.106	57.295	6.372	0.64	40.98
1.79	0.30	41.35	65.87	8.94	13.169	57.335	6.396	0.62	41.35
1.80	0.28	41.72	66.15	9.08	11.464	57.367	6.416	0.59	41.72
1.81	0.26	42.24	66.41	9.21	10.000	57.393	6.432	0.56	42.24
1.82	0.26	42.76	66.67	9.34	8.761	57.416	6.447	0.56	42.76
1.83	0.26	43.27	66.93	9.47	7.718	57.436	6.459	0.57	43.27
1.84	0.26	43.79	67.19	9.60	6.857	57.454	6.471	0.57	43.79
1.85	0.26	44.30	67.45	9.73	6.166	57.470	6.482	0.58	44.30
1.86	0.26	45.10	67.71	9.87	5.631	57.484	6.491	0.56	45.10
1.87	0.26	45.89	67.97	10.01	5.240	57.498	6.501	0.58	45.89
1.88	0.26	46.68	68.23	10.15	4.980	57.511	6.510	0.59	46.68
1.89	0.26	47.47	68.49	10.29	4.788	57.523	6.519	0.59	47.47
1.90	0.26	48.25	68.75	10.43	4.573	57.535	6.527	0.59	48.25
1.91	0.27	48.98	69.02	10.58	4.358	57.547	6.536	0.61	48.98
1.92	0.27	49.69	69.29	10.74	4.143	57.558	6.544	0.61	49.69
1.93	0.28	50.41	69.57	10.90	3.930	57.569	6.553	0.64	50.41
1.94	0.28	51.12	69.85	11.06	3.721	57.580	6.561	0.64	51.12
1.95	0.28	51.83	70.13	11.22	3.516	57.589	6.569	0.64	51.83
1.96	0.28	52.11	70.41	11.38	3.319	57.599	6.576	0.64	52.11
1.97	0.27	52.39	70.68	11.54	3.129	57.607	6.583	0.62	52.39
1.98	0.27	52.67	70.95	11.70	2.948	57.615	6.589	0.62	52.67
1.99	0.26	52.95	71.21	11.85	2.778	57.622	6.595	0.60	52.95
2.00	0.25	53.23	71.46	11.99	2.620	57.629	6.600	0.58	53.23
2.01	0.23	53.34	71.69	12.12	2.476	57.635	6.605	0.53	53.34
2.02	0.20	53.46	71.89	12.24	2.347	57.639	6.609	0.46	53.46
2.03	0.18	53.57	72.07	12.34	2.235	57.643	6.612	0.42	53.57
2.04	0.17	53.68	72.24	12.44	2.141	57.647	6.615	0.39	53.68
2.05	0.15	53.79	72.39	12.53	2.066	57.650	6.617	0.35	53.79
2.06	0.15	54.41	72.54	12.61	2.012	57.653	6.620	0.35	54.41
2.07	0.14	55.02	72.68	12.69	1.964	57.656	6.622	0.33	55.02
2.08	0.14	55.63	72.82	12.78	1.927	57.658	6.624	0.33	55.63
2.09	0.15	56.24	72.97	12.87	1.891	57.661	6.627	0.35	56.24
2.10	0.16	56.84	73.13	12.96	1.854	57.664	6.629	0.37	56.84
2.11	0.16	57.30	73.29	13.06	1.817	57.667	6.632	0.37	57.30
2.12	0.15	57.75	73.44	13.15	1.780	57.670	6.634	0.35	57.75
2.13	0.15	58.19	73.59	13.24	1.743	57.672	6.637	0.35	58.19
2.14	0.14	58.64	73.73	13.33	1.706	57.675	6.639	0.33	58.64
2.15	0.14	59.08	73.87	13.41	1.669	57.677	6.641	0.33	59.08
2.16	0.13	59.53	74.00	13.50	1.633	57.679	6.643	0.30	59.53
2.17	0.13	59.97	74.13	13.58	1.596	57.681	6.645	0.30	59.97
2.18	0.13	60.40	74.26	13.66	1.560	57.683	6.647	0.30	60.40
2.19	0.13	60.84	74.39	13.74	1.523	57.685	6.649	0.30	60.84
2.20	0.13	61.27	74.52	13.82	1.487	57.687	6.650	0.30	61.27
2.21	0.13	62.22	74.65	13.91	1.451	57.689	6.652	0.30	62.22
2.22	0.13	63.17	74.78	13.99	1.415	57.691	6.654	0.30	63.17
2.23	0.13	64.11	74.91	14.08	1.380	57.693	6.656	0.30	64.11
2.24	0.13	65.04	75.04	14.17	1.345	57.695	6.658	0.30	65.04
2.25	0.14	65.97	75.18	14.27	1.311	57.696	6.660	0.33	65.97
2.26	0.14	66.90	75.32	14.36	1.276	57.698	6.661	0.33	66.90
2.27	0.14	67.82	75.46	14.46	1.242	57.700	6.663	0.33	67.82
2.28	0.15	68.74	75.61	14.57	1.209	57.702	6.665	0.35	68.74
2.29	0.16	69.66	75.77	14.69	1.176	57.704	6.667	0.38	69.66
2.30	0.16	70.57	75.93	14.80	1.144	57.705	6.669	0.38	70.57

2.31	0.85	71.35	76.78	15.43	1.112	57.715	6.680	2.00	71.35
2.32	0.85	72.13	77.63	16.05	1.081	57.724	6.690	2.00	72.13
2.33	0.84	72.91	78.47	16.66	1.050	57.733	6.700	1.97	72.91
2.34	0.84	73.69	79.31	17.26	1.021	57.742	6.710	1.97	73.69
2.35	0.84	74.46	80.15	17.86	0.991	57.750	6.720	1.97	74.46
2.36	0.83	75.23	80.98	18.45	0.971	57.758	6.730	1.95	75.23
2.37	0.83	76.00	81.81	19.04	0.942	57.766	6.739	1.95	76.00
2.38	0.83	76.76	82.64	19.62	0.912	57.773	6.748	1.95	76.76
2.39	0.82	77.52	83.46	20.18	0.883	57.781	6.757	1.93	77.52
2.40	0.82	78.28	84.28	20.75	0.853	57.788	6.766	1.93	78.28
2.41	0.82	79.03	85.10	21.31	0.823	57.794	6.774	1.93	79.03
2.42	0.81	79.78	85.91	21.86	0.794	57.801	6.782	1.91	79.78
2.43	0.81	80.53	86.72	22.41	0.764	57.807	6.790	1.91	80.53
2.44	0.81	81.27	87.53	22.95	0.734	57.813	6.798	1.91	81.27
2.45	0.80	82.01	88.33	23.49	0.704	57.818	6.805	1.89	82.01
2.46	0.80	82.97	89.13	24.02	0.674	57.824	6.812	1.89	82.97
2.47	0.80	83.92	89.93	24.56	0.645	57.829	6.819	1.89	83.92
2.48	0.79	84.88	90.72	25.08	0.615	57.834	6.826	1.86	84.88
2.49	0.79	85.82	91.51	25.61	0.585	57.839	6.832	1.86	85.82
2.50	0.79	86.77	92.30	26.13	0.555	57.843	6.838	1.86	86.77
2.51	0.78	87.71	93.08	26.65	0.526	57.847	6.844	1.84	87.71
2.52	0.78	88.64	93.86	27.16	0.496	57.851	6.849	1.84	88.64
2.53	0.78	89.57	94.64	27.68	0.467	57.855	6.855	1.84	89.57
2.54	0.77	90.50	95.41	28.18	0.437	57.858	6.859	1.82	90.50
2.55	0.77	91.43	96.18	28.69	0.408	57.861	6.864	1.82	91.43
2.56	0.77	92.35	96.95	29.19	0.379	57.864	6.868	1.82	92.35
2.57	0.76	93.27	97.71	29.69	0.350	57.867	6.872	1.80	93.27
2.58	0.76	94.18	98.47	30.19	0.321	57.869	6.876	1.80	94.18
2.59	0.76	95.09	99.23	30.69	0.292	57.871	6.879	1.80	95.09
2.60	0.76	96.00	99.99	31.18	0.264	57.873	6.882	1.80	96.00

		CLEAN COAL ASH %	6.88	REFUSE ASH %	64.57
HEAD ASH %	31.18	CLEAN COAL YIELD%	57.87	REFUSE YIELD%	42.13
THEO. YIELD	61.38	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.685	IMPERFECTION	0.053		
NEAR GRAVITY MAT	10.210				
ORGANIC EFFCY.	94.28				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 22 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.86 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ELEMENTAL ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.19	0.01	0.19	0.01	98.537	0.187	0.010	0.01	0.01
1.25	0.27	0.01	0.46	0.01	98.499	0.453	0.010	0.01	0.01
1.26	0.36	0.01	0.82	0.01	98.461	0.808	0.010	0.01	0.01
1.27	0.44	0.01	1.26	0.01	98.423	1.241	0.010	0.01	0.01
1.28	0.53	0.01	1.79	0.01	98.385	1.762	0.010	0.02	0.01
1.29	0.63	0.01	2.42	0.01	98.347	2.382	0.010	0.02	0.01
1.30	0.72	0.01	3.14	0.01	98.309	3.090	0.010	0.03	0.01
1.31	0.82	0.01	3.96	0.01	98.271	3.895	0.010	0.03	0.01
1.32	0.77	0.34	4.73	0.06	98.232	4.652	0.064	0.03	0.34
1.33	0.86	0.99	5.59	0.21	98.194	5.496	0.206	0.03	0.99
1.34	0.95	1.64	6.54	0.41	98.156	6.429	0.414	0.04	1.64
1.35	1.04	2.28	7.58	0.67	98.117	7.449	0.670	0.04	2.28
1.36	1.14	2.92	8.72	0.96	98.078	8.567	0.963	0.05	2.92
1.37	1.23	3.56	9.95	1.29	98.039	9.773	1.284	0.05	3.56
1.38	1.33	4.19	11.28	1.63	98.000	11.076	1.626	0.06	4.19
1.39	1.43	4.81	12.71	1.99	97.871	12.476	1.983	0.06	4.81
1.40	1.53	5.43	14.24	2.36	97.585	13.969	2.351	0.08	5.43
1.41	1.86	5.70	16.10	2.74	97.177	15.777	2.735	0.11	5.70
1.42	2.19	5.98	18.29	3.13	96.680	17.894	3.119	0.15	5.98
1.43	2.44	6.25	20.73	3.50	96.128	20.239	3.482	0.20	6.25
1.44	2.59	6.51	23.32	3.83	95.557	22.714	3.812	0.24	6.51
1.45	2.65	6.78	25.97	4.13	95.000	25.232	4.108	0.28	6.78
1.46	2.61	7.92	28.58	4.48	94.445	27.697	4.447	0.30	7.92
1.47	2.49	9.05	31.07	4.84	93.796	30.032	4.805	0.32	9.05
1.48	2.27	10.17	33.34	5.21	92.959	32.143	5.157	0.34	10.17
1.49	1.96	11.29	35.30	5.55	91.842	33.943	5.483	0.34	11.29
1.50	1.55	12.40	36.85	5.83	90.351	35.343	5.757	0.31	12.40
1.51	1.31	13.44	38.16	6.09	88.056	36.497	6.000	0.33	13.44
1.52	1.30	14.48	39.46	6.37	85.857	37.613	6.251	0.39	14.48
1.53	1.28	15.51	40.74	6.66	83.441	38.681	6.507	0.44	15.51
1.54	1.26	16.53	42.00	6.95	80.849	39.699	6.764	0.51	16.53
1.55	1.24	17.55	43.24	7.26	78.118	40.668	7.021	0.57	17.55
1.56	1.21	18.14	44.45	7.55	75.287	41.579	7.265	0.63	18.14
1.57	1.19	18.73	45.64	7.85	72.126	42.437	7.496	0.70	18.73
1.58	1.16	19.32	46.80	8.13	69.253	43.241	7.716	0.75	19.32
1.59	1.13	19.90	47.93	8.41	66.379	43.991	7.924	0.80	19.90
1.60	1.10	20.48	49.03	8.68	63.506	44.689	8.120	0.84	20.48
1.61	1.08	20.70	50.11	8.94	60.632	45.344	8.302	0.89	20.70
1.62	1.08	20.91	51.19	9.19	57.759	45.968	8.473	0.96	20.91
1.63	1.08	21.12	52.27	9.44	54.885	46.561	8.634	1.02	21.12
1.64	1.07	21.33	53.34	9.68	52.011	47.117	8.784	1.08	21.33
1.65	1.07	21.54	54.41	9.91	49.138	47.643	8.925	1.14	21.54
1.66	1.06	23.25	55.47	10.16	47.126	48.143	9.073	1.18	23.25
1.67	1.05	24.96	56.52	10.44	44.253	48.607	9.225	1.23	24.96
1.68	1.04	26.65	57.56	10.73	41.379	49.038	9.378	1.28	26.65
1.69	1.03	28.33	58.59	11.04	38.506	49.434	9.530	1.33	28.33
1.70	1.02	30.00	59.61	11.37	35.632	49.798	9.680	1.38	30.00

1.71	1.03	31.47	60.64	11.71	32.759	50.135	9.826	1.45	31.47
1.72	1.04	32.92	61.68	12.06	29.885	50.446	9.968	1.53	32.92
1.73	1.04	34.37	62.72	12.43	27.011	50.727	10.104	1.59	34.37
1.74	1.02	35.81	63.74	12.81	24.138	50.973	10.228	1.62	35.81
1.75	0.97	37.24	64.71	13.17	22.222	51.189	10.342	1.58	37.24
1.76	0.91	37.79	65.62	13.52	19.641	51.367	10.437	1.53	37.79
1.77	0.82	38.34	66.44	13.82	17.266	51.509	10.514	1.42	38.34
1.78	0.72	38.89	67.16	14.09	15.106	51.618	10.574	1.28	38.89
1.79	0.59	39.43	67.75	14.31	13.169	51.695	10.617	1.07	39.43
1.80	0.45	39.97	68.20	14.48	11.464	51.747	10.646	0.84	39.97
1.81	0.37	40.56	68.57	14.62	10.000	51.784	10.668	0.70	40.56
1.82	0.36	41.15	68.93	14.76	8.761	51.815	10.686	0.69	41.15
1.83	0.36	41.74	69.29	14.90	7.718	51.843	10.703	0.70	41.74
1.84	0.35	42.32	69.64	15.04	6.857	51.867	10.717	0.68	42.32
1.85	0.35	42.90	69.99	15.18	6.166	51.889	10.731	0.69	42.90
1.86	0.35	43.55	70.34	15.32	5.631	51.909	10.743	0.69	43.55
1.87	0.35	44.20	70.69	15.46	5.240	51.927	10.755	0.70	44.20
1.88	0.35	44.85	71.04	15.61	4.980	51.944	10.767	0.70	44.85
1.89	0.35	45.49	71.39	15.75	4.788	51.961	10.778	0.70	45.49
1.90	0.35	46.13	71.74	15.90	4.573	51.977	10.789	0.70	46.13
1.91	0.35	46.63	72.09	16.05	4.358	51.992	10.799	0.70	46.63
1.92	0.35	47.13	72.44	16.20	4.143	52.007	10.809	0.70	47.13
1.93	0.35	47.62	72.79	16.35	3.930	52.021	10.819	0.71	47.62
1.94	0.35	48.12	73.14	16.50	3.721	52.034	10.828	0.71	48.12
1.95	0.35	48.61	73.49	16.66	3.516	52.046	10.837	0.71	48.61
1.96	0.35	49.13	73.84	16.81	3.319	52.058	10.846	0.71	49.13
1.97	0.35	49.65	74.19	16.97	3.129	52.068	10.854	0.71	49.65
1.98	0.34	50.17	74.53	17.12	2.948	52.079	10.862	0.69	50.17
1.99	0.34	50.68	74.87	17.27	2.778	52.088	10.869	0.69	50.68
2.00	0.34	51.20	75.21	17.42	2.620	52.097	10.876	0.69	51.20
2.01	0.33	51.51	75.54	17.57	2.476	52.105	10.882	0.68	51.51
2.02	0.31	51.82	75.85	17.71	2.347	52.112	10.888	0.64	51.82
2.03	0.29	52.13	76.14	17.84	2.235	52.119	10.893	0.59	52.13
2.04	0.28	52.44	76.42	17.97	2.141	52.125	10.898	0.57	52.44
2.05	0.26	52.75	76.68	18.09	2.066	52.130	10.902	0.53	52.75
2.06	0.25	53.62	76.93	18.20	2.012	52.135	10.906	0.51	53.62
2.07	0.24	54.49	77.17	18.32	1.964	52.140	10.910	0.49	54.49
2.08	0.23	55.36	77.40	18.43	1.927	52.144	10.914	0.47	55.36
2.09	0.22	56.22	77.62	18.53	1.891	52.148	10.917	0.45	56.22
2.10	0.22	57.07	77.84	18.64	1.854	52.153	10.921	0.45	57.07
2.11	0.21	57.93	78.06	18.75	1.817	52.156	10.925	0.43	57.93
2.12	0.20	58.79	78.25	18.85	1.780	52.160	10.928	0.41	58.79
2.13	0.19	59.64	78.44	18.95	1.743	52.163	10.931	0.39	59.64
2.14	0.18	60.49	78.62	19.04	1.706	52.166	10.934	0.37	60.49
2.15	0.18	61.33	78.80	19.14	1.669	52.169	10.937	0.37	61.33
2.16	0.17	61.53	78.97	19.23	1.633	52.172	10.939	0.35	61.53
2.17	0.17	61.73	79.14	19.32	1.596	52.175	10.942	0.35	61.73
2.18	0.17	61.93	79.31	19.41	1.560	52.177	10.945	0.35	61.93
2.19	0.17	62.13	79.48	19.51	1.523	52.180	10.947	0.35	62.13
2.20	0.17	62.33	79.65	19.60	1.487	52.183	10.950	0.35	62.33
2.21	0.16	62.40	79.81	19.68	1.451	52.185	10.952	0.33	62.40
2.22	0.14	62.48	79.95	19.76	1.415	52.187	10.954	0.29	62.48
2.23	0.12	62.56	80.07	19.82	1.380	52.189	10.956	0.25	62.56
2.24	0.11	62.63	80.18	19.88	1.345	52.190	10.957	0.23	62.63
2.25	0.11	62.71	80.29	19.94	1.311	52.191	10.959	0.23	62.71
2.26	0.11	63.36	80.40	20.00	1.276	52.193	10.960	0.23	63.36
2.27	0.11	64.01	80.51	20.06	1.242	52.194	10.961	0.23	64.01
2.28	0.12	64.66	80.63	20.13	1.209	52.196	10.963	0.25	64.66
2.29	0.14	65.30	80.77	20.20	1.176	52.197	10.965	0.29	65.30
2.30	0.16	65.94	80.93	20.29	1.144	52.199	10.966	0.33	65.94

2.31	0.67	66.24	81.60	20.67	1.112	52.207	10.974	1.39	66.24
2.32	0.67	66.53	82.27	21.04	1.081	52.214	10.982	1.39	66.53
2.33	0.67	66.82	82.94	21.41	1.050	52.221	10.990	1.39	66.82
2.34	0.67	67.11	83.61	21.78	1.021	52.228	10.997	1.39	67.11
2.35	0.66	67.40	84.27	22.14	0.991	52.234	11.004	1.37	67.40
2.36	0.66	67.69	84.93	22.49	0.971	52.241	11.011	1.37	67.69
2.37	0.66	67.97	85.59	22.84	0.942	52.247	11.018	1.37	67.97
2.38	0.65	68.26	86.24	23.18	0.912	52.253	11.024	1.35	68.26
2.39	0.65	68.54	86.89	23.52	0.883	52.259	11.031	1.35	68.54
2.40	0.65	68.82	87.54	23.86	0.853	52.264	11.037	1.35	68.82
2.41	0.65	69.10	88.19	24.19	0.823	52.269	11.043	1.35	69.10
2.42	0.64	69.38	88.83	24.52	0.794	52.275	11.048	1.33	69.38
2.43	0.64	69.66	89.47	24.84	0.764	52.279	11.054	1.33	69.66
2.44	0.64	69.94	90.11	25.16	0.734	52.284	11.059	1.33	69.94
2.45	0.64	70.22	90.75	25.48	0.704	52.289	11.064	1.33	70.22
2.46	0.63	71.99	91.38	25.80	0.674	52.293	11.069	1.31	71.99
2.47	0.63	73.75	92.01	26.13	0.645	52.297	11.074	1.31	73.75
2.48	0.63	75.50	92.64	26.46	0.615	52.301	11.079	1.31	75.50
2.49	0.62	77.25	93.26	26.80	0.585	52.304	11.083	1.29	77.25
2.50	0.62	78.98	93.88	27.15	0.555	52.308	11.088	1.29	78.98
2.51	0.62	80.72	94.50	27.50	0.526	52.311	11.092	1.29	80.72
2.52	0.62	82.44	95.12	27.86	0.496	52.314	11.096	1.29	82.44
2.53	0.62	84.16	95.74	28.22	0.467	52.317	11.100	1.29	84.16
2.54	0.61	85.87	96.35	28.59	0.437	52.320	11.104	1.27	85.87
2.55	0.61	87.58	96.96	28.96	0.408	52.322	11.108	1.27	87.58
2.56	0.61	89.27	97.57	29.33	0.379	52.325	11.111	1.27	89.27
2.57	0.61	90.96	98.18	29.72	0.350	52.327	11.115	1.28	90.96
2.58	0.60	92.65	98.78	30.10	0.321	52.329	11.118	1.25	92.65
2.59	0.60	94.33	99.38	30.49	0.292	52.330	11.120	1.26	94.33
2.60	0.60	96.00	99.98	30.88	0.264	52.332	11.123	1.26	96.00

		CLEAN COAL ASH %	11.12	REFUSE ASH %	52.57
HEAD ASH %	30.88	CLEAN COAL YIELD%	52.33	REFUSE YIELD%	47.67
THEO. YIELD	58.85	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.693	IMPERFECTION	0.053		
NEAR GRAVITY MAT	19.655				
ORGANIC EFFCY.	88.93				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 23 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.34 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.85	0.19	0.85	0.19	98.537	0.838	0.190	0.04	0.19
1.25	0.95	0.38	1.80	0.29	98.499	1.773	0.290	0.05	0.38
1.26	1.05	0.56	2.85	0.39	98.461	2.807	0.390	0.05	0.56
1.27	1.14	0.74	3.99	0.49	98.423	3.929	0.490	0.06	0.74
1.28	1.24	0.91	5.23	0.59	98.385	5.149	0.589	0.07	0.91
1.29	1.33	1.09	6.56	0.69	98.347	6.457	0.691	0.07	1.09
1.30	1.42	1.26	7.98	0.79	98.309	7.853	0.792	0.08	1.26
1.31	1.51	1.44	9.49	0.90	98.271	9.337	0.895	0.09	1.44
1.32	1.60	1.82	11.09	1.03	98.232	10.909	1.028	0.09	1.82
1.33	1.68	2.41	12.78	1.21	98.194	12.568	1.211	0.10	2.41
1.34	1.77	3.00	14.55	1.43	98.156	14.306	1.428	0.11	3.00
1.35	1.86	3.58	16.41	1.67	98.117	16.131	1.671	0.12	3.58
1.36	1.94	4.16	18.35	1.94	98.078	18.033	1.934	0.12	4.16
1.37	2.02	4.73	20.37	2.21	98.039	20.014	2.211	0.13	4.73
1.38	2.10	5.30	22.47	2.50	98.000	22.072	2.499	0.14	5.30
1.39	2.19	5.87	24.65	2.80	97.871	24.205	2.796	0.15	5.87
1.40	2.26	6.43	26.91	3.10	97.585	26.411	3.099	0.18	6.43
1.41	2.57	6.75	29.48	3.42	97.177	28.908	3.415	0.24	6.75
1.42	3.03	7.07	32.51	3.76	96.680	31.838	3.751	0.33	7.07
1.43	3.37	7.38	35.88	4.10	96.128	35.077	4.086	0.43	7.38
1.44	3.58	7.70	39.46	4.43	95.557	38.498	4.407	0.53	7.70
1.45	3.67	8.01	43.13	4.73	95.000	41.984	4.707	0.61	8.01
1.46	3.63	8.87	46.76	5.05	94.445	45.413	5.021	0.67	8.87
1.47	3.47	9.73	50.23	5.38	93.796	48.668	5.336	0.71	9.73
1.48	3.18	10.58	53.41	5.69	92.959	51.624	5.636	0.74	10.58
1.49	2.77	11.43	56.18	5.97	91.842	54.168	5.908	0.75	11.43
1.50	2.23	12.27	58.41	6.21	90.351	56.183	6.136	0.71	12.27
1.51	1.87	13.24	60.28	6.43	88.056	57.829	6.339	0.74	13.24
1.52	1.76	14.21	62.04	6.65	85.857	59.340	6.539	0.82	14.21
1.53	1.64	15.17	63.68	6.87	83.441	60.709	6.734	0.90	15.17
1.54	1.52	16.12	65.20	7.08	80.849	61.938	6.920	0.96	16.12
1.55	1.39	17.07	66.59	7.29	78.118	63.023	7.095	1.01	17.07
1.56	1.25	17.89	67.84	7.49	75.267	63.965	7.254	1.02	17.89
1.57	1.10	18.70	68.94	7.67	72.126	64.758	7.394	1.01	18.70
1.58	0.95	19.50	69.89	7.83	69.253	65.416	7.516	0.97	19.50
1.59	0.79	20.30	70.68	7.97	66.379	65.940	7.617	0.88	20.30
1.60	0.62	21.10	71.30	8.08	63.506	66.334	7.697	0.75	21.10
1.61	0.53	21.94	71.83	8.18	60.632	66.655	7.766	0.69	21.94
1.62	0.53	22.78	72.36	8.29	57.759	66.961	7.835	0.74	22.78
1.63	0.52	23.62	72.88	8.40	54.886	67.247	7.902	0.78	23.62
1.64	0.51	24.45	73.39	8.51	52.011	67.512	7.967	0.81	24.45
1.65	0.50	25.27	73.89	8.63	49.138	67.758	8.029	0.84	25.27
1.66	0.48	26.23	74.37	8.74	47.126	67.984	8.090	0.84	26.23
1.67	0.46	27.19	74.83	8.85	44.253	68.188	8.147	0.85	27.19
1.68	0.44	28.13	75.27	8.96	41.379	68.370	8.200	0.85	28.13
1.69	0.42	29.08	75.69	9.08	38.506	68.531	8.249	0.85	29.08
1.70	0.39	30.01	76.08	9.18	35.632	68.670	8.293	0.83	30.01

1.71	0.38	30.88	76.46	9.29	32.759	68.795	8.334	0.85	30.88
1.72	0.39	31.73	76.85	9.41	29.885	68.911	8.374	0.90	31.73
1.73	0.40	32.59	77.25	9.53	27.011	69.019	8.412	0.97	32.59
1.74	0.40	33.43	77.65	9.65	24.138	69.116	8.447	1.00	33.43
1.75	0.39	34.28	78.04	9.77	22.222	69.203	8.479	1.00	34.28
1.76	0.37	35.11	78.41	9.89	19.641	69.275	8.507	0.98	35.11
1.77	0.35	35.94	78.76	10.01	17.266	69.336	8.531	0.96	35.94
1.78	0.32	36.77	79.08	10.12	15.106	69.384	8.551	0.90	36.77
1.79	0.28	37.59	79.36	10.21	13.169	69.421	8.566	0.80	37.59
1.80	0.23	38.40	79.59	10.29	11.464	69.447	8.577	0.67	38.40
1.81	0.20	39.10	79.79	10.37	10.000	69.467	8.586	0.60	39.10
1.82	0.19	39.80	79.98	10.44	8.761	69.484	8.594	0.57	39.80
1.83	0.19	40.50	80.17	10.51	7.718	69.499	8.600	0.58	40.50
1.84	0.18	41.19	80.35	10.58	6.857	69.511	8.606	0.55	41.19
1.85	0.17	41.88	80.52	10.64	6.166	69.521	8.611	0.53	41.88
1.86	0.16	42.50	80.68	10.71	5.631	69.530	8.616	0.50	42.50
1.87	0.16	43.11	80.84	10.77	5.240	69.539	8.620	0.50	43.11
1.88	0.15	43.72	80.99	10.83	4.980	69.546	8.624	0.47	43.72
1.89	0.14	44.32	81.13	10.89	4.788	69.553	8.627	0.44	44.32
1.90	0.14	44.93	81.27	10.95	4.573	69.559	8.630	0.44	44.93
1.91	0.14	45.42	81.41	11.01	4.358	69.565	8.634	0.44	45.42
1.92	0.13	45.91	81.54	11.06	4.143	69.571	8.636	0.41	45.91
1.93	0.13	46.39	81.67	11.12	3.930	69.576	8.639	0.41	46.39
1.94	0.13	46.88	81.80	11.17	3.721	69.581	8.642	0.41	46.88
1.95	0.13	47.36	81.93	11.23	3.516	69.585	8.644	0.41	47.36
1.96	0.13	48.08	82.06	11.29	3.319	69.590	8.647	0.42	48.08
1.97	0.13	48.80	82.19	11.35	3.129	69.594	8.649	0.42	48.80
1.98	0.14	49.52	82.33	11.41	2.948	69.598	8.652	0.45	49.52
1.99	0.14	50.23	82.47	11.48	2.778	69.602	8.654	0.45	50.23
2.00	0.14	50.94	82.61	11.55	2.620	69.605	8.656	0.45	50.94
2.01	0.14	51.45	82.75	11.61	2.476	69.609	8.658	0.45	51.45
2.02	0.14	51.95	82.89	11.68	2.347	69.612	8.660	0.45	51.95
2.03	0.14	52.46	83.03	11.75	2.235	69.615	8.662	0.45	52.46
2.04	0.14	52.96	83.17	11.82	2.141	69.618	8.664	0.45	52.96
2.05	0.14	53.45	83.31	11.89	2.066	69.621	8.666	0.45	53.45
2.06	0.14	54.12	83.45	11.96	2.012	69.624	8.668	0.45	54.12
2.07	0.14	54.78	83.59	12.03	1.964	69.627	8.670	0.45	54.78
2.08	0.14	55.44	83.73	12.11	1.927	69.629	8.672	0.45	55.44
2.09	0.14	56.10	83.87	12.18	1.891	69.632	8.673	0.45	56.10
2.10	0.14	56.75	84.01	12.25	1.854	69.635	8.675	0.45	56.75
2.11	0.13	57.25	84.14	12.32	1.817	69.637	8.677	0.42	57.25
2.12	0.13	57.75	84.27	12.39	1.780	69.639	8.678	0.42	57.75
2.13	0.12	58.24	84.39	12.46	1.743	69.641	8.680	0.39	58.24
2.14	0.12	58.73	84.51	12.52	1.706	69.644	8.681	0.39	58.73
2.15	0.12	59.22	84.63	12.59	1.669	69.646	8.683	0.39	59.22
2.16	0.11	59.75	84.74	12.65	1.633	69.647	8.684	0.36	59.75
2.17	0.11	60.27	84.85	12.71	1.596	69.649	8.686	0.36	60.27
2.18	0.11	60.78	84.96	12.78	1.560	69.651	8.687	0.36	60.78
2.19	0.11	61.30	85.07	12.84	1.523	69.652	8.688	0.36	61.30
2.20	0.12	61.81	85.19	12.91	1.487	69.654	8.689	0.39	61.81
2.21	0.11	62.11	85.30	12.97	1.451	69.656	8.691	0.36	62.11
2.22	0.10	62.40	85.40	13.03	1.415	69.657	8.692	0.33	62.40
2.23	0.09	62.69	85.49	13.08	1.380	69.659	8.693	0.29	62.69
2.24	0.08	62.98	85.57	13.13	1.345	69.660	8.694	0.26	62.98
2.25	0.08	63.26	85.65	13.17	1.311	69.661	8.694	0.26	63.26
2.26	0.08	64.04	85.73	13.22	1.276	69.662	8.695	0.26	64.04
2.27	0.08	64.82	85.81	13.27	1.242	69.663	8.696	0.26	64.82
2.28	0.09	65.60	85.90	13.33	1.209	69.664	8.697	0.29	65.60
2.29	0.10	66.37	86.00	13.39	1.176	69.665	8.698	0.33	66.37
2.30	0.11	67.14	86.11	13.46	1.144	69.666	8.699	0.36	67.14

2.31	0.49	67.78	86.60	13.76	1.112	69.672	8.704	1.60	67.78
2.32	0.49	68.42	87.09	14.07	1.081	69.677	8.708	1.60	68.42
2.33	0.49	69.06	87.58	14.38	1.050	69.682	8.713	1.60	69.06
2.34	0.48	69.69	88.06	14.68	1.021	69.687	8.717	1.57	69.69
2.35	0.48	70.33	88.54	14.98	0.991	69.692	8.721	1.57	70.33
2.36	0.48	70.96	89.02	15.28	0.971	69.696	8.725	1.57	70.96
2.37	0.48	71.59	89.50	15.58	0.942	69.701	8.729	1.57	71.59
2.38	0.48	72.21	89.98	15.89	0.912	69.705	8.733	1.57	72.21
2.39	0.47	72.83	90.45	16.18	0.883	69.709	8.737	1.54	72.83
2.40	0.47	73.45	90.92	16.48	0.853	69.713	8.741	1.54	73.45
2.41	0.47	74.07	91.39	16.78	0.823	69.717	8.744	1.54	74.07
2.42	0.47	74.68	91.86	17.07	0.794	69.721	8.748	1.54	74.68
2.43	0.47	75.30	92.33	17.37	0.764	69.725	8.751	1.54	75.30
2.44	0.46	75.90	92.79	17.66	0.734	69.728	8.755	1.51	75.90
2.45	0.46	76.51	93.25	17.95	0.704	69.731	8.758	1.51	76.51
2.46	0.46	77.85	93.71	18.24	0.674	69.734	8.761	1.51	77.85
2.47	0.46	79.18	94.17	18.54	0.645	69.737	8.764	1.51	79.18
2.48	0.46	80.50	94.63	18.84	0.615	69.740	8.767	1.51	80.50
2.49	0.46	81.82	95.09	19.15	0.585	69.743	8.770	1.51	81.82
2.50	0.45	83.14	95.54	19.45	0.555	69.745	8.772	1.48	83.14
2.51	0.45	84.45	95.99	19.75	0.526	69.748	8.775	1.48	84.45
2.52	0.45	85.75	96.44	20.06	0.496	69.750	8.777	1.48	85.75
2.53	0.45	87.05	96.89	20.37	0.467	69.752	8.780	1.48	87.05
2.54	0.45	88.34	97.34	20.69	0.437	69.754	8.782	1.48	88.34
2.55	0.44	89.63	97.78	21.00	0.408	69.756	8.784	1.45	89.63
2.56	0.44	90.92	98.22	21.31	0.379	69.757	8.786	1.45	90.92
2.57	0.44	92.19	98.66	21.62	0.350	69.759	8.788	1.45	92.19
2.58	0.44	93.47	99.10	21.94	0.321	69.760	8.790	1.45	93.47
2.59	0.44	94.74	99.54	22.27	0.292	69.762	8.791	1.45	94.74
2.60	0.44	96.00	99.98	22.59	0.264	69.763	8.793	1.45	96.00

		CLEAN COAL ASH %	8.79	REFUSE ASH %	54.42
HEAD ASH %	22.59	CLEAN COAL YIELD%	69.76	REFUSE YIELD%	30.24
THEO. YIELD	74.59	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.665	IMPERFECTION	0.053		
NEAR GRAVITY MAT	10.213				
ORGANIC EFFCY.	93.53				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 24 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 11.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	3.32	0.26	3.32	0.26	98.537	3.271	0.260	0.21	0.26
1.25	3.26	0.51	6.58	0.38	98.499	6.483	0.384	0.21	0.51
1.26	3.21	0.76	9.79	0.51	98.461	9.643	0.507	0.21	0.76
1.27	3.15	1.00	12.94	0.63	98.423	12.743	0.627	0.22	1.00
1.28	3.10	1.25	16.04	0.75	98.385	15.793	0.747	0.22	1.25
1.29	3.05	1.49	19.09	0.87	98.347	18.793	0.866	0.22	1.49
1.30	2.99	1.73	22.08	0.98	98.309	21.732	0.983	0.22	1.73
1.31	2.94	1.96	25.02	1.10	98.271	24.622	1.097	0.22	1.96
1.32	2.90	2.31	27.92	1.22	98.232	27.470	1.223	0.22	2.31
1.33	2.85	2.78	30.77	1.37	98.194	30.269	1.367	0.22	2.78
1.34	2.80	3.24	33.57	1.52	98.156	33.017	1.523	0.22	3.24
1.35	2.76	3.69	36.33	1.69	98.117	35.725	1.687	0.23	3.69
1.36	2.72	4.14	39.05	1.86	98.078	38.393	1.858	0.23	4.14
1.37	2.67	4.59	41.72	2.03	98.039	41.011	2.032	0.23	4.59
1.38	2.63	5.04	44.35	2.21	98.000	43.588	2.210	0.23	5.04
1.39	2.60	5.48	46.95	2.39	97.871	46.133	2.390	0.24	5.48
1.40	2.56	5.92	49.51	2.56	97.585	48.631	2.572	0.27	5.92
1.41	2.51	6.41	52.02	2.76	97.177	51.070	2.755	0.31	6.41
1.42	2.44	6.89	54.46	2.95	96.680	53.429	2.938	0.35	6.89
1.43	2.35	7.37	56.81	3.13	96.128	55.688	3.117	0.40	7.37
1.44	2.26	7.85	59.07	3.31	95.557	57.848	3.294	0.44	7.85
1.45	2.15	8.32	61.22	3.49	95.000	59.890	3.465	0.47	8.32
1.46	2.03	9.35	63.25	3.67	94.445	61.807	3.648	0.49	9.35
1.47	1.89	10.36	65.14	3.87	93.796	63.580	3.835	0.51	10.36
1.48	1.75	11.37	66.89	4.06	92.959	65.207	4.023	0.54	11.37
1.49	1.59	12.38	68.48	4.26	91.842	66.667	4.206	0.56	12.38
1.50	1.42	13.37	69.90	4.44	90.351	67.950	4.379	0.59	13.37
1.51	1.29	14.50	71.19	4.62	88.056	69.086	4.546	0.67	14.50
1.52	1.22	15.63	72.41	4.81	85.857	70.133	4.711	0.75	15.63
1.53	1.13	16.74	73.54	4.99	83.441	71.076	4.871	0.81	16.74
1.54	1.04	17.85	74.58	5.17	80.849	71.917	5.022	0.86	17.85
1.55	0.94	18.95	75.52	5.34	78.118	72.651	5.163	0.89	18.95
1.56	0.83	19.56	76.35	5.50	75.287	73.276	5.286	0.89	19.56
1.57	0.72	20.17	77.07	5.64	72.126	73.796	5.391	0.87	20.17
1.58	0.60	20.77	77.67	5.75	69.253	74.211	5.477	0.80	20.77
1.59	0.48	21.37	78.15	5.85	66.379	74.530	5.545	0.70	21.37
1.60	0.35	21.96	78.50	5.92	63.506	74.752	5.594	0.55	21.96
1.61	0.28	22.62	78.78	5.98	60.632	74.922	5.632	0.48	22.62
1.62	0.28	23.27	79.06	6.04	57.759	75.084	5.670	0.61	23.27
1.63	0.28	23.92	79.34	6.10	54.885	75.237	5.707	0.55	23.92
1.64	0.27	24.57	79.61	6.17	52.011	75.378	5.743	0.56	24.57
1.65	0.27	25.21	79.88	6.23	49.138	75.510	5.777	0.60	25.21
1.66	0.27	26.11	80.15	6.30	47.126	75.638	5.811	0.62	26.11
1.67	0.28	27.01	80.43	6.37	44.253	75.761	5.846	0.68	27.01
1.68	0.28	27.90	80.71	6.44	41.379	75.877	5.879	0.71	27.90
1.69	0.28	28.78	80.99	6.52	38.506	75.985	5.912	0.75	28.78
1.70	0.28	29.67	81.27	6.60	35.632	76.085	5.943	0.78	29.67

1.71	0.29	30.21	81.56	6.69	32.759	76.180	5.973	0.85	30.21
1.72	0.29	30.75	81.85	6.77	29.885	76.267	6.001	0.88	30.75
1.73	0.30	31.29	82.15	6.86	27.011	76.348	6.028	0.95	31.29
1.74	0.30	31.82	82.45	6.95	24.138	76.420	6.053	0.99	31.82
1.75	0.30	32.35	82.75	7.04	22.222	76.487	6.076	1.01	32.35
1.75	0.29	33.48	83.04	7.14	19.641	76.544	6.096	1.01	33.48
1.77	0.29	34.60	83.33	7.23	17.266	76.594	6.115	1.04	34.60
1.78	0.28	35.71	83.61	7.33	15.106	76.636	6.131	1.03	35.71
1.79	0.27	36.82	83.88	7.42	13.169	76.672	6.145	1.02	36.82
1.80	0.26	37.92	84.14	7.52	11.464	76.701	6.158	1.00	37.92
1.81	0.24	39.08	84.38	7.61	10.000	76.726	6.168	0.94	39.08
1.82	0.20	40.24	84.58	7.68	8.761	76.743	6.176	0.79	40.24
1.83	0.18	41.39	84.76	7.75	7.718	76.757	6.182	0.72	41.39
1.84	0.16	42.53	84.92	7.82	6.857	76.768	6.187	0.65	42.53
1.85	0.14	43.67	85.06	7.88	6.166	76.776	6.191	0.57	43.67
1.86	0.12	43.68	85.18	7.93	5.631	76.783	6.195	0.49	43.68
1.87	0.12	43.70	85.30	7.98	5.240	76.789	6.198	0.49	43.70
1.88	0.11	43.71	85.41	8.03	4.980	76.795	6.201	0.45	43.71
1.89	0.11	43.72	85.52	8.07	4.788	76.800	6.203	0.45	43.72
1.90	0.12	43.74	85.64	8.12	4.573	76.806	6.206	0.50	43.74
1.91	0.12	43.81	85.76	8.17	4.358	76.811	6.208	0.50	43.81
1.92	0.12	43.87	85.88	8.22	4.143	76.816	6.211	0.50	43.87
1.93	0.12	43.94	86.00	8.27	3.930	76.821	6.213	0.50	43.94
1.94	0.12	44.01	86.12	8.32	3.721	76.825	6.215	0.50	44.01
1.95	0.12	44.08	86.24	8.37	3.516	76.829	6.217	0.50	44.08
1.96	0.12	44.69	86.36	8.42	3.319	76.833	6.219	0.50	44.69
1.97	0.12	45.31	86.48	8.47	3.129	76.837	6.221	0.50	45.31
1.98	0.12	45.92	86.60	8.52	2.948	76.841	6.223	0.51	45.92
1.99	0.12	46.53	86.72	8.58	2.778	76.844	6.225	0.51	46.53
2.00	0.12	47.14	86.84	8.63	2.620	76.847	6.227	0.51	47.14
2.01	0.12	47.50	86.96	8.68	2.476	76.850	6.228	0.51	47.50
2.02	0.12	47.85	87.08	8.74	2.347	76.853	6.230	0.51	47.85
2.03	0.12	48.21	87.20	8.79	2.235	76.856	6.231	0.51	48.21
2.04	0.12	48.57	87.32	8.85	2.141	76.858	6.233	0.51	48.57
2.05	0.12	48.92	87.44	8.90	2.066	76.861	6.234	0.51	48.92
2.06	0.12	49.47	87.56	8.96	2.012	76.863	6.235	0.51	49.47
2.07	0.12	50.03	87.68	9.01	1.964	76.865	6.237	0.51	50.03
2.08	0.12	50.57	87.80	9.07	1.927	76.868	6.238	0.51	50.57
2.09	0.12	51.12	87.92	9.13	1.891	76.870	6.239	0.51	51.12
2.10	0.12	51.67	88.04	9.19	1.854	76.872	6.241	0.51	51.67
2.11	0.12	52.05	88.16	9.24	1.817	76.874	6.242	0.51	52.05
2.12	0.11	52.44	88.27	9.30	1.780	76.876	6.243	0.47	52.44
2.13	0.10	52.82	88.37	9.35	1.743	76.878	6.244	0.43	52.82
2.14	0.10	53.20	88.47	9.40	1.706	76.880	6.245	0.43	53.20
2.15	0.09	53.58	88.56	9.44	1.669	76.881	6.246	0.38	53.58
2.16	0.08	53.95	88.64	9.48	1.633	76.883	6.247	0.34	53.95
2.17	0.08	54.33	88.72	9.52	1.596	76.884	6.248	0.34	54.33
2.18	0.08	54.70	88.80	9.56	1.560	76.885	6.249	0.34	54.70
2.19	0.08	55.07	88.88	9.60	1.523	76.886	6.249	0.34	55.07
2.20	0.08	55.44	88.96	9.64	1.487	76.887	6.250	0.34	55.44
2.21	0.08	56.06	89.04	9.69	1.451	76.889	6.251	0.34	56.06
2.22	0.08	56.68	89.12	9.73	1.415	76.890	6.252	0.34	56.68
2.23	0.08	57.30	89.20	9.77	1.380	76.891	6.252	0.34	57.30
2.24	0.08	57.91	89.28	9.81	1.345	76.892	6.253	0.34	57.91
2.25	0.08	58.52	89.36	9.86	1.311	76.893	6.254	0.34	58.52
2.26	0.09	59.13	89.45	9.91	1.276	76.894	6.255	0.39	59.13
2.27	0.09	59.74	89.54	9.96	1.242	76.895	6.255	0.39	59.74
2.28	0.10	60.34	89.64	10.01	1.209	76.896	6.256	0.43	60.34
2.29	0.11	60.94	89.75	10.08	1.176	76.898	6.257	0.47	60.94
2.30	0.11	61.53	89.86	10.14	1.144	76.899	6.258	0.47	61.53

2.31	0.36	61.68	90.22	10.35	1.112	76.903	6.261	1.55	61.68
2.32	0.36	61.82	90.58	10.55	1.081	76.907	6.264	1.55	61.82
2.33	0.36	61.96	90.94	10.75	1.050	76.911	6.266	1.55	61.96
2.34	0.36	62.10	91.30	10.96	1.021	76.914	6.269	1.55	62.10
2.35	0.35	62.24	91.65	11.15	0.991	76.918	6.272	1.50	62.24
2.36	0.35	62.38	92.00	11.35	0.971	76.921	6.274	1.50	62.38
2.37	0.35	62.52	92.35	11.54	0.942	76.925	6.276	1.51	62.52
2.38	0.35	62.66	92.70	11.73	0.912	76.928	6.279	1.51	62.66
2.39	0.35	62.80	93.05	11.93	0.883	76.931	6.281	1.51	62.80
2.40	0.35	62.93	93.40	12.12	0.853	76.934	6.283	1.81	62.93
2.41	0.34	63.07	93.74	12.30	0.823	76.937	6.285	1.46	63.07
2.42	0.34	63.21	94.08	12.49	0.794	76.939	6.287	1.46	63.21
2.43	0.34	63.34	94.42	12.67	0.764	76.942	6.289	1.47	63.34
2.44	0.34	63.48	94.76	12.85	0.734	76.944	6.291	1.47	63.48
2.45	0.34	63.61	95.10	13.03	0.704	76.947	6.293	1.47	63.61
2.46	0.34	65.83	95.44	13.22	0.674	76.949	6.295	1.47	65.83
2.47	0.34	68.04	95.78	13.41	0.645	76.951	6.296	1.47	68.04
2.48	0.34	70.25	96.12	13.62	0.615	76.953	6.298	1.47	70.25
2.49	0.33	72.44	96.45	13.82	0.585	76.955	6.300	1.42	72.44
2.50	0.33	74.62	96.78	14.02	0.555	76.957	6.302	1.42	74.62
2.51	0.33	76.80	97.11	14.24	0.526	76.959	6.303	1.43	76.80
2.52	0.33	78.97	97.44	14.46	0.496	76.960	6.305	1.43	78.97
2.53	0.33	81.12	97.77	14.68	0.467	76.962	6.306	1.43	81.12
2.54	0.33	83.27	98.10	14.91	0.437	76.963	6.308	1.43	83.27
2.55	0.33	85.42	98.43	15.15	0.408	76.965	6.309	1.43	85.42
2.56	0.32	87.55	98.75	15.38	0.379	76.966	6.310	1.38	87.55
2.57	0.32	89.67	99.07	15.62	0.350	76.967	6.311	1.38	89.67
2.58	0.32	91.79	99.39	15.87	0.321	76.968	6.313	1.39	91.79
2.59	0.32	93.90	99.71	16.12	0.292	76.969	6.314	1.39	93.90
2.60	0.32	96.00	100.03	16.37	0.264	76.970	6.315	1.39	96.00

		CLEAN COAL ASH %	6.31	REFUSE ASH %	50.00
HEAD ASH %	16.37	CLEAN COAL YIELD%	76.97	REFUSE YIELD%	23.03
THEO. YIELD	80.22	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.662	IMPERFECTION	0.093		
NEAR GRAVITY MAT	6.569				
ORGANIC EFFCY.	95.95				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC-DDH82006 SID: 41 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.71 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.23	0.21	0.23	0.21	98.537	0.227	0.210	0.01	0.21
1.25	0.33	0.42	0.56	0.33	98.499	0.552	0.334	0.01	0.42
1.26	0.44	0.62	1.00	0.46	98.461	0.985	0.460	0.02	0.62
1.27	0.55	0.81	1.55	0.58	98.423	1.526	0.584	0.02	0.81
1.28	0.65	1.01	2.20	0.71	98.385	2.166	0.710	0.03	1.01
1.29	0.76	1.21	2.96	0.84	98.347	2.913	0.838	0.03	1.21
1.30	0.87	1.40	3.83	0.97	98.309	3.768	0.966	0.04	1.40
1.31	0.98	1.59	4.81	1.09	98.271	4.732	1.093	0.04	1.59
1.32	1.09	1.90	5.90	1.24	98.232	5.802	1.242	0.05	1.90
1.33	1.20	2.33	7.10	1.43	98.194	6.981	1.425	0.06	2.33
1.34	1.31	2.75	8.41	1.63	98.156	8.266	1.631	0.06	2.75
1.35	1.42	3.16	9.83	1.85	98.117	9.660	1.852	0.07	3.16
1.36	1.53	3.58	11.36	2.09	98.078	11.160	2.084	0.08	3.58
1.37	1.64	3.99	13.00	2.33	98.039	12.768	2.324	0.08	3.99
1.38	1.75	4.40	14.75	2.57	98.000	14.483	2.570	0.09	4.40
1.39	1.86	4.80	16.61	2.82	97.871	16.304	2.819	0.10	4.80
1.40	1.98	5.20	18.59	3.07	97.585	18.236	3.071	0.12	5.20
1.41	2.34	5.34	20.93	3.33	97.177	20.510	3.323	0.17	5.34
1.42	2.86	5.48	23.79	3.59	96.680	23.275	3.579	0.25	5.48
1.43	3.23	5.62	27.02	3.83	96.128	26.380	3.819	0.33	5.62
1.44	3.46	5.75	30.48	4.05	95.557	29.686	4.034	0.40	5.75
1.45	3.54	5.89	34.02	4.24	95.000	33.049	4.223	0.46	5.89
1.46	3.48	6.88	37.50	4.48	94.445	36.336	4.464	0.50	6.88
1.47	3.27	7.87	40.77	4.76	93.796	39.403	4.729	0.53	7.87
1.48	2.92	8.85	43.69	5.03	92.959	42.117	4.994	0.54	8.85
1.49	2.42	9.82	46.11	5.28	91.842	44.340	5.236	0.52	9.82
1.50	1.77	10.79	47.88	5.48	90.351	45.939	5.430	0.45	10.79
1.51	1.38	11.71	49.26	5.66	88.056	47.154	5.591	0.43	11.71
1.52	1.34	12.63	50.60	5.84	85.857	48.305	5.759	0.49	12.63
1.53	1.30	13.53	51.90	6.04	83.441	49.389	5.930	0.56	13.53
1.54	1.25	14.37	53.15	6.23	80.849	50.400	6.099	0.62	14.37
1.55	1.20	15.14	54.35	6.43	78.118	51.337	6.264	0.69	15.14
1.56	1.16	15.86	55.51	6.63	75.287	52.211	6.425	0.75	15.86
1.57	1.11	16.58	56.62	6.82	72.126	53.011	6.578	0.81	16.58
1.58	1.06	17.30	57.68	7.01	69.253	53.745	6.724	0.85	17.30
1.59	1.01	18.02	58.69	7.20	66.379	54.416	6.864	0.89	18.02
1.60	0.96	18.73	59.65	7.39	63.506	55.025	6.995	0.91	18.73
1.61	0.95	19.41	60.60	7.58	60.632	55.601	7.124	0.98	19.41
1.62	0.97	20.08	61.57	7.77	57.759	56.162	7.253	1.07	20.08
1.63	0.98	20.74	62.55	7.98	54.885	56.700	7.381	1.15	20.74
1.64	0.98	21.40	63.53	8.18	52.011	57.209	7.506	1.23	21.40
1.65	0.96	22.06	64.49	8.39	49.138	57.681	7.625	1.27	22.06
1.66	0.94	22.74	65.43	8.60	47.126	58.124	7.740	1.30	22.74
1.67	0.90	23.43	66.33	8.80	44.253	58.522	7.847	1.31	23.43
1.68	0.85	24.10	67.18	8.99	41.379	58.874	7.944	1.30	24.10
1.69	0.80	24.78	67.98	9.18	38.506	59.182	8.031	1.28	24.78
1.70	0.73	25.45	68.71	9.35	35.632	59.442	8.108	1.23	25.45

1.71	0.69	25.73	69.40	9.51	32.759	59.668	8.174	1.21	25.73
1.72	0.68	26.01	70.08	9.67	29.885	59.871	8.235	1.24	26.01
1.73	0.68	26.28	70.76	9.83	27.011	60.055	8.290	1.30	26.28
1.74	0.68	26.56	71.44	9.99	24.138	60.219	8.340	1.35	26.56
1.75	0.67	26.83	72.11	10.15	22.222	60.368	8.386	1.36	26.83
1.76	0.67	28.21	72.78	10.31	19.641	60.500	8.429	1.41	28.21
1.77	0.67	29.57	73.45	10.49	17.266	60.615	8.469	1.45	29.57
1.78	0.68	30.93	74.13	10.68	15.106	60.718	8.507	1.51	30.93
1.79	0.68	32.28	74.81	10.87	13.169	60.808	8.542	1.54	32.28
1.80	0.68	33.62	75.49	11.08	11.464	60.886	8.574	1.57	33.62
1.81	0.69	34.83	76.18	11.29	10.000	60.955	8.604	1.62	34.83
1.82	0.69	36.04	76.87	11.52	8.761	61.015	8.631	1.64	36.04
1.83	0.69	37.23	77.56	11.75	7.718	61.068	8.656	1.66	37.23
1.84	0.69	38.42	78.25	11.98	6.857	61.116	8.679	1.68	38.42
1.85	0.69	39.61	78.94	12.22	6.166	61.158	8.701	1.69	39.61
1.86	0.69	39.75	79.63	12.46	5.631	61.197	8.720	1.70	39.75
1.87	0.69	39.90	80.32	12.70	5.240	61.233	8.739	1.71	39.90
1.88	0.69	40.04	81.01	12.93	4.980	61.268	8.756	1.71	40.04
1.89	0.69	40.18	81.70	13.16	4.788	61.301	8.773	1.71	40.18
1.90	0.68	40.33	82.38	13.38	4.573	61.332	8.789	1.69	40.33
1.91	0.67	40.46	83.05	13.60	4.358	61.361	8.804	1.67	40.46
1.92	0.64	40.60	83.69	13.81	4.143	61.387	8.818	1.60	40.60
1.93	0.61	40.73	84.30	14.00	3.930	61.411	8.831	1.53	40.73
1.94	0.59	40.86	84.89	14.19	3.721	61.433	8.842	1.48	40.86
1.95	0.56	41.00	85.45	14.37	3.516	61.453	8.852	1.41	41.00
1.96	0.54	41.93	85.99	14.54	3.319	61.471	8.862	1.36	41.93
1.97	0.53	42.86	86.52	14.71	3.129	61.487	8.871	1.34	42.86
1.98	0.51	43.78	87.03	14.88	2.948	61.503	8.880	1.29	43.78
1.99	0.50	44.70	87.53	15.05	2.778	61.516	8.888	1.27	44.70
2.00	0.48	45.61	88.01	15.22	2.620	61.529	8.895	1.22	45.61
2.01	0.47	46.38	88.48	15.39	2.476	61.541	8.902	1.20	46.38
2.02	0.45	47.15	88.93	15.55	2.347	61.551	8.909	1.15	47.15
2.03	0.42	47.91	89.35	15.70	2.235	61.561	8.915	1.07	47.91
2.04	0.40	48.66	89.75	15.84	2.141	61.569	8.920	1.02	48.66
2.05	0.37	49.42	90.12	15.98	2.066	61.577	8.925	0.95	49.42
2.06	0.34	50.06	90.46	16.11	2.012	61.584	8.930	0.87	50.06
2.07	0.31	50.70	90.77	16.23	1.964	61.590	8.934	0.79	50.70
2.08	0.27	51.33	91.04	16.33	1.927	61.595	8.938	0.69	51.33
2.09	0.24	51.97	91.28	16.43	1.891	61.599	8.941	0.61	51.97
2.10	0.20	52.59	91.48	16.51	1.854	61.603	8.943	0.51	52.59
2.11	0.17	53.25	91.65	16.57	1.817	61.606	8.946	0.44	53.25
2.12	0.16	53.91	91.81	16.64	1.780	61.609	8.948	0.41	53.91
2.13	0.16	54.57	91.97	16.70	1.743	61.612	8.950	0.41	54.57
2.14	0.15	55.22	92.12	16.77	1.706	61.614	8.952	0.38	55.22
2.15	0.14	55.87	92.26	16.83	1.669	61.617	8.954	0.36	55.87
2.16	0.14	56.51	92.40	16.89	1.633	61.619	8.955	0.36	56.51
2.17	0.13	57.15	92.53	16.94	1.596	61.621	8.957	0.33	57.15
2.18	0.13	57.79	92.66	17.00	1.560	61.623	8.959	0.33	57.79
2.19	0.13	58.43	92.79	17.06	1.523	61.625	8.960	0.33	58.43
2.20	0.13	59.06	92.92	17.12	1.487	61.627	8.962	0.33	59.06
2.21	0.13	59.75	93.05	17.18	1.451	61.629	8.963	0.33	59.75
2.22	0.13	60.43	93.18	17.24	1.415	61.631	8.965	0.33	60.43
2.23	0.13	61.11	93.31	17.30	1.380	61.633	8.966	0.33	61.11
2.24	0.13	61.78	93.44	17.36	1.345	61.634	8.968	0.33	61.78
2.25	0.14	62.46	93.58	17.43	1.311	61.636	8.969	0.36	62.46
2.26	0.14	63.13	93.72	17.50	1.276	61.638	8.971	0.36	63.13
2.27	0.15	63.79	93.87	17.57	1.242	61.640	8.973	0.39	63.79
2.28	0.16	64.46	94.03	17.65	1.209	61.642	8.974	0.41	64.46
2.29	0.17	65.12	94.20	17.74	1.176	61.644	8.976	0.44	65.12
2.30	0.17	65.77	94.37	17.82	1.144	61.646	8.978	0.44	65.77

2.31	0.20	65.97	94.57	17.92	1.112	61.648	8.980	0.52	65.97
2.32	0.20	66.16	94.77	18.03	1.081	61.650	8.982	0.52	66.16
2.33	0.20	66.35	94.97	18.13	1.050	61.652	8.984	0.52	66.35
2.34	0.20	66.55	95.17	18.23	1.021	61.654	8.986	0.52	66.55
2.35	0.20	66.74	95.37	18.33	0.991	61.656	8.988	0.52	66.74
2.36	0.19	66.93	95.56	18.43	0.971	61.658	8.990	0.49	66.93
2.37	0.19	67.12	95.75	18.52	0.942	61.660	8.991	0.49	67.12
2.38	0.19	67.31	95.94	18.62	0.912	61.662	8.993	0.49	67.31
2.39	0.19	67.49	96.13	18.72	0.883	61.663	8.995	0.49	67.49
2.40	0.19	67.68	96.32	18.81	0.853	61.665	8.996	0.49	67.68
2.41	0.19	67.87	96.51	18.91	0.823	61.666	8.998	0.49	67.87
2.42	0.19	68.05	96.70	19.01	0.794	61.668	8.999	0.49	68.05
2.43	0.19	68.24	96.89	19.10	0.764	61.669	9.000	0.49	68.24
2.44	0.19	68.42	97.08	19.20	0.734	61.671	9.002	0.49	68.42
2.45	0.19	68.60	97.27	19.30	0.704	61.672	9.003	0.49	68.60
2.46	0.19	70.48	97.46	19.40	0.674	61.673	9.004	0.49	70.48
2.47	0.19	72.35	97.65	19.50	0.645	61.675	9.006	0.49	72.35
2.48	0.18	74.21	97.83	19.60	0.615	61.676	9.007	0.47	74.21
2.49	0.18	76.07	98.01	19.70	0.585	61.677	9.008	0.47	76.07
2.50	0.18	77.92	98.19	19.81	0.555	61.678	9.009	0.47	77.92
2.51	0.18	79.76	98.37	19.92	0.526	61.679	9.010	0.47	79.76
2.52	0.18	81.59	98.55	20.03	0.496	61.680	9.011	0.47	81.59
2.53	0.18	83.42	98.73	20.15	0.467	61.680	9.012	0.47	83.42
2.54	0.18	85.24	98.91	20.27	0.437	61.681	9.013	0.47	85.24
2.55	0.18	87.05	99.09	20.39	0.408	61.682	9.014	0.47	87.05
2.56	0.18	88.85	99.27	20.51	0.379	61.683	9.015	0.47	88.85
2.57	0.18	90.65	99.45	20.64	0.350	61.683	9.016	0.47	90.65
2.58	0.18	92.44	99.63	20.77	0.321	61.684	9.017	0.47	92.44
2.59	0.18	94.22	99.81	20.90	0.292	61.684	9.017	0.47	94.22
2.60	0.18	96.00	99.99	21.04	0.264	61.685	9.018	0.47	96.00

		CLEAN COAL ASH %	9.02	REFUSE ASH %	40.39
HEAD ASH %	21.04	CLEAN COAL YIELD%	61.68	REFUSE YIELD%	38.32
THED. YIELD	67.29	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.681	IMPERFECTION	0.053		
NEAR GRAVITY MAT	16.409				
ORGANIC EFFCY.	91.67				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 42 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	1.10	0.44	1.10	0.44	98.537	1.084	0.440	0.04	0.44
1.25	1.17	0.87	2.27	0.66	98.499	2.236	0.662	0.04	0.87
1.26	1.24	1.30	3.51	0.89	98.461	3.457	0.887	0.05	1.30
1.27	1.30	1.72	4.81	1.11	98.423	4.737	1.112	0.05	1.72
1.28	1.37	2.14	6.18	1.34	98.385	6.085	1.340	0.05	2.14
1.29	1.43	2.55	7.61	1.57	98.347	7.491	1.567	0.06	2.55
1.30	1.48	2.96	9.09	1.79	98.309	8.946	1.794	0.06	2.96
1.31	1.54	3.37	10.63	2.02	98.271	10.459	2.022	0.06	3.37
1.32	1.59	3.79	12.22	2.25	98.232	12.021	2.251	0.07	3.79
1.33	1.63	4.21	13.85	2.48	98.194	13.622	2.482	0.07	4.21
1.34	1.68	4.62	15.53	2.71	98.156	15.271	2.712	0.08	4.62
1.35	1.72	5.04	17.25	2.95	98.117	16.958	2.944	0.08	5.04
1.36	1.76	5.45	19.01	3.18	98.078	18.685	3.176	0.08	5.45
1.37	1.79	5.85	20.80	3.41	98.039	20.439	3.405	0.09	5.85
1.38	1.83	6.26	22.63	3.64	98.000	22.233	3.635	0.09	6.26
1.39	1.86	6.66	24.49	3.87	97.871	24.053	3.864	0.10	6.66
1.40	1.88	7.06	26.37	4.10	97.585	25.888	4.091	0.11	7.06
1.41	2.14	7.33	28.51	4.34	97.177	27.967	4.332	0.15	7.33
1.42	2.54	7.61	31.05	4.61	96.680	30.423	4.596	0.21	7.61
1.43	2.83	7.88	33.88	4.88	96.128	33.144	4.866	0.27	7.88
1.44	3.00	8.16	36.88	5.15	95.557	36.010	5.128	0.33	8.16
1.45	3.04	8.43	39.92	5.40	95.000	38.898	5.373	0.37	8.43
1.46	2.97	9.27	42.89	5.66	94.445	41.703	5.635	0.40	9.27
1.47	2.78	10.10	45.67	5.93	93.796	44.311	5.898	0.42	10.10
1.48	2.46	10.93	48.13	6.19	92.959	46.598	6.145	0.42	10.93
1.49	2.03	11.75	50.16	6.41	91.842	48.462	6.361	0.40	11.75
1.50	1.48	12.57	51.64	6.59	90.351	49.799	6.527	0.35	12.57
1.51	1.11	13.48	52.75	6.74	88.056	50.777	6.661	0.32	13.48
1.52	1.01	14.37	53.76	6.88	85.857	51.644	6.791	0.35	14.37
1.53	0.91	15.27	54.67	7.02	83.441	52.403	6.914	0.37	15.27
1.54	0.83	16.15	55.50	7.16	80.849	53.074	7.030	0.39	16.15
1.55	0.75	17.04	56.25	7.29	78.118	53.660	7.140	0.40	17.04
1.56	0.68	17.89	56.93	7.41	75.267	54.172	7.241	0.41	17.89
1.57	0.62	18.75	57.55	7.54	72.126	54.619	7.336	0.42	18.75
1.58	0.57	19.59	58.12	7.65	69.253	55.014	7.423	0.43	19.59
1.59	0.52	20.44	58.64	7.77	66.379	55.359	7.505	0.43	20.44
1.60	0.49	21.27	59.13	7.88	63.506	55.670	7.581	0.44	21.27
1.61	0.48	22.13	59.61	7.99	60.632	55.961	7.657	0.46	22.13
1.62	0.49	22.97	60.10	8.12	57.759	56.244	7.734	0.50	22.97
1.63	0.50	23.82	60.60	8.25	54.885	56.519	7.812	0.55	23.82
1.64	0.49	24.65	61.09	8.38	52.011	56.774	7.888	0.57	24.65
1.65	0.48	25.49	61.57	8.51	49.138	57.009	7.961	0.60	25.49
1.66	0.47	26.36	62.04	8.65	47.126	57.231	8.032	0.61	26.36
1.67	0.45	27.24	62.49	8.78	44.253	57.430	8.099	0.61	27.24
1.68	0.42	28.11	62.91	8.91	41.379	57.604	8.159	0.60	28.11
1.69	0.38	28.97	63.29	9.03	38.506	57.750	8.212	0.57	28.97
1.70	0.34	29.83	63.63	9.14	35.632	57.871	8.257	0.53	29.83

1.71	0.32	30.44	63.95	9.25	32.759	57.976	8.297	0.52	30.44
1.72	0.32	31.05	64.27	9.36	29.885	58.072	8.334	0.55	31.05
1.73	0.31	31.66	64.58	9.46	27.011	58.156	8.368	0.55	31.66
1.74	0.31	32.26	64.89	9.57	24.138	58.230	8.399	0.57	32.26
1.75	0.31	32.86	65.20	9.68	22.222	58.299	8.428	0.59	32.86
1.76	0.31	34.05	65.51	9.80	19.641	58.360	8.454	0.61	34.05
1.77	0.30	35.22	65.81	9.91	17.266	58.412	8.478	0.61	35.22
1.78	0.30	36.40	66.11	10.03	15.106	58.457	8.500	0.62	36.40
1.79	0.29	37.56	66.40	10.15	13.169	58.495	8.519	0.61	37.56
1.80	0.29	38.72	66.69	10.28	11.464	58.529	8.536	0.63	38.72
1.81	0.29	39.69	66.98	10.41	10.000	58.558	8.551	0.64	39.69
1.82	0.29	40.61	67.27	10.54	8.761	58.583	8.565	0.65	40.61
1.83	0.28	41.45	67.55	10.66	7.718	58.605	8.577	0.63	41.45
1.84	0.28	42.19	67.83	10.79	6.857	58.624	8.588	0.64	42.19
1.85	0.28	42.81	68.11	10.93	6.166	58.641	8.598	0.64	42.81
1.86	0.27	43.36	68.38	11.05	5.631	58.656	8.608	0.62	43.36
1.87	0.27	43.90	68.65	11.18	5.240	58.671	8.616	0.62	43.90
1.88	0.26	44.44	68.91	11.31	4.980	58.683	8.624	0.60	44.44
1.89	0.26	44.97	69.17	11.44	4.788	58.696	8.632	0.60	44.97
1.90	0.25	45.50	69.42	11.56	4.573	58.707	8.639	0.58	45.50
1.91	0.24	46.06	69.66	11.68	4.358	58.718	8.645	0.56	46.06
1.92	0.22	46.61	69.88	11.79	4.143	58.727	8.651	0.51	46.61
1.93	0.21	47.17	70.09	11.89	3.930	58.735	8.657	0.49	47.17
1.94	0.20	47.71	70.29	11.99	3.721	58.743	8.662	0.47	47.71
1.95	0.19	48.26	70.48	12.09	3.516	58.749	8.666	0.45	48.26
1.96	0.19	48.80	70.67	12.19	3.319	58.756	8.671	0.45	48.80
1.97	0.18	49.34	70.85	12.29	3.129	58.761	8.674	0.43	49.34
1.98	0.17	49.88	71.02	12.38	2.948	58.766	8.678	0.40	49.88
1.99	0.17	50.42	71.19	12.47	2.778	58.771	8.681	0.40	50.42
2.00	0.16	50.95	71.35	12.55	2.620	58.775	8.684	0.38	50.95
2.01	0.16	51.47	71.51	12.64	2.476	58.779	8.687	0.38	51.47
2.02	0.15	51.98	71.66	12.72	2.347	58.783	8.690	0.36	51.98
2.03	0.15	52.50	71.81	12.81	2.235	58.786	8.692	0.36	52.50
2.04	0.15	53.01	71.96	12.89	2.141	58.789	8.695	0.36	53.01
2.05	0.15	53.52	72.11	12.97	2.066	58.792	8.697	0.36	53.52
2.06	0.15	54.02	72.26	13.06	2.012	58.795	8.699	0.36	54.02
2.07	0.15	54.53	72.41	13.14	1.964	58.798	8.702	0.36	54.53
2.08	0.16	55.03	72.57	13.24	1.927	58.801	8.704	0.38	55.03
2.09	0.16	55.53	72.73	13.33	1.891	58.804	8.707	0.38	55.53
2.10	0.16	56.02	72.89	13.42	1.854	58.807	8.709	0.38	56.02
2.11	0.16	56.41	73.05	13.52	1.817	58.810	8.711	0.38	56.41
2.12	0.14	56.79	73.19	13.60	1.780	58.813	8.713	0.34	56.79
2.13	0.12	57.17	73.31	13.67	1.743	58.815	8.715	0.29	57.17
2.14	0.11	57.55	73.42	13.74	1.706	58.817	8.717	0.26	57.55
2.15	0.09	57.93	73.51	13.79	1.669	58.818	8.718	0.22	57.93
2.16	0.08	58.30	73.59	13.84	1.633	58.820	8.719	0.19	58.30
2.17	0.08	58.67	73.67	13.89	1.596	58.821	8.720	0.19	58.67
2.18	0.07	59.05	73.74	13.93	1.560	58.822	8.721	0.17	59.05
2.19	0.07	59.42	73.81	13.97	1.523	58.823	8.722	0.17	59.42
2.20	0.06	59.79	73.87	14.01	1.487	58.824	8.723	0.14	59.79
2.21	0.06	60.58	73.93	14.05	1.451	58.825	8.724	0.14	60.58
2.22	0.07	61.38	74.00	14.09	1.415	58.826	8.724	0.17	61.38
2.23	0.07	62.17	74.07	14.14	1.380	58.827	8.725	0.17	62.17
2.24	0.08	62.96	74.15	14.19	1.345	58.828	8.726	0.19	62.96
2.25	0.09	63.74	74.24	14.25	1.311	58.829	8.727	0.22	63.74
2.26	0.10	64.52	74.34	14.32	1.276	58.830	8.729	0.24	64.52
2.27	0.11	65.30	74.45	14.40	1.242	58.832	8.730	0.27	65.30
2.28	0.12	66.07	74.57	14.48	1.209	58.833	8.731	0.29	66.07
2.29	0.14	66.84	74.71	14.58	1.176	58.835	8.733	0.34	66.84
2.30	0.16	67.61	74.87	14.69	1.144	58.837	8.735	0.39	67.61

2.31	0.89	68.28	75.76	15.32	1.112	58.846	8.745	2.15	68.28
2.32	0.89	68.94	76.65	15.94	1.081	58.856	8.755	2.15	68.94
2.33	0.88	69.60	77.53	16.55	1.050	58.865	8.764	2.12	69.60
2.34	0.88	70.25	78.41	17.15	1.021	58.874	8.774	2.13	70.25
2.35	0.87	70.90	79.28	17.74	0.991	58.883	8.783	2.10	70.90
2.36	0.87	71.55	80.15	18.33	0.971	58.891	8.792	2.10	71.55
2.37	0.87	72.20	81.02	18.91	0.942	58.900	8.801	2.10	72.20
2.38	0.86	72.84	81.88	19.47	0.912	58.907	8.809	2.08	72.84
2.39	0.86	73.49	82.74	20.03	0.883	58.915	8.817	2.08	73.49
2.40	0.86	74.13	83.60	20.59	0.853	58.922	8.826	2.08	74.13
2.41	0.85	74.76	84.45	21.14	0.823	58.929	8.833	2.06	74.76
2.42	0.85	75.40	85.30	21.68	0.794	58.936	8.841	2.06	75.40
2.43	0.85	76.03	86.15	22.21	0.764	58.943	8.848	2.06	76.03
2.44	0.84	76.66	86.99	22.74	0.734	58.949	8.855	2.03	76.66
2.45	0.84	77.28	87.83	23.26	0.704	58.955	8.862	2.03	77.28
2.46	0.84	78.56	88.67	23.78	0.674	58.960	8.869	2.04	78.56
2.47	0.83	79.84	89.50	24.30	0.645	58.966	8.876	2.01	79.84
2.48	0.83	81.12	90.33	24.83	0.615	58.971	8.882	2.01	81.12
2.49	0.83	82.38	91.16	25.35	0.585	58.976	8.888	2.01	82.38
2.50	0.82	83.65	91.98	25.87	0.555	58.980	8.894	1.99	83.65
2.51	0.82	84.90	92.80	26.39	0.526	58.984	8.899	1.99	84.90
2.52	0.82	86.16	93.62	26.92	0.496	58.989	8.904	1.99	86.16
2.53	0.81	87.40	94.43	27.43	0.467	58.992	8.910	1.97	87.40
2.54	0.81	88.65	95.24	27.95	0.437	58.996	8.914	1.97	88.65
2.55	0.81	89.88	96.05	28.48	0.408	58.999	8.919	1.97	89.88
2.56	0.80	91.12	96.85	28.99	0.379	59.002	8.923	1.94	91.12
2.57	0.80	92.34	97.65	29.51	0.350	59.005	8.927	1.94	92.34
2.58	0.80	93.57	98.45	30.03	0.321	59.008	8.931	1.95	93.57
2.59	0.79	94.79	99.24	30.55	0.292	59.010	8.934	1.92	94.79
2.60	0.79	96.00	100.03	31.07	0.264	59.012	8.937	1.92	96.00

		CLEAN COAL ASH %	8.94	REFUSE ASH %	62.93
HEAD ASH %	31.07	CLEAN COAL YIELD%	59.01	REFUSE YIELD%	40.99
THEO. YIELD	63.00	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.682	IMPERFECTION	0.053		
NEAR GRAVITY MAT	7.937				
ORGANIC EFFCY.	93.67				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN-BC DDH82006 SID: 43 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.20 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL SINK WT%	CUM. ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.33	0.05	0.33	0.05	98.537	0.325	0.050	0.01	0.05
1.25	0.40	0.08	0.73	0.07	98.499	0.719	0.066	0.02	0.08
1.26	0.48	0.12	1.21	0.09	98.461	1.192	0.088	0.02	0.12
1.27	0.56	0.15	1.77	0.11	98.423	1.743	0.107	0.02	0.16
1.28	0.65	0.18	2.42	0.13	98.385	2.382	0.127	0.03	0.18
1.29	0.74	0.22	3.16	0.15	98.347	3.110	0.149	0.03	0.22
1.30	0.84	0.25	4.00	0.17	98.309	3.936	0.170	0.04	0.25
1.31	0.95	0.29	4.95	0.19	98.271	4.870	0.193	0.05	0.29
1.32	1.05	0.73	6.00	0.29	98.232	5.901	0.287	0.05	0.73
1.33	1.17	1.58	7.17	0.50	98.194	7.050	0.498	0.06	1.58
1.34	1.28	2.43	8.45	0.79	98.156	8.306	0.790	0.07	2.43
1.35	1.41	3.27	9.86	1.15	98.117	9.690	1.144	0.07	3.27
1.36	1.53	4.10	11.39	1.54	98.078	11.190	1.540	0.08	4.10
1.37	1.67	4.93	13.06	1.98	98.039	12.828	1.973	0.09	4.93
1.38	1.80	5.75	14.86	2.43	98.000	14.592	2.430	0.10	5.75
1.39	1.94	6.56	16.80	2.91	97.871	16.490	2.905	0.12	6.56
1.40	2.09	7.37	18.89	3.40	97.585	18.590	9.397	0.14	7.37
1.41	2.33	7.78	21.22	3.88	97.177	20.794	3.874	0.18	7.78
1.42	2.61	8.18	23.83	4.35	96.680	23.317	4.340	0.24	8.18
1.43	2.81	8.57	26.64	4.80	96.128	26.019	4.779	0.30	8.57
1.44	2.95	8.97	29.59	5.21	95.557	28.838	5.189	0.37	8.97
1.45	3.03	9.36	32.62	5.60	95.000	31.716	5.567	0.42	9.36
1.46	3.03	10.21	35.65	5.99	94.445	34.578	5.952	0.47	10.21
1.47	2.96	11.05	38.61	6.38	93.796	37.354	6.330	0.51	11.05
1.48	2.83	11.89	41.44	6.76	92.959	39.985	6.696	0.56	11.89
1.49	2.63	12.72	44.07	7.11	91.842	42.400	7.039	0.60	12.72
1.50	2.35	13.54	46.42	7.44	90.351	44.524	7.349	0.63	13.54
1.51	2.20	14.28	48.62	7.75	88.056	46.461	7.638	0.73	14.28
1.52	2.18	15.02	50.80	8.06	85.857	48.332	7.924	0.86	15.02
1.53	2.15	15.74	52.95	8.37	83.441	50.126	8.204	0.99	15.74
1.54	2.08	16.47	55.03	8.68	80.849	51.808	8.472	1.11	16.47
1.55	1.99	17.19	57.02	8.97	78.118	53.363	8.726	1.22	17.19
1.56	1.88	18.05	58.90	9.26	75.287	54.778	8.967	1.30	18.05
1.57	1.74	18.90	60.64	9.54	72.126	56.033	9.190	1.35	18.90
1.58	1.58	19.75	62.22	9.80	69.253	57.127	9.392	1.36	19.75
1.59	1.40	20.59	63.62	10.04	66.379	58.056	9.571	1.31	20.59
1.60	1.18	21.43	64.80	10.24	63.506	58.806	9.722	1.20	21.43
1.61	1.04	22.30	65.84	10.43	60.632	59.436	9.856	1.14	22.30
1.62	0.99	23.17	66.83	10.62	57.759	60.008	9.983	1.17	23.17
1.63	0.93	24.03	67.76	10.81	54.885	60.519	10.101	1.17	24.03
1.64	0.88	24.88	68.64	10.99	52.011	60.976	10.212	1.18	24.88
1.65	0.82	25.73	69.46	11.16	49.138	61.379	10.314	1.16	25.73
1.66	0.76	26.40	70.22	11.33	47.126	61.737	10.407	1.12	26.40
1.67	0.70	27.06	70.92	11.48	44.253	62.047	10.490	1.09	27.06
1.68	0.64	27.73	71.56	11.63	41.379	62.312	10.564	1.05	27.73
1.69	0.58	28.38	72.14	11.76	38.506	62.535	10.627	1.00	28.38
1.70	0.52	29.04	72.66	11.89	35.632	62.721	10.682	0.93	29.04

1.71	0.49	29.70	73.15	12.00	32.759	62.881	10.730	0.92	29.70
1.72	0.49	30.35	73.64	12.13	29.885	63.028	10.776	0.96	30.35
1.73	0.49	31.00	74.13	12.25	27.011	63.160	10.818	1.00	31.00
1.74	0.49	31.65	74.62	12.38	24.138	63.278	10.857	1.04	31.65
1.75	0.47	32.30	75.09	12.50	22.222	63.383	10.892	1.02	32.30
1.76	0.46	33.11	75.55	12.63	19.641	63.473	10.924	1.03	33.11
1.77	0.44	33.92	75.99	12.75	17.266	63.549	10.952	1.02	33.92
1.78	0.41	34.73	76.40	12.87	15.106	63.611	10.975	0.97	34.73
1.79	0.38	35.53	76.78	12.98	13.169	63.661	10.994	0.92	35.53
1.80	0.34	36.32	77.12	13.09	11.464	63.700	11.010	0.84	36.32
1.81	0.32	37.05	77.44	13.18	10.000	63.732	11.023	0.80	37.05
1.82	0.32	37.78	77.76	13.29	8.761	63.760	11.034	0.81	37.78
1.83	0.32	38.50	78.08	13.39	7.718	63.785	11.045	0.82	38.50
1.84	0.31	39.22	78.39	13.49	6.857	63.806	11.054	0.81	39.22
1.85	0.31	39.93	78.70	13.60	6.166	63.825	11.063	0.81	39.93
1.86	0.30	40.54	79.00	13.70	5.631	63.842	11.071	0.79	40.54
1.87	0.30	41.14	79.30	13.80	5.240	63.858	11.078	0.79	41.14
1.88	0.29	41.73	79.59	13.90	4.980	63.872	11.085	0.77	41.73
1.89	0.29	42.33	79.88	14.01	4.788	63.886	11.092	0.77	42.33
1.90	0.28	42.92	80.16	14.11	4.573	63.899	11.098	0.75	42.92
1.91	0.28	43.29	80.44	14.21	4.358	63.911	11.104	0.75	43.29
1.92	0.27	43.65	80.71	14.31	4.143	63.922	11.110	0.72	43.65
1.93	0.27	44.02	80.98	14.41	3.930	63.933	11.116	0.72	44.02
1.94	0.27	44.38	81.25	14.51	3.721	63.943	11.121	0.73	44.38
1.95	0.27	44.74	81.52	14.61	3.516	63.952	11.126	0.73	44.74
1.96	0.26	45.10	81.78	14.70	3.319	63.961	11.130	0.70	45.10
1.97	0.26	45.46	82.04	14.80	3.129	63.969	11.135	0.70	45.46
1.98	0.26	45.82	82.30	14.90	2.948	63.977	11.139	0.70	45.82
1.99	0.26	46.17	82.56	15.00	2.778	63.984	11.143	0.71	46.17
2.00	0.26	46.52	82.82	15.10	2.620	63.991	11.147	0.71	46.52
2.01	0.25	47.44	83.07	15.19	2.476	63.997	11.150	0.68	47.44
2.02	0.25	48.35	83.32	15.29	2.347	64.003	11.154	0.68	48.35
2.03	0.25	49.26	83.57	15.39	2.235	64.008	11.157	0.68	49.26
2.04	0.25	50.17	83.82	15.50	2.141	64.014	11.160	0.68	50.17
2.05	0.25	51.07	84.07	15.60	2.066	64.019	11.163	0.68	51.07
2.06	0.24	51.96	84.31	15.71	2.012	64.024	11.166	0.66	51.96
2.07	0.24	52.86	84.55	15.81	1.964	64.029	11.169	0.66	52.86
2.08	0.24	53.74	84.79	15.92	1.927	64.033	11.173	0.66	53.74
2.09	0.24	54.63	85.03	16.03	1.891	64.038	11.176	0.66	54.63
2.10	0.24	55.50	85.27	16.14	1.854	64.042	11.179	0.66	55.50
2.11	0.22	56.28	85.49	16.24	1.817	64.046	11.182	0.60	56.28
2.12	0.20	57.05	85.69	16.34	1.780	64.050	11.184	0.55	57.05
2.13	0.18	57.81	85.87	16.43	1.743	64.053	11.186	0.49	57.81
2.14	0.16	58.58	86.03	16.50	1.706	64.056	11.188	0.44	58.58
2.15	0.14	59.33	86.17	16.57	1.669	64.058	11.190	0.38	59.33
2.16	0.13	60.09	86.30	16.64	1.633	64.060	11.192	0.36	60.09
2.17	0.12	60.84	86.42	16.70	1.596	64.062	11.193	0.33	60.84
2.18	0.11	61.59	86.53	16.76	1.560	64.064	11.195	0.30	61.59
2.19	0.10	62.34	86.63	16.81	1.523	64.065	11.196	0.27	62.34
2.20	0.10	63.08	86.73	16.86	1.487	64.067	11.197	0.27	63.08
2.21	0.10	63.79	86.83	16.92	1.451	64.068	11.198	0.28	63.79
2.22	0.10	64.49	86.93	16.97	1.415	64.070	11.199	0.28	64.49
2.23	0.10	65.20	87.03	17.03	1.380	64.071	11.201	0.28	65.20
2.24	0.11	65.90	87.14	17.09	1.345	64.072	11.202	0.30	65.90
2.25	0.12	66.59	87.26	17.16	1.311	64.074	11.203	0.33	66.59
2.26	0.13	67.29	87.39	17.23	1.276	64.076	11.205	0.36	67.29
2.27	0.15	67.98	87.54	17.32	1.242	64.077	11.206	0.41	67.98
2.28	0.16	68.67	87.70	17.41	1.209	64.079	11.208	0.44	68.67
2.29	0.18	69.35	87.88	17.52	1.176	64.082	11.210	0.50	69.35
2.30	0.21	70.03	88.09	17.64	1.144	64.084	11.212	0.58	70.03

2.31	0.42	70.53	88.51	17.90	1.112	64.089	11.216	1.16	70.53
2.32	0.42	71.03	88.93	18.15	1.081	64.093	11.221	1.16	71.03
2.33	0.42	71.52	89.35	18.40	1.050	64.098	11.225	1.16	71.52
2.34	0.42	72.01	89.77	18.65	1.021	64.102	11.229	1.16	72.01
2.35	0.41	72.50	90.18	18.89	0.991	64.106	11.233	1.13	72.50
2.36	0.41	72.99	90.59	19.14	0.971	64.110	11.237	1.13	72.99
2.37	0.41	73.47	91.00	19.38	0.942	64.114	11.240	1.13	73.47
2.38	0.41	73.95	91.41	19.63	0.912	64.118	11.244	1.13	73.95
2.39	0.41	74.43	91.82	19.87	0.883	64.121	11.248	1.13	74.43
2.40	0.41	74.91	92.23	20.12	0.853	64.125	11.251	1.13	74.91
2.41	0.40	75.39	92.63	20.36	0.823	64.128	11.254	1.11	75.39
2.42	0.40	75.86	93.03	20.59	0.794	64.131	11.258	1.11	75.86
2.43	0.40	76.34	93.43	20.83	0.764	64.134	11.261	1.11	76.34
2.44	0.40	76.81	93.83	21.07	0.734	64.137	11.264	1.11	76.81
2.45	0.40	77.28	94.23	21.31	0.704	64.140	11.266	1.11	77.28
2.46	0.40	78.56	94.63	21.55	0.674	64.143	11.269	1.11	78.56
2.47	0.39	79.84	95.02	21.79	0.645	64.145	11.272	1.08	79.84
2.48	0.39	81.11	95.41	22.03	0.615	64.148	11.275	1.08	81.11
2.49	0.39	82.38	95.80	22.28	0.585	64.150	11.277	1.08	82.38
2.50	0.39	83.64	96.19	22.53	0.555	64.152	11.280	1.08	83.64
2.51	0.39	84.90	96.58	22.78	0.526	64.154	11.282	1.08	84.90
2.52	0.39	86.15	96.97	23.04	0.496	64.156	11.284	1.08	86.15
2.53	0.39	87.40	97.36	23.29	0.467	64.158	11.286	1.08	87.40
2.54	0.38	88.64	97.74	23.55	0.437	64.159	11.288	1.06	88.64
2.55	0.38	89.88	98.12	23.80	0.408	64.161	11.290	1.06	89.88
2.56	0.38	91.11	98.50	24.06	0.379	64.162	11.292	1.06	91.11
2.57	0.38	92.34	98.88	24.33	0.350	64.164	11.294	1.06	92.34
2.58	0.38	93.57	99.26	24.59	0.321	64.165	11.295	1.06	93.57
2.59	0.38	94.79	99.64	24.86	0.292	64.166	11.297	1.06	94.79
2.60	0.37	96.00	100.01	25.12	0.264	64.167	11.298	1.03	96.00

		CLEAN COAL ASH %	11.30	REFUSE ASH %	49.88
HEAD ASH %	25.12	CLEAN COAL YIELD%	64.17	REFUSE YIELD%	35.83
THEO. YIELD	70.09	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.658	IMPERFECTION	0.053		
NEAR GRAVITY MAT	16.897				
ORGANIC EFFCY.	91.55				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 31 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.59 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.01	0.07	0.01	0.07	98.537	0.010	0.070	0.00	0.07
1.25	0.01	0.13	0.02	0.10	98.499	0.020	0.100	0.00	0.13
1.26	0.01	0.20	0.03	0.13	98.461	0.030	0.133	0.00	0.20
1.27	0.01	0.26	0.04	0.16	98.423	0.039	0.165	0.00	0.26
1.28	0.01	0.32	0.05	0.20	98.385	0.049	0.196	0.00	0.32
1.29	0.01	0.38	0.06	0.23	98.347	0.059	0.227	0.00	0.38
1.30	0.01	0.44	0.07	0.26	98.309	0.069	0.257	0.00	0.44
1.31	0.01	0.50	0.08	0.29	98.271	0.079	0.287	0.00	0.50
1.32	0.01	0.71	0.09	0.33	98.232	0.089	0.334	0.00	0.71
1.33	0.01	1.06	0.10	0.41	98.194	0.098	0.407	0.00	1.06
1.34	0.01	1.42	0.11	0.50	98.156	0.108	0.499	0.00	1.42
1.35	0.01	1.77	0.12	0.60	98.117	0.118	0.604	0.00	1.77
1.36	0.01	2.13	0.13	0.72	98.078	0.128	0.721	0.00	2.13
1.37	0.01	2.47	0.14	0.85	98.039	0.138	0.846	0.00	2.47
1.38	0.01	2.82	0.15	0.98	98.000	0.147	0.977	0.00	2.82
1.39	0.01	3.16	0.16	1.11	97.871	0.157	1.113	0.00	3.16
1.40	0.01	3.50	0.17	1.26	97.585	0.167	1.253	0.00	3.50
1.41	2.49	3.79	2.66	3.63	97.177	2.587	3.626	0.13	3.79
1.42	3.24	4.08	5.90	3.88	96.680	5.719	3.875	0.20	4.08
1.43	3.79	4.36	9.69	4.07	96.128	9.362	4.064	0.27	4.36
1.44	4.14	4.64	13.83	4.24	95.557	13.318	4.235	0.34	4.64
1.45	4.28	4.92	18.11	4.40	95.000	17.384	4.395	0.39	4.92
1.46	4.22	6.18	22.33	4.74	94.445	21.370	4.728	0.43	6.18
1.47	3.95	7.43	26.28	5.14	93.796	25.075	5.127	0.45	7.43
1.48	3.49	8.67	29.77	5.55	92.959	28.319	5.533	0.45	8.67
1.49	2.82	9.90	32.59	5.93	91.842	30.909	5.899	0.42	9.90
1.50	1.94	11.12	34.53	6.22	90.351	32.682	6.179	0.34	11.12
1.51	1.42	12.32	35.95	6.46	88.056	33.912	6.406	0.31	12.32
1.52	1.38	13.52	37.33	6.72	85.857	35.097	6.646	0.36	13.52
1.53	1.33	14.70	38.66	7.00	83.441	36.207	6.893	0.40	14.70
1.54	1.27	15.88	39.93	7.28	80.849	37.234	7.140	0.45	15.88
1.55	1.20	17.04	41.13	7.57	78.118	38.171	7.384	0.48	17.04
1.56	1.11	17.71	42.24	7.83	75.287	39.007	7.605	0.60	17.71
1.57	1.02	18.37	43.26	8.08	72.126	39.743	7.804	0.52	18.37
1.58	0.91	19.03	44.17	8.31	69.253	40.373	7.979	0.51	19.03
1.59	0.79	19.68	44.96	8.51	66.379	40.897	8.129	0.49	19.68
1.60	0.65	20.33	45.61	8.67	63.506	41.310	8.251	0.43	20.33
1.61	0.59	21.03	46.20	8.83	60.632	41.668	8.361	0.43	21.03
1.62	0.60	21.73	46.80	9.00	57.759	42.014	8.471	0.46	21.73
1.63	0.60	22.42	47.40	9.17	54.885	42.343	8.580	0.50	22.42
1.64	0.59	23.10	47.99	9.34	52.011	42.650	8.684	0.52	23.10
1.65	0.58	23.78	48.57	9.51	49.138	42.935	8.784	0.54	23.78
1.66	0.56	24.78	49.13	9.69	47.126	43.199	8.882	0.54	24.78
1.67	0.54	25.78	49.67	9.86	44.253	43.438	8.975	0.55	25.78
1.68	0.51	26.77	50.18	10.03	41.379	43.649	9.061	0.55	26.77
1.69	0.47	27.75	50.65	10.20	38.506	43.830	9.138	0.53	27.75
1.70	0.43	28.73	51.08	10.35	35.632	43.983	9.207	0.51	28.73

1.71	0.40	29.18	51.48	10.50	32.759	44.114	9.266	0.49	29.18
1.72	0.40	29.63	51.88	10.65	29.885	44.234	9.321	0.51	29.63
1.73	0.40	30.08	52.28	10.79	27.011	44.342	9.372	0.53	30.08
1.74	0.40	30.52	52.68	10.94	24.138	44.439	9.417	0.56	30.52
1.75	0.39	30.96	53.07	11.09	22.222	44.525	9.459	0.56	30.96
1.76	0.38	33.13	53.45	11.25	19.641	44.600	9.499	0.56	33.13
1.77	0.37	35.29	53.82	11.41	17.266	44.664	9.536	0.56	35.29
1.78	0.36	37.43	54.18	11.59	15.106	44.718	9.570	0.56	37.43
1.79	0.35	39.56	54.53	11.77	13.169	44.764	9.601	0.56	39.56
1.80	0.34	41.68	54.87	11.95	11.464	44.803	9.629	0.55	41.68
1.81	0.33	43.54	55.20	12.14	10.000	44.836	9.654	0.54	43.54
1.82	0.33	45.40	55.53	12.34	8.761	44.865	9.677	0.55	45.40
1.83	0.33	47.24	55.86	12.54	7.718	44.891	9.698	0.56	47.24
1.84	0.32	49.08	56.18	12.75	6.857	44.913	9.717	0.55	49.08
1.85	0.31	50.90	56.49	12.96	6.166	44.932	9.735	0.53	50.90
1.86	0.29	50.96	56.78	13.16	5.631	44.948	9.750	0.50	50.96
1.87	0.28	51.01	57.06	13.34	5.240	44.963	9.763	0.49	51.01
1.88	0.26	51.07	57.32	13.51	4.980	44.976	9.775	0.45	51.07
1.89	0.23	51.12	57.55	13.66	4.788	44.987	9.785	0.40	51.12
1.90	0.20	51.18	57.75	13.79	4.573	44.996	9.794	0.35	51.18
1.91	0.19	51.51	57.94	13.92	4.358	45.004	9.801	0.33	51.51
1.92	0.18	51.84	58.12	14.03	4.143	45.012	9.808	0.32	51.84
1.93	0.17	52.17	58.29	14.15	3.930	45.018	9.815	0.30	52.17
1.94	0.17	52.49	58.46	14.26	3.721	45.025	9.821	0.30	52.49
1.95	0.16	52.82	58.62	14.36	3.516	45.030	9.826	0.28	52.82
1.96	0.15	53.14	58.77	14.46	3.319	45.035	9.831	0.27	53.14
1.97	0.15	53.47	58.92	14.56	3.129	45.040	9.835	0.27	53.47
1.98	0.15	53.79	59.07	14.66	2.948	45.044	9.840	0.27	53.79
1.99	0.14	54.11	59.21	14.75	2.778	45.048	9.843	0.25	54.11
2.00	0.14	54.42	59.35	14.85	2.620	45.052	9.847	0.25	54.42
2.01	0.14	54.94	59.49	14.94	2.476	45.055	9.851	0.25	54.94
2.02	0.14	55.45	59.63	15.04	2.347	45.059	9.854	0.25	55.45
2.03	0.13	55.96	59.76	15.13	2.235	45.061	9.857	0.23	55.96
2.04	0.13	56.47	59.89	15.21	2.141	45.064	9.860	0.23	56.47
2.05	0.13	56.98	60.02	15.31	2.066	45.067	9.863	0.23	56.98
2.06	0.13	57.48	60.15	15.40	2.012	45.070	9.865	0.23	57.48
2.07	0.14	57.98	60.29	15.50	1.964	45.072	9.868	0.25	57.98
2.08	0.14	58.48	60.43	15.59	1.927	45.075	9.871	0.25	58.48
2.09	0.14	58.98	60.57	15.70	1.891	45.078	9.874	0.25	58.98
2.10	0.14	59.47	60.71	15.80	1.854	45.080	9.877	0.25	59.47
2.11	0.14	59.87	60.85	15.90	1.817	45.083	9.880	0.25	59.87
2.12	0.13	60.27	60.98	15.99	1.780	45.085	9.882	0.23	60.27
2.13	0.12	60.66	61.10	16.08	1.743	45.087	9.885	0.22	60.66
2.14	0.11	61.05	61.21	16.16	1.706	45.089	9.887	0.20	61.05
2.15	0.11	61.44	61.32	16.24	1.669	45.091	9.889	0.20	61.44
2.16	0.10	61.83	61.42	16.32	1.633	45.093	9.891	0.18	61.83
2.17	0.10	62.22	61.52	16.39	1.596	45.094	9.893	0.18	62.22
2.18	0.09	62.60	61.61	16.46	1.560	45.096	9.894	0.16	62.60
2.19	0.09	62.99	61.70	16.53	1.523	45.097	9.896	0.16	62.99
2.20	0.09	63.37	61.79	16.59	1.487	45.098	9.897	0.16	63.37
2.21	0.09	64.30	61.88	16.66	1.451	45.100	9.899	0.16	64.30
2.22	0.09	65.24	61.97	16.73	1.415	45.101	9.901	0.16	65.24
2.23	0.09	66.17	62.06	16.81	1.380	45.102	9.902	0.16	66.17
2.24	0.10	67.09	62.16	16.89	1.345	45.103	9.904	0.18	67.09
2.25	0.10	68.01	62.26	16.97	1.311	45.105	9.906	0.18	68.01
2.26	0.11	68.93	62.37	17.06	1.276	45.106	9.907	0.20	68.93
2.27	0.11	69.84	62.48	17.15	1.242	45.108	9.909	0.20	69.84
2.28	0.12	70.75	62.60	17.26	1.209	45.109	9.911	0.22	70.75
2.29	0.13	71.65	62.73	17.37	1.176	45.110	9.913	0.24	71.65
2.30	0.14	72.55	62.87	17.49	1.144	45.112	9.916	0.25	72.55

2.31	1.31	73.32	64.18	18.63	1.112	45.127	9.936	2.37	73.32
2.32	1.31	74.08	65.49	19.74	1.081	45.141	9.956	2.37	74.08
2.33	1.30	74.84	66.79	20.81	1.050	45.154	9.976	2.35	74.84
2.34	1.30	75.60	68.09	21.86	1.021	45.168	9.995	2.36	75.60
2.35	1.29	76.35	69.38	22.87	0.991	45.181	10.014	2.34	76.35
2.36	1.28	77.10	70.66	23.85	0.971	45.193	10.032	2.32	77.10
2.37	1.28	77.85	71.94	24.82	0.942	45.205	10.050	2.32	77.85
2.38	1.27	78.59	73.21	25.75	0.912	45.217	10.068	2.30	78.59
2.39	1.27	79.33	74.48	26.66	0.883	45.228	10.085	2.30	79.33
2.40	1.26	80.07	75.74	27.55	0.853	45.239	10.102	2.29	80.07
2.41	1.26	80.80	77.00	28.42	0.823	45.249	10.118	2.29	80.80
2.42	1.25	81.54	78.25	29.27	0.794	45.259	10.134	2.27	81.54
2.43	1.25	82.26	79.50	30.10	0.764	45.268	10.149	2.27	82.26
2.44	1.24	82.99	80.74	30.92	0.734	45.278	10.164	2.25	82.99
2.45	1.24	83.71	81.98	31.71	0.704	45.286	10.178	2.25	83.71
2.46	1.23	84.55	83.21	32.49	0.674	45.295	10.191	2.24	84.55
2.47	1.23	85.39	84.44	33.27	0.645	45.302	10.204	2.24	85.39
2.48	1.22	86.23	85.66	34.02	0.615	45.310	10.217	2.22	86.23
2.49	1.22	87.06	86.88	34.76	0.585	45.317	10.229	2.22	87.06
2.50	1.21	87.89	88.09	35.49	0.555	45.324	10.241	2.20	87.89
2.51	1.21	88.71	89.30	36.22	0.526	45.330	10.252	2.20	88.71
2.52	1.20	89.54	90.50	36.92	0.496	45.336	10.262	2.19	89.54
2.53	1.20	90.36	91.70	37.62	0.467	45.342	10.272	2.19	90.36
2.54	1.19	91.17	92.89	38.31	0.437	45.347	10.281	2.17	91.17
2.55	1.19	91.98	94.08	38.99	0.408	45.352	10.290	2.17	91.98
2.56	1.18	92.79	95.26	39.65	0.379	45.356	10.298	2.15	92.79
2.57	1.18	93.60	96.44	40.31	0.350	45.360	10.306	2.15	93.60
2.58	1.17	94.40	97.61	40.96	0.321	45.364	10.313	2.13	94.40
2.59	1.17	95.20	98.78	41.60	0.292	45.368	10.319	2.14	95.20
2.60	1.17	96.00	99.95	42.24	0.264	45.371	10.325	2.14	96.00

		CLEAN COAL ASH %	10.32	REFUSE ASH %	68.75
HEAD ASH %	42.24	CLEAN COAL YIELD%	45.37	REFUSE YIELD%	54.63
THEO. YIELD	51.00	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.698	IMPERFECTION	0.053		
NEAR GRAVITY MAT	9.314				
ORGANIC EFFCY.	88.95				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 32 WID: WA1* EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 7.62 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.45	0.15	0.45	0.15	98.537	0.443	0.150	0.02	0.15
1.25	0.44	0.29	0.89	0.22	98.499	0.877	0.219	0.02	0.29
1.26	0.44	0.42	1.33	0.29	98.461	1.310	0.286	0.02	0.42
1.27	0.44	0.56	1.77	0.35	98.423	1.743	0.354	0.02	0.56
1.28	0.43	0.70	2.20	0.42	98.385	2.166	0.421	0.02	0.70
1.29	0.43	0.83	2.63	0.49	98.347	2.589	0.488	0.02	0.83
1.30	0.43	0.96	3.06	0.55	98.309	3.012	0.554	0.02	0.96
1.31	0.42	1.09	3.48	0.62	98.271	3.425	0.619	0.02	1.09
1.32	0.42	1.38	3.90	0.70	98.232	3.837	0.701	0.02	1.38
1.33	0.42	1.83	4.32	0.81	98.194	4.250	0.810	0.02	1.83
1.34	0.41	2.27	4.73	0.94	98.156	4.652	0.937	0.02	2.27
1.35	0.41	2.70	5.14	1.08	98.117	5.054	1.077	0.02	2.70
1.36	0.41	3.14	5.55	1.23	98.078	5.456	1.229	0.02	3.14
1.37	0.40	3.57	5.95	1.39	98.039	5.849	1.386	0.02	3.57
1.38	0.40	3.99	6.35	1.55	98.000	6.240	1.550	0.02	3.99
1.39	0.40	4.42	6.75	1.72	97.871	6.632	1.719	0.03	4.42
1.40	0.40	4.84	7.15	1.90	97.585	7.022	1.892	0.03	4.84
1.41	3.33	5.07	10.48	2.90	97.177	10.258	2.895	0.28	5.07
1.42	4.18	5.30	14.66	3.59	96.680	14.300	3.575	0.41	5.30
1.43	4.80	5.52	19.46	4.06	96.128	18.914	4.049	0.55	5.52
1.44	5.20	5.75	24.66	4.42	95.557	23.883	4.403	0.68	5.75
1.45	5.38	5.97	30.04	4.70	95.000	28.994	4.679	0.79	5.97
1.46	5.34	7.24	35.38	5.08	94.445	34.037	5.059	0.88	7.24
1.47	5.07	8.50	40.45	5.51	93.796	38.792	5.481	0.93	8.50
1.48	4.58	9.74	45.03	5.94	92.959	43.050	5.902	0.95	9.74
1.49	3.87	10.98	48.90	6.34	91.842	46.604	6.289	0.93	10.98
1.50	2.93	12.22	51.83	6.67	90.351	49.252	6.608	0.83	12.22
1.51	2.37	13.51	54.20	6.97	88.056	51.339	6.888	0.84	13.51
1.52	2.32	14.79	56.52	7.29	85.857	53.330	7.184	0.97	14.79
1.53	2.23	16.06	58.75	7.62	83.441	55.191	7.483	1.09	16.06
1.54	2.11	17.33	60.86	7.96	80.849	56.897	7.778	1.19	17.33
1.55	1.96	18.58	62.82	8.29	78.118	58.428	8.061	1.27	18.58
1.56	1.77	18.88	64.59	8.58	75.287	59.761	8.302	1.29	18.88
1.57	1.55	19.18	66.14	8.83	72.126	60.879	8.502	1.28	19.18
1.58	1.30	19.47	67.44	9.04	69.259	61.779	8.662	1.18	19.47
1.59	1.02	19.76	68.46	9.20	66.379	62.456	8.782	1.01	19.76
1.60	0.71	20.05	69.17	9.31	63.506	62.907	8.863	0.76	20.05
1.61	0.54	20.57	69.71	9.39	60.632	63.234	8.924	0.63	20.57
1.62	0.53	21.08	70.24	9.48	57.759	63.540	8.982	0.66	21.08
1.63	0.52	21.59	70.76	9.57	54.885	63.826	9.039	0.69	21.59
1.64	0.51	22.10	71.27	9.66	52.011	64.091	9.093	0.72	22.10
1.65	0.49	22.61	71.76	9.75	49.138	64.332	9.143	0.74	22.61
1.66	0.47	23.44	72.23	9.84	47.126	64.553	9.192	0.73	23.44
1.67	0.44	24.27	72.67	9.93	44.253	64.748	9.238	0.72	24.27
1.68	0.40	25.09	73.07	10.01	41.379	64.914	9.278	0.69	25.09
1.69	0.36	25.91	73.43	10.09	38.506	65.052	9.314	0.65	25.91
1.70	0.32	26.72	73.75	10.16	35.632	65.166	9.344	0.61	26.72

1.71	0.30	27.44	74.05	10.23	32.759	65.265	9.371	0.60	27.44
1.72	0.30	28.15	74.35	10.30	29.885	65.354	9.397	0.62	28.15
1.73	0.30	28.86	74.65	10.38	27.011	65.435	9.421	0.65	28.86
1.74	0.29	29.57	74.94	10.45	24.138	65.505	9.443	0.65	29.57
1.75	0.29	30.27	75.23	10.53	22.222	65.570	9.463	0.67	30.27
1.76	0.28	30.97	75.51	10.60	19.641	65.625	9.481	0.66	30.97
1.77	0.27	31.67	75.78	10.68	17.266	65.671	9.497	0.66	31.67
1.78	0.26	32.37	76.04	10.75	15.106	65.711	9.511	0.65	32.37
1.79	0.24	33.07	76.28	10.82	13.169	65.742	9.522	0.62	33.07
1.80	0.22	33.75	76.50	10.89	11.464	65.767	9.531	0.58	33.75
1.81	0.20	34.13	76.70	10.95	10.000	65.787	9.539	0.53	34.13
1.82	0.19	34.51	76.89	11.01	8.761	65.804	9.545	0.51	34.51
1.83	0.17	34.88	77.06	11.06	7.718	65.817	9.550	0.46	34.88
1.84	0.16	35.25	77.22	11.11	6.857	65.828	9.554	0.44	35.25
1.85	0.14	35.62	77.36	11.15	6.166	65.837	9.558	0.39	35.62
1.86	0.13	35.98	77.49	11.20	5.631	65.844	9.561	0.36	35.98
1.87	0.12	36.35	77.61	11.23	5.240	65.850	9.563	0.34	36.35
1.88	0.11	36.71	77.72	11.27	4.980	65.856	9.566	0.31	36.71
1.89	0.10	37.07	77.82	11.30	4.788	65.861	9.568	0.28	37.07
1.90	0.10	37.43	77.92	11.34	4.573	65.865	9.570	0.28	37.43
1.91	0.09	37.79	78.01	11.37	4.358	65.869	9.571	0.25	37.79
1.92	0.09	38.14	78.10	11.40	4.143	65.873	9.573	0.25	38.14
1.93	0.08	38.49	78.18	11.43	3.930	65.876	9.574	0.23	38.49
1.94	0.08	38.84	78.26	11.45	3.721	65.879	9.576	0.23	38.84
1.95	0.08	39.19	78.34	11.48	3.516	65.882	9.577	0.23	39.19
1.96	0.08	40.39	78.42	11.51	3.319	65.884	9.578	0.23	40.39
1.97	0.08	41.58	78.50	11.54	3.129	65.887	9.579	0.23	41.58
1.98	0.08	42.76	78.58	11.57	2.948	65.889	9.580	0.23	42.76
1.99	0.09	43.94	78.67	11.61	2.778	65.892	9.582	0.26	43.94
2.00	0.09	45.11	78.76	11.65	2.620	65.894	9.583	0.26	45.11
2.01	0.10	46.28	78.86	11.69	2.476	65.897	9.584	0.29	46.28
2.02	0.11	47.44	78.97	11.74	2.347	65.899	9.586	0.32	47.44
2.03	0.12	48.60	79.09	11.80	2.235	65.902	9.587	0.35	48.60
2.04	0.13	49.74	79.22	11.86	2.141	65.905	9.589	0.38	49.74
2.05	0.14	50.89	79.36	11.93	2.066	65.908	9.591	0.40	50.89
2.06	0.15	52.03	79.51	12.01	2.012	65.911	9.593	0.43	52.03
2.07	0.16	53.16	79.67	12.09	1.964	65.914	9.595	0.46	53.16
2.08	0.18	54.28	79.85	12.18	1.927	65.917	9.597	0.52	54.28
2.09	0.19	55.41	80.04	12.29	1.891	65.921	9.600	0.55	55.41
2.10	0.21	56.52	80.25	12.40	1.854	65.925	9.603	0.61	56.52
2.11	0.44	57.74	80.69	12.65	1.817	65.933	9.608	1.28	57.74
2.12	0.44	58.95	81.13	12.90	1.780	65.941	9.614	1.28	58.95
2.13	0.44	60.16	81.57	13.16	1.743	65.948	9.620	1.28	60.16
2.14	0.43	61.36	82.00	13.41	1.706	65.956	9.626	1.25	61.36
2.15	0.43	62.55	82.43	13.66	1.669	65.963	9.632	1.25	62.55
2.16	0.43	63.74	82.86	13.92	1.633	65.970	9.638	1.25	63.74
2.17	0.43	64.92	83.29	14.19	1.596	65.977	9.643	1.25	64.92
2.18	0.43	66.10	83.72	14.45	1.560	65.983	9.649	1.25	66.10
2.19	0.42	67.27	84.14	14.72	1.523	65.990	9.655	1.22	67.27
2.20	0.42	68.44	84.56	14.98	1.487	65.996	9.660	1.22	68.44
2.21	0.42	69.60	84.98	15.25	1.451	66.002	9.666	1.22	69.60
2.22	0.42	70.76	85.40	15.53	1.415	66.008	9.671	1.22	70.76
2.23	0.42	71.91	85.82	15.80	1.380	66.014	9.677	1.22	71.91
2.24	0.41	73.05	86.23	16.08	1.345	66.019	9.682	1.19	73.05
2.25	0.41	74.19	86.64	16.35	1.311	66.025	9.687	1.19	74.19
2.26	0.41	75.33	87.05	16.63	1.276	66.030	9.692	1.20	75.33
2.27	0.41	76.46	87.46	16.91	1.242	66.035	9.698	1.20	76.46
2.28	0.41	77.59	87.87	17.19	1.209	66.040	9.703	1.20	77.59
2.29	0.40	78.71	88.27	17.47	1.176	66.045	9.708	1.17	78.71
2.30	0.40	79.82	88.67	17.75	1.144	66.049	9.712	1.17	79.82

2.31	0.40	80.93	89.07	18.04	1.112	66.054	9.717	1.17	80.93
2.32	0.40	82.04	89.47	18.32	1.081	66.058	9.722	1.17	82.04
2.33	0.40	83.14	89.87	18.61	1.050	66.062	9.727	1.17	83.14
2.34	0.40	84.24	90.27	18.90	1.021	66.066	9.731	1.17	84.24
2.35	0.39	85.33	90.66	19.19	0.991	66.070	9.736	1.14	85.33
2.36	0.39	85.78	91.05	19.47	0.971	66.074	9.740	1.14	85.78
2.37	0.39	86.23	91.44	19.76	0.942	66.078	9.744	1.14	86.23
2.38	0.39	86.67	91.83	20.04	0.912	66.081	9.748	1.14	86.67
2.39	0.39	87.11	92.22	20.32	0.883	66.085	9.752	1.14	87.11
2.40	0.39	87.55	92.61	20.61	0.853	66.088	9.756	1.14	87.55
2.41	0.38	87.99	92.99	20.88	0.823	66.091	9.760	1.11	87.99
2.42	0.38	88.43	93.37	21.16	0.794	66.094	9.764	1.11	88.43
2.43	0.38	88.86	93.75	21.43	0.764	66.097	9.767	1.11	88.86
2.44	0.38	89.30	94.13	21.71	0.734	66.100	9.771	1.11	89.30
2.45	0.38	89.73	94.51	21.98	0.704	66.102	9.774	1.11	89.73
2.46	0.38	90.16	94.89	22.25	0.674	66.105	9.777	1.11	90.16
2.47	0.38	90.59	95.27	22.53	0.645	66.107	9.780	1.11	90.59
2.48	0.37	91.01	95.64	22.79	0.615	66.110	9.783	1.09	91.01
2.49	0.37	91.44	96.01	23.06	0.585	66.112	9.785	1.09	91.44
2.50	0.37	91.86	96.38	23.32	0.555	66.114	9.788	1.09	91.86
2.51	0.37	92.28	96.75	23.58	0.526	66.116	9.790	1.09	92.28
2.52	0.37	92.70	97.12	23.85	0.496	66.118	9.793	1.09	92.70
2.53	0.37	93.12	97.49	24.11	0.467	66.119	9.795	1.09	93.12
2.54	0.36	93.54	97.85	24.36	0.437	66.121	9.797	1.06	93.54
2.55	0.36	93.95	98.21	24.62	0.408	66.123	9.799	1.06	93.95
2.56	0.36	94.36	98.57	24.87	0.379	66.124	9.800	1.06	94.36
2.57	0.36	94.78	98.93	25.13	0.350	66.125	9.802	1.06	94.78
2.58	0.36	95.19	99.29	25.38	0.321	66.126	9.804	1.06	95.19
2.59	0.36	95.59	99.65	25.64	0.292	66.127	9.805	1.06	95.59
2.60	0.36	96.00	100.01	25.89	0.264	66.128	9.806	1.06	96.00

		CLEAN COAL ASH %	9.81	REFUSE ASH %	57.29
HEAD ASH %	25.89	CLEAN COAL YIELD%	66.13	REFUSE YIELD%	33.87
THEO. YIELD	72.06	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.656	IMPERFECTION	0.053		
NEAR GRAVITY MAT	11.457				
ORGANIC EFFCY.	91.77				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 34 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.85 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ELEMENTAL ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.37	0.09	0.37	0.09	98.537	0.365	0.090	0.02	0.09
1.25	0.37	0.17	0.74	0.13	98.499	0.729	0.130	0.02	0.17
1.26	0.36	0.25	1.10	0.17	98.461	1.083	0.169	0.02	0.25
1.27	0.36	0.32	1.46	0.21	98.423	1.438	0.206	0.02	0.32
1.28	0.36	0.40	1.82	0.24	98.385	1.792	0.249	0.02	0.40
1.29	0.36	0.48	2.18	0.28	98.347	2.146	0.283	0.02	0.48
1.30	0.35	0.55	2.53	0.32	98.309	2.490	0.320	0.02	0.55
1.31	0.35	0.63	2.88	0.36	98.271	2.834	0.358	0.02	0.63
1.32	0.35	0.96	3.23	0.42	98.232	3.178	0.423	0.02	0.96
1.33	0.35	1.55	3.58	0.53	98.194	3.522	0.533	0.02	1.55
1.34	0.34	2.14	3.92	0.67	98.156	3.855	0.672	0.02	2.14
1.35	0.34	2.72	4.26	0.84	98.117	4.189	0.835	0.02	2.72
1.36	0.34	3.30	4.60	1.02	98.078	4.522	1.017	0.02	3.30
1.37	0.34	3.87	4.94	1.21	98.039	4.856	1.213	0.02	3.87
1.38	0.33	4.44	5.27	1.42	98.000	5.179	1.414	0.02	4.44
1.39	0.33	5.00	5.60	1.63	97.871	5.502	1.625	0.02	5.00
1.40	0.33	5.56	5.93	1.85	97.585	5.824	1.842	0.02	5.56
1.41	3.15	5.99	9.08	3.28	97.177	8.885	3.271	0.26	5.99
1.42	3.97	6.42	13.05	4.24	96.680	12.723	4.221	0.38	6.42
1.43	4.57	6.85	17.62	4.92	96.128	17.116	4.896	0.51	6.85
1.44	4.94	7.27	22.56	5.43	95.557	21.837	5.409	0.64	7.27
1.45	5.10	7.69	27.66	5.85	95.000	26.682	5.823	0.74	7.69
1.46	5.03	8.32	32.69	6.23	94.445	31.433	6.201	0.81	8.32
1.47	4.74	8.94	37.43	6.57	93.796	35.878	6.540	0.85	8.94
1.48	4.23	9.57	41.66	6.88	92.959	39.811	6.839	0.86	9.57
1.49	3.49	10.18	45.15	7.13	91.842	43.016	7.088	0.83	10.18
1.50	2.53	10.80	47.68	7.33	90.351	45.302	7.276	0.71	10.80
1.51	1.96	11.34	49.64	7.48	88.056	47.028	7.425	0.68	11.34
1.52	1.92	11.88	51.56	7.65	85.867	48.676	7.576	0.79	11.88
1.53	1.86	12.41	53.42	7.81	83.441	50.228	7.725	0.89	12.41
1.54	1.81	12.94	55.23	7.98	80.849	51.692	7.873	1.01	12.94
1.55	1.74	13.47	56.97	8.15	78.118	53.051	8.016	1.10	13.47
1.56	1.66	14.09	58.63	8.32	75.287	54.301	8.156	1.19	14.09
1.57	1.58	14.71	60.21	8.49	72.126	55.440	8.291	1.28	14.71
1.58	1.49	15.32	61.70	8.65	69.259	56.472	8.419	1.33	15.32
1.59	1.39	15.92	63.09	8.81	66.379	57.395	8.540	1.35	15.92
1.60	1.28	16.53	64.37	8.96	63.506	58.208	8.651	1.35	16.53
1.61	1.24	17.13	65.61	9.12	60.632	58.959	8.759	1.42	17.13
1.62	1.26	17.73	66.87	9.28	57.759	59.687	8.869	1.54	17.73
1.63	1.26	18.32	68.13	9.45	54.886	60.378	8.977	1.65	18.32
1.64	1.24	18.91	69.37	9.62	52.011	61.024	9.082	1.73	18.91
1.65	1.21	19.50	70.58	9.79	49.138	61.618	9.182	1.78	19.50
1.66	1.17	20.50	71.75	9.96	47.126	62.170	9.283	1.79	20.50
1.67	1.11	21.48	72.86	10.14	44.253	62.661	9.378	1.79	21.48
1.68	1.03	22.47	73.89	10.31	41.379	63.087	9.467	1.75	22.47
1.69	0.94	23.45	74.83	10.47	38.506	63.449	9.547	1.68	23.45
1.70	0.83	24.42	75.66	10.63	35.632	63.745	9.616	1.65	24.42

1.71	0.76	25.33	76.42	10.77	32.759	63.994	9.677	1.48	25.33
1.72	0.73	26.24	77.15	10.92	29.885	64.212	9.733	1.48	26.24
1.73	0.70	27.15	77.85	11.07	27.011	64.401	9.784	1.48	27.15
1.74	0.66	28.05	78.51	11.21	24.138	64.560	9.829	1.45	28.05
1.75	0.62	28.95	79.13	11.35	22.222	64.698	9.870	1.40	28.95
1.76	0.58	29.83	79.71	11.48	19.641	64.812	9.905	1.35	29.83
1.77	0.54	30.70	80.25	11.61	17.266	64.905	9.935	1.30	30.70
1.78	0.49	31.57	80.74	11.73	15.106	64.979	9.960	1.21	31.57
1.79	0.43	32.44	81.17	11.84	13.169	65.036	9.979	1.08	32.44
1.80	0.38	33.30	81.55	11.94	11.464	65.079	9.995	0.98	33.30
1.81	0.35	34.09	81.90	12.04	10.000	65.114	10.008	0.91	34.09
1.82	0.35	34.88	82.25	12.13	8.761	65.145	10.020	0.93	34.88
1.83	0.34	35.67	82.59	12.23	7.718	65.171	10.030	0.91	35.67
1.84	0.34	36.45	82.93	12.33	6.857	65.195	10.039	0.92	36.45
1.85	0.33	37.23	83.26	12.43	6.166	65.215	10.048	0.90	37.23
1.86	0.32	38.28	83.58	12.53	5.631	65.233	10.056	0.88	38.28
1.87	0.31	39.33	83.89	12.63	5.240	65.249	10.063	0.85	39.33
1.88	0.29	40.37	84.18	12.72	4.980	65.264	10.070	0.80	40.37
1.89	0.28	41.41	84.46	12.82	4.788	65.277	10.076	0.77	41.41
1.90	0.26	42.44	84.72	12.91	4.573	65.289	10.082	0.72	42.44
1.91	0.25	43.39	84.97	13.00	4.358	65.300	10.087	0.69	43.39
1.92	0.25	44.32	85.22	13.09	4.143	65.310	10.093	0.69	44.32
1.93	0.25	45.24	85.47	13.18	3.930	65.320	10.098	0.70	45.24
1.94	0.25	46.13	85.72	13.28	3.721	65.329	10.103	0.70	46.13
1.95	0.25	46.98	85.97	13.38	3.516	65.338	10.108	0.70	46.98
1.96	0.24	47.73	86.21	13.47	3.319	65.346	10.113	0.67	47.73
1.97	0.24	48.34	86.45	13.57	3.129	65.354	10.117	0.67	48.34
1.98	0.24	48.84	86.69	13.67	2.948	65.361	10.121	0.68	48.84
1.99	0.24	49.25	86.93	13.77	2.778	65.367	10.125	0.68	49.25
2.00	0.24	49.61	87.17	13.86	2.620	65.374	10.129	0.68	49.61
2.01	0.24	49.83	87.41	13.96	2.476	65.380	10.133	0.68	49.83
2.02	0.24	50.05	87.65	14.06	2.347	65.385	10.136	0.68	50.05
2.03	0.24	50.27	87.89	14.16	2.235	65.391	10.140	0.68	50.27
2.04	0.24	50.49	88.13	14.26	2.141	65.396	10.143	0.68	50.49
2.05	0.24	50.71	88.37	14.36	2.066	65.401	10.146	0.68	50.71
2.06	0.23	51.49	88.60	14.46	2.012	65.405	10.149	0.65	51.49
2.07	0.23	52.26	88.83	14.55	1.964	65.410	10.152	0.65	52.26
2.08	0.23	53.03	89.06	14.65	1.927	65.414	10.155	0.65	53.03
2.09	0.23	53.80	89.29	14.75	1.891	65.419	10.157	0.65	53.80
2.10	0.23	54.56	89.52	14.86	1.854	65.423	10.160	0.65	54.56
2.11	0.21	55.24	89.73	14.95	1.817	65.427	10.163	0.60	55.24
2.12	0.18	55.92	89.91	15.03	1.780	65.430	10.165	0.51	55.92
2.13	0.16	56.59	90.06	15.10	1.743	65.432	10.167	0.43	56.59
2.14	0.12	57.26	90.18	15.16	1.706	65.434	10.169	0.34	57.26
2.15	0.10	57.92	90.28	15.20	1.669	65.436	10.170	0.29	57.92
2.16	0.08	58.59	90.36	15.24	1.633	65.437	10.171	0.23	58.59
2.17	0.06	59.25	90.42	15.27	1.596	65.438	10.171	0.17	59.25
2.18	0.05	59.90	90.47	15.30	1.560	65.439	10.172	0.14	59.90
2.19	0.04	60.56	90.51	15.32	1.523	65.440	10.172	0.11	60.56
2.20	0.03	61.21	90.54	15.33	1.487	65.440	10.173	0.09	61.21
2.21	0.03	61.79	90.57	15.35	1.451	65.441	10.173	0.09	61.79
2.22	0.03	62.37	90.60	15.36	1.415	65.441	10.174	0.09	62.37
2.23	0.04	62.95	90.64	15.38	1.380	65.442	10.174	0.11	62.95
2.24	0.04	63.52	90.68	15.41	1.345	65.442	10.174	0.11	63.52
2.25	0.05	64.09	90.73	15.43	1.311	65.443	10.175	0.14	64.09
2.26	0.07	64.66	90.80	15.47	1.276	65.444	10.176	0.20	64.66
2.27	0.09	65.23	90.89	15.52	1.242	65.445	10.177	0.26	65.23
2.28	0.11	65.79	91.00	15.58	1.209	65.446	10.178	0.32	65.79
2.29	0.13	66.36	91.13	15.68	1.176	65.448	10.179	0.37	66.36
2.30	0.16	66.92	91.29	15.74	1.144	65.450	10.181	0.46	66.92

2.31	0.31	67.29	91.60	15.92	1.112	65.453	10.184	0.89	67.29
2.32	0.31	67.67	91.91	16.09	1.081	65.456	10.187	0.89	67.67
2.33	0.31	68.04	92.22	16.27	1.050	65.460	10.189	0.89	68.04
2.34	0.31	68.41	92.53	16.44	1.021	65.463	10.192	0.89	68.41
2.35	0.30	68.78	92.83	16.61	0.991	65.466	10.195	0.86	68.78
2.36	0.30	69.15	93.13	16.78	0.971	65.469	10.198	0.86	69.15
2.37	0.30	69.52	93.43	16.95	0.942	65.471	10.200	0.86	69.52
2.38	0.30	69.89	93.73	17.12	0.912	65.474	10.203	0.86	69.89
2.39	0.30	70.25	94.03	17.29	0.883	65.477	10.205	0.86	70.25
2.40	0.30	70.61	94.33	17.46	0.853	65.479	10.207	0.86	70.61
2.41	0.30	70.98	94.63	17.63	0.823	65.482	10.210	0.86	70.98
2.42	0.30	71.34	94.93	17.80	0.794	65.484	10.212	0.86	71.34
2.43	0.29	71.69	95.22	17.96	0.764	65.487	10.214	0.83	71.69
2.44	0.29	72.05	95.51	18.13	0.734	65.489	10.216	0.83	72.05
2.45	0.29	72.41	95.80	18.29	0.704	65.491	10.218	0.83	72.41
2.46	0.29	74.02	96.09	18.46	0.674	65.493	10.220	0.84	74.02
2.47	0.29	75.63	96.38	18.63	0.645	65.495	10.222	0.84	75.63
2.48	0.29	77.24	96.67	18.81	0.615	65.496	10.224	0.84	77.24
2.49	0.29	78.84	96.96	18.99	0.585	65.498	10.225	0.84	78.84
2.50	0.29	80.43	97.25	19.17	0.555	65.500	10.227	0.84	80.43
2.51	0.28	82.01	97.53	19.35	0.526	65.501	10.229	0.81	82.01
2.52	0.28	83.59	97.81	19.53	0.496	65.502	10.230	0.81	83.59
2.53	0.28	85.16	98.09	19.72	0.467	65.504	10.232	0.81	85.16
2.54	0.28	86.73	98.37	19.91	0.437	65.505	10.233	0.81	86.73
2.55	0.28	88.29	98.65	20.10	0.408	65.506	10.234	0.81	88.29
2.56	0.28	89.84	98.93	20.30	0.379	65.507	10.236	0.81	89.84
2.57	0.28	91.39	99.21	20.50	0.350	65.508	10.237	0.81	91.39
2.58	0.28	92.93	99.49	20.71	0.321	65.509	10.238	0.81	92.93
2.59	0.28	94.47	99.77	20.91	0.292	65.510	10.239	0.81	94.47
2.60	0.27	96.00	100.04	21.12	0.264	65.511	10.240	0.78	96.00

		CLEAN COAL ASH %	10.24	REFUSE ASH %	41.77
HEAD ASH %	21.12	CLEAN COAL YIELD%	65.51	REFUSE YIELD%	34.49
THEO. YIELD	73.48	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.676	IMPERFECTION	0.093		
NEAR GRAVITY MAT	19.438				
ORGANIC EFFCY.	89.15				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 38 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.20 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.42	0.48	0.42	0.48	98.537	0.414	0.480	0.02	0.48
1.25	0.42	0.94	0.84	0.71	98.499	0.828	0.710	0.02	0.94
1.26	0.41	1.39	1.25	0.93	98.461	1.231	0.933	0.02	1.39
1.27	0.41	1.85	1.66	1.16	98.423	1.635	1.159	0.02	1.85
1.28	0.41	2.30	2.07	1.39	98.385	2.038	1.385	0.02	2.90
1.29	0.40	2.75	2.47	1.61	98.347	2.432	1.606	0.02	2.75
1.30	0.40	3.19	2.87	1.83	98.309	2.825	1.826	0.02	3.19
1.31	0.40	3.63	3.27	2.05	98.271	3.218	2.047	0.02	3.63
1.32	0.40	3.92	3.67	2.25	98.232	3.611	2.251	0.02	3.92
1.33	0.39	4.08	4.06	2.43	98.194	3.994	2.426	0.02	4.08
1.34	0.39	4.23	4.45	2.59	98.156	4.377	2.584	0.02	4.23
1.35	0.39	4.38	4.84	2.73	98.117	4.759	2.728	0.02	4.38
1.36	0.38	4.53	5.22	2.86	98.078	5.132	2.859	0.02	4.53
1.37	0.38	4.68	5.60	2.98	98.039	5.504	2.982	0.02	4.68
1.38	0.38	4.83	5.98	3.10	98.000	5.877	3.099	0.02	4.83
1.39	0.38	4.97	6.36	3.21	97.871	6.249	3.211	0.03	4.97
1.40	0.37	5.12	6.73	3.32	97.585	6.610	3.315	0.03	5.12
1.41	3.09	5.23	9.82	3.92	97.177	9.613	3.913	0.27	5.23
1.42	3.51	5.33	13.33	4.29	96.680	13.006	4.283	0.37	5.33
1.43	3.83	5.44	17.16	4.55	96.128	16.688	4.538	0.47	5.44
1.44	4.04	5.55	21.20	4.74	95.557	20.548	4.728	0.56	5.55
1.45	4.15	5.65	25.35	4.89	95.000	24.491	4.877	0.65	5.65
1.46	4.15	6.32	29.50	5.09	94.445	28.410	5.076	0.73	6.32
1.47	4.06	6.98	33.56	5.32	93.796	32.218	5.301	0.79	6.98
1.48	3.85	7.64	37.41	5.56	92.959	35.797	5.535	0.85	7.64
1.49	3.55	8.29	40.96	5.79	91.842	39.058	5.765	0.91	8.29
1.50	3.14	8.94	44.10	6.02	90.351	41.895	5.980	0.95	8.94
1.51	2.93	9.56	47.03	6.24	88.056	44.475	6.187	1.10	9.56
1.52	2.96	10.17	49.99	6.47	85.857	47.016	6.403	1.32	10.17
1.53	2.94	10.78	52.93	6.71	83.441	49.469	6.620	1.53	10.78
1.54	2.88	11.38	55.81	6.95	80.849	51.798	6.834	1.74	11.38
1.55	2.77	11.98	58.58	7.19	78.118	53.962	7.040	1.91	11.98
1.56	2.62	12.73	61.20	7.43	75.287	55.934	7.241	2.04	12.73
1.57	2.43	13.48	63.63	7.66	72.126	57.687	7.430	2.13	13.48
1.58	2.19	14.23	65.82	7.88	69.253	59.203	7.605	2.12	14.23
1.59	1.91	14.97	67.73	8.08	66.379	60.471	7.759	2.02	14.97
1.60	1.58	15.70	69.31	8.25	63.506	61.475	7.889	1.81	15.70
1.61	1.36	16.46	70.67	8.41	60.632	62.299	8.002	1.68	16.46
1.62	1.28	17.21	71.95	8.56	57.759	63.039	8.110	1.70	17.21
1.63	1.20	17.95	73.15	8.72	54.885	63.697	8.212	1.70	17.95
1.64	1.12	18.70	74.27	8.87	52.011	64.280	8.307	1.69	18.70
1.65	1.04	19.43	75.31	9.02	49.138	64.791	8.395	1.66	19.43
1.66	0.97	20.20	76.28	9.16	47.126	65.248	8.477	1.61	20.20
1.67	0.89	20.96	77.17	9.29	44.253	65.642	8.552	1.56	20.96
1.68	0.82	21.71	77.99	9.42	41.379	65.981	8.620	1.51	21.71
1.69	0.75	22.46	78.74	9.55	38.506	66.270	8.680	1.45	22.46
1.70	0.68	23.21	79.42	9.67	35.632	66.512	8.733	1.38	23.21

1.71	0.65	23.81	80.07	9.78	32.759	66.725	8.781	1.38	23.81
1.72	0.65	24.41	80.72	9.90	29.885	66.919	8.827	1.43	24.41
1.73	0.65	25.01	81.37	10.02	27.011	67.095	8.869	1.49	25.01
1.74	0.64	25.60	82.01	10.14	24.138	67.249	8.907	1.53	25.60
1.75	0.62	26.19	82.63	10.26	22.222	67.387	8.943	1.52	26.19
1.76	0.60	27.53	83.23	10.39	19.641	67.505	8.975	1.62	27.53
1.77	0.57	28.86	83.80	10.51	17.266	67.603	9.004	1.48	28.86
1.78	0.54	30.19	84.34	10.64	15.106	67.685	9.030	1.44	30.19
1.79	0.50	31.51	84.84	10.76	13.169	67.751	9.052	1.37	31.51
1.80	0.45	32.82	85.29	10.88	11.464	67.802	9.070	1.25	32.82
1.81	0.43	34.06	85.72	10.99	10.000	67.845	9.085	1.22	34.06
1.82	0.43	35.29	86.15	11.11	8.761	67.883	9.100	1.23	35.29
1.83	0.42	36.51	86.57	11.24	7.718	67.915	9.113	1.22	36.51
1.84	0.41	37.73	86.98	11.36	6.857	67.944	9.125	1.20	37.73
1.85	0.39	38.94	87.37	11.48	6.166	67.968	9.135	1.15	38.94
1.86	0.37	39.50	87.74	11.60	5.631	67.988	9.145	1.10	39.50
1.87	0.34	40.05	88.08	11.71	5.240	68.006	9.153	1.01	40.05
1.88	0.31	40.61	88.39	11.81	4.980	68.022	9.160	0.93	40.61
1.89	0.27	41.15	88.66	11.90	4.788	68.035	9.166	0.81	41.15
1.90	0.22	41.70	88.88	11.98	4.573	68.045	9.171	0.66	41.70
1.91	0.20	42.26	89.08	12.05	4.358	68.053	9.175	0.60	42.26
1.92	0.19	42.81	89.27	12.11	4.143	68.061	9.179	0.57	42.81
1.93	0.18	43.36	89.45	12.17	3.930	68.068	9.183	0.54	43.36
1.94	0.18	43.91	89.63	12.24	3.721	68.075	9.186	0.55	43.91
1.95	0.18	44.46	89.81	12.30	3.516	68.081	9.189	0.55	44.46
1.96	0.18	45.22	89.99	12.37	3.319	68.087	9.192	0.55	45.22
1.97	0.18	45.98	90.17	12.43	3.129	68.093	9.195	0.55	45.98
1.98	0.18	46.74	90.35	12.50	2.948	68.098	9.198	0.55	46.74
1.99	0.19	47.49	90.54	12.58	2.778	68.104	9.201	0.58	47.49
2.00	0.19	48.24	90.73	12.65	2.620	68.109	9.204	0.58	48.24
2.01	0.20	48.77	90.93	12.73	2.476	68.114	9.207	0.61	48.77
2.02	0.21	49.29	91.14	12.81	2.347	68.118	9.210	0.65	49.29
2.03	0.21	49.81	91.35	12.90	2.235	68.123	9.213	0.65	49.81
2.04	0.21	50.33	91.56	12.99	2.141	68.128	9.216	0.65	50.33
2.05	0.21	50.84	91.77	13.07	2.066	68.132	9.218	0.65	50.84
2.06	0.21	51.66	91.98	13.16	2.012	68.136	9.221	0.65	51.66
2.07	0.21	52.47	92.19	13.25	1.964	68.140	9.223	0.65	52.47
2.08	0.20	53.29	92.39	13.34	1.927	68.144	9.226	0.62	53.29
2.09	0.20	54.09	92.59	13.42	1.891	68.148	9.228	0.62	54.09
2.10	0.19	54.90	92.78	13.51	1.854	68.151	9.231	0.59	54.90
2.11	0.17	55.72	92.95	13.59	1.817	68.155	9.233	0.53	55.72
2.12	0.15	56.54	93.10	13.66	1.780	68.157	9.235	0.46	56.54
2.13	0.13	57.36	93.23	13.72	1.743	68.160	9.236	0.40	57.36
2.14	0.11	58.17	93.34	13.77	1.706	68.161	9.238	0.34	58.17
2.15	0.09	58.98	93.43	13.81	1.669	68.163	9.239	0.28	58.98
2.16	0.08	59.78	93.51	13.85	1.633	68.164	9.240	0.25	59.78
2.17	0.07	60.59	93.58	13.89	1.596	68.165	9.241	0.22	60.59
2.18	0.06	61.38	93.64	13.92	1.560	68.166	9.241	0.19	61.38
2.19	0.05	62.18	93.69	13.94	1.523	68.167	9.242	0.15	62.18
2.20	0.05	62.97	93.74	13.97	1.487	68.168	9.243	0.15	62.97
2.21	0.05	63.50	93.79	14.00	1.451	68.168	9.243	0.16	63.50
2.22	0.05	64.04	93.84	14.02	1.415	68.169	9.244	0.16	64.04
2.23	0.05	64.57	93.89	14.05	1.380	68.170	9.244	0.16	64.57
2.24	0.05	65.10	93.94	14.08	1.345	68.171	9.245	0.16	65.10
2.25	0.06	65.63	94.00	14.11	1.311	68.171	9.245	0.19	65.63
2.26	0.07	66.16	94.07	14.15	1.276	68.172	9.246	0.22	66.16
2.27	0.08	66.68	94.15	14.19	1.242	68.173	9.247	0.25	66.68
2.28	0.09	67.20	94.24	14.24	1.209	68.174	9.248	0.28	67.20
2.29	0.11	67.72	94.35	14.31	1.176	68.176	9.249	0.34	67.72
2.30	0.13	68.24	94.48	14.38	1.144	68.177	9.250	0.40	68.24

2.31	0.20	68.53	94.68	14.49	1.112	68.179	9.252	0.62	68.53
2.32	0.19	68.83	94.87	14.60	1.081	68.181	9.254	0.59	68.83
2.33	0.19	69.12	95.06	14.71	1.050	68.183	9.256	0.59	69.12
2.34	0.19	69.41	95.25	14.82	1.021	68.185	9.258	0.59	69.41
2.35	0.19	69.70	95.44	14.93	0.991	68.187	9.259	0.59	69.70
2.36	0.19	69.99	95.63	15.04	0.971	68.189	9.261	0.59	69.99
2.37	0.19	70.28	95.82	15.15	0.942	68.191	9.262	0.59	70.28
2.38	0.19	70.57	96.01	15.26	0.912	68.193	9.264	0.59	70.57
2.39	0.19	70.86	96.20	15.37	0.883	68.194	9.266	0.59	70.86
2.40	0.19	71.14	96.39	15.48	0.853	68.196	9.267	0.59	71.14
2.41	0.19	71.43	96.58	15.59	0.823	68.197	9.268	0.59	71.43
2.42	0.19	71.71	96.77	15.70	0.794	68.199	9.270	0.59	71.71
2.43	0.19	71.99	96.96	15.81	0.764	68.200	9.271	0.59	71.99
2.44	0.18	72.27	97.14	15.91	0.734	68.202	9.272	0.56	72.27
2.45	0.18	72.55	97.32	16.02	0.704	68.203	9.274	0.56	72.55
2.46	0.18	74.16	97.50	16.13	0.674	68.204	9.275	0.56	74.16
2.47	0.18	75.76	97.68	16.24	0.645	68.205	9.276	0.56	75.76
2.48	0.18	77.35	97.86	16.35	0.615	68.206	9.277	0.56	77.35
2.49	0.18	78.94	98.04	16.46	0.585	68.208	9.278	0.56	78.94
2.50	0.18	80.52	98.22	16.58	0.555	68.209	9.279	0.56	80.52
2.51	0.18	82.10	98.40	16.70	0.526	68.209	9.280	0.56	82.10
2.52	0.18	83.67	98.58	16.82	0.496	68.210	9.281	0.56	83.67
2.53	0.18	85.23	98.76	16.95	0.467	68.211	9.282	0.56	85.23
2.54	0.18	86.79	98.94	17.07	0.437	68.212	9.283	0.56	86.79
2.55	0.18	88.34	99.12	17.20	0.408	68.213	9.284	0.56	88.34
2.56	0.18	89.88	99.30	17.34	0.379	68.213	9.285	0.56	89.88
2.57	0.18	91.42	99.48	17.47	0.350	68.214	9.285	0.56	91.42
2.58	0.17	92.95	99.65	17.60	0.321	68.215	9.286	0.53	92.95
2.59	0.17	94.48	99.82	17.73	0.292	68.215	9.287	0.53	94.48
2.60	0.17	96.00	99.99	17.86	0.264	68.216	9.287	0.53	96.00

		CLEAN COAL ASH %	9.29	REFUSE ASH %	36.27
HEAD ASH %	17.86	CLEAN COAL YIELD%	68.22	REFUSE YIELD%	31.78
THEO. YIELD	77.13	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.670	IMPERFECTION	0.053		
NEAR GRAVITY MAT	20.255				
ORGANIC EFFCY.	88.44				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN SS DDH82007 SID: 47 WID: WA1 EQUIPE HMC SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 7.27 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	98.575	0.0	0.010	0.0	0.01
1.24	0.11	0.08	0.11	0.08	98.537	0.108	0.080	0.00	0.08
1.25	0.11	0.15	0.22	0.11	98.499	0.217	0.115	0.00	0.15
1.26	0.11	0.22	0.33	0.15	98.461	0.325	0.150	0.00	0.22
1.27	0.11	0.29	0.44	0.18	98.423	0.433	0.185	0.00	0.29
1.28	0.11	0.35	0.55	0.22	98.385	0.542	0.218	0.00	0.35
1.29	0.11	0.42	0.66	0.25	98.347	0.650	0.252	0.00	0.42
1.30	0.11	0.49	0.77	0.29	98.309	0.758	0.286	0.00	0.49
1.31	0.11	0.55	0.88	0.32	98.271	0.866	0.319	0.00	0.55
1.32	0.11	0.84	0.99	0.38	98.232	0.974	0.376	0.00	0.84
1.33	0.11	1.36	1.10	0.47	98.194	1.082	0.475	0.00	1.36
1.34	0.10	1.87	1.20	0.59	98.156	1.180	0.591	0.00	1.87
1.35	0.10	2.38	1.30	0.73	98.117	1.278	0.728	0.00	2.38
1.36	0.10	2.88	1.40	0.88	98.078	1.376	0.881	0.00	2.88
1.37	0.10	3.39	1.50	1.05	98.039	1.474	1.048	0.00	3.39
1.38	0.10	3.88	1.60	1.23	98.000	1.572	1.225	0.00	3.88
1.39	0.10	4.38	1.70	1.41	97.871	1.670	1.410	0.00	4.38
1.40	0.10	4.87	1.80	1.60	97.585	1.768	1.601	0.00	4.87
1.41	1.78	5.27	3.58	3.43	97.177	3.498	3.415	0.08	5.27
1.42	2.26	5.67	5.84	4.29	96.680	5.683	4.282	0.12	5.67
1.43	2.60	6.07	8.44	4.84	96.128	8.182	4.828	0.16	6.07
1.44	2.82	6.47	11.26	5.25	95.557	10.877	5.235	0.20	6.47
1.45	2.91	6.86	14.17	5.58	95.000	13.641	5.564	0.23	6.86
1.46	2.88	7.88	17.05	5.97	94.445	16.361	5.949	0.25	7.88
1.47	2.71	8.89	19.76	6.37	93.796	18.903	6.345	0.26	8.89
1.48	2.43	9.89	22.19	6.75	92.959	21.162	6.723	0.27	9.89
1.49	2.01	10.88	24.20	7.10	91.842	23.008	7.057	0.26	10.88
1.50	1.47	11.87	25.67	7.37	90.351	24.336	7.319	0.22	11.87
1.51	1.14	12.75	26.81	7.60	88.056	25.340	7.535	0.21	12.75
1.52	1.12	13.62	27.93	7.84	85.857	26.302	7.757	0.25	13.62
1.53	1.09	14.49	29.02	8.09	83.441	27.211	7.982	0.28	14.49
1.54	1.05	15.35	30.07	8.34	80.849	28.060	8.205	0.31	15.35
1.55	1.00	16.20	31.07	8.60	78.118	28.841	8.422	0.34	16.20
1.56	0.95	16.82	32.02	8.84	75.287	29.556	8.625	0.37	16.82
1.57	0.89	17.44	32.91	9.07	72.126	30.198	8.812	0.39	17.44
1.58	0.82	18.05	33.73	9.29	69.253	30.766	8.983	0.39	18.05
1.59	0.75	18.66	34.48	9.50	66.379	31.264	9.137	0.39	18.66
1.60	0.66	19.26	35.14	9.68	63.506	31.683	9.271	0.38	19.26
1.61	0.63	19.88	35.77	9.86	60.632	32.065	9.397	0.39	19.88
1.62	0.64	20.50	36.41	10.05	57.759	32.435	9.524	0.42	20.50
1.63	0.64	21.11	37.05	10.24	54.885	32.786	9.648	0.45	21.11
1.64	0.63	21.71	37.68	10.43	52.011	33.114	9.767	0.47	21.71
1.65	0.61	22.31	38.29	10.62	49.138	33.413	9.880	0.48	22.31
1.66	0.59	23.07	38.88	10.81	47.126	33.692	9.988	0.49	23.07
1.67	0.56	23.83	39.44	10.99	44.253	33.939	10.090	0.49	23.83
1.68	0.51	24.58	39.95	11.17	41.379	34.150	10.179	0.47	24.58
1.69	0.46	25.32	40.41	11.33	38.506	34.327	10.257	0.44	25.32
1.70	0.40	26.06	40.81	11.47	35.632	34.470	10.323	0.40	26.06

1.71	0.37	26.59	41.18	11.61	32.759	34.591	10.380	0.39	26.59
1.72	0.37	27.12	41.55	11.74	29.885	34.702	10.433	0.40	27.12
1.73	0.36	27.65	41.91	11.88	27.011	34.799	10.481	0.41	27.65
1.74	0.36	28.17	42.27	12.02	24.138	34.886	10.525	0.43	28.17
1.75	0.35	28.68	42.62	12.16	22.222	34.964	10.565	0.42	28.68
1.76	0.34	29.96	42.96	12.30	19.641	35.030	10.602	0.43	29.96
1.77	0.33	31.24	43.29	12.44	17.266	35.087	10.636	0.43	31.24
1.78	0.32	32.50	43.61	12.59	15.106	35.136	10.666	0.42	32.50
1.79	0.31	33.76	43.92	12.74	13.169	35.177	10.693	0.42	33.76
1.80	0.30	35.01	44.22	12.89	11.464	35.211	10.717	0.41	35.01
1.81	0.30	36.09	44.52	13.05	10.000	35.241	10.738	0.42	36.09
1.82	0.30	37.16	44.82	13.21	8.761	35.267	10.758	0.43	37.16
1.83	0.29	38.22	45.11	13.37	7.718	35.290	10.775	0.42	38.22
1.84	0.29	39.28	45.40	13.53	6.857	35.310	10.791	0.42	39.28
1.85	0.29	40.33	45.69	13.70	6.166	35.327	10.806	0.42	40.33
1.86	0.28	41.32	45.97	13.87	5.631	35.343	10.820	0.41	41.32
1.87	0.28	42.30	46.25	14.04	5.240	35.358	10.833	0.41	42.30
1.88	0.27	43.29	46.52	14.21	4.980	35.371	10.845	0.40	43.29
1.89	0.26	44.26	46.78	14.38	4.788	35.384	10.857	0.39	44.26
1.90	0.26	45.23	47.04	14.55	4.573	35.396	10.869	0.39	45.23
1.91	0.24	46.13	47.28	14.71	4.358	35.406	10.879	0.36	46.13
1.92	0.23	47.01	47.51	14.87	4.143	35.416	10.889	0.34	47.01
1.93	0.22	47.90	47.73	15.02	3.930	35.424	10.898	0.33	47.90
1.94	0.21	48.78	47.94	15.17	3.721	35.432	10.906	0.32	48.78
1.95	0.21	49.65	48.15	15.32	3.516	35.440	10.914	0.32	49.65
1.96	0.21	49.84	48.36	15.47	3.319	35.446	10.922	0.32	49.84
1.97	0.21	50.03	48.57	15.62	3.129	35.453	10.929	0.32	50.03
1.98	0.22	50.22	48.79	15.77	2.948	35.460	10.936	0.33	50.22
1.99	0.22	50.41	49.01	15.93	2.778	35.466	10.943	0.33	50.41
2.00	0.23	50.60	49.24	16.09	2.620	35.472	10.950	0.35	50.60
2.01	0.27	50.60	49.51	16.28	2.476	35.478	10.957	0.41	50.60
2.02	0.28	50.60	49.79	16.47	2.347	35.485	10.965	0.43	50.60
2.03	0.29	50.60	50.08	16.67	2.235	35.491	10.972	0.44	50.60
2.04	0.30	50.60	50.38	16.87	2.141	35.498	10.979	0.46	50.60
2.05	0.31	50.60	50.69	17.08	2.066	35.504	10.986	0.47	50.60
2.06	0.26	51.53	50.95	17.25	2.012	35.509	10.992	0.40	51.53
2.07	0.26	52.45	51.21	17.43	1.964	35.515	10.998	0.40	52.45
2.08	0.26	53.37	51.47	17.61	1.927	35.520	11.004	0.40	53.37
2.09	0.26	54.28	51.73	17.80	1.891	35.524	11.010	0.40	54.28
2.10	0.25	55.19	51.98	17.98	1.854	35.529	11.016	0.38	55.19
2.11	0.25	56.23	52.23	18.16	1.817	35.534	11.022	0.38	56.23
2.12	0.22	57.26	52.45	18.33	1.780	35.538	11.027	0.34	57.26
2.13	0.19	58.29	52.64	18.47	1.743	35.541	11.031	0.29	58.29
2.14	0.16	59.32	52.80	18.59	1.706	35.544	11.035	0.25	59.32
2.15	0.14	60.34	52.94	18.70	1.669	35.546	11.038	0.21	60.34
2.16	0.12	61.35	53.06	18.80	1.633	35.548	11.041	0.18	61.35
2.17	0.10	62.36	53.16	18.88	1.596	35.550	11.043	0.16	62.36
2.18	0.09	63.37	53.25	18.96	1.560	35.551	11.045	0.14	63.37
2.19	0.08	64.37	53.33	19.03	1.523	35.552	11.047	0.12	64.37
2.20	0.08	65.37	53.41	19.10	1.487	35.553	11.049	0.12	65.37
2.21	0.08	65.44	53.49	19.16	1.451	35.555	11.051	0.12	65.44
2.22	0.08	65.51	53.57	19.23	1.415	35.556	11.052	0.12	65.51
2.23	0.09	65.59	53.66	19.31	1.380	35.557	11.054	0.14	65.59
2.24	0.10	65.66	53.76	19.40	1.345	35.558	11.056	0.15	65.66
2.25	0.12	65.73	53.88	19.50	1.311	35.560	11.059	0.18	65.73
2.26	0.13	65.80	54.01	19.61	1.276	35.561	11.061	0.20	65.80
2.27	0.16	65.87	54.17	19.75	1.242	35.563	11.064	0.25	65.87
2.28	0.18	65.95	54.35	19.90	1.209	35.566	11.068	0.28	65.95
2.29	0.21	66.02	54.56	20.08	1.176	35.568	11.072	0.32	66.02
2.30	0.25	66.09	54.81	20.29	1.144	35.571	11.076	0.39	66.09

2.31	2.32	66.09	57.13	22.15	1.112	35.597	11.116	3.58	66.09
2.32	2.31	66.09	59.44	23.86	1.081	35.622	11.154	3.57	66.09
2.33	2.30	66.09	61.74	25.43	1.050	35.646	11.192	3.55	66.09
2.34	2.29	66.10	64.03	26.88	1.021	35.669	11.228	3.54	66.10
2.35	2.28	66.10	66.31	28.23	0.991	35.692	11.262	3.52	66.10
2.36	2.27	66.10	68.58	29.49	0.971	35.714	11.296	3.51	66.10
2.37	2.26	66.10	70.84	30.65	0.942	35.735	11.329	3.49	66.10
2.38	2.25	66.10	73.09	31.75	0.912	35.756	11.360	3.48	66.10
2.39	2.24	66.11	75.33	32.77	0.883	35.775	11.391	3.47	66.11
2.40	2.23	66.11	77.56	33.73	0.853	35.794	11.420	3.45	66.11
2.41	2.22	66.11	79.78	34.63	0.823	35.813	11.448	3.44	66.11
2.42	2.21	66.11	81.99	35.48	0.794	35.830	11.474	3.42	66.11
2.43	2.20	66.11	84.19	36.28	0.764	35.847	11.500	3.41	66.11
2.44	2.19	66.12	86.38	37.03	0.734	35.863	11.524	3.39	66.12
2.45	2.18	66.12	88.56	37.75	0.704	35.879	11.548	3.38	66.12
2.46	0.78	68.17	89.34	38.01	0.674	35.884	11.556	1.21	68.17
2.47	0.78	70.21	90.12	38.29	0.645	35.889	11.564	1.21	70.21
2.48	0.78	72.24	90.90	38.58	0.615	35.894	11.572	1.21	72.24
2.49	0.77	74.26	91.67	38.88	0.585	35.898	11.580	1.19	74.26
2.50	0.77	76.28	92.44	39.20	0.555	35.902	11.588	1.20	76.28
2.51	0.77	78.28	93.21	39.52	0.526	35.906	11.595	1.20	78.28
2.52	0.76	80.28	93.97	39.85	0.496	35.910	11.603	1.18	80.28
2.53	0.76	82.28	94.73	40.19	0.467	35.914	11.610	1.18	82.28
2.54	0.76	84.26	95.49	40.54	0.437	35.917	11.616	1.18	84.26
2.55	0.75	86.23	96.24	40.90	0.408	35.920	11.623	1.17	86.23
2.56	0.75	88.20	96.99	41.26	0.379	35.923	11.629	1.17	88.20
2.57	0.75	90.16	97.74	41.64	0.350	35.926	11.635	1.17	90.16
2.58	0.75	92.12	98.49	42.02	0.321	35.928	11.640	1.17	92.12
2.59	0.74	94.06	99.23	42.41	0.292	35.930	11.645	1.16	94.06
2.60	0.74	96.00	99.97	42.81	0.264	35.932	11.649	1.15	96.00

		CLEAN COAL ASH %	11.65	REFUSE ASH %	60.28
HEAD ASH %	42.81	CLEAN COAL YIELD%	35.93	REFUSE YIELD%	64.07
THEO. YIELD	41.29	ECART PROB. MOYEN	0.0870		
SG OF SEPARATION	1.713	IMPERFECTION	0.093		
NEAR GRAVITY MAT	8.644				
ORGANIC EFFCY.	87.01				

Yield Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : DATA SET CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN TO

MINE-PERIOD : PROPERTY

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
HC	DDH82001	1	WA1	26.63	46.622818	10.63	58.50	27.273911	49.19	41.50	19.348907
HC	DDH82001	3	WA1	19.11	27.143021	8.14	57.37	15.573039	33.87	42.63	11.569989
HC	DDH82001	7	WA1	30.63	7.446631	8.97	48.17	3.587078	50.76	51.83	3.859552
HC	DDH82002	12	WA1	24.25	1.605631	8.05	50.47	0.810298	40.76	49.53	0.795333
HC	DDH82003	17	WA1	27.28	17.359207	10.82	48.28	8.380674	42.64	51.72	8.978534
HC	DDH82003	18	WA1	33.08	32.373398	11.22	37.78	12.230690	46.36	62.22	20.142700
HC	DDH82003	21	WA1	47.21	8.769781	8.86	29.53	2.590099	63.28	70.47	6.179682
HC	DDH82003	22	WA1	34.25	14.790838	10.64	37.35	5.524508	48.33	62.65	9.266330
HC	DDH82003	23	WA1	32.98	9.525206	10.51	42.55	4.052874	49.61	57.45	5.472332
HC	DDH82003	24	WA1	23.03	11.349953	7.73	49.55	5.623479	38.06	50.45	5.726474
BC	DDH82006	41	WA1	18.00	9.144845	8.28	66.73	6.102076	37.50	33.27	3.042768
BC	DDH82006	42	WA1	38.44	8.980798	8.62	41.42	3.719792	59.52	58.58	5.261004
BC	DDH82006	43	WA1	30.02	5.084858	12.66	45.46	2.311789	44.50	54.54	2.773068
LR	DDH82005	31	WA1	32.63	31.112854	8.42	50.38	15.674964	57.22	49.62	15.437893
LR	DDH82005	32	WA1	18.20	10.051991	9.89	61.99	6.231369	31.75	38.01	3.820621
LR	DDH82005	34	WA1	20.42	30.708145	9.14	56.07	17.218231	34.83	43.93	13.489923
LR	DDH82005	38	WA1	20.65	7.612499	8.36	55.14	4.197849	35.75	44.86	3.414649
SS	DDH82007	47	WA1	29.96	12.319777	9.77	38.26	4.713649	42.47	61.74	7.606128
	TOTALS			27.68	292.001709	9.57	49.94	145.816254	45.74	50.06	146.185760

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : FRACTION CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN TO

MINE PERIOD : PROPERTY

FRACTION SIZE (MM) 10.00 X 0.60 FLOAT EQUIPEMENT HMC SG 1.55

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
HC	DDH82001	1	WA1	27.94	40.188339	11.32	55.78	22.418686	48.91	44.22	17.769653
HC	DDH82001	3	WA1	21.14	19.677231	8.33	50.87	10.010312	34.41	49.13	9.666919
HC	DDH82001	7	WA1	30.54	6.208616	9.06	46.83	2.907795	49.47	53.17	3.300821
HC	DDH82002	12	WA1	29.71	1.175411	10.05	37.45	0.440234	41.48	62.55	0.735178
HC	DDH82003	17	WA1	28.87	14.873003	11.40	43.84	6.520635	42.51	56.16	8.352368
HC	DDH82003	18	WA1	33.88	26.936264	11.90	33.36	8.986281	44.89	66.64	17.949982
HC	DDH82003	21	WA1	48.78	7.985227	9.28	26.75	2.136052	63.21	73.25	5.849174
HC	DDH82003	22	WA1	34.84	12.591257	10.52	34.73	4.373425	47.78	65.27	8.217833
HC	DDH82003	23	WA1	35.05	7.939051	11.16	37.11	2.946327	49.15	62.89	4.992723
HC	DDH82003	24	WA1	23.97	9.954251	8.06	45.70	4.549209	37.35	54.30	5.405043
BC	DDH82006	41	WA1	17.60	8.074917	8.19	67.40	5.442092	37.05	32.60	2.632825
BC	DDH82006	42	WA1	39.37	7.967999	8.56	39.18	3.122121	59.23	60.82	4.845878
BC	DDH82006	43	WA1	30.62	4.533038	12.90	43.19	1.957703	44.09	56.81	2.575336
LR	DDH82005	31	WA1	31.42	27.619217	8.20	51.01	14.089877	55.60	48.99	13.529340
LR	DDH82005	32	WA1	17.54	9.261035	9.89	61.64	5.708324	29.82	38.36	3.552711
LR	DDH82005	34	WA1	20.33	27.143936	8.97	54.83	14.883293	34.13	45.17	12.260643
LR	DDH82005	38	WA1	21.10	6.540660	8.16	53.00	3.466689	35.70	47.00	3.073971
SS	DDH82007	47	WA1	28.92	11.392126	9.63	38.45	4.380324	40.96	61.55	7.011802
				28.37	250.061462	9.78	47.32	118.339233	45.08	52.68	131.722061

FRACTION SIZE (MM) 0.60 X 0.15 FLOAT EQUIPEMENT HMC SG 1.65

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
HC	DDH82001	1	WA1	18.46	6.434484	7.44	75.46	4.855229	52.34	24.54	1.579254
HC	DDH82001	3	WA1	13.75	7.465797	7.79	74.51	5.562727	31.14	25.49	1.903070
HC	DDH82001	7	WA1	31.07	1.238015	8.58	54.87	0.679283	58.41	45.13	0.558732
HC	DDH82002	12	WA1	9.35	0.430220	5.67	86.02	0.370065	31.98	13.98	0.060155
HC	DDH82003	17	WA1	17.77	2.486205	8.79	74.81	1.860040	44.46	25.19	0.626165
HC	DDH82003	18	WA1	29.13	5.437136	9.36	59.67	3.244409	58.99	40.33	2.192727
HC	DDH82003	21	WA1	31.18	0.784555	6.88	57.87	0.454047	64.57	42.13	0.330508
HC	DDH82003	22	WA1	30.88	2.199581	11.12	52.33	1.151084	52.57	47.67	1.048497
HC	DDH82003	23	WA1	22.59	1.586155	8.79	69.76	1.106546	54.42	30.24	0.479609
HC	DDH82003	24	WA1	16.37	1.395701	6.31	76.97	1.074270	50.00	23.03	0.321431
BC	DDH82006	41	WA1	21.04	1.069928	9.02	61.68	0.659984	40.39	38.32	0.409944
BC	DDH82006	42	WA1	31.07	1.012799	8.94	59.01	0.597672	62.93	40.99	0.415127
BC	DDH82006	43	WA1	25.12	0.551820	11.30	64.17	0.354086	49.88	35.83	0.197734
LR	DDH82005	31	WA1	42.24	3.493640	10.32	45.37	1.585087	68.75	54.63	1.908553
LR	DDH82005	32	WA1	25.89	0.790956	9.81	66.13	0.523045	57.29	33.87	0.267910
LR	DDH82005	34	WA1	21.12	3.564223	10.24	65.51	2.334943	41.77	34.49	1.229280
LR	DDH82005	38	WA1	17.86	1.071839	9.29	68.22	0.731160	38.27	31.78	0.340679
SS	DDH82007	47	WA1	42.81	0.927652	11.65	35.93	0.333325	60.28	64.07	0.594327

	23.55	41.940613	8.66	65.51	27.4769[illegible]	51.83	34.49	14.463698
TOTALS	27.68	292.001953	9.67	49.94	145.816147	45.74	50.06	146.185745

Averaged Quality Data Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN TO

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	RM 1008	ASH 1009	VM 1010	FC 1011	TS 1012	HGI 1019	C 1805	H 1806	N 1807	O 1808
KPNHCDDH82001	1	0.920	10.631	6.691	81.757	0.590	36.000	80.943	2.651	0.993	3.276
KPNHCDDH82001	3	1.510	8.138	8.603	81.750	0.490	59.000	82.120	2.775	1.028	3.926
KPNHCDDH82001	7	0.840	8.972	6.267	83.922	0.600	39.000	84.033	3.093	1.105	1.349
KPNHCDDH82002	12	0.610	8.051	7.238	84.101	0.610	107.000	84.555	3.918	1.114	1.124
KPNHCDDH82003	17	0.750	10.821	6.572	81.857	1.750	46.000	81.947	3.126	1.159	0.449
KPNHCDDH82003	18	0.930	11.223	7.257	80.590	0.500	61.000	81.256	3.012	1.243	1.839
KPNHCDDH82003	21	0.770	8.858	7.074	83.298	0.580	********	83.655	2.936	1.121	2.069
KPNHCDDH82003	22	0.690	10.642	6.519	82.149	0.430	35.000	82.309	3.159	1.063	1.705
KPNHCDDH82003	23	0.890	10.515	7.488	81.108	0.370	********	81.327	3.135	1.188	2.576
KPNHCDDH82003	24	0.630	7.728	8.692	82.950	0.430	43.000	83.136	3.194	1.065	3.803
KPNBCDDH82006	41	0.730	8.282	7.205	83.783	0.760	38.000	83.813	3.142	0.983	2.272
KPNBCDDH82006	42	0.650	8.621	6.720	84.009	0.780	39.000	84.571	3.171	0.972	1.217
KPNBCDDH82006	43	0.670	12.658	6.291	80.381	0.390	********	80.488	2.769	1.013	2.026
KPNLRDDH82005	31	0.640	8.416	5.773	85.171	0.310	39.000	85.374	2.754	0.925	1.575
KPNLRDDH82005	32	0.690	9.887	6.673	82.750	0.410	34.000	82.820	2.746	1.161	2.281
KPNLRDDH82005	34	0.660	9.142	6.229	83.969	0.390	38.000	84.132	2.732	0.999	1.937
KPNLRDDH82005	38	0.750	8.359	6.406	84.485	0.430	44.000	84.485	3.064	1.141	1.758
KPNSSDDH82007	47	0.760	9.773	5.463	84.004	0.420	35.000	84.651	2.802	1.022	0.566
QUALITY		0.847	9.568	6.842	82.743	0.558	43.096	82.102	2.851	1.040	2.275

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN TO

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	SIO2 1504	AL23 1505	FE23 1506	CAO 1507	MGO 1508	TIO2 1509	NA2O 1510	K2O 1511	SO3 1512	P2O5 1513
KPNHCDDH82001	1	57.910	23.100	2.690	3.150	0.890	1.160	1.530	0.670	1.220	1.620
KPNHCDDH82001	3	65.610	18.750	2.940	1.810	1.400	0.370	0.780	1.070	1.780	1.160
KPNHCDDH82001	7	51.350	24.140	5.790	4.350	0.930	1.410	1.520	0.930	1.220	3.560
KPNHCDDH82002	12	47.830	24.360	4.360	7.090	1.730	0.960	1.240	0.880	2.820	4.160
KPNHCDDH82003	17	44.920	24.150	12.530	4.610	0.300	1.250	1.470	0.920	0.980	3.900
KPNHCDDH82003	18	59.510	22.080	2.450	4.050	0.300	0.970	1.090	0.780	1.290	2.690
KPNHCDDH82003	21	63.350	19.230	3.230	1.260	1.100	1.240	1.100	1.210	1.240	1.070
KPNHCDDH82003	22	58.670	22.800	3.800	2.900	0.330	1.330	1.390	0.750	0.720	2.490
KPNHCDDH82003	23	59.300	25.440	1.900	1.850	0.380	1.110	1.560	0.900	1.220	1.520
KPNHCDDH82003	24	46.750	20.300	9.530	7.510	1.700	1.050	1.700	0.680	3.060	3.620
KPNBCDDH82006	41	51.670	26.740	7.090	2.780	0.570	1.490	1.560	0.750	0.790	2.240
KPNBCDDH82006	42	48.280	23.500	8.910	4.350	1.140	1.650	1.350	0.680	1.350	3.640
KPNBCDDH82006	43	51.660	24.650	4.320	3.040	1.520	1.340	1.220	1.130	0.790	5.420
KPNLRDDH82005	31	65.930	22.050	1.920	0.920	0.760	0.750	1.140	0.780	0.770	0.520
KPNLRDDH82005	32	52.110	27.930	6.740	0.920	1.710	1.110	1.260	1.470	1.400	0.210
KPNLRDDH82005	34	48.030	24.380	4.530	7.400	0.950	1.270	1.310	0.680	1.060	5.880
KPNLRDDH82005	38	51.560	21.080	3.520	8.200	1.140	0.980	1.270	0.450	1.360	5.600
KPNSSDDH82007	47	56.240	23.790	5.580	2.110	1.140	1.600	1.260	1.050	1.030	1.850
QUALITY		56.134	23.015	4.419	3.587	0.887	1.092	1.308	0.828	1.229	2.546

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME : 10% ASH PRODUCT KLAPPAN TO

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO	SID	OIT 1404	OST 1405	OHT 1406	OFT 1407	RIT 1408	RST 1409	RHT 1410	RFT 1411
KPNHCDDH82001	1	1240.000	1430.000	1465.000	1475.000	1230.000	1420.000	1450.000	1460.000
KPNHCDDH82001	3	1215.000	1365.000	1380.000	1415.000	1215.000	1355.000	1380.000	1410.000
KPNHCDDH82001	7	1250.000	1305.000	1325.000	1345.000	1245.000	1300.000	1320.000	1330.000
KPNHCDDH82002	12	1245.000	1275.000	1290.000	1315.000	1240.000	1270.000	1280.000	1310.000
KPNHCDDH82003	17	1245.000	1285.000	1300.000	1340.000	1240.000	1280.000	1300.000	1320.000
KPNHCDDH82003	18	1230.000	1330.000	1355.000	1440.000	1230.000	1320.000	1340.000	1430.000
KPNHCDDH82003	21	1210.000	1335.000	1380.000	1440.000	1210.000	1325.000	1360.000	1430.000
KPNHCDDH82003	22	1200.000	1320.000	1355.000	1400.000	1180.000	1320.000	1355.000	1380.000
KPNHCDDH82003	23	1150.000	1425.000	1445.000	1485.000	1130.000	1410.000	1430.000	1485.000
KPNHCDDH82003	24	1180.000	1235.000	1245.000	1270.000	1170.000	1230.000	1245.000	1260.000
KPNBCDDH82006	41	1240.000	1410.000	1425.000	1440.000	1240.000	1400.000	1420.000	1440.000
KPNBCDDH82006	42	1210.000	1290.000	1310.000	1335.000	1210.000	1290.000	1310.000	1320.000
KPNBCDDH82006	43	1240.000	1265.000	1285.000	1300.000	1240.000	1260.000	1275.000	1295.000
KPNLRDDH82005	31	1190.000	1485.000	1500.000	1500.000	1190.000	1475.000	1495.000	1500.000
KPNLRDDH82005	32	1270.000	1455.000	1465.000	1495.000	1260.000	1450.000	1460.000	1485.000
KPNLRDDH82005	34	1255.000	1285.000	1300.000	1325.000	1250.000	1275.000	1290.000	1310.000
KPNLRDDH82005	38	1230.000	1265.000	1275.000	1310.000	1220.000	1265.000	1275.000	1295.000
KPNSSDDH82007	47	1215.000	1390.000	1415.000	1470.000	1205.000	1365.000	1410.000	1440.000
QUALITY		1227.048	1365.865	1387.658	1417.615	1221.152	1357.065	1379.738	1406.120

ASTERIKS MEANS NO VALUE

GR-MT. KLAPPAN 82(4)A

~~CONFIDENTIAL~~

APPENDIX IV

Washplant Simulation

Volume II

Hobbit-Broatch Area

Briquetting Coal Product

Washability Data

Individual Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 1 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 81.32 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.76	4.55	3.76	4.55	96.24	28.86
1.35	3.26	9.52	7.02	6.86	92.98	29.54
1.40	3.32	9.61	10.34	7.75	89.66	30.28
1.45	26.34	9.61	36.68	9.09	63.32	38.88
1.50	13.26	12.75	49.94	10.06	50.06	45.80
1.55	8.28	18.62	58.22	11.28	41.78	51.19
1.60	5.55	22.68	63.77	12.27	36.23	55.55
1.65	3.84	26.43	67.61	13.07	32.39	59.01
1.70	2.76	28.98	70.37	13.70	29.63	61.80
1.80	3.10	32.10	73.47	14.47	26.53	65.27
1.90	3.02	39.41	76.49	15.46	23.51	68.59
2.60	23.51	68.59	100.00	27.95	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 1 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.02 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	10.31	0.87	10.31	0.87	89.69	20.49
1.35	7.03	2.34	17.34	1.47	82.66	22.03
1.40	6.78	3.99	24.12	2.17	75.88	23.64
1.45	24.67	6.09	48.79	4.16	51.21	32.09
1.50	20.60	9.63	69.39	5.78	30.61	47.21
1.55	4.94	15.24	74.33	6.41	25.67	53.37
1.60	3.09	19.73	77.96	6.93	22.64	57.87
1.65	2.41	24.39	79.77	7.46	20.23	61.85
1.70	1.73	28.01	81.50	7.90	18.50	65.02
1.80	1.36	32.38	82.86	8.30	17.14	67.61
1.90	1.89	37.05	84.75	8.94	15.25	71.40
2.60	15.25	71.40	100.00	18.46	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 1 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.66 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	69.29	16.21	69.29	16.21	30.71	75.90
45.00	4.41	44.91	73.70	17.93	26.30	81.10
60.00	1.60	48.00	75.30	18.57	24.70	83.25
90.00	1.43	66.64	76.73	19.47	23.27	84.27
120.00	1.43	76.19	78.16	20.50	21.84	84.79
300.00	21.84	84.79	100.00	34.55	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCODHB2QQ1 SAMPLE ID 2 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 73.40 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	5.94	0.01	5.94	0.01	94.06	25.38
1.35	6.57	1.22	12.52	0.65	87.48	27.20
1.40	8.64	4.90	21.16	2.38	78.84	29.64
1.45	18.06	7.90	39.22	4.92	60.78	36.10
1.50	16.07	11.99	55.29	6.98	44.71	44.77
1.55	6.32	18.03	61.61	8.11	38.39	49.17
1.60	4.05	22.62	65.66	9.01	34.34	52.30
1.65	2.93	26.86	68.59	9.77	31.41	54.68
1.70	2.42	30.56	71.01	10.48	28.99	56.69
1.80	3.38	34.97	74.39	11.59	25.61	59.56
1.90	2.41	39.47	76.80	12.47	23.20	61.64
2.60	23.20	61.64	100.00	23.87	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 2 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.23 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	22.24	0.57	22.24	0.57	77.76	24.54
1.35	13.51	2.06	35.75	1.13	64.25	29.26
1.40	10.11	4.72	45.86	1.92	54.14	33.84
1.45	7.59	7.21	53.45	2.68	46.55	38.19
1.50	7.01	10.26	60.46	3.55	39.54	43.14
1.55	7.04	13.33	67.50	4.57	32.50	49.59
1.60	5.99	17.61	73.49	5.64	26.51	56.82
1.65	3.15	23.43	76.64	6.37	23.36	61.33
1.70	1.43	27.84	78.07	6.76	21.93	63.51
1.80	2.41	32.29	80.48	7.53	19.52	67.36
1.90	1.63	37.47	82.11	8.12	17.89	70.08
2.60	17.89	70.08	100.00	19.21	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 2 WASHABILITY ID WA1

---FROTH---

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 9.37 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	77.74	13.26	77.74	13.26	22.26	65.22
45.00	2.65	30.38	80.39	13.83	19.61	69.93
60.00	1.90	49.73	82.29	14.66	17.71	72.10
90.00	1.77	57.95	84.06	15.57	15.94	73.67
120.00	1.63	68.04	85.69	16.57	14.31	74.31
300.00	14.31	74.31	100.00	24.83	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 3 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 60.62 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	2.17	1.08	2.17	1.08	97.83	21.61
1.35	1.48	2.70	3.65	1.74	96.35	21.90
1.40	1.43	4.11	5.08	2.40	94.92	22.16
1.45	17.58	4.97	22.66	4.39	77.34	26.07
1.50	17.63	8.40	40.29	6.15	59.71	31.29
1.55	13.25	13.83	53.54	8.05	46.46	36.27
1.60	10.39	18.35	63.93	9.72	36.07	41.43
1.65	6.77	22.99	70.70	10.99	29.30	45.70
1.70	4.28	26.06	74.98	11.85	25.02	49.06
1.80	4.84	29.49	79.82	12.92	20.18	53.75
1.90	3.41	35.59	83.23	13.85	16.77	57.44
2.60	16.77	57.44	100.00	21.16	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 3 WASHABILITY ID WA1

---------FLOAT---------
FRACTION SIZE (MM) 0.60 X 0.0 RELATIVE WT% - 23.00 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	6.66	1.87	6.66	1.87	93.34	14.58
1.35	4.54	3.96	11.20	2.72	88.80	15.12
1.40	4.38	4.24	15.58	3.15	84.42	15.68
1.45	22.48	4.66	38.06	4.04	61.94	19.68
1.50	20.02	7.17	58.08	5.12	41.92	25.66
1.55	8.25	11.37	66.33	5.90	33.67	29.16
1.60	7.01	14.62	73.34	6.73	26.66	32.98
1.65	6.60	17.45	79.94	7.62	20.06	38.10
1.70	5.43	20.85	85.37	8.46	14.63	44.50
1.80	4.66	26.59	90.03	9.40	9.97	52.87
1.90	1.95	35.18	91.98	9.94	8.02	57.17
2.60	8.02	57.17	100.00	13.73	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 3 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 16.38 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	78.77	10.09	78.77	10.09	21.23	30.78
45.00	4.49	14.67	83.26	10.34	16.74	35.10
60.00	1.77	18.74	85.03	10.52	14.97	37.04
90.00	2.70	28.91	87.73	11.08	12.27	38.83
120.00	2.00	33.97	89.73	11.59	10.27	39.77
300.00	10.27	39.77	100.00	14.49	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDHB2001 SAMPLE ID 5 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 71.79 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	6.90	1.14	6.90	1.14	93.10	19.12
1.35	4.70	2.79	11.60	1.81	88.40	19.99
1.40	4.53	4.07	16.13	2.44	83.87	20.85
1.45	19.63	5.64	35.76	4.20	64.24	25.50
1.50	19.29	9.89	55.05	6.19	44.95	32.20
1.55	12.47	15.83	67.52	7.97	32.48	38.49
1.60	8.54	20.65	76.06	9.39	23.94	44.86
1.65	4.93	26.08	80.99	10.41	19.01	49.73
1.70	3.23	30.23	84.22	11.17	15.78	53.72
1.80	3.63	35.01	87.85	12.16	12.15	59.30
1.90	2.65	41.13	90.50	13.00	9.50	64.37
2.60	9.50	64.38	100.00	17.88	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCODH82001 SAMPLE ID S WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.65 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	5.34	0.33	5.34	0.33	94.66	15.31
1.35	7.94	1.31	13.28	0.92	86.72	16.60
1.40	11.48	3.33	24.76	2.03	75.24	18.62
1.45	19.51	4.62	44.27	3.17	55.73	23.52
1.50	18.37	7.38	62.64	4.41	37.36	31.46
1.55	9.63	12.04	72.27	5.42	27.73	38.21
1.60	6.19	16.29	78.46	6.28	21.54	44.50
1.65	4.04	21.13	82.50	7.01	17.50	49.90
1.70	2.76	24.39	85.26	7.57	14.74	54.67
1.80	2.80	28.36	88.06	8.23	11.94	60.84
1.90	2.16	36.30	90.22	8.90	9.78	66.26
2.60	9.78	66.26	100.00	14.51	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 5 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 10.56 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	59.48	9.49	59.48	9.49	40.52	30.14
45.00	10.94	11.11	70.42	9.75	29.58	37.18
60.00	4.37	11.42	74.79	9.84	25.21	41.64
90.00	3.68	21.41	78.47	10.39	21.53	45.10
120.00	3.32	34.90	81.79	11.38	18.21	46.96
300.00	18.21	46.96	100.00	17.86	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCODH82001 SAMPLE ID 6 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 82.91 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.04	1.51	2.04	1.51	97.96	39.85
1.35	1.39	3.73	3.44	2.41	96.56	40.37
1.40	1.34	5.57	4.78	3.29	95.22	40.86
1.45	6.83	6.85	11.61	5.39	88.39	43.49
1.50	7.54	10.86	19.15	7.54	80.85	46.53
1.55	7.94	15.57	27.09	9.89	72.91	49.90
1.60	7.93	20.60	35.02	12.32	64.98	53.47
1.65	8.24	25.64	43.26	14.86	56.74	57.52
1.70	7.44	29.61	50.70	17.02	49.30	61.73
1.80	7.82	34.26	58.52	19.33	41.48	66.91
1.90	8.12	40.38	66.64	21.89	33.36	73.36
2.60	33.36	73.36	100.00	39.06	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 6 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 11.53 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	4.42	0.45	4.42	0.45	95.58	40.50
1.35	3.95	1.79	8.37	1.08	91.63	42.17
1.40	4.74	4.38	13.11	2.27	86.89	44.23
1.45	5.67	6.07	18.78	3.42	81.22	46.89
1.50	6.44	9.23	25.22	4.91	74.78	50.14
1.55	7.70	12.68	32.92	6.72	67.08	54.44
1.60	7.40	17.63	40.32	8.73	59.68	59.00
1.65	5.42	23.66	45.74	10.49	54.26	62.53
1.70	4.03	27.38	49.77	11.86	50.23	65.35
1.80	6.57	31.61	56.34	14.17	43.66	70.43
1.90	6.76	38.08	63.10	16.73	36.90	76.35
2.60	36.90	76.35	100.00	38.73	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDHB2001 SAMPLE ID 6 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.56 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	50.81	23.12	50.81	23.12	49.19	72.00
45.00	3.30	50.88	54.11	24.82	45.89	73.52
60.00	2.91	56.41	57.02	26.43	42.98	74.67
90.00	4.47	61.19	61.49	28.96	38.51	76.24
120.00	4.04	70.64	65.53	31.53	34.47	76.89
300.00	34.47	76.89	100.00	47.17	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 7 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 77.03 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.74	1.96	1.74	1.96	98.26	31.05
1.35	1.19	4.47	2.93	2.98	97.07	31.38
1.40	1.15	5.72	4.08	3.75	95.92	31.69
1.45	16.91	6.54	20.99	6.00	79.01	37.07
1.50	16.89	9.11	37.88	7.39	62.12	44.67
1.55	11.88	13.30	49.76	8.80	50.24	52.09
1.60	8.30	18.45	58.06	10.18	41.94	58.74
1.65	4.34	25.26	62.40	11.22	37.60	62.61
1.70	2.76	29.59	65.16	12.00	34.84	65.22
1.80	3.50	34.52	68.66	13.15	31.34	68.65
1.90	3.37	41.54	72.03	14.48	27.97	71.92
2.60	27.97	71.92	100.00	30.55	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDHB2001 SAMPLE ID 7 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.36 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	4.46	0.90	4.46	0.90	95.54	32.47
1.35	3.04	2.37	7.51	1.50	92.49	33.47
1.40	2.93	3.87	10.44	2.16	89.56	34.43
1.45	16.81	5.14	27.25	4.00	72.75	41.21
1.50	15.40	7.97	42.65	5.43	57.35	50.13
1.55	6.90	12.66	49.55	6.44	50.45	55.25
1.60	5.15	16.14	54.70	7.35	46.30	59.70
1.65	4.25	19.12	58.95	8.20	41.05	63.90
1.70	3.04	22.94	61.99	8.93	38.01	67.17
1.80	3.00	29.63	64.99	9.88	35.01	70.39
1.90	3.31	36.26	68.30	11.16	31.70	73.95
2.60	31.70	73.95	100.00	31.07	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDHB2001 SAMPLE ID 7 WASHABILITY ID WA1

---FROTH---

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.61 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	52.31	16.58	52.91	16.58	47.69	64.76
45.00	3.85	33.40	56.16	17.74	43.84	67.51
60.00	3.24	45.17	59.40	19.23	40.60	69.29
90.00	3.71	57.70	63.11	21.50	36.89	70.46
120.00	4.56	64.75	67.67	24.41	32.33	71.26
300.00	32.33	71.26	100.00	39.56	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 8 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 77.44 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	3.46	0.01	3.46	0.01	96.54	28.22
1.35	5.18	1.30	8.64	0.78	91.36	29.75
1.40	8.06	4.95	16.70	2.79	83.30	32.15
1.45	14.46	7.23	31.16	4.85	68.84	37.38
1.50	14.23	10.63	45.39	6.66	54.61	44.35
1.55	9.62	15.39	55.01	8.19	44.99	50.54
1.60	7.18	21.15	62.19	9.69	37.81	56.12
1.65	4.99	28.28	67.18	11.07	32.82	60.36
1.70	3.47	32.51	70.65	12.12	29.35	63.65
1.80	4.10	36.41	74.75	13.45	25.25	68.07
1.90	3.05	41.20	77.80	14.54	22.20	71.77
2.60	22.20	71.77	100.00	27.24	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 8 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 14.63 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	14.55	0.71	14.55	0.71	85.45	23.20
1.35	11.01	2.10	25.57	1.31	74.43	26.32
1.40	11.20	4.05	36.77	2.14	63.23	30.27
1.45	13.09	6.00	49.86	3.16	50.14	36.60
1.50	12.32	9.95	62.18	4.50	37.82	45.28
1.55	7.00	15.31	69.18	5.60	30.82	52.09
1.60	3.77	19.76	72.95	6.33	27.05	56.60
1.65	3.20	24.01	76.15	7.07	23.85	60.96
1.70	2.22	27.73	78.37	7.66	21.63	64.38
1.80	2.16	32.63	80.53	8.33	19.47	67.90
1.90	2.78	38.74	83.31	9.34	16.69	72.76
2.60	16.69	72.76	100.00	19.93	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 8 WASHABILITY ID WA1

FROTH

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.93 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	72.36	10.56	72.36	10.56	27.64	58.44
45.00	3.86	18.83	76.22	10.98	23.78	64.87
60.00	2.10	28.25	78.32	11.45	21.68	68.42
90.00	2.87	50.87	81.19	12.84	18.81	71.09
120.00	2.10	68.07	83.29	14.23	16.71	71.47
300.00	16.71	71.47	100.00	23.80	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 11 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 54.82 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	0.15	3.26	0.15	3.26	99.85	28.23
1.35	0.10	6.97	0.24	4.76	99.76	28.25
1.40	0.10	7.58	0.34	5.56	99.66	28.27
1.45	9.56	7.79	9.90	7.72	90.10	30.44
1.50	12.50	10.60	22.40	9.32	77.60	33.64
1.55	17.99	14.07	40.39	11.44	59.61	39.54
1.60	16.00	18.84	56.39	13.54	43.61	47.14
1.65	7.82	25.67	64.21	15.02	35.79	51.83
1.70	4.15	29.90	68.36	15.92	31.64	54.71
1.80	5.02	34.16	73.38	17.17	26.62	58.59
1.90	6.24	39.59	79.62	18.92	20.38	64.40
2.60	20.38	64.40	100.00	28.19	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 11 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 23.80 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.25	1.36	3.25	1.36	96.75	21.87
1.35	2.22	3.11	5.47	2.07	94.53	22.31
1.40	2.14	3.98	7.61	2.61	92.39	22.73
1.45	15.51	4.56	23.12	3.92	76.88	26.40
1.50	15.74	7.48	38.86	5.36	61.14	31.27
1.55	13.62	12.08	52.48	7.11	47.52	36.77
1.60	9.56	15.92	62.04	8.47	37.96	42.02
1.65	4.61	19.62	66.65	9.24	33.35	45.11
1.70	4.28	24.39	70.93	10.15	29.07	48.17
1.80	8.36	31.38	79.29	12.39	20.71	54.94
1.90	5.04	37.49	84.33	13.89	15.67	60.55
2.60	15.67	60.55	100.00	21.20	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 11 WASHABILITY ID WA1*

---FROTH---

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 21.38 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	76.97	10.19	76.97	10.19	23.03	26.57
45.00	14.48	14.47	91.45	10.87	8.55	47.05
60.00	3.33	22.41	94.78	11.28	5.22	62.77
90.00	1.76	40.64	96.54	11.81	3.46	74.02
120.00	0.83	54.06	97.37	12.17	2.63	80.29
300.00	2.63	80.29	100.00	13.97	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCODH82002 SAMPLE ID 12 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 59.97 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.96	1.39	1.96	1.39	98.04	30.27
1.35	1.34	3.56	3.29	2.27	96.71	30.64
1.40	1.29	5.63	4.58	3.21	95.42	30.98
1.45	12.74	7.55	17.32	6.40	82.68	34.59
1.50	12.33	10.65	29.65	8.17	70.35	38.79
1.55	8.71	14.38	38.36	9.58	61.64	42.24
1.60	8.49	17.99	46.85	11.10	53.15	46.11
1.65	8.74	20.74	55.59	12.62	44.41	51.10
1.70	7.23	25.77	62.82	14.13	37.18	56.03
1.80	4.46	34.85	67.28	15.51	32.72	58.91
1.90	3.02	39.77	70.30	16.55	29.70	60.86
2.60	29.70	60.86	100.00	29.71	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCODH82002 SAMPLE ID 12 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 21.95 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	10.99	0.95	10.99	0.95	89.01	10.99
1.35	11.17	2.23	22.16	1.60	77.84	11.57
1.40	13.49	3.41	35.65	2.28	64.35	13.27
1.45	20.82	4.02	56.47	2.92	43.53	17.70
1.50	19.31	6.83	75.78	3.92	24.22	26.36
1.55	9.27	12.45	85.05	4.85	14.95	34.99
1.60	4.45	16.96	89.50	6.45	10.50	42.63
1.65	1.84	21.61	91.34	5.78	8.66	47.10
1.70	1.46	25.41	92.80	6.09	7.20	51.49
1.80	2.08	30.12	94.88	6.61	5.12	60.17
1.90	0.83	37.80	95.71	6.88	4.29	64.50
2.60	4.29	64.50	100.00	9.36	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 12 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 18.08 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	65.13	6.30	65.13	6.30	34.87	16.43
45.00	23.94	9.05	89.07	7.04	10.93	32.58
60.00	4.92	14.94	93.99	7.46	6.01	47.02
90.00	2.72	28.18	96.71	8.04	3.29	62.59
120.00	0.79	40.65	97.50	8.30	2.50	69.48
300.00	2.50	69.48	100.00	9.84	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT — INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 13 WASHABILITY ID WA1

---------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 74.36 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.19	1.34	1.19	1.34	98.81	60.78
1.35	0.81	3.43	2.01	2.18	97.99	61.25
1.40	0.78	5.43	2.79	3.09	97.21	61.70
1.45	4.23	6.22	7.02	4.97	92.98	64.22
1.50	3.67	10.75	10.69	6.96	89.31	66.42
1.55	3.12	18.21	13.81	9.50	86.19	68.17
1.60	3.14	23.90	16.95	12.17	83.05	69.84
1.65	3.20	28.04	20.15	14.69	79.85	71.52
1.70	3.24	32.82	23.39	17.20	76.61	73.15
1.80	7.53	39.12	30.92	22.54	69.08	76.86
1.90	5.62	44.41	36.54	25.90	63.46	79.74
2.60	63.46	79.74	100.00	60.07	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 13 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 14.66 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	7.36	0.96	7.36	0.96	92.64	32.48
1.35	7.14	2.34	14.50	1.64	85.50	35.00
1.40	8.61	3.69	23.11	2.40	76.89	38.50
1.45	18.07	4.21	41.18	3.20	58.82	49.03
1.50	6.29	8.82	47.47	3.94	52.53	53.85
1.55	5.77	18.16	53.24	5.48	46.76	58.25
1.60	6.26	22.40	59.50	7.26	40.50	63.79
1.65	2.44	22.96	61.94	7.88	38.06	66.41
1.70	2.26	26.94	64.20	8.55	35.80	68.90
1.80	4.19	33.95	68.39	10.11	31.61	73.54
1.90	2.93	42.89	71.32	11.46	28.68	76.87
2.60	28.68	76.67	100.00	30.16	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 13 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 10.98 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	77.80	14.48	77.80	14.48	22.20	61.81
45.00	7.87	34.73	85.67	16.35	14.33	76.67
60.00	2.88	58.67	88.55	17.72	11.45	81.20
90.00	1.88	74.72	90.43	18.91	9.57	82.48
120.00	0.88	78.84	91.31	19.48	8.69	82.84
300.00	8.69	82.84	100.00	24.89	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 16 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.19 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	2.50	1.21	2.50	1.21	97.50	36.76
1.35	1.71	3.40	4.21	2.10	95.79	37.36
1.40	1.64	6.15	5.85	3.23	94.15	37.90
1.45	6.67	8.08	12.52	5.82	87.48	40.18
1.50	7.99	12.54	20.51	8.44	79.49	42.95
1.55	9.16	17.53	29.67	11.24	70.33	46.26
1.60	9.07	21.80	38.74	13.72	61.26	49.89
1.65	7.99	25.96	46.73	15.81	53.27	53.47
1.70	5.80	29.89	52.53	17.37	47.47	56.35
1.80	5.85	35.84	58.38	19.22	41.62	59.24
1.90	4.07	39.99	62.45	20.57	37.55	61.32
2.60	37.55	61.32	100.00	35.87	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 16 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 12.77 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	11.63	1.25	11.63	1.25	88.37	36.01
1.35	7.78	3.33	19.42	2.08	80.58	39.16
1.40	6.98	5.57	26.40	3.00	73.60	42.35
1.45	6.44	7.65	32.84	3.92	67.16	45.68
1.50	6.40	11.03	39.24	5.08	60.76	49.33
1.55	6.38	14.47	45.62	6.39	54.38	53.42
1.60	6.34	18.15	51.96	7.82	48.04	58.07
1.65	5.47	21.73	57.43	9.15	42.57	62.74
1.70	4.36	25.53	61.79	10.31	38.21	66.99
1.80	6.26	31.40	68.05	12.25	31.95	73.96
1.90	3.00	43.13	71.05	13.55	28.95	77.16
2.60	28.96	77.15	100.00	31.96	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 16 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.04 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	76.24	15.95	76.24	15.95	23.76	69.12
45.00	5.49	39.74	81.73	17.55	18.27	77.95
60.00	2.05	61.23	83.78	18.62	16.22	80.06
90.00	2.24	71.47	86.02	20.00	13.98	81.44
120.00	1.00	75.93	87.02	20.64	12.98	81.86
300.00	12.98	81.86	100.00	28.69	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHC00HB2003 SAMPLE ID 17 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.70 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.99	1.61	2.99	1.61	97.01	29.71
1.35	2.04	4.15	5.03	2.64	94.97	30.26
1.40	1.96	6.57	6.99	3.74	93.01	30.76
1.45	13.41	8.03	20.40	6.56	79.60	34.59
1.50	13.50	11.93	33.90	8.70	66.10	39.21
1.55	11.50	17.67	45.40	10.97	54.60	43.75
1.60	10.38	21.94	55.78	13.01	44.22	48.87
1.65	8.17	25.36	63.95	14.59	36.05	54.20
1.70	6.02	29.81	69.97	15.90	30.03	59.09
1.80	7.19	36.43	77.16	17.81	22.84	66.22
1.90	1.88	42.72	79.04	18.40	20.96	68.33
2.60	20.96	68.33	100.00	28.87	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCODH82003 SAMPLE ID 17 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.49 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	9.85	0.90	9.85	0.90	90.15	19.62
1.35	9.39	2.71	19.24	1.78	80.76	21.58
1.40	11.13	5.48	30.37	3.13	69.63	24.16
1.45	15.99	7.31	46.36	4.58	53.64	29.18
1.50	15.36	10.64	61.72	6.09	38.28	36.62
1.55	9.27	16.02	70.99	7.38	29.01	43.20
1.60	5.25	19.21	76.24	8.20	23.76	48.50
1.65	2.63	21.13	78.87	8.63	21.13	51.91
1.70	2.64	25.06	81.51	9.16	18.49	55.74
1.80	5.35	31.28	86.86	10.52	13.14	65.69
1.90	1.51	39.67	88.37	11.02	11.63	69.07
2.60	11.63	69.07	100.00	17.77	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 17 WASHABILITY ID WA1

FROTH

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.81 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	81.91	14.60	81.91	14.60	18.09	65.05
45.00	3.79	30.29	85.70	15.30	14.30	74.27
60.00	2.05	50.06	87.75	16.11	12.25	78.32
90.00	1.60	69.29	89.35	17.06	10.65	79.67
120.00	1.02	76.75	90.37	17.74	9.63	79.98
300.00	9.63	79.98	100.00	23.73	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 18 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 75.60 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	2.74	1.19	2.74	1.19	97.26	34.80
1.35	1.87	3.46	4.61	2.11	95.39	35.41
1.40	1.80	6.43	6.41	3.32	93.59	35.97
1.45	7.04	8.54	13.45	6.05	86.55	38.20
1.50	9.22	12.41	22.67	8.64	77.33	41.28
1.55	11.41	16.54	34.08	11.29	65.92	45.66
1.60	11.40	19.91	45.48	13.45	54.52	50.92
1.65	10.01	23.23	55.49	15.21	44.51	57.14
1.70	6.88	27.09	62.37	16.52	37.63	62.64
1.80	5.64	33.72	68.01	17.95	31.99	67.74
1.90	3.94	42.44	71.95	19.29	28.05	71.30
2.60	28.05	71.30	100.00	33.88	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 18 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.26 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	9.30	1.19	9.30	1.19	90.70	32.00
1.35	7.14	3.20	16.45	2.07	83.55	34.47
1.40	7.59	5.48	24.04	3.14	75.96	37.36
1.45	8.25	7.15	32.29	4.17	67.71	41.04
1.50	8.67	9.52	40.96	5.30	59.04	45.67
1.55	9.87	12.26	50.83	6.69	49.17	52.39
1.60	9.34	16.30	60.17	8.15	39.83	60.84
1.65	5.35	21.55	65.52	9.24	34.48	66.94
1.70	2.71	26.22	68.23	9.92	31.77	70.41
1.80	3.95	32.54	72.18	11.16	27.82	75.79
1.90	1.71	40.56	73.89	11.84	26.11	78.10
2.60	26.11	78.10	100.00	29.14	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 18 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 9.14 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	72.79	11.96	72.79	11.96	27.21	57.71
45.00	9.75	26.46	82.54	13.68	17.46	75.16
60.00	3.26	44.33	85.80	14.84	14.20	82.24
90.00	1.52	70.44	87.32	15.81	12.68	83.66
120.00	1.44	79.21	88.76	16.84	11.24	84.22
300.00	11.24	84.22	100.00	24.41	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT — INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 19 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 78.93 ASH% - 0.0

SG-TNE	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.41	1.18	2.41	1.18	97.59	99.19
1.35	2.37	9.34	4.78	2.25	95.22	40.08
1.40	2.65	6.49	7.43	3.76	92.57	41.04
1.45	3.07	8.02	10.50	5.01	89.50	42.18
1.50	5.15	11.51	15.65	7.15	84.35	44.05
1.55	8.72	14.65	24.37	9.83	75.63	47.44
1.60	9.36	19.93	33.73	12.63	66.27	51.33
1.65	8.21	26.60	41.94	15.37	58.06	54.82
1.70	6.88	31.30	48.82	17.61	51.18	57.98
1.80	8.28	36.87	57.10	20.41	42.90	62.06
1.90	6.32	43.50	63.42	22.71	36.58	65.27
2.60	36.58	65.27	100.00	38.28	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDHB2003 SAMPLE ID 19 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 14.45 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	7.25	0.87	7.25	0.87	92.75	33.76
1.35	6.92	2.58	14.17	1.70	85.83	36.27
1.40	8.27	5.13	22.44	2.96	77.56	39.59
1.45	11.72	6.56	34.16	4.20	65.84	45.48
1.50	11.39	10.39	45.55	5.75	54.45	52.82
1.55	7.33	16.80	52.88	7.28	47.13	58.41
1.60	4.51	20.88	57.39	8.35	42.61	62.39
1.65	2.42	23.74	59.81	8.97	40.19	64.72
1.70	2.44	27.91	62.25	9.71	37.75	67.10
1.80	5.54	33.79	67.79	11.68	32.21	72.82
1.90	2.57	41.53	70.36	12.77	29.64	75.54
2.60	29.64	75.64	100.00	31.37	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 19 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.62 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	75.32	19.81	75.32	19.81	24.68	76.08
45.00	4.84	52.60	80.16	21.79	19.84	81.81
60.00	1.86	72.20	82.02	22.94	17.98	82.80
90.00	2.69	78.56	84.71	24.70	15.29	83.54
120.00	3.65	80.07	88.36	26.99	11.64	84.63
300.00	11.64	84.63	100.00	33.70	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 20 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 86.12 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	2.63	0.91	2.63	0.91	97.37	33.80
1.35	1.80	3.03	4.43	1.77	95.57	34.37
1.40	1.73	6.50	6.16	3.09	93.84	34.89
1.45	7.15	8.88	13.31	6.20	86.69	37.03
1.50	10.11	12.76	23.42	9.03	76.58	40.24
1.55	15.36	16.68	38.78	12.06	61.22	46.15
1.60	14.09	21.73	52.87	14.64	47.13	53.45
1.65	7.34	28.84	60.21	16.37	39.79	57.99
1.70	4.90	34.10	65.11	17.70	34.89	61.34
1.80	6.83	39.43	71.94	19.77	28.06	66.68
1.90	3.21	42.70	75.15	20.75	24.85	69.78
2.60	24.85	69.78	100.00	32.93	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 20 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 9.54 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	5.14	5.37	5.14	5.37	94.86	39.71
1.35	5.91	10.14	11.05	7.92	88.95	41.67
1.40	7.68	10.41	18.73	8.95	81.27	44.63
1.45	15.58	10.48	34.31	9.64	65.69	52.72
1.50	8.23	12.98	42.54	10.29	57.46	58.42
1.55	5.59	17.22	48.13	11.09	51.87	62.85
1.60	3.97	20.88	52.10	11.84	47.90	66.33
1.65	3.10	24.15	55.20	12.53	44.80	69.25
1.70	2.86	28.49	58.06	13.32	41.94	72.03
1.80	4.75	35.58	62.81	15.00	37.19	76.69
1.90	1.80	44.70	64.61	15.83	35.39	78.32
2.60	35.39	78.32	100.00	37.94	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 20 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 4.34 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	75.07	21.67	75.07	21.67	24.93	79.00
45.00	4.39	65.07	79.46	24.07	20.54	81.97
60.00	2.43	71.98	81.89	25.49	18.11	83.31
90.00	1.40	78.97	83.29	26.39	16.71	83.68
120.00	1.45	82.01	84.74	27.34	15.26	83.83
300.00	15.26	83.83	100.00	35.97	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDHB2003 SAMPLE ID 21 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 88.04 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	4.65	1.52	4.65	1.52	95.35	51.09
1.35	3.70	4.05	8.35	2.64	91.65	52.99
1.40	4.06	6.96	12.41	4.05	87.59	55.13
1.45	4.53	8.70	16.94	5.30	83.06	57.66
1.50	4.87	12.19	21.81	6.83	78.19	60.49
1.55	5.56	16.48	27.37	8.79	72.63	63.86
1.60	6.34	22.02	32.71	10.95	67.29	67.18
1.65	3.60	28.54	36.31	12.70	63.69	69.36
1.70	2.44	32.71	38.75	13.96	61.25	70.82
1.80	3.76	37.13	42.51	16.01	57.49	73.03
1.90	2.13	44.63	44.64	17.37	55.36	74.12
2.60	55.36	74.12	100.00	48.79	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDHB2003 SAMPLE ID 21 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.65 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	18.19	0.60	18.19	0.60	81.81	37.96
1.35	11.08	2.11	29.26	1.17	70.74	43.58
1.40	9.05	4.75	38.31	2.01	61.69	49.27
1.45	7.21	7.76	45.52	2.92	54.48	54.76
1.50	4.81	11.61	50.33	3.76	49.67	58.94
1.55	3.09	15.68	53.42	4.45	46.58	61.81
1.60	3.00	19.99	56.42	5.27	43.58	64.69
1.65	2.96	23.15	59.38	6.16	40.62	67.71
1.70	2.86	29.05	62.24	7.22	37.76	70.64
1.80	3.94	38.45	66.18	9.07	33.82	74.40
1.90	2.60	44.97	68.78	10.43	31.22	76.85
2.60	31.22	76.85	100.00	31.17	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 21 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 3.31 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	53.62	22.69	53.62	22.69	46.38	71.19
45.00	13.00	50.64	66.62	28.15	33.38	79.19
60.00	3.70	67.48	70.32	30.22	29.68	80.65
90.00	4.13	72.54	74.45	32.57	25.55	81.96
120.00	5.30	80.59	79.75	35.76	20.25	82.32
300.00	20.25	82.32	100.00	45.19	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDHB2003 SAMPLE ID 22 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 79.34 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	3.12	1.20	3.12	1.20	96.88	35.93
1.35	2.13	3.30	5.25	2.05	94.75	36.66
1.40	2.05	5.80	7.30	3.10	92.70	37.34
1.45	9.56	7.79	16.86	5.76	83.14	40.74
1.50	9.63	11.51	26.49	7.85	73.51	44.57
1.55	9.36	15.77	35.85	8.92	64.15	48.77
1.60	8.84	21.09	44.69	12.13	55.31	53.20
1.65	6.08	27.36	50.77	13.95	49.23	56.39
1.70	3.26	31.62	54.03	15.02	45.97	58.14
1.80	5.17	36.01	59.20	16.85	40.80	60.95
1.90	5.06	42.03	64.26	18.83	35.74	63.63
2.60	35.74	63.63	100.00	34.84	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 22 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.86 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.14	0.01	3.14	0.01	96.86	31.88
1.35	4.45	1.14	7.59	0.67	92.41	33.36
1.40	6.66	4.27	14.25	2.35	85.75	35.62
1.45	11.72	6.29	25.97	4.13	74.03	40.26
1.50	10.88	9.89	36.85	5.83	63.15	45.49
1.55	6.39	15.47	43.24	7.26	56.76	48.87
1.60	5.79	19.29	49.03	8.68	50.97	52.23
1.65	5.39	21.12	54.42	9.91	45.58	55.91
1.70	5.21	26.61	59.63	11.37	40.37	59.69
1.80	8.60	36.11	68.23	14.49	31.77	66.08
1.90	3.53	43.25	71.76	15.90	28.24	68.93
2.60	28.24	68.93	100.00	30.88	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 22 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.80 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	71.05	25.85	71.05	25.85	28.95	57.62
45.00	8.56	39.71	79.61	27.35	20.39	65.13
60.00	6.06	60.30	85.67	29.68	14.33	67.18
90.00	2.80	61.91	88.47	30.70	11.53	68.45
120.00	2.63	67.17	91.10	31.75	8.90	68.83
300.00	8.90	68.83	100.00	35.05	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 23 WASHABILITY ID WA1

---------FLOAT---

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 76.78 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	3.73	2.18	3.73	2.18	96.27	36.31
1.35	2.55	5.23	6.28	3.42	93.72	37.16
1.40	2.45	7.41	8.73	4.54	91.27	37.96
1.45	8.24	8.84	16.97	6.63	83.03	40.85
1.50	9.63	11.86	26.60	8.52	73.40	44.65
1.55	13.10	15.76	39.70	10.91	60.30	50.93
1.60	9.61	20.28	49.31	12.73	50.69	56.74
1.65	2.67	26.67	51.98	13.45	48.02	58.41
1.70	2.40	31.30	54.38	14.24	45.62	59.84
1.80	4.83	36.20	59.21	16.03	40.79	62.63
1.90	3.02	42.05	62.23	17.29	37.77	64.28
2.60	37.77	64.28	100.00	35.04	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 23 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.34 ASH% - 0.0

ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	7.98	0.79	7.98	0.79	92.02	24.47
1.35	8.44	2.51	16.42	1.67	83.58	26.69
1.40	10.52	5.34	26.94	3.10	73.06	29.77
1.45	16.22	7.43	43.16	4.73	56.84	36.14
1.50	15.28	10.38	58.44	6.21	41.56	45.61
1.55	8.19	15.02	66.63	7.29	33.37	53.11
1.60	4.70	19.23	71.33	8.08	28.67	58.67
1.65	2.59	23.59	73.92	8.62	26.08	62.15
1.70	2.19	28.03	76.11	9.18	23.89	65.28
1.80	3.50	34.34	79.61	10.29	20.39	70.59
1.90	1.69	41.88	81.30	10.94	18.70	73.18
2.60	18.70	73.18	100.00	22.58	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 23 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.88 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	73.33	16.16	73.33	16.16	26.67	70.40
45.00	3.88	37.12	77.21	17.22	22.79	76.07
60.00	1.91	54.82	79.12	18.13	20.88	78.01
90.00	2.87	69.63	81.99	19.93	18.01	79.35
120.00	1.92	74.54	83.91	21.18	16.09	79.92
300.00	16.09	79.92	100.00	30.63	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 24 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.16 ASH% - 0.0

SG-INC	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	7.52	0.82	7.52	0.82	92.48	25.84
1.35	6.20	2.77	13.72	1.70	86.28	27.50
1.40	7.27	6.01	20.99	3.19	79.01	29.48
1.45	8.20	8.38	29.19	4.65	70.81	31.92
1.50	8.53	11.32	37.72	6.16	62.28	34.74
1.55	8.98	13.67	46.70	7.60	53.30	38.29
1.60	8.86	18.74	55.56	9.38	44.44	42.19
1.65	6.74	25.69	62.30	11.14	37.70	45.14
1.70	3.83	29.18	66.13	12.19	33.87	46.95
1.80	4.84	32.22	70.97	13.55	29.03	49.40
1.90	5.07	37.60	76.04	15.16	23.96	51.90
2.60	23.96	51.90	100.00	23.96	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 24 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 11.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	22.08	0.98	22.08	0.98	77.92	20.73
1.35	14.25	2.78	36.33	1.69	63.67	24.75
1.40	13.18	5.02	49.51	2.57	50.49	29.89
1.45	11.70	7.33	61.21	3.48	38.79	36.70
1.50	8.68	11.19	69.89	4.44	30.11	44.05
1.55	5.62	16.56	75.51	5.34	24.49	50.36
1.60	2.99	20.52	78.50	5.92	21.50	54.51
1.65	1.38	23.91	79.88	6.23	20.12	56.61
1.70	1.39	27.91	81.27	6.60	18.73	58.74
1.80	2.87	33.40	84.14	7.52	15.86	63.33
1.90	1.49	42.10	85.63	8.12	14.37	65.53
2.60	14.37	65.53	100.00	16.37	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 24 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.18 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	79.61	12.85	79.61	12.85	20.39	64.32
45.00	7.18	37.59	86.79	14.90	13.21	78.84
60.00	1.56	62.68	88.35	15.75	11.65	81.00
90.00	2.93	69.03	91.28	17.46	8.72	85.04
120.00	2.08	76.02	93.37	18.76	6.63	87.87
300.00	6.63	87.87	100.00	23.35	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT — INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82004 SAMPLE ID 26 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 73.54 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.67	1.90	1.67	1.90	98.33	29.58
1.35	1.14	4.82	2.80	3.08	97.20	29.87
1.40	1.10	7.51	3.90	4.32	96.10	30.13
1.45	6.88	9.26	10.78	7.48	89.22	31.74
1.50	10.27	12.31	21.05	9.83	78.95	34.26
1.55	16.30	15.43	37.35	12.28	62.65	39.16
1.60	14.78	19.56	52.13	14.34	47.87	45.22
1.65	7.62	25.26	59.75	15.73	40.25	48.99
1.70	5.79	29.63	65.54	16.96	34.46	52.25
1.80	9.30	34.97	74.84	19.20	25.16	58.63
1.90	5.03	41.47	79.87	20.60	20.13	62.92
2.60	20.13	62.92	100.00	29.12	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82004 SAMPLE ID 26 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 16.93 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.63	0.94	3.63	0.84	96.37	19.73
1.35	2.48	2.60	6.10	1.61	93.90	20.19
1.40	2.39	4.61	8.49	2.45	91.51	20.59
1.45	20.17	6.29	28.66	5.15	71.34	24.64
1.50	19.78	9.64	48.44	6.98	51.56	30.39
1.55	12.80	14.63	61.24	8.58	38.76	35.60
1.60	9.12	18.11	70.36	9.82	29.64	40.98
1.65	5.50	21.06	75.86	10.63	24.14	45.51
1.70	4.45	25.20	80.31	11.44	19.69	50.10
1.80	6.70	31.94	87.01	13.02	12.99	59.47
1.90	2.20	40.10	89.21	13.68	10.79	63.43
2.60	10.79	63.43	100.00	19.05	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82004 SAMPLE ID 26 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 9.53 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	81.52	14.93	81.52	14.93	18.48	70.36
45.00	3.39	27.79	84.91	14.87	15.09	79.93
60.00	1.48	45.96	86.39	15.40	13.61	83.62
90.00	1.32	64.89	87.71	16.15	12.29	85.63
120.00	1.53	77.88	89.24	17.21	10.76	86.73
300.00	10.76	86.74	100.00	24.69	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 40 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 79.94 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.60	1.54	1.60	1.54	98.40	44.86
1.35	1.09	4.16	2.70	2.60	97.30	45.31
1.40	1.05	7.13	3.75	3.87	96.25	45.73
1.45	3.64	9.34	7.39	6.57	92.61	47.16
1.50	4.27	13.93	11.66	9.26	88.34	48.77
1.55	4.72	18.71	16.38	11.98	83.62	50.46
1.60	5.42	23.75	21.80	14.91	78.20	52.32
1.65	9.55	28.55	31.35	19.06	68.65	55.62
1.70	8.93	31.62	40.28	21.85	59.72	59.21
1.80	8.41	35.93	48.69	24.28	51.31	63.03
1.90	9.10	41.60	57.79	27.01	42.21	67.65
2.60	42.21	67.65	100.00	44.16	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 40 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 12.32 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	5.57	1.28	5.57	1.28	94.43	39.50
1.35	5.43	3.28	11.00	2.27	89.00	41.71
1.40	6.55	5.53	17.55	3.48	82.45	44.58
1.45	10.02	6.40	27.57	4.54	72.43	49.87
1.50	8.61	10.46	36.18	5.95	63.82	55.18
1.55	4.55	17.97	40.73	7.29	59.27	58.04
1.60	4.37	22.31	45.10	8.75	54.90	60.88
1.65	4.63	25.08	49.73	10.27	50.27	64.18
1.70	3.90	28.53	53.63	11.60	46.37	67.18
1.80	4.67	33.84	58.30	13.38	41.70	70.91
1.90	4.53	40.32	62.83	15.32	37.17	74.64
2.60	37.17	74.64	100.00	37.37	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 40 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.74 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	59.36	20.76	59.36	20.76	40.64	75.49
45.00	4.56	46.85	63.92	22.63	36.08	79.11
60.00	3.34	61.58	67.26	24.56	32.74	80.90
90.00	3.17	68.97	70.43	26.56	29.57	82.18
120.00	3.00	77.61	73.43	28.65	26.57	82.69
300.00	26.57	82.69	100.00	43.01	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 41 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.83 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	7.02	2.29	7.02	2.29	92.98	18.77
1.35	4.78	5.08	11.80	3.42	88.20	19.52
1.40	4.61	6.08	16.41	4.17	83.59	20.26
1.45	25.54	6.76	41.95	5.75	58.05	26.20
1.50	21.94	10.30	63.89	7.31	36.11	35.85
1.55	6.21	17.25	70.10	8.19	29.90	39.72
1.60	4.14	21.66	74.24	8.94	25.76	42.62
1.65	3.17	25.02	77.41	9.60	22.59	45.09
1.70	2.64	28.09	80.05	10.21	19.95	47.34
1.80	3.63	31.96	83.68	11.15	16.32	50.76
1.90	2.94	34.65	86.62	11.95	13.38	54.30
2.60	13.38	54.30	100.00	17.62	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCODH82006 SAMPLE ID 41 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.71 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.83	0.97	3.83	0.97	96.17	21.84
1.35	5.98	2.42	9.81	1.85	90.19	23.13
1.40	8.76	4.44	18.57	3.07	81.43	25.14
1.45	15.44	5.64	34.01	4.24	65.99	29.69
1.50	13.86	8.54	47.87	5.49	52.13	35.32
1.55	6.47	13.42	54.34	6.43	45.66	38.43
1.60	5.31	17.23	59.65	7.39	40.35	41.21
1.65	4.84	20.74	64.49	8.39	35.51	44.01
1.70	4.22	24.01	68.71	9.35	31.29	46.70
1.80	6.78	28.60	75.49	11.08	24.51	51.71
1.90	6.90	38.64	82.39	13.39	17.61	56.83
2.60	17.61	56.83	100.00	21.04	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 41 WASHABILITY ID WA1

---FROTH---

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 8.46 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	72.06	14.72	72.06	14.72	27.94	46.35
45.00	12.66	25.65	84.72	16.36	15.28	63.50
60.00	3.43	37.83	88.15	17.19	11.85	70.93
90.00	2.77	56.19	90.92	18.38	9.08	75.42
120.00	1.53	69.05	92.45	19.22	7.55	76.71
300.00	7.55	76.71	100.00	29.56	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDHB2006 SAMPLE ID 42 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.00 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.21	1.37	3.21	1.37	96.79	40.63
1.35	2.19	3.55	5.40	2.25	94.60	41.49
1.40	2.11	5.75	7.51	3.23	92.49	42.30
1.45	15.43	7.81	22.94	6.31	77.06	49.21
1.50	13.57	10.34	36.51	7.81	63.49	57.52
1.55	4.40	14.25	40.91	8.50	59.09	60.74
1.60	2.89	17.83	43.80	9.12	56.20	62.95
1.65	1.78	21.27	45.58	9.59	54.42	64.31
1.70	1.95	24.98	47.53	10.22	52.47	65.77
1.80	5.40	29.69	52.93	12.21	47.07	69.91
1.90	2.33	39.39	55.26	13.36	44.74	71.50
2.60	44.74	71.50	100.00	39.37	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE 1 INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 42 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.55 ASH% - .0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	9.09	1.79	9.09	1.79	90.91	33.98
1.35	8.16	4.23	17.25	2.95	82.75	36.91
1.40	9.12	6.27	26.37	4.09	73.63	40.71
1.45	13.55	7.93	39.92	5.40	60.08	48.10
1.50	11.72	10.66	51.64	6.59	48.36	57.17
1.55	4.60	15.09	56.24	7.29	43.76	61.60
1.60	2.88	19.45	59.12	7.88	40.88	64.57
1.65	2.45	23.81	61.57	8.51	38.43	67.16
1.70	2.06	27.97	63.63	9.14	36.37	69.38
1.80	3.06	33.93	66.69	10.28	33.31	72.64
1.90	2.73	42.81	69.42	11.56	30.58	75.30
2.60	30.58	75.30	100.00	31.05	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 42 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.45 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	66.44	20.27	66.44	20.27	33.56	65.54
45.00	7.84	36.32	74.28	21.97	25.72	74.44
60.00	2.83	49.51	77.11	22.98	22.89	77.53
90.00	3.72	63.28	80.83	24.83	19.17	80.29
120.00	3.82	73.56	84.65	27.03	15.35	81.96
300.00	15.35	81.96	100.00	35.47	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 43 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.79 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.21	1.09	2.21	1.09	97.79	31.29
1.35	1.51	3.23	3.72	1.96	96.28	31.73
1.40	1.45	6.18	5.17	3.14	94.83	32.12
1.45	13.82	7.82	18.99	6.54	81.01	36.27
1.50	14.07	13.90	33.06	8.42	66.94	41.10
1.55	12.84	21.63	45.90	12.84	54.10	45.72
1.60	9.30	25.59	55.20	14.99	44.80	49.90
1.65	4.07	27.82	59.27	15.87	40.73	52.10
1.70	3.70	30.18	62.97	16.71	37.03	54.29
1.80	8.89	33.22	71.86	18.75	28.14	60.95
1.90	4.28	42.41	76.14	20.08	23.86	64.28
2.60	23.86	64.28	100.00	30.63	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 43 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.20 ASH% - 0.0

ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	4.00	0.17	4.00	0.17	96.00	26.16
1.35	5.85	1.81	9.85	1.14	90.15	27.74
1.40	9.04	5.87	18.89	3.40	81.11	30.18
1.45	13.73	8.62	32.62	5.60	67.38	34.57
1.50	13.80	11.78	46.42	7.44	53.58	40.44
1.55	10.60	15.70	57.02	8.97	42.98	46.64
1.60	7.79	19.56	64.81	10.25	35.19	52.51
1.65	4.66	23.92	69.47	11.16	30.53	56.87
1.70	3.19	27.60	72.66	11.88	27.34	60.29
1.80	4.46	32.63	77.12	13.08	22.88	65.68
1.90	3.05	40.03	80.17	14.11	19.83	69.62
2.60	19.83	69.62	100.00	25.12	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 43 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 -RELATIVE WT% - 6.01 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	74.49	16.68	74.49	16.68	25.51	67.17
45.00	3.66	37.23	78.15	17.65	21.85	72.18
60.00	2.53	55.65	80.68	18.84	19.32	74.35
90.00	4.03	67.31	84.71	21.15	15.29	76.20
120.00	2.26	73.07	86.97	22.49	13.03	76.74
300.00	13.03	76.74	100.00	29.56	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCD0H82006 SAMPLE ID 45 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 82.45 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	2.24	0.95	2.24	0.95	97.76	29.16
1.35	1.52	2.82	3.76	1.71	96.24	29.58
1.40	1.47	5.43	5.23	2.75	94.77	29.95
1.45	12.36	7.42	17.59	6.03	82.41	33.33
1.50	12.33	11.39	29.92	8.24	70.08	37.19
1.55	10.08	16.54	40.00	10.33	60.00	40.66
1.60	9.30	20.18	49.30	12.19	50.70	44.42
1.65	8.13	23.15	57.43	13.74	42.57	48.47
1.70	6.68	26.37	64.11	15.06	35.89	52.59
1.80	9.21	31.25	73.32	17.09	26.68	59.95
1.90	6.31	40.84	79.63	18.97	20.37	65.88
2.60	20.37	65.88	100.00	28.53	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCD0H82006 SAMPLE ID 45 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 11.10 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.73	0.10	2.73	0.10	97.27	22.89
1.35	5.58	1.34	8.31	0.93	91.69	24.20
1.40	9.22	4.41	17.53	2.76	82.47	26.41
1.45	15.37	5.59	32.90	4.09	67.10	31.18
1.50	15.04	9.12	47.94	5.66	52.06	37.55
1.55	9.98	15.36	57.92	7.34	42.08	42.81
1.60	7.26	19.21	65.18	8.66	34.82	47.73
1.65	4.84	22.08	70.02	9.59	29.98	51.87
1.70	4.05	25.33	74.07	10.45	25.93	56.02
1.80	6.38	30.01	80.45	12.00	19.55	64.51
1.90	3.16	36.86	83.61	12.94	16.39	69.84
2.60	16.39	69.84	100.00	22.26	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 45 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.45 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	73.49	15.90	73.49	15.90	26.51	69.21
45.00	4.96	29.98	78.45	16.80	21.55	78.24
60.00	1.58	46.35	80.03	17.38	19.97	80.76
90.00	1.72	59.11	81.75	18.26	18.25	82.80
120.00	1.22	76.01	82.97	19.11	17.03	83.28
300.00	17.03	83.28	100.00	30.04	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 46 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 62.74 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	4.09	0.43	4.09	0.43	95.91	18.08
1.35	6.88	1.96	10.97	1.39	89.03	19.33
1.40	10.64	5.26	21.61	3.29	78.39	21.24
1.45	17.60	6.91	39.21	4.92	60.79	25.39
1.50	17.17	10.00	56.38	6.46	43.62	31.44
1.55	10.80	15.23	67.18	7.87	32.82	36.78
1.60	7.41	19.33	74.59	9.01	25.41	41.87
1.65	4.68	23.26	79.27	9.85	20.73	46.08
1.70	2.95	26.10	82.22	10.44	17.78	49.38
1.80	2.81	29.83	85.03	11.08	14.97	53.05
1.90	2.24	35.11	87.27	11.69	12.73	56.21
2.60	12.73	56.21	100.00	17.36	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDHB2006 SAMPLE ID 46 WASHABILITY ID WAi

---------FLOAT---------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 21.52 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	8.15	1.00	8.15	1.00	91.85	11.85
1.35	5.56	2.52	13.71	1.62	86.29	12.45
1.40	5.35	3.93	19.06	2.26	80.94	13.02
1.45	25.06	4.64	44.12	3.61	55.88	16.77
1.50	23.51	7.25	67.63	4.88	32.37	23.68
1.55	11.39	12.43	78.98	5.96	21.02	29.76
1.60	6.72	16.02	85.70	6.75	14.30	36.22
1.65	3.47	19.31	89.17	7.24	10.83	41.64
1.70	2.33	22.41	91.50	7.63	8.50	46.91
1.80	2.17	26.95	93.67	8.08	6.33	53.75
1.90	0.84	32.14	94.51	8.29	5.49	57.04
2.60	5.49	57.04	100.00	10.97	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 46 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 15.74 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	80.62	8.69	80.62	8.69	19.38	44.94
45.00	7.92	16.15	88.54	9.36	11.46	64.84
60.00	1.83	30.35	90.37	9.79	9.63	71.39
90.00	0.95	44.52	91.32	10.15	8.68	74.33
120.00	0.67	53.73	91.99	10.47	8.01	76.05
300.00	8.01	76.05	100.00	15.72	0.00	0.00

Washability Data

Blended Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 75.91 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	3.53	1.42	3.53	1.42	96.47	30.35
1.35	3.08	3.46	6.60	2.37	93.40	31.24
1.40	3.57	5.79	10.17	3.57	89.83	32.25
1.45	13.36	7.54	23.53	5.82	76.47	36.56
1.50	12.44	11.03	35.96	7.62	64.04	41.52
1.55	10.05	16.17	46.02	9.49	53.98	46.24
1.60	8.42	20.64	54.43	11.21	45.57	50.97
1.65	6.24	25.43	60.67	12.68	39.33	55.03
1.70	4.60	29.21	65.27	13.84	34.73	58.45
1.80	5.53	34.14	70.80	15.43	29.20	63.05
1.90	4.09	40.66	74.89	16.80	25.11	66.69
2.60	25.11	66.69	100.00	29.33	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.11 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	8.02	1.01	8.02	1.01	91.98	22.73
1.35	6.84	2.59	14.86	1.73	85.14	24.34
1.40	7.76	4.56	22.62	2.70	77.38	26.33
1.45	17.14	5.58	39.76	3.94	60.24	32.23
1.50	15.51	8.53	55.27	5.23	44.73	40.45
1.55	8.40	13.60	63.68	6.33	36.32	46.67
1.60	5.98	17.49	69.65	7.29	30.35	52.41
1.65	4.00	21.17	73.66	8.05	26.34	57.16
1.70	3.04	24.91	76.70	8.71	23.30	61.37
1.80	3.94	31.05	80.63	9.80	19.37	67.53
1.90	2.29	38.51	82.93	10.60	17.07	71.43
2.60	17.07	71.43	100.00	20.98	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 8.98 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	72.73	12.98	72.73	12.98	27.27	52.92
45.00	7.14	23.36	79.88	13.91	20.12	63.41
60.00	2.56	36.62	82.43	14.61	17.57	67.31
90.00	2.22	49.18	84.66	15.52	15.34	69.94
120.00	1.85	59.50	86.51	16.46	13.49	71.38
300.00	13.49	71.38	100.00	23.87	0.00	0.00

Washability Data

Blended Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT : KPN MINE PERIOD PROPERTY EQUIPEMENT JIG SG-ASH 19.00 EP 0.180 SG 1.89
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 75.91 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.46	0.32	0.46	0.32	100.000	0.456	0.318	0.00	0.32
1.25	0.47	0.62	0.93	0.47	100.000	0.928	0.473	0.00	0.62
1.26	0.49	0.93	1.41	0.63	100.000	1.415	0.629	0.00	0.93
1.27	0.50	1.30	1.92	0.80	100.000	1.918	0.805	0.00	1.30
1.28	0.52	1.73	2.44	1.00	100.000	2.438	1.003	0.00	1.73
1.29	0.54	2.17	2.97	1.21	100.000	2.974	1.213	0.00	2.17
1.30	0.55	2.60	3.53	1.43	100.000	3.529	1.430	0.00	2.60
1.31	0.58	2.72	4.11	1.61	100.000	4.110	1.612	0.00	2.72
1.32	0.61	2.84	4.72	1.77	100.000	4.719	1.770	0.00	2.84
1.33	0.63	3.24	5.35	1.94	100.000	5.345	1.942	0.0	3.24
1.34	0.63	3.92	5.98	2.15	100.000	5.977	2.151	0.00	3.92
1.35	0.63	4.59	6.60	2.38	100.000	6.604	2.383	0.0	4.59
1.36	0.54	4.79	7.15	2.57	100.000	7.149	2.566	0.00	4.79
1.37	0.49	4.99	7.64	2.72	100.000	7.637	2.721	0.00	4.99
1.38	0.57	5.40	8.21	2.91	100.000	8.209	2.908	0.00	5.40
1.39	0.80	6.03	9.01	3.18	100.000	9.007	3.185	0.00	6.03
1.40	1.16	6.66	10.17	3.58	99.941	10.169	3.582	0.00	6.66
1.41	1.91	6.66	12.08	4.07	99.865	12.072	4.068	0.01	6.66
1.42	2.66	6.66	14.73	4.54	99.771	14.723	4.535	0.02	6.66
1.43	3.06	7.13	17.79	4.98	99.663	17.772	4.980	0.04	7.13
1.44	3.01	8.06	20.80	5.43	99.540	20.767	5.423	0.06	8.06
1.45	2.73	8.98	23.53	5.84	99.405	23.477	5.833	0.07	8.98
1.46	2.54	9.34	26.06	6.18	99.257	25.996	6.173	0.08	9.34
1.47	2.54	9.71	28.61	6.49	99.099	28.518	6.486	0.09	9.71
1.48	2.52	10.64	31.13	6.83	98.807	31.008	6.819	0.12	10.64
1.49	2.46	12.13	33.59	7.22	98.571	33.434	7.205	0.14	12.13
1.50	2.37	13.61	35.96	7.64	98.300	35.765	7.622	0.16	13.61
1.51	2.23	14.40	38.20	8.03	98.000	37.954	8.013	0.18	14.40
1.52	2.09	15.18	40.29	8.40	97.658	39.995	8.379	0.20	15.18
1.53	1.98	16.14	42.26	8.77	97.260	41.920	8.735	0.22	16.14
1.54	1.90	17.27	44.16	9.13	96.815	43.759	9.094	0.24	17.27
1.55	1.85	18.40	46.02	9.51	96.330	45.544	9.459	0.27	18.40
1.56	1.82	18.96	47.84	9.87	95.814	47.286	9.809	0.31	18.96
1.57	1.77	19.51	49.60	10.21	95.275	48.968	10.142	0.33	19.51
1.58	1.70	20.45	51.30	10.55	94.723	50.577	10.470	0.36	20.45
1.59	1.62	21.76	52.91	10.89	94.408	52.102	10.800	0.36	21.76
1.60	1.52	23.06	54.43	11.23	93.740	53.526	11.126	0.38	23.06
1.61	1.42	23.83	55.85	11.55	92.995	54.842	11.431	0.40	23.83
1.62	1.32	24.59	57.17	11.85	92.174	56.061	11.717	0.42	24.59
1.63	1.24	25.47	58.41	12.14	91.278	57.191	11.989	0.43	25.47
1.64	1.16	26.47	59.57	12.42	90.306	58.242	12.250	0.45	26.47
1.65	1.10	27.46	60.67	12.69	88.930	59.220	12.501	0.49	27.46
1.66	1.06	28.02	61.73	12.95	87.788	60.148	12.741	0.52	28.02
1.67	1.01	28.58	62.74	13.21	86.578	61.025	12.968	0.55	28.58
1.68	0.95	29.26	63.69	13.44	85.306	61.832	13.181	0.56	29.26
1.69	0.85	30.06	64.54	13.66	83.979	62.548	13.374	0.55	30.06
1.70	0.73	30.86	65.27	13.86	82.601	63.153	13.542	0.51	30.86
1.71	0.66	31.50	65.93	14.03	81.178	63.685	13.692	0.49	31.50
1.72	0.63	32.12	66.56	14.20	79.717	64.191	13.837	0.52	32.12

1.73	0.61	32.75	67.18	14.37	78.222	64.671	13.978	0.54	32.75
1.74	0.59	33.37	67.77	14.54	76.700	65.125	14.113	0.55	33.37
1.75	0.57	33.99	68.34	14.70	75.155	65.552	14.242	0.57	33.99
1.76	0.54	34.68	68.88	14.86	73.393	65.952	14.366	0.58	34.68
1.77	0.52	35.36	69.40	15.01	71.693	66.324	14.484	0.59	35.36
1.78	0.49	36.05	69.90	15.16	69.915	66.670	14.596	0.60	36.05
1.79	0.47	36.73	70.36	15.31	68.076	66.988	14.701	0.60	36.73
1.80	0.44	37.40	70.80	15.44	66.192	67.279	14.799	0.60	37.40
1.81	0.43	37.96	71.23	15.58	64.279	67.553	14.893	0.61	37.96
1.82	0.43	38.52	71.65	15.71	62.352	67.818	14.985	0.64	38.52
1.83	0.42	39.07	72.08	15.85	60.429	68.074	15.076	0.67	39.07
1.84	0.42	39.62	72.50	15.99	58.525	68.320	15.164	0.70	39.62
1.85	0.42	40.17	72.91	16.13	56.655	68.555	15.250	0.72	40.17
1.86	0.41	40.93	73.32	16.27	54.837	68.780	15.334	0.74	40.93
1.87	0.40	41.68	73.73	16.40	53.085	68.995	15.416	0.76	41.68
1.88	0.40	42.43	74.12	16.54	51.417	69.199	15.496	0.77	42.43
1.89	0.39	43.18	74.51	16.68	49.848	69.392	15.572	0.78	43.18
1.90	0.38	43.92	74.89	16.82	48.488	69.574	15.647	0.78	43.92
1.91	0.37	44.51	75.26	16.96	47.003	69.749	15.719	0.79	44.51
1.92	0.37	45.10	75.63	17.09	45.547	69.918	15.790	0.81	45.10
1.93	0.37	45.68	76.00	17.23	44.120	70.082	15.860	0.83	45.68
1.94	0.37	46.27	76.37	17.37	42.725	70.241	15.929	0.85	46.27
1.95	0.37	46.85	76.75	17.52	41.363	70.394	15.996	0.87	46.85
1.96	0.37	47.42	77.12	17.66	40.034	70.543	16.063	0.89	47.42
1.97	0.37	48.00	77.49	17.81	38.741	70.687	16.127	0.91	48.00
1.98	0.37	48.57	77.86	17.95	37.484	70.826	16.191	0.93	48.57
1.99	0.37	49.14	78.23	18.10	36.265	70.960	16.254	0.95	49.14
2.00	0.37	49.70	78.60	18.25	35.085	71.090	16.315	0.97	49.70
2.01	0.37	50.27	78.97	18.40	33.946	71.216	16.375	0.98	50.27
2.02	0.37	50.83	79.34	18.55	32.848	71.338	16.434	1.00	50.83
2.03	0.37	51.38	79.71	18.70	31.793	71.455	16.491	1.01	51.38
2.04	0.37	51.94	80.08	18.86	30.783	71.569	16.547	1.03	51.94
2.05	0.37	52.49	80.45	19.01	29.818	71.679	16.603	1.04	52.49
2.06	0.37	53.04	80.82	19.17	28.901	71.786	16.657	1.05	53.04
2.07	0.37	53.59	81.19	19.32	28.031	71.890	16.710	1.07	53.59
2.08	0.37	54.13	81.56	19.48	27.212	71.990	16.762	1.08	54.13
2.09	0.37	54.67	81.93	19.64	26.443	72.088	16.814	1.09	54.67
2.10	0.37	55.21	82.30	19.80	25.726	72.182	16.864	1.10	55.21
2.11	0.37	55.75	82.66	19.96	25.063	72.275	16.914	1.11	55.75
2.12	0.37	56.28	83.03	20.12	24.381	72.364	16.962	1.12	56.28
2.13	0.37	56.81	83.40	20.28	23.786	72.452	17.010	1.12	56.81
2.14	0.37	57.34	83.77	20.44	23.218	72.537	17.058	1.13	57.34
2.15	0.37	57.87	84.13	20.61	22.676	72.620	17.105	1.14	57.87
2.16	0.37	58.39	84.50	20.77	22.164	72.701	17.151	1.14	58.39
2.17	0.37	58.91	84.86	20.94	21.682	72.780	17.196	1.15	58.91
2.18	0.37	59.43	85.23	21.10	21.232	72.858	17.241	1.15	59.43
2.19	0.36	59.95	85.59	21.27	20.817	72.934	17.286	1.16	59.95
2.20	0.36	60.46	85.96	21.43	20.438	73.008	17.330	1.16	60.46
2.21	0.36	60.97	86.32	21.60	20.095	73.082	17.373	1.17	60.97
2.22	0.36	61.48	86.69	21.77	19.688	73.153	17.416	1.17	61.48
2.23	0.36	61.99	87.05	21.93	19.375	73.223	17.459	1.17	61.99
2.24	0.36	62.49	87.41	22.10	19.062	73.293	17.502	1.18	62.49
2.25	0.36	63.00	87.77	22.27	18.749	73.360	17.544	1.18	63.00
2.26	0.36	64.01	88.14	22.44	18.437	73.427	17.586	1.18	64.01
2.27	0.36	65.02	88.50	22.62	18.127	73.493	17.628	1.19	65.02
2.28	0.36	66.02	88.86	22.79	17.819	73.557	17.671	1.19	66.02
2.29	0.36	67.02	89.22	22.97	17.515	73.620	17.713	1.19	67.02
2.30	0.36	68.01	89.58	23.15	17.214	73.682	17.755	1.19	68.01
2.31	0.36	69.00	89.93	23.33	16.917	73.742	17.797	1.20	69.00
2.32	0.36	69.99	90.29	23.52	16.626	73.802	17.839	1.20	69.99
2.33	0.36	70.97	90.65	23.71	16.341	73.860	17.881	1.20	70.97
2.34	0.36	71.95	91.01	23.89	16.062	73.917	17.923	1.20	71.95

2.35	0.36	72.92	91.36	24.09	15.790	73.974	17.965	1.20	72.92
2.36	0.36	73.89	91.72	24.28	15.526	74.029	18.007	1.20	73.89
2.37	0.35	74.86	92.07	24.47	15.270	74.083	18.048	1.21	74.86
2.38	0.35	75.82	92.43	24.67	15.024	74.136	18.090	1.21	75.82
2.39	0.35	76.78	92.78	24.87	14.759	74.188	18.131	1.21	76.78
2.40	0.35	77.73	93.13	25.07	14.517	74.239	18.172	1.21	77.73
2.41	0.35	78.68	93.48	25.27	14.275	74.290	18.213	1.21	78.68
2.42	0.35	79.62	93.83	25.47	14.033	74.339	18.253	1.21	79.62
2.43	0.35	80.56	94.18	25.68	13.791	74.387	18.294	1.21	80.56
2.44	0.35	81.50	94.53	25.88	13.550	74.434	18.334	1.21	81.50
2.45	0.35	82.44	94.88	26.09	13.310	74.481	18.374	1.21	82.44
2.46	0.35	83.37	95.23	26.30	13.071	74.526	18.414	1.21	83.37
2.47	0.35	84.29	95.58	26.51	12.834	74.571	18.453	1.21	84.29
2.48	0.35	85.21	95.92	26.72	12.599	74.614	18.492	1.21	85.21
2.49	0.34	86.13	96.27	26.94	12.367	74.657	18.531	1.21	86.13
2.50	0.34	87.05	96.61	27.15	12.138	74.699	18.569	1.21	87.05
2.51	0.34	87.96	96.95	27.36	11.912	74.740	18.607	1.21	87.96
2.52	0.34	88.87	97.30	27.58	11.690	74.780	18.644	1.21	88.87
2.53	0.34	89.77	97.64	27.80	11.471	74.819	18.682	1.21	89.77
2.54	0.34	90.67	97.98	28.02	11.257	74.857	18.718	1.21	90.67
2.55	0.34	91.57	98.32	28.24	11.048	74.895	18.755	1.21	91.57
2.56	0.34	92.46	98.66	28.46	10.844	74.931	18.791	1.21	92.46
2.57	0.34	93.35	98.99	28.68	10.646	74.967	18.827	1.21	93.35
2.58	0.34	94.24	99.33	28.90	10.453	75.002	18.862	1.21	94.24
2.59	0.34	95.12	99.67	29.12	10.267	75.037	18.897	1.21	95.12
2.60	0.33	96.00	100.00	29.35	10.087	75.071	18.932	1.21	96.00

RELATIVE WT %	75.91	CLEAN COAL ASH %	18.93	REFUSE ASH %	60.71
HEAD ASH %	29.35	CLEAN COAL YIELD%	75.07	REFUSE YIELD%	24.93
RAW COAL TON.	415.431152	CLEAN COAL TON.	311.866211	REFUSE TON.	103.564941
THEO. YIELD	80.26	ECART PROB. MOYEN	0.1800		
SG OF SEPARATION	2.045	IMPERFECTION	0.202		
NEAR GRAVITY MAT	7.389				
ORGANIC EFFCY.	93.53				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY EQUIPEMENT WOC2 SG-ASH 19.00 EP 0.523 SG 2.38

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.11 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ELEMENTAL ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	1.05	0.22	1.05	0.22	99.658	1.046	0.215	0.08	0.22
1.25	1.08	0.42	2.13	0.32	99.630	2.121	0.318	0.09	0.42
1.26	1.11	0.62	3.24	0.42	99.602	3.227	0.422	0.10	0.62
1.27	1.14	0.80	4.38	0.55	99.572	4.366	0.546	0.11	0.80
1.28	1.18	1.24	5.56	0.69	99.542	5.537	0.693	0.12	1.24
1.29	1.21	1.59	6.77	0.85	99.512	6.744	0.853	0.13	1.59
1.30	1.25	1.93	8.02	1.02	99.481	7.986	1.020	0.14	1.93
1.31	1.30	2.00	9.32	1.16	99.449	9.280	1.156	0.16	2.00
1.32	1.35	2.07	10.68	1.27	99.417	10.626	1.272	0.17	2.07
1.33	1.39	2.39	12.06	1.40	99.384	12.005	1.401	0.19	2.39
1.34	1.40	2.96	13.47	1.56	99.351	13.398	1.563	0.20	2.96
1.35	1.40	3.53	14.86	1.75	99.317	14.785	1.747	0.21	3.53
1.36	1.34	3.88	16.20	1.92	99.282	16.114	1.923	0.21	3.88
1.37	1.32	4.23	17.52	2.10	99.248	17.427	2.097	0.22	4.23
1.38	1.43	4.54	18.95	2.28	99.212	18.844	2.281	0.25	4.54
1.39	1.66	4.81	20.61	2.49	99.177	20.488	2.484	0.30	4.81
1.40	2.01	5.08	22.62	2.72	99.141	22.480	2.714	0.38	5.08
1.41	3.15	5.08	25.77	3.01	99.104	25.602	3.003	0.62	5.08
1.42	3.97	5.08	29.74	3.28	99.067	29.539	3.280	0.82	5.08
1.43	4.41	5.41	34.15	3.56	99.030	33.904	3.554	0.95	5.41
1.44	2.92	6.07	37.07	3.76	98.992	36.794	3.752	0.65	6.07
1.45	2.69	6.72	39.76	3.96	98.962	39.458	3.952	0.62	6.72
1.46	3.28	7.02	43.05	4.19	98.923	42.706	4.185	0.78	7.02
1.47	3.30	7.31	46.34	4.41	98.884	45.966	4.407	0.81	7.31
1.48	3.21	8.18	49.55	4.66	98.844	49.134	4.650	0.82	8.18
1.49	3.01	9.65	52.56	4.94	98.802	52.109	4.936	0.80	9.65
1.50	2.71	11.10	55.27	5.24	98.759	54.789	5.237	0.74	11.10
1.51	2.29	12.07	57.56	5.52	98.718	57.045	5.507	0.65	12.07
1.52	1.87	13.03	59.43	5.75	98.669	58.891	5.749	0.55	13.03
1.53	1.57	13.93	61.00	5.96	98.622	60.437	5.953	0.48	13.93
1.54	1.38	14.76	62.37	6.16	98.572	61.796	6.146	0.44	14.76
1.55	1.30	15.58	63.68	6.35	98.521	63.078	6.338	0.43	15.58
1.56	1.31	16.15	64.98	6.55	98.467	64.366	6.534	0.44	16.15
1.57	1.29	16.71	66.28	6.74	98.411	65.640	6.732	0.45	16.71
1.58	1.24	17.46	67.52	6.94	98.352	66.857	6.927	0.45	17.46
1.59	1.14	18.40	68.65	7.13	98.290	67.977	7.116	0.43	18.40
1.60	1.00	19.33	69.65	7.31	98.226	68.956	7.290	0.39	19.33
1.61	0.89	19.84	70.54	7.46	98.159	69.832	7.447	0.36	19.84
1.62	0.85	20.36	71.39	7.62	98.088	70.665	7.599	0.36	20.36
1.63	0.80	21.10	72.20	7.77	98.014	71.453	7.748	0.35	21.10
1.64	0.75	22.07	72.95	7.92	97.937	72.192	7.895	0.34	22.07
1.65	0.70	23.03	73.66	8.06	97.856	72.880	8.038	0.33	23.03
1.66	0.67	23.54	74.33	8.20	97.771	73.535	8.176	0.33	23.54
1.67	0.65	24.04	74.98	8.34	97.682	74.170	8.312	0.33	24.04
1.68	0.62	24.82	75.60	8.47	97.590	74.775	8.445	0.33	24.82
1.69	0.58	25.87	76.17	8.60	97.492	75.338	8.575	0.32	25.87
1.70	0.52	26.91	76.70	8.73	97.391	75.848	8.698	0.30	26.91
1.71	0.49	27.78	77.18	8.85	97.285	76.322	8.817	0.29	27.78
1.72	0.48	28.65	77.66	8.97	97.174	76.784	8.936	0.30	28.65

1.73	0.46	29.51	78.12	9.09	97.058	77.231	9.055	0.30	29.51
1.74	0.44	30.37	78.56	9.21	96.937	77.659	9.173	0.30	30.37
1.75	0.42	31.22	78.98	9.33	96.811	78.065	9.288	0.30	31.22
1.76	0.39	31.94	79.38	9.44	96.679	78.447	9.398	0.29	31.94
1.77	0.37	32.66	79.74	9.55	96.542	78.800	9.502	0.28	32.66
1.78	0.33	33.37	80.07	9.65	96.399	79.122	9.599	0.27	33.37
1.79	0.30	34.08	80.37	9.74	96.250	79.409	9.688	0.25	34.08
1.80	0.26	34.79	80.63	9.82	96.096	79.659	9.767	0.22	34.79
1.81	0.24	35.36	80.87	9.89	95.830	79.886	9.839	0.22	35.36
1.82	0.23	35.93	81.10	9.97	95.645	80.107	9.911	0.22	35.93
1.83	0.23	36.49	81.33	10.04	95.446	80.324	9.983	0.23	36.49
1.84	0.22	37.05	81.55	10.12	95.236	80.537	10.055	0.24	37.05
1.85	0.22	37.61	81.78	10.19	95.016	80.750	10.127	0.25	37.61
1.86	0.22	38.59	82.00	10.27	94.789	80.962	10.202	0.26	38.59
1.87	0.23	39.57	82.23	10.35	94.556	81.175	10.279	0.27	39.57
1.88	0.23	40.54	82.45	10.43	94.320	81.390	10.359	0.29	40.54
1.89	0.23	41.51	82.69	10.52	94.082	81.610	10.443	0.31	41.51
1.90	0.24	42.47	82.93	10.61	93.844	81.834	10.531	0.33	42.47
1.91	0.24	43.38	83.17	10.71	93.609	82.061	10.622	0.34	43.38
1.92	0.24	44.28	83.41	10.80	93.522	82.288	10.714	0.35	44.28
1.93	0.24	45.19	83.65	10.90	93.303	82.514	10.809	0.36	45.19
1.94	0.24	46.08	83.90	11.01	93.089	82.740	10.905	0.37	46.08
1.95	0.24	46.98	84.14	11.11	92.873	82.965	11.003	0.38	46.98
1.96	0.24	47.87	84.38	11.22	92.649	83.189	11.102	0.39	47.87
1.97	0.24	48.75	84.62	11.32	92.410	83.413	11.203	0.41	48.75
1.98	0.24	49.63	84.86	11.43	92.152	83.636	11.305	0.42	49.63
1.99	0.24	50.50	85.11	11.54	91.867	83.858	11.409	0.43	50.50
2.00	0.24	51.37	85.35	11.66	91.550	84.079	11.514	0.45	51.37
2.01	0.24	52.24	85.59	11.77	91.194	84.299	11.621	0.47	52.24
2.02	0.24	53.10	85.83	11.89	90.594	84.518	11.728	0.50	53.10
2.03	0.24	53.96	86.07	12.00	90.176	84.736	11.837	0.52	53.96
2.04	0.24	54.81	86.31	12.12	89.748	84.953	11.947	0.55	54.81
2.05	0.24	55.66	86.56	12.25	89.311	85.168	12.057	0.57	55.66
2.06	0.24	56.51	86.80	12.37	88.867	85.383	12.169	0.59	56.51
2.07	0.24	57.35	87.04	12.49	88.416	85.596	12.282	0.62	57.35
2.08	0.24	58.19	87.28	12.62	87.961	85.809	12.395	0.64	58.19
2.09	0.24	59.02	87.52	12.75	87.502	86.020	12.510	0.67	59.02
2.10	0.24	59.85	87.76	12.88	87.041	86.230	12.625	0.69	59.85
2.11	0.24	60.67	88.00	13.01	86.579	86.439	12.741	0.72	60.67
2.12	0.24	61.49	88.25	13.14	86.118	86.647	12.858	0.74	61.49
2.13	0.24	62.31	88.49	13.28	85.659	86.854	12.976	0.77	62.31
2.14	0.24	63.12	88.73	13.41	85.203	87.060	13.094	0.79	63.12
2.15	0.24	63.93	88.97	13.55	84.752	87.264	13.214	0.81	63.93
2.16	0.24	64.74	89.21	13.69	84.307	87.468	13.334	0.84	64.74
2.17	0.24	65.54	89.45	13.83	83.870	87.671	13.454	0.86	65.54
2.18	0.24	66.34	89.69	13.97	83.565	87.873	13.576	0.88	66.34
2.19	0.24	67.13	89.94	14.11	83.133	88.074	13.698	0.90	67.13
2.20	0.24	67.93	90.18	14.26	82.702	88.274	13.821	0.93	67.93
2.21	0.24	68.71	90.42	14.40	82.272	88.473	13.944	0.95	68.71
2.22	0.24	69.50	90.66	14.55	81.844	88.671	14.069	0.97	69.50
2.23	0.24	70.28	90.90	14.70	81.417	88.868	14.193	0.99	70.28
2.24	0.24	71.05	91.15	14.85	80.990	89.064	14.318	1.02	71.05
2.25	0.24	71.83	91.39	15.00	80.564	89.259	14.444	1.04	71.83
2.26	0.24	72.57	91.63	15.15	80.138	89.453	14.570	1.06	72.57
2.27	0.24	73.31	91.87	15.30	79.712	89.647	14.697	1.09	73.31
2.28	0.24	74.04	92.12	15.46	79.286	89.839	14.824	1.11	74.04
2.29	0.24	74.77	92.36	15.61	78.860	90.031	14.952	1.14	74.77
2.30	0.24	75.50	92.60	15.77	78.432	90.221	15.080	1.16	75.50
2.31	0.24	76.23	92.85	15.93	78.004	90.411	15.208	1.18	76.23
2.32	0.24	76.95	93.09	16.09	77.574	90.600	15.337	1.21	76.95
2.33	0.24	77.67	93.33	16.25	77.143	90.788	15.466	1.23	77.67
2.34	0.24	78.39	93.58	16.41	76.710	90.974	15.595	1.26	78.39

2.35	0.24	79.10	93.82	16.57	76.275	91.160	15.724	1.28	79.10
2.36	0.24	79.81	94.06	16.74	75.838	91.346	15.854	1.30	79.81
2.37	0.24	80.52	94.31	16.90	75.398	91.530	15.984	1.33	80.52
2.38	0.24	81.22	94.55	17.07	74.956	91.713	16.115	1.35	81.22
2.39	0.24	81.92	94.80	17.24	74.550	91.895	16.245	1.38	81.92
2.40	0.24	82.62	95.04	17.41	74.089	92.077	16.376	1.40	82.62
2.41	0.25	83.31	95.29	17.58	73.616	92.257	16.507	1.43	83.31
2.42	0.25	84.01	95.53	17.75	73.133	92.437	16.638	1.46	84.01
2.43	0.25	84.69	95.78	17.92	72.640	92.615	16.769	1.49	84.69
2.44	0.25	85.38	96.02	18.09	72.138	92.793	16.901	1.52	85.38
2.45	0.25	86.07	96.27	18.26	71.627	92.969	17.032	1.54	86.07
2.46	0.25	86.75	96.52	18.44	71.109	93.144	17.163	1.57	86.75
2.47	0.25	87.42	96.76	18.62	70.583	93.318	17.294	1.60	87.42
2.48	0.25	88.10	97.01	18.79	70.051	93.491	17.425	1.64	88.10
2.49	0.25	88.77	97.26	18.97	69.512	93.663	17.556	1.67	88.77
2.50	0.25	89.44	97.51	19.15	68.969	93.834	17.687	1.70	89.44
2.51	0.25	90.11	97.75	19.33	68.421	94.004	17.817	1.73	90.11
2.52	0.25	90.78	98.00	19.51	67.868	94.172	17.948	1.76	90.78
2.53	0.25	91.44	98.25	19.69	67.313	94.339	18.078	1.80	91.44
2.54	0.25	92.10	98.50	19.87	66.754	94.506	18.208	1.83	92.10
2.55	0.25	92.75	98.75	20.06	66.194	94.671	18.338	1.86	92.75
2.56	0.25	93.41	99.00	20.24	65.632	94.834	18.468	1.90	93.41
2.57	0.25	94.06	99.25	20.43	65.069	94.997	18.597	1.93	94.06
2.58	0.25	94.71	99.50	20.62	64.506	95.158	18.727	1.96	94.71
2.59	0.25	95.36	99.75	20.80	63.944	95.319	18.855	2.00	95.36
2.60	0.25	96.00	100.00	20.99	63.427	95.478	18.984	2.03	96.00

RELATIVE WT %	15.11	CLEAN COAL ASH %	18.98	REFUSE ASH %	63.41
HEAD ASH %	20.99	CLEAN COAL YIELD%	95.48	REFUSE YIELD%	4.52
RAW COAL TON.	82.675308	CLEAN COAL TON.	78.936630	REFUSE TON.	3.738678
THEO. YIELD	97.28	ECART PROB. MOYEN	0.5229		
SG OF SEPARATION	2.491	IMPERFECTION	0.379		
NEAR GRAVITY MAT	4.952				
ORGANIC EFFCY.	98.15				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY EQUIPEMENT FRTH SG-ASH 19.00 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 8.98 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	72.73	12.98	72.73	12.98					
45.00	7.14	23.36	79.88	13.91					
60.00	2.56	36.62	82.43	14.61					
90.00	2.22	49.18	84.66	15.52					
120.00	1.85	59.50	86.51	16.46					
300.00	13.49	71.38	100.00	23.87					

RELATIVE WT % 8.98 CLEAN COAL ASH % 19.00 REFUSE ASH % 56.22
HEAD ASH % 23.87 CLEAN COAL YIELD% 86.92 REFUSE YIELD% 13.08
RAW COAL TON. 49.153183 CLEAN COAL TON. 42.722290 REFUSE TON. 6.430893

Yield Table

Blended Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : BLEND SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN HO

MINE PERIOD : PROPERTY

FRACTION SIZE (MM) 10.00 0.60 0.60 0.15 0.15 0.0

EQUIPMENT	JIG	WOC2	FRTH	
RELATIVE WEIGHT %	75.91	15.11	8.98	100.00
HEAD ASH %	29.35	20.99	23.87	27.59
RAW COAL TONNAGE	415.431152	82.678308	49.153183	547.259521
CLEAN COAL ASH %	18.93	18.98	19.00	18.95
CLEAN COAL YIELD	75.07	95.48	86.92	79.22
CLEAN COAL TONNAGE	311.866211	78.936630	42.722290	433.524902
THEORETICAL YIELD	80.26	97.28	0.0	
THEO. CUTPOINT	2.045	2.49	0.0	
NEAR GRAVITY MATERIAL	7.389	4.952	0.0	
ORGANIC EFFICIENCY	93.53	98.15	0.0	
ECART PROBABLE MOYEN	0.1800	0.523	0.0	
IMPERFECTION	0.202	0.379	0.0	
REFUSE ASH	60.71	63.41	56.22	60.54
REFUSE YIELD	24.93	4.52	13.08	20.78
REFUSE TONNAGE	103.564941	3.738678	6.430893	113.734512

Washability Data

Individual Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 1 WID: WA1 EQUIPE JIG SG-ASH 19.00 EP 0.180 SG 1.89

---------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 81.32 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.55	1.17	0.55	1.17	100.000	0.550	1.170	0.0	1.17
1.25	0.55	2.33	1.10	1.75	100.000	1.100	1.750	0.0	2.33
1.26	0.54	3.47	1.64	2.32	100.000	1.640	2.316	0.0	3.47
1.27	0.54	4.61	2.18	2.88	100.000	2.180	2.884	0.0	4.61
1.28	0.53	5.73	2.71	3.44	100.000	2.710	3.441	0.0	5.73
1.29	0.53	6.85	3.24	4.00	100.000	3.240	3.999	0.0	6.85
1.30	0.52	7.96	3.76	4.55	100.000	3.760	4.546	0.0	7.96
1.31	0.52	9.06	4.28	5.09	100.000	4.280	5.095	0.0	9.06
1.32	0.69	9.61	4.97	5.72	100.000	4.970	5.722	0.0	9.61
1.33	0.69	9.61	5.66	6.20	100.000	5.660	6.196	0.0	9.61
1.34	0.68	9.61	6.34	6.56	100.000	6.340	6.562	0.0	9.61
1.35	0.68	9.61	7.02	6.86	100.000	7.020	6.857	0.0	9.61
1.36	0.67	9.61	7.69	7.10	100.000	7.690	7.097	0.0	9.61
1.37	0.67	9.61	8.36	7.30	100.000	8.360	7.298	0.0	9.61
1.38	0.66	9.61	9.02	7.47	100.000	9.020	7.468	0.0	9.61
1.39	0.66	9.61	9.68	7.61	100.000	9.680	7.614	0.0	9.61
1.40	0.65	9.61	10.33	7.74	99.941	10.330	7.739	0.00	9.61
1.41	3.79	9.61	14.12	8.24	99.865	14.114	8.241	0.02	9.61
1.42	4.81	9.61	18.93	8.59	99.771	18.913	8.588	0.05	9.61
1.43	5.54	9.61	24.47	8.82	99.663	24.435	8.819	0.08	9.61
1.44	6.01	9.61	30.48	8.98	99.540	30.417	8.975	0.12	9.61
1.45	6.20	9.61	36.68	9.08	99.405	36.580	9.082	0.16	9.61
1.46	3.34	10.79	40.02	9.23	99.257	39.895	9.224	0.11	10.79
1.47	3.15	11.97	43.17	9.43	99.099	43.017	9.423	0.13	11.97
1.48	2.80	13.13	45.97	9.65	98.807	45.784	9.647	0.15	13.13
1.49	2.30	14.29	48.27	9.87	98.571	48.051	9.866	0.15	14.29
1.50	1.66	15.44	49.93	10.06	98.300	49.683	10.049	0.12	15.44
1.51	1.81	16.54	51.74	10.28	98.000	51.456	10.273	0.16	16.54
1.52	1.74	17.64	53.48	10.52	97.658	53.156	10.508	0.18	17.64
1.53	1.67	18.73	55.15	10.77	97.260	54.780	10.752	0.20	18.73
1.54	1.58	19.82	56.73	11.02	96.815	56.310	10.999	0.22	19.82
1.55	1.48	20.89	58.21	11.27	96.330	57.735	11.243	0.24	20.89
1.56	1.37	21.55	59.58	11.51	95.814	59.048	11.472	0.25	21.55
1.57	1.25	22.19	60.83	11.73	95.275	60.239	11.684	0.26	22.19
1.58	1.12	22.84	61.95	11.93	94.723	61.300	11.877	0.26	22.84
1.59	0.98	23.48	62.93	12.11	94.408	62.225	12.049	0.24	23.48
1.60	0.83	24.12	63.76	12.27	93.740	63.003	12.198	0.23	24.12
1.61	0.76	24.90	64.52	12.42	92.995	63.710	12.339	0.24	24.90
1.62	0.78	25.67	65.30	12.57	92.174	64.429	12.488	0.27	25.67
1.63	0.78	26.44	66.08	12.74	91.278	65.141	12.641	0.30	26.44
1.64	0.77	27.21	66.85	12.91	90.306	65.836	12.794	0.33	27.21
1.65	0.74	27.97	67.59	13.07	88.930	66.494	12.945	0.36	27.97
1.66	0.70	28.35	68.29	13.23	87.788	67.109	13.086	0.38	28.35
1.67	0.64	28.72	68.93	13.37	86.578	67.663	13.214	0.38	28.72
1.68	0.57	29.09	69.50	13.50	85.306	68.149	13.327	0.37	29.09
1.69	0.48	29.46	69.98	13.61	83.979	68.552	13.422	0.34	29.46
1.70	0.37	29.82	70.35	13.69	82.601	68.858	13.495	0.28	29.82
1.71	0.31	30.01	70.66	13.77	81.178	69.109	13.555	0.26	30.01
1.72	0.31	30.20	70.97	13.84	79.717	69.356	13.614	0.28	30.20

1.73	0.31	30.39	71.28	13.91	78.222	69.599	13.673	0.30	30.39
1.74	0.31	30.58	71.59	13.98	76.700	69.837	13.730	0.32	30.58
1.75	0.31	30.76	71.90	14.05	75.155	70.070	13.787	0.34	30.76
1.76	0.31	31.81	72.21	14.13	73.393	70.297	13.845	0.36	31.81
1.77	0.31	32.84	72.52	14.21	71.693	70.519	13.905	0.39	32.84
1.78	0.31	33.87	72.83	14.29	69.915	70.736	13.966	0.41	33.87
1.79	0.31	34.89	73.14	14.38	68.076	70.947	14.028	0.44	34.89
1.80	0.30	35.91	73.44	14.47	66.192	71.146	14.089	0.45	35.91
1.81	0.30	36.63	73.74	14.56	64.279	71.339	14.150	0.47	36.63
1.82	0.30	37.35	74.04	14.65	62.352	71.526	14.211	0.50	37.35
1.83	0.30	38.06	74.34	14.75	60.429	71.707	14.271	0.52	38.06
1.84	0.30	38.77	74.64	14.84	58.525	71.883	14.331	0.55	38.77
1.85	0.30	39.48	74.94	14.94	56.655	72.053	14.391	0.57	39.48
1.86	0.30	39.90	75.24	15.04	54.837	72.217	14.449	0.60	39.90
1.87	0.30	40.33	75.54	15.14	53.085	72.376	14.506	0.62	40.33
1.88	0.30	40.75	75.84	15.24	51.417	72.531	14.561	0.64	40.75
1.89	0.30	41.17	76.14	15.34	49.848	72.680	14.616	0.66	41.17
1.90	0.30	41.59	76.44	15.45	48.488	72.826	14.670	0.68	41.59
1.91	0.31	41.93	76.75	15.55	47.003	72.971	14.724	0.73	41.93
1.92	0.31	42.26	77.06	15.66	45.547	73.112	14.778	0.75	42.26
1.93	0.31	42.60	77.37	15.77	44.120	73.249	14.830	0.77	42.60
1.94	0.32	42.93	77.69	15.88	42.725	73.386	14.882	0.81	42.93
1.95	0.32	43.26	78.01	15.99	41.363	73.518	14.933	0.83	43.26
1.96	0.32	43.72	78.33	16.11	40.034	73.646	14.983	0.85	43.72
1.97	0.32	44.18	78.65	16.22	38.741	73.770	15.032	0.87	44.18
1.98	0.32	44.64	78.97	16.34	37.484	73.890	15.080	0.88	44.64
1.99	0.32	45.10	79.29	16.45	36.265	74.006	15.127	0.90	45.10
2.00	0.31	45.55	79.60	16.57	35.085	74.115	15.172	0.89	45.55
2.01	0.13	45.96	79.73	16.61	33.946	74.159	15.190	0.38	45.96
2.02	0.13	46.37	79.86	16.66	32.848	74.202	15.208	0.39	46.37
2.03	0.13	46.78	79.99	16.71	31.793	74.243	15.226	0.39	46.78
2.04	0.12	47.18	80.11	16.76	30.783	74.280	15.242	0.37	47.18
2.05	0.12	47.58	80.23	16.80	29.818	74.316	15.257	0.37	47.58
2.06	0.47	47.59	80.70	16.98	28.901	74.452	15.316	1.48	47.59
2.07	0.45	47.59	81.15	17.15	28.031	74.578	15.371	1.43	47.59
2.08	0.43	47.59	81.58	17.31	27.212	74.695	15.421	1.38	47.59
2.09	0.40	47.59	81.98	17.46	26.443	74.801	15.467	1.30	47.59
2.10	0.38	47.59	82.36	17.60	25.726	74.899	15.509	1.25	47.59
2.11	0.09	47.59	82.45	17.63	25.063	74.921	15.518	0.30	47.59
2.12	0.09	47.59	82.54	17.66	24.381	74.943	15.528	0.30	47.59
2.13	0.09	47.59	82.63	17.70	23.786	74.964	15.537	0.30	47.59
2.14	0.09	47.59	82.72	17.73	23.218	74.985	15.546	0.31	47.59
2.15	0.09	47.59	82.81	17.76	22.676	75.006	15.555	0.31	47.59
2.16	0.0	48.83	82.81	17.76	22.164	75.006	15.555	0.0	48.83
2.17	0.0	50.06	82.81	17.76	21.682	75.006	15.555	0.0	50.06
2.18	0.0	51.29	82.81	17.76	21.232	75.006	15.555	0.0	51.29
2.19	0.0	52.51	82.81	17.76	20.817	75.006	15.555	0.0	52.51
2.20	0.0	53.72	82.81	17.76	20.438	75.006	15.555	0.0	53.72
2.21	0.09	54.71	82.90	17.80	20.095	75.024	15.564	0.32	54.71
2.22	0.11	55.68	83.01	17.85	19.688	75.046	15.576	0.39	55.68
2.23	0.12	56.66	83.13	17.91	19.375	75.069	15.588	0.43	56.66
2.24	0.13	57.62	83.26	17.97	19.062	75.094	15.602	0.47	57.62
2.25	0.15	58.59	83.41	18.04	18.749	75.122	15.618	0.54	58.59
2.26	0.16	59.91	83.57	18.12	18.437	75.151	15.636	0.58	59.91
2.27	0.18	61.22	83.75	18.22	18.127	75.184	15.655	0.65	61.22
2.28	0.20	62.52	83.95	18.32	17.819	75.219	15.678	0.73	62.52
2.29	0.21	63.82	84.16	18.44	17.515	75.256	15.701	0.77	63.82
2.30	0.23	65.12	84.39	18.56	17.214	75.296	15.727	0.84	65.12
2.31	0.55	65.90	84.94	18.87	16.917	75.389	15.789	2.02	65.90
2.32	0.55	66.69	85.49	19.18	16.626	75.480	15.851	2.03	66.69
2.33	0.55	67.47	86.04	19.49	16.341	75.570	15.912	2.03	67.47
2.34	0.54	68.25	86.58	19.79	16.062	75.657	15.972	2.00	68.25

2.35	0.54	69.02	87.12	20.10	15.790	75.742	16.032	2.01	69.02
2.36	0.54	69.79	87.66	20.40	15.526	75.826	16.091	2.02	69.79
2.37	0.54	70.56	88.20	20.71	15.270	75.908	16.151	2.02	70.56
2.38	0.53	71.32	88.73	21.01	15.024	75.988	16.208	1.99	71.32
2.39	0.53	72.08	89.26	21.31	14.759	76.066	16.266	2.00	72.08
2.40	0.53	72.84	89.79	21.62	14.517	76.143	16.323	2.00	72.84
2.41	0.53	73.60	90.32	21.92	14.275	76.219	16.380	2.01	73.60
2.42	0.53	74.35	90.85	22.23	14.033	76.293	16.436	2.01	74.35
2.43	0.52	75.10	91.37	22.53	13.791	76.365	16.491	1.98	75.10
2.44	0.52	75.84	91.89	22.83	13.550	76.435	16.546	1.99	75.84
2.45	0.52	76.58	92.41	23.13	13.310	76.505	16.600	1.99	76.58
2.46	0.52	77.91	92.93	23.44	13.071	76.573	16.655	2.00	77.91
2.47	0.51	79.24	93.44	23.74	12.834	76.638	16.708	1.96	79.24
2.48	0.51	80.56	93.95	24.05	12.599	76.702	16.762	1.97	80.56
2.49	0.51	81.87	94.46	24.37	12.367	76.765	16.815	1.98	81.87
2.50	0.51	83.18	94.97	24.68	12.138	76.827	16.869	1.98	83.18
2.51	0.51	84.49	95.48	25.00	11.912	76.888	16.922	1.99	84.49
2.52	0.50	85.79	95.98	25.32	11.690	76.947	16.975	1.95	85.79
2.53	0.50	87.08	96.48	25.64	11.471	77.004	17.027	1.96	87.08
2.54	0.50	88.37	96.98	25.96	11.257	77.060	17.079	1.96	88.37
2.55	0.50	89.65	97.48	26.29	11.048	77.115	17.131	1.97	89.65
2.56	0.50	90.93	97.98	26.62	10.844	77.170	17.183	1.97	90.93
2.57	0.49	92.21	98.47	26.94	10.646	77.222	17.233	1.93	92.21
2.58	0.49	93.48	98.96	27.27	10.453	77.273	17.284	1.94	93.48
2.59	0.49	94.74	99.45	27.61	10.267	77.323	17.334	1.94	94.74
2.60	0.49	96.00	99.94	27.94	10.087	77.373	17.385	1.95	96.00

HEAD ASH %	27.94	CLEAN COAL ASH %	17.38	REFUSE ASH %	64.04
THEO. YIELD	81.77	CLEAN COAL YIELD%	77.37	REFUSE YIELD%	22.63
SG OF SEPARATION	2.085	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	3.684	IMPERFECTION	0.202		
ORGANIC EFFCY.	94.62				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 2 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 73.40 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.31	0.01	0.31	0.01	100.000	0.310	0.010	0.0	0.01
1.25	0.49	0.01	0.80	0.01	100.000	0.800	0.010	0.0	0.01
1.26	0.67	0.01	1.47	0.01	100.000	1.470	0.010	0.0	0.01
1.27	0.85	0.01	2.32	0.01	100.000	2.320	0.010	0.0	0.01
1.28	1.03	0.01	3.35	0.01	100.000	3.350	0.010	0.0	0.01
1.29	1.21	0.01	4.56	0.01	100.000	4.560	0.010	0.0	0.01
1.30	1.38	0.01	5.94	0.01	100.000	5.940	0.010	0.0	0.01
1.31	1.55	0.01	7.49	0.01	100.000	7.490	0.010	0.0	0.01
1.32	1.09	0.39	8.58	0.06	100.000	8.580	0.058	0.0	0.39
1.33	1.20	1.14	9.78	0.19	100.000	9.780	0.191	0.0	1.14
1.34	1.31	1.89	11.09	0.39	100.000	11.090	0.392	0.0	1.89
1.35	1.42	2.63	12.51	0.65	100.000	12.510	0.646	0.0	2.63
1.36	1.52	3.37	14.03	0.94	100.000	14.030	0.941	0.0	3.37
1.37	1.63	4.10	15.66	1.27	100.000	15.660	1.270	0.0	4.10
1.38	1.73	4.82	17.39	1.62	100.000	17.390	1.623	0.0	4.82
1.39	1.83	5.54	19.22	2.00	100.000	19.220	1.996	0.0	5.54
1.40	1.93	6.26	21.15	2.38	99.941	21.149	2.385	0.01	6.26
1.41	2.67	6.77	23.82	2.88	99.865	23.815	2.876	0.02	6.77
1.42	3.32	7.29	27.14	3.42	99.771	27.128	3.415	0.03	7.29
1.43	3.80	7.79	30.94	3.95	99.663	30.915	3.951	0.06	7.79
1.44	4.08	8.30	35.02	4.46	99.540	34.976	4.456	0.09	8.30
1.45	4.19	8.80	39.21	4.92	99.405	39.141	4.918	0.11	8.80
1.46	4.11	10.01	43.32	5.41	99.257	43.221	5.399	0.14	10.01
1.47	3.85	11.21	47.17	5.88	99.099	47.036	5.870	0.16	11.21
1.48	3.40	12.40	50.57	6.32	98.807	50.395	6.305	0.18	12.40
1.49	2.77	13.58	53.34	6.70	98.571	53.126	6.679	0.18	13.58
1.50	1.95	14.75	55.29	6.98	98.300	55.043	6.960	0.15	14.75
1.51	1.44	15.91	56.73	7.21	98.000	56.454	7.184	0.13	15.91
1.52	1.35	17.06	58.08	7.44	97.658	57.772	7.409	0.14	17.06
1.53	1.27	18.20	59.35	7.67	97.260	59.007	7.635	0.16	18.20
1.54	1.18	19.33	60.53	7.89	96.815	60.150	7.857	0.17	19.33
1.55	1.09	20.46	61.62	8.12	96.330	61.200	8.074	0.18	20.46
1.56	1.00	21.25	62.62	8.33	95.814	62.158	8.277	0.19	21.25
1.57	0.90	22.03	63.52	8.52	95.275	63.015	8.464	0.19	22.03
1.58	0.81	22.81	64.33	8.70	94.723	63.783	8.636	0.19	22.81
1.59	0.72	23.58	65.05	8.86	94.408	64.462	8.794	0.18	23.58
1.60	0.62	24.35	65.67	9.01	93.740	65.044	8.933	0.18	24.35
1.61	0.58	25.19	66.25	9.15	92.995	65.583	9.067	0.18	25.19
1.62	0.59	26.03	66.84	9.30	92.174	66.127	9.206	0.21	26.03
1.63	0.59	26.87	67.43	9.45	91.278	66.665	9.349	0.23	26.87
1.64	0.59	27.70	68.02	9.61	90.306	67.198	9.494	0.26	27.70
1.65	0.58	28.52	68.60	9.77	88.930	67.714	9.639	0.29	28.52
1.66	0.56	29.24	69.16	9.93	87.788	68.206	9.781	0.31	29.24
1.67	0.53	29.96	69.69	10.08	86.578	68.664	9.915	0.32	29.96
1.68	0.49	30.68	70.18	10.23	85.306	69.082	10.041	0.33	30.68
1.69	0.45	31.39	70.63	10.36	83.979	69.460	10.157	0.33	31.39
1.70	0.40	32.09	71.03	10.48	82.601	69.791	10.261	0.33	32.09
1.71	.7	32.68	71.40	10.60	81.178	70.091	10.357		32.68
1.72	.7	33.25	71.77	10.72	79.717	70.386	10.453		33.25

1.73	0.37	33.83	72.14	10.83	78.222	70.675	10.549	0.37	33.83
1.74	0.36	34.40	72.50	10.95	76.700	70.952	10.642	0.38	34.40
1.75	0.36	34.97	72.86	11.07	75.155	71.222	10.734	0.41	34.97
1.76	0.34	35.45	73.20	11.18	73.393	71.472	10.820	0.41	35.45
1.77	0.33	35.93	73.53	11.28	71.693	71.708	10.903	0.42	35.93
1.78	0.31	36.40	73.84	11.40	69.915	71.925	10.980	0.42	36.40
1.79	0.29	36.88	74.13	11.50	68.076	72.122	11.051	0.42	36.88
1.80	0.27	37.35	74.40	11.59	66.192	72.301	11.116	0.41	37.35
1.81	0.25	37.74	74.65	11.68	64.279	72.462	11.175	0.41	37.74
1.82	0.25	38.13	74.90	11.77	62.352	72.618	11.233	0.43	38.13
1.83	0.25	38.52	75.15	11.86	60.429	72.769	11.290	0.45	38.52
1.84	0.25	38.91	75.40	11.95	58.525	72.915	11.345	0.47	38.91
1.85	0.24	39.29	75.64	12.03	56.655	73.051	11.397	0.47	39.29
1.86	0.24	39.70	75.88	12.12	54.837	73.183	11.448	0.49	39.70
1.87	0.24	40.11	76.12	12.21	53.085	73.310	11.498	0.51	40.11
1.88	0.23	40.52	76.35	12.30	51.417	73.428	11.544	0.51	40.52
1.89	0.23	40.92	76.58	12.38	49.848	73.543	11.590	0.52	40.92
1.90	0.23	41.32	76.81	12.47	48.488	73.655	11.635	0.64	41.32
1.91	0.22	41.61	77.03	12.55	47.003	73.758	11.677	0.53	41.61
1.92	0.21	41.89	77.24	12.63	45.547	73.854	11.716	0.52	41.89
1.93	0.21	42.17	77.45	12.71	44.120	73.946	11.754	0.53	42.17
1.94	0.20	42.45	77.65	12.79	42.725	74.032	11.790	0.52	42.45
1.95	0.20	42.73	77.85	12.86	41.363	74.114	11.824	0.53	42.73
1.96	0.20	43.26	78.05	12.94	40.034	74.195	11.858	0.54	43.26
1.97	0.20	43.78	78.25	13.02	38.741	74.272	11.892	0.56	43.78
1.98	0.21	44.31	78.46	13.10	37.484	74.351	11.926	0.60	44.31
1.99	0.21	44.83	78.67	13.19	36.265	74.427	11.960	0.61	44.83
2.00	0.22	45.35	78.89	13.28	35.085	74.504	11.994	0.65	45.35
2.01	0.25	45.70	79.14	13.38	33.946	74.589	12.039	0.75	45.70
2.02	0.29	46.05	79.43	13.50	32.848	74.684	12.076	0.88	46.05
2.03	0.33	46.40	79.76	13.64	31.793	74.789	12.124	1.02	46.40
2.04	0.35	46.74	80.11	13.78	30.783	74.897	12.174	1.10	46.74
2.05	0.36	47.09	80.47	13.93	29.818	75.004	12.224	1.15	47.09
2.06	0.36	47.69	80.83	14.08	28.901	75.108	12.273	1.16	47.69
2.07	0.34	48.30	81.17	14.22	28.031	75.204	12.319	1.11	48.30
2.08	0.31	48.90	81.48	14.36	27.212	75.288	12.360	1.02	48.90
2.09	0.27	49.50	81.75	14.47	26.443	75.359	12.395	0.90	49.50
2.10	0.22	50.09	81.97	14.57	25.726	75.416	12.423	0.74	50.09
2.11	0.06	50.69	82.03	14.59	25.063	75.431	12.431	0.20	50.69
2.12	0.04	51.28	82.07	14.61	24.381	75.441	12.436	0.14	51.28
2.13	0.03	51.87	82.10	14.63	23.786	75.448	12.440	0.10	51.87
2.14	0.02	52.45	82.12	14.63	23.218	75.452	12.442	0.07	52.45
2.15	0.01	53.03	82.13	14.64	22.676	75.455	12.443	0.04	53.03
2.16	0.05	53.03	82.18	14.66	22.164	75.466	12.449	0.18	53.03
2.17	0.06	53.03	82.24	14.69	21.682	75.479	12.456	0.21	53.03
2.18	0.08	53.03	82.32	14.73	21.232	75.496	12.465	0.29	53.03
2.19	0.13	53.03	82.45	14.79	20.817	75.523	12.480	0.47	53.03
2.20	0.20	53.03	82.65	14.88	20.438	75.564	12.502	0.72	53.03
2.21	0.22	53.03	82.87	14.98	20.095	75.608	12.526	0.80	53.03
2.22	0.24	53.03	83.11	15.09	19.688	75.655	12.551	0.88	53.03
2.23	0.26	53.03	83.37	15.21	19.375	75.706	12.578	0.95	53.03
2.24	0.29	53.03	83.66	15.34	19.062	75.761	12.607	1.07	53.03
2.25	0.31	53.04	83.97	15.48	18.749	75.819	12.638	1.14	53.04
2.26	0.08	53.50	84.05	15.52	18.437	75.834	12.646	0.30	53.50
2.27	0.08	53.97	84.13	15.55	18.127	75.848	12.654	0.30	53.97
2.28	0.09	54.43	84.22	15.60	17.819	75.864	12.663	0.34	54.43
2.29	0.10	54.89	84.32	15.64	17.515	75.882	12.673	0.37	54.89
2.30	0.10	55.35	84.42	15.69	17.214	75.899	12.682	0.38	55.35
2.31	0.55	55.68	84.97	15.95	16.917	75.992	12.735	2.08	55.68
2.32	0.55	56.00	85.52	16.21	16.626	76.083	12.787	2.08	56.00
2.33	0.55	56.32	86.07	16.46	16.341	76.173	12.838	2.09	56.32
2.34	0.54	56.64	86.61	16.71	16.062	76.260	12.888	2.06	56.64

2.35	0.54	56.96	87.15	16.96	15.790	76.345	12.937	2.06	56.96
2.36	0.54	57.28	87.69	17.21	15.526	76.429	12.986	2.07	57.28
2.37	0.54	57.59	88.23	17.46	15.270	76.512	13.034	2.08	57.59
2.38	0.53	57.91	88.76	17.70	15.024	76.591	13.081	2.05	57.91
2.39	0.53	58.22	89.29	17.94	14.759	76.669	13.127	2.05	58.22
2.40	0.53	58.53	89.82	18.18	14.517	76.746	13.172	2.06	58.53
2.41	0.53	58.84	90.35	18.42	14.275	76.822	13.217	2.06	58.84
2.42	0.53	59.15	90.88	18.65	14.033	76.896	13.262	2.07	59.15
2.43	0.52	59.46	91.40	18.89	13.791	76.968	13.305	2.04	59.46
2.44	0.52	59.77	91.92	19.12	13.550	77.039	13.347	2.04	59.77
2.45	0.52	60.07	92.44	19.35	13.310	77.108	13.389	2.05	60.07
2.46	0.52	62.53	92.96	19.59	13.071	77.176	13.433	2.05	62.53
2.47	0.52	64.99	93.48	19.84	12.834	77.243	13.477	2.06	64.99
2.48	0.51	67.43	93.99	20.10	12.599	77.307	13.522	2.02	67.43
2.49	0.51	69.86	94.50	20.37	12.367	77.370	13.568	2.03	69.86
2.50	0.51	72.29	95.01	20.65	12.138	77.432	13.615	2.03	72.29
2.51	0.51	74.70	95.52	20.94	11.912	77.493	13.663	2.04	74.70
2.52	0.50	77.10	96.02	21.23	11.690	77.551	13.710	2.01	77.10
2.53	0.50	79.50	96.52	21.53	11.471	77.608	13.759	2.01	79.50
2.54	0.50	81.88	97.02	21.84	11.257	77.665	13.808	2.01	81.88
2.55	0.50	84.26	97.52	22.16	11.048	77.720	13.859	2.02	84.26
2.56	0.50	86.63	98.02	22.49	10.844	77.774	13.909	2.02	86.63
2.57	0.50	88.98	98.52	22.83	10.646	77.827	13.961	2.03	88.98
2.58	0.49	91.33	99.01	23.17	10.453	77.879	14.012	1.99	91.33
2.59	0.49	93.67	99.50	23.51	10.267	77.929	14.063	2.00	93.67
2.60	0.49	96.00	99.99	23.87	10.087	77.978	14.115	2.00	96.00

HEAD ASH %	23.87	CLEAN COAL ASH %	14.11	REFUSE ASH %	58.41
THEO. YIELD	80.91	CLEAN COAL YIELD%	77.98	REFUSE YIELD%	22.02
SG OF SEPARATION	2.062	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	4.097	IMPERFECTION	0.202		
ORGANIC EFFCY.	96.38				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 3 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 60.62 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.32	0.28	0.32	0.28	100.000	0.320	0.280	0.0	0.28
1.25	0.32	0.56	0.64	0.42	100.000	0.640	0.420	0.0	0.56
1.26	0.31	0.83	0.95	0.55	100.000	0.950	0.554	0.0	0.83
1.27	0.31	1.09	1.26	0.69	100.000	1.260	0.686	0.0	1.09
1.28	0.31	1.36	1.57	0.82	100.000	1.570	0.819	0.0	1.36
1.29	0.31	1.62	1.88	0.95	100.000	1.880	0.951	0.0	1.62
1.30	0.30	1.88	2.18	1.08	100.000	2.180	1.079	0.0	1.88
1.31	0.30	2.14	2.48	1.21	100.000	2.480	1.207	0.0	2.14
1.32	0.30	2.42	2.78	1.34	100.000	2.780	1.338	0.0	2.42
1.33	0.30	2.71	3.08	1.47	100.000	3.080	1.472	0.0	2.71
1.34	0.29	2.99	3.37	1.60	100.000	3.370	1.602	0.0	2.99
1.35	0.29	3.28	3.66	1.74	100.000	3.660	1.735	0.0	3.28
1.36	0.29	3.56	3.95	1.87	100.000	3.950	1.869	0.0	3.56
1.37	0.29	3.84	4.24	2.00	100.000	4.240	2.004	0.0	3.84
1.38	0.29	4.12	4.53	2.14	100.000	4.530	2.139	0.0	4.12
1.39	0.28	4.39	4.81	2.27	100.000	4.810	2.270	0.0	4.39
1.40	0.28	4.67	5.09	2.40	99.941	5.090	2.402	0.00	4.67
1.41	2.91	4.77	8.00	3.26	99.865	7.996	3.263	0.02	4.77
1.42	3.31	4.86	11.31	3.73	99.771	11.298	3.730	0.04	4.86
1.43	3.62	4.96	14.93	4.03	99.663	14.906	4.027	0.07	4.96
1.44	3.82	5.05	18.75	4.24	99.540	18.709	4.235	0.10	5.05
1.45	3.92	5.14	22.67	4.39	99.405	22.605	4.391	0.13	5.14
1.46	3.93	6.29	26.60	4.67	99.257	26.506	4.671	0.16	6.29
1.47	3.83	7.43	30.43	5.02	99.099	30.302	5.016	0.19	7.43
1.48	3.63	8.56	34.06	5.40	98.807	33.888	5.391	0.24	8.56
1.49	3.33	9.69	37.39	5.78	98.571	37.171	5.771	0.27	9.69
1.50	2.92	10.80	40.31	6.14	98.300	40.041	6.131	0.28	10.80
1.51	2.70	11.83	43.01	6.50	98.000	42.687	6.485	0.30	11.83
1.52	2.71	12.85	45.72	6.88	97.658	45.334	6.856	0.35	12.85
1.53	2.68	13.87	48.40	7.26	97.260	47.940	7.238	0.41	13.87
1.54	2.62	14.88	51.02	7.66	96.815	50.477	7.622	0.47	14.88
1.55	2.54	15.88	53.56	8.05	96.330	52.923	8.004	0.52	15.88
1.56	2.43	16.76	55.99	8.42	95.814	55.252	8.373	0.57	16.76
1.57	2.28	17.64	58.27	8.78	95.275	57.424	8.723	0.60	17.64
1.58	2.11	18.51	60.38	9.12	94.723	59.423	9.052	0.62	18.51
1.59	1.90	19.37	62.28	9.44	94.408	61.216	9.355	0.59	19.37
1.60	1.67	20.23	63.95	9.72	93.740	62.782	9.626	0.58	20.23
1.61	1.51	21.20	65.46	9.98	92.995	64.186	9.879	0.59	21.20
1.62	1.44	22.16	66.90	10.25	92.174	65.513	10.128	0.63	22.16
1.63	1.36	23.11	68.26	10.50	91.278	66.755	10.369	0.66	23.11
1.64	1.28	24.05	69.54	10.75	90.306	67.911	10.602	0.69	24.05
1.65	1.18	24.99	70.72	10.99	88.930	68.960	10.821	0.73	24.99
1.66	1.08	25.39	71.80	11.21	87.788	69.908	11.019	0.74	25.39
1.67	0.98	25.78	72.78	11.40	86.578	70.757	11.196	0.73	25.78
1.68	0.86	26.17	73.64	11.57	85.306	71.490	11.349	0.70	26.17
1.69	0.74	26.55	74.38	11.72	83.979	72.112	11.480	0.66	26.55
1.70	0.61	26.94	74.99	11.85	82.601	72.616	11.588	0.59	26.94
1.71	0.55	27.37	75.54	11.96	81.178	73.062	11.684	0.58	27.37
1.72	0.54	27.80	76.08	12.07	79.717	73.493	11.778	0.61	27.80

1.73	0.54	28.23	76.62	12.19	78.222	73.915	11.872	0.66	28.23
1.74	0.53	28.66	77.15	12.30	76.700	74.321	11.964	0.69	28.66
1.75	0.51	29.09	77.66	12.41	75.155	74.705	12.052	0.71	29.09
1.76	0.49	29.78	78.15	12.52	73.393	75.064	12.137	0.73	29.78
1.77	0.47	30.47	78.62	12.63	71.693	75.401	12.219	0.74	30.47
1.78	0.44	31.15	79.06	12.73	69.915	75.709	12.296	0.74	31.15
1.79	0.41	31.84	79.47	12.83	68.076	75.988	12.368	0.73	31.84
1.80	0.37	32.51	79.84	12.92	66.192	76.233	12.432	0.70	32.51
1.81	0.35	33.06	80.19	13.01	64.279	76.458	12.493	0.70	33.06
1.82	0.35	33.60	80.54	13.10	62.352	76.676	12.553	0.73	33.60
1.83	0.35	34.13	80.89	13.19	60.429	76.888	12.612	0.77	34.13
1.84	0.35	34.67	81.24	13.28	58.525	77.092	12.671	0.81	34.67
1.85	0.35	35.20	81.59	13.37	56.655	77.291	12.729	0.85	35.20
1.86	0.34	35.87	81.93	13.47	54.837	77.477	12.785	0.86	35.87
1.87	0.34	36.53	82.27	13.56	53.085	77.658	12.840	0.89	36.53
1.88	0.33	37.19	82.60	13.66	51.417	77.827	12.893	0.89	37.19
1.89	0.32	37.85	82.92	13.75	49.848	77.987	12.944	0.89	37.85
1.90	0.31	38.51	83.23	13.84	48.488	78.137	12.993	0.89	38.51
1.91	0.30	38.95	83.53	13.93	47.003	78.278	13.040	0.89	38.95
1.92	0.29	39.39	83.82	14.02	45.547	78.410	13.084	0.88	39.39
1.93	0.28	39.83	84.10	14.11	44.120	78.534	13.126	0.87	39.83
1.94	0.28	40.27	84.38	14.19	42.725	78.653	13.168	0.89	40.27
1.95	0.27	40.70	84.65	14.28	41.363	78.765	13.207	0.88	40.70
1.96	0.27	41.86	84.92	14.37	40.034	78.873	13.246	0.90	41.86
1.97	0.27	43.01	85.19	14.46	38.741	78.978	13.285	0.92	43.01
1.98	0.28	44.15	85.47	14.55	37.484	79.083	13.326	0.98	44.15
1.99	0.29	45.29	85.76	14.66	36.265	79.188	13.369	1.03	45.29
2.00	0.30	46.43	86.06	14.77	35.085	79.293	13.413	1.09	46.43
2.01	0.33	47.23	86.39	14.89	33.946	79.405	13.460	1.21	47.23
2.02	0.39	48.03	86.78	15.04	32.848	79.533	13.516	1.46	48.03
2.03	0.43	48.82	87.21	15.21	31.793	79.670	13.577	1.63	48.82
2.04	0.45	49.61	87.66	15.38	30.783	79.809	13.639	1.74	49.61
2.05	0.46	50.40	88.12	15.57	29.818	79.946	13.702	1.80	50.40
2.06	0.46	51.45	88.58	15.75	28.901	80.079	13.765	1.82	51.45
2.07	0.44	52.50	89.02	15.94	28.031	80.202	13.824	1.76	52.50
2.08	0.41	53.55	89.43	16.11	27.212	80.314	13.880	1.66	53.55
2.09	0.36	54.59	89.79	16.26	26.443	80.409	13.928	1.48	54.59
2.10	0.30	55.63	90.09	16.39	25.726	80.486	13.968	1.24	55.63
2.11	0.0	56.53	90.09	16.39	25.063	80.486	13.968	0.0	56.53
2.12	0.0	57.42	90.09	16.39	24.381	80.486	13.968	0.0	57.42
2.13	0.0	58.31	90.09	16.39	23.786	80.486	13.968	0.0	58.31
2.14	0.0	59.20	90.09	16.39	23.218	80.486	13.968	0.0	59.20
2.15	0.0	60.09	90.09	16.39	22.676	80.486	13.968	0.0	60.09
2.16	0.01	60.09	90.10	16.40	22.164	80.488	13.969	0.04	60.09
2.17	0.04	60.09	90.14	16.42	21.682	80.497	13.974	0.17	60.09
2.18	0.12	60.09	90.26	16.48	21.232	80.522	13.989	0.53	60.09
2.19	0.25	60.09	90.51	16.60	20.817	80.574	14.018	1.10	60.09
2.20	0.42	60.09	90.93	16.80	20.438	80.660	14.067	1.86	60.09
2.21	0.44	60.09	91.37	17.01	20.095	80.749	14.118	1.96	60.09
2.22	0.46	60.09	91.83	17.22	19.688	80.839	14.169	2.06	60.09
2.23	0.47	60.09	92.30	17.44	19.375	80.930	14.221	2.11	60.09
2.24	0.47	60.09	92.77	17.66	19.062	81.020	14.272	2.12	60.09
2.25	0.47	60.09	93.24	17.87	18.749	81.108	14.322	2.13	60.09
2.26	0.04	60.26	93.28	17.89	18.437	81.115	14.326	0.18	60.26
2.27	0.04	60.42	93.32	17.91	18.127	81.123	14.330	0.18	60.42
2.28	0.03	60.58	93.35	17.92	17.819	81.128	14.333	0.14	60.58
2.29	0.03	60.74	93.38	17.93	17.515	81.133	14.336	0.14	60.74
2.30	0.03	60.90	93.41	17.95	17.214	81.138	14.339	0.14	60.90
2.31	0.31	60.91	93.72	18.09	16.917	81.191	14.369	1.44	60.91
2.32	0.31	60.91	94.03	18.23	16.626	81.242	14.398	1.44	60.91
2.33	31	60.91	94.34	18.37	16.341	81.293	14.427	5	60.91
2.34	31	60.91	94.65	18.51	16.062	81.343	14.456	5	60.91

2.35	0.31	60.91	94.96	18.65	15.790	81.392	14.484	1.45	60.91
2.36	0.31	60.91	95.27	18.79	15.526	81.440	14.511	1.46	60.91
2.37	0.30	60.92	95.57	18.92	15.270	81.486	14.537	1.42	60.92
2.38	0.30	60.92	95.87	19.05	15.024	81.531	14.563	1.42	60.92
2.39	0.30	60.92	96.17	19.18	14.759	81.575	14.588	1.43	60.92
2.40	0.30	60.92	96.47	19.31	14.517	81.619	14.613	1.43	60.92
2.41	0.30	60.92	96.77	19.44	14.275	81.661	14.637	1.43	60.92
2.42	0.30	60.92	97.07	19.57	14.033	81.704	14.661	1.44	60.92
2.43	0.30	60.93	97.37	19.69	13.791	81.745	14.684	1.44	60.93
2.44	0.30	60.93	97.67	19.82	13.550	81.786	14.707	1.45	60.93
2.45	0.29	60.93	97.86	19.94	13.310	81.824	14.729	1.40	60.93
2.46	0.14	63.33	98.10	20.00	13.071	81.842	14.740	0.68	63.33
2.47	0.14	65.73	98.24	20.07	12.834	81.860	14.751	0.68	65.73
2.48	0.14	68.11	98.38	20.14	12.599	81.878	14.763	0.68	68.11
2.49	0.14	70.49	98.52	20.21	12.367	81.895	14.775	0.68	70.49
2.50	0.14	72.85	98.66	20.28	12.138	81.912	14.787	0.69	72.85
2.51	0.14	75.21	98.80	20.36	11.912	81.929	14.799	0.69	75.21
2.52	0.13	77.55	98.93	20.44	11.690	81.944	14.811	0.64	77.55
2.53	0.13	79.89	99.06	20.52	11.471	81.959	14.822	0.64	79.89
2.54	0.13	82.22	99.19	20.60	11.257	81.974	14.834	0.64	82.22
2.55	0.13	84.54	99.32	20.68	11.048	81.988	14.847	0.64	84.54
2.56	0.13	86.85	99.45	20.77	10.844	82.002	14.859	0.65	86.85
2.57	0.13	89.15	99.58	20.86	10.646	82.016	14.872	0.65	89.15
2.58	0.13	91.44	99.71	20.95	10.453	82.030	14.884	0.65	91.44
2.59	0.13	93.73	99.84	21.04	10.267	82.043	14.897	0.65	93.73
2.60	0.13	96.00	99.97	21.14	10.087	82.056	14.910	0.65	96.00

HEAD ASH %	21.14	CLEAN COAL ASH %	14.91	REFUSE ASH %	49.63
THEO. YIELD	86.44	CLEAN COAL YIELD%	82.06	REFUSE YIELD%	17.94
SG OF SEPARATION	2.011	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT.	6.525	IMPERFECTION	0.202		
ORGANIC EFFCY.	94.93				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 5 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 71.79 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	1.01	0.30	1.01	0.30	100.000	1.010	0.300	0.0	0.30
1.25	1.00	0.59	2.01	0.44	100.000	2.010	0.444	0.0	0.59
1.26	0.99	0.87	3.00	0.58	100.000	3.000	0.585	0.0	0.87
1.27	0.98	1.16	3.98	0.73	100.000	3.980	0.726	0.0	1.16
1.28	0.98	1.44	4.96	0.87	100.000	4.960	0.867	0.0	1.44
1.29	0.97	1.72	5.93	1.01	100.000	5.930	1.007	0.0	1.72
1.30	0.96	1.99	6.89	1.14	100.000	6.890	1.144	0.0	1.99
1.31	0.95	2.27	7.84	1.28	100.000	7.840	1.280	0.0	2.27
1.32	0.95	2.53	8.79	1.42	100.000	8.790	1.415	0.0	2.53
1.33	0.94	2.80	9.73	1.55	100.000	9.730	1.549	0.0	2.80
1.34	0.93	3.06	10.66	1.68	100.000	10.660	1.681	0.0	3.06
1.35	0.93	3.31	11.59	1.81	100.000	11.590	1.812	0.0	3.31
1.36	0.92	3.57	12.51	1.94	100.000	12.510	1.941	0.0	3.57
1.37	0.91	3.82	13.42	2.07	100.000	13.420	2.068	0.0	3.82
1.38	0.91	4.07	14.33	2.20	100.000	14.330	2.195	0.0	4.07
1.39	0.90	4.32	15.23	2.32	100.000	15.230	2.321	0.0	4.32
1.40	0.89	4.57	16.12	2.45	99.941	16.119	2.445	0.00	4.57
1.41	3.10	4.91	19.22	2.84	99.865	19.215	2.842	0.04	4.91
1.42	3.66	5.25	22.88	3.23	99.771	22.867	3.227	0.07	5.25
1.43	4.07	5.58	26.95	3.58	99.663	26.923	3.581	0.12	5.58
1.44	4.34	5.92	31.29	3.91	99.540	31.243	3.905	0.17	5.92
1.45	4.47	6.25	35.76	4.20	99.405	35.687	4.197	0.23	6.25
1.46	4.45	7.55	40.21	4.57	99.287	40.104	4.566	0.29	7.55
1.47	4.30	8.85	44.51	4.98	99.099	44.365	4.977	0.33	8.85
1.48	4.00	10.14	48.51	5.41	98.807	48.317	5.400	0.41	10.14
1.49	3.56	11.42	52.07	5.82	98.571	51.826	5.807	0.44	11.42
1.50	2.98	12.69	55.05	6.19	98.300	54.756	6.176	0.44	12.69
1.51	2.63	13.77	57.68	6.54	98.000	57.333	6.517	0.46	13.77
1.52	2.59	14.84	60.27	6.89	97.658	59.862	6.869	0.52	14.84
1.53	2.52	15.90	62.79	7.26	97.260	62.313	7.224	0.60	15.90
1.54	2.42	16.96	65.21	7.62	96.815	64.656	7.577	0.67	16.96
1.55	2.30	18.01	67.51	7.97	96.330	66.872	7.922	0.73	18.01
1.56	2.14	18.98	69.65	8.31	95.814	68.922	8.251	0.77	18.98
1.57	1.95	19.95	71.60	8.63	95.275	70.780	8.558	0.80	19.95
1.58	1.74	20.91	73.34	8.92	94.723	72.428	8.840	0.79	20.91
1.59	1.49	21.86	74.83	9.17	94.408	73.835	9.088	0.72	21.86
1.60	1.22	22.81	76.05	9.39	93.740	74.979	9.297	0.66	22.81
1.61	1.06	23.94	77.11	9.59	92.995	75.964	9.487	0.64	23.94
1.62	1.03	25.07	78.14	9.80	92.174	76.914	9.679	0.70	25.07
1.63	1.00	26.19	79.14	10.00	91.278	77.826	9.873	0.75	26.19
1.64	0.95	27.30	80.09	10.21	90.306	78.684	10.063	0.79	27.30
1.65	0.89	28.41	80.98	10.41	88.930	79.476	10.246	0.85	28.41
1.66	0.82	29.09	81.80	10.60	87.788	80.196	10.415	0.86	29.09
1.67	0.74	29.76	82.54	10.77	86.578	80.836	10.568	0.86	29.76
1.68	0.66	30.42	83.20	10.92	85.306	81.399	10.705	0.84	30.42
1.69	0.56	31.09	83.76	11.06	83.979	81.870	10.822	0.77	31.09
1.70	0.45	31.74	84.21	11.17	82.601	82.241	10.917	0.78	31.74
1.71	0.40	32.35	84.61	11.27	81.178	82.566	11.001	0.0	32.35
1.72	0.40	32.95	85.01	11.37	79.717	82.885	11.086	0.0	32.95

1.73	0.39	33.55	85.40	11.47	78.222	83.190	11.168	0.73	33.55
1.74	0.39	34.14	85.79	11.58	76.700	83.489	11.250	0.78	34.14
1.75	0.38	34.73	86.17	11.68	75.155	83.775	11.330	0.81	34.73
1.76	0.37	35.43	86.64	11.78	73.393	84.046	11.408	0.85	35.43
1.77	0.95	36.12	86.89	11.88	71.693	84.297	11.482	0.85	36.12
1.78	0.34	36.80	87.23	11.98	69.915	84.535	11.553	0.88	36.80
1.79	0.32	37.49	87.55	12.07	68.076	84.753	11.620	0.88	37.49
1.80	0.30	38.17	87.85	12.16	66.192	84.951	11.682	0.88	38.17
1.81	0.29	38.82	88.14	12.25	64.279	85.138	11.741	0.89	38.82
1.82	0.29	39.47	88.43	12.33	62.352	85.319	11.800	0.94	39.47
1.83	0.29	40.11	88.72	12.43	60.429	85.494	11.858	0.99	40.11
1.84	0.29	40.75	89.01	12.52	58.525	85.664	11.915	1.04	40.75
1.85	0.28	41.39	89.29	12.61	56.655	85.822	11.970	1.05	41.39
1.86	0.27	41.74	89.56	12.70	54.837	85.970	12.021	1.05	41.74
1.87	0.26	42.08	89.82	12.78	53.085	86.108	12.069	1.05	42.08
1.88	0.24	42.42	90.06	12.86	51.417	86.232	12.113	1.01	42.42
1.89	0.22	42.77	90.28	12.93	49.848	86.341	12.152	0.95	42.77
1.90	0.20	43.11	90.48	13.00	48.488	86.438	12.186	0.89	43.11
1.91	0.22	43.11	90.70	13.07	47.003	86.542	12.223	1.01	43.11
1.92	0.18	43.11	90.88	13.13	45.547	86.624	12.252	0.85	43.11
1.93	0.15	43.11	91.03	13.18	44.120	86.690	12.276	0.72	43.11
1.94	0.13	43.11	91.16	13.22	42.725	86.745	12.296	0.64	43.11
1.95	0.12	43.11	91.28	13.26	41.363	86.795	12.313	0.61	43.11
1.96	0.06	44.90	91.34	13.28	40.034	86.819	12.322	0.31	44.90
1.97	0.06	46.68	91.40	13.31	38.741	86.842	12.332	0.32	46.68
1.98	0.07	48.46	91.47	13.33	37.484	86.869	12.343	0.38	48.46
1.99	0.08	50.22	91.55	13.37	36.265	86.898	12.355	0.44	50.22
2.00	0.10	51.97	91.65	13.41	35.085	86.933	12.371	0.56	51.97
2.01	0.03	53.22	91.68	13.42	33.946	86.943	12.376	0.17	53.22
2.02	0.04	54.46	91.72	13.44	32.848	86.956	12.382	0.23	54.46
2.03	0.05	55.69	91.77	13.46	31.793	86.972	12.390	0.29	55.69
2.04	0.05	56.92	91.82	13.49	30.783	86.987	12.398	0.30	56.92
2.05	0.05	58.14	91.87	13.51	29.818	87.002	12.406	0.30	58.14
2.06	0.50	58.14	92.37	13.75	28.901	87.147	12.482	3.07	58.14
2.07	0.46	58.14	92.83	13.97	28.031	87.276	12.549	2.86	58.14
2.08	0.39	58.14	93.22	14.16	27.212	87.382	12.605	2.45	58.14
2.09	0.30	58.14	93.52	14.30	26.443	87.461	12.646	1.90	58.14
2.10	0.19	58.15	93.71	14.39	25.726	87.510	12.671	1.22	58.15
2.11	0.05	58.17	93.76	14.41	25.063	87.523	12.678	0.32	58.17
2.12	0.05	58.20	93.81	14.43	24.381	87.535	12.684	0.33	58.20
2.13	0.04	58.22	93.85	14.45	23.786	87.544	12.689	0.26	58.22
2.14	0.03	58.25	93.88	14.47	23.218	87.551	12.693	0.20	58.25
2.15	0.03	58.27	93.91	14.48	22.676	87.558	12.696	0.20	58.27
2.16	0.03	58.35	93.94	14.49	22.164	87.565	12.700	0.20	58.35
2.17	0.03	58.42	93.97	14.51	21.682	87.571	12.703	0.20	58.42
2.18	0.03	58.49	94.00	14.52	21.232	87.578	12.706	0.20	58.49
2.19	0.03	58.57	94.03	14.54	20.817	87.584	12.710	0.20	58.57
2.20	0.04	58.64	94.07	14.55	20.438	87.592	12.714	0.27	58.64
2.21	0.06	58.64	94.13	14.58	20.095	87.604	12.720	0.41	58.64
2.22	0.06	58.64	94.19	14.61	19.688	87.616	12.727	0.42	58.64
2.23	0.06	58.64	94.25	14.64	19.375	87.627	12.733	0.42	58.64
2.24	0.07	58.64	94.32	14.67	19.062	87.641	12.740	0.49	58.64
2.25	0.07	58.64	94.39	14.70	18.749	87.654	12.747	0.49	58.64
2.26	0.09	58.98	94.42	14.72	18.437	87.659	12.749	0.21	58.98
2.27	0.04	59.32	94.46	14.74	18.127	87.667	12.753	0.28	59.32
2.28	0.04	59.65	94.50	14.76	17.819	87.674	12.757	0.28	59.65
2.29	0.04	59.98	94.54	14.77	17.515	87.681	12.761	0.28	59.98
2.30	0.04	60.32	94.58	14.79	17.214	87.688	12.765	0.29	60.32
2.31	0.19	60.64	94.77	14.89	16.917	87.720	12.782	1.36	60.64
2.32	0.19	60.97	94.96	14.98	16.626	87.751	12.799	1.37	60.97
2.33	0.19	61.29	95.15	15.07	16.341	87.782	12.817	1.37	61.29
2.34	0.19	61.61	95.34	15.16	16.062	87.813	12.834	1.38	61.61

2.35	0.19	61.93	95.53	15.26	15.790	87.843	12.850	1.38	61.93
2.36	0.19	62.25	95.72	15.35	15.526	87.872	12.867	1.38	62.25
2.37	0.19	62.57	95.91	15.44	15.270	87.902	12.883	1.39	62.57
2.38	0.19	62.88	96.10	15.54	15.024	87.930	12.900	1.39	62.88
2.39	0.19	63.20	96.29	15.63	14.759	87.958	12.916	1.40	63.20
2.40	0.18	63.51	96.47	15.72	14.517	87.984	12.931	1.33	63.51
2.41	0.18	63.82	96.65	15.81	14.275	88.010	12.945	1.33	63.82
2.42	0.18	64.13	96.83	15.90	14.033	88.035	12.960	1.34	64.13
2.43	0.18	64.44	97.01	15.99	13.791	88.060	12.975	1.34	64.44
2.44	0.18	64.75	97.19	16.08	13.550	88.084	12.989	1.34	64.75
2.45	0.18	65.05	97.37	16.17	13.310	88.108	13.003	1.35	65.05
2.46	0.18	67.18	97.55	16.26	13.071	88.132	13.018	1.35	67.18
2.47	0.18	69.29	97.73	16.36	12.834	88.155	13.032	1.35	69.29
2.48	0.18	71.39	97.91	16.46	12.599	88.178	13.047	1.36	71.39
2.49	0.18	73.49	98.09	16.57	12.367	88.200	13.063	1.36	73.49
2.50	0.18	75.58	98.27	16.68	12.136	88.222	13.078	1.36	75.58
2.51	0.18	77.65	98.45	16.79	11.912	88.243	13.094	1.37	77.65
2.52	0.18	79.72	98.63	16.90	11.690	88.264	13.110	1.37	79.72
2.53	0.17	81.79	98.80	17.01	11.471	88.284	13.125	1.30	81.79
2.54	0.17	83.84	98.97	17.13	11.257	88.303	13.140	1.30	83.84
2.55	0.17	85.89	99.14	17.25	11.048	88.322	13.156	1.30	85.89
2.56	0.17	87.93	99.31	17.37	10.844	88.340	13.171	1.31	87.93
2.57	0.17	89.96	99.48	17.49	10.646	88.358	13.187	1.31	89.96
2.58	0.17	91.98	99.65	17.62	10.453	88.376	13.203	1.31	91.98
2.59	0.17	93.99	99.82	17.75	10.267	88.393	13.219	1.32	93.99
2.60	0.17	96.00	99.99	17.88	10.087	88.411	13.235	1.32	96.00

HEAD ASH %	17.88	CLEAN COAL ASH %	13.23	REFUSE ASH %	53.33
THEO. YIELD	91.19	CLEAN COAL YIELD%	88.41	REFUSE YIELD%	11.59
SG OF SEPARATION	1.943	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	2.748	IMPERFECTION	0.202		
ORGANIC EFFCY.	96.95				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 6 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 82.91 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.30	0.39	0.30	0.39	100.000	0.300	0.390	0.0	0.39
1.25	0.30	0.77	0.60	0.58	100.000	0.600	0.580	0.0	0.77
1.26	0.29	1.15	0.89	0.77	100.000	0.890	0.766	0.0	1.15
1.27	0.29	1.52	1.18	0.95	100.000	1.180	0.951	0.0	1.52
1.28	0.29	1.90	1.47	1.14	100.000	1.470	1.138	0.0	1.90
1.29	0.29	2.26	1.76	1.32	100.000	1.760	1.323	0.0	2.26
1.30	0.29	2.63	2.05	1.51	100.000	2.050	1.508	0.0	2.63
1.31	0.28	2.99	2.33	1.69	100.000	2.330	1.686	0.0	2.99
1.32	0.28	3.36	2.61	1.87	100.000	2.610	1.866	0.0	3.36
1.33	0.28	3.74	2.89	2.05	100.000	2.890	2.047	0.0	3.74
1.34	0.28	4.11	3.17	2.23	100.000	3.170	2.228	0.0	4.11
1.35	0.27	4.48	3.44	2.41	100.000	3.440	2.406	0.0	4.48
1.36	0.27	4.85	3.71	2.58	100.000	3.710	2.584	0.0	4.85
1.37	0.27	5.21	3.98	2.76	100.000	3.980	2.762	0.0	5.21
1.38	0.27	5.57	4.25	2.94	100.000	4.250	2.941	0.0	5.57
1.39	0.27	5.93	4.52	3.12	100.000	4.520	3.119	0.0	5.93
1.40	0.26	6.29	4.78	3.29	99.941	4.780	3.291	0.00	6.29
1.41	1.32	6.48	6.10	3.98	99.865	6.098	3.981	0.01	6.48
1.42	1.34	6.66	7.44	4.46	99.771	7.435	4.463	0.01	6.66
1.43	1.37	6.85	8.81	4.83	99.663	8.800	4.833	0.01	6.85
1.44	1.39	7.03	10.20	5.19	99.540	10.164	5.131	0.02	7.03
1.45	1.42	7.21	11.62	5.39	99.405	11.586	5.384	0.02	7.21
1.46	1.45	8.42	13.07	5.72	99.257	13.035	5.720	0.03	8.42
1.47	1.48	9.63	14.55	6.12	99.099	14.501	6.115	0.04	9.63
1.48	1.51	10.82	16.06	6.56	98.807	15.993	6.554	0.05	10.82
1.49	1.54	12.01	17.60	7.04	98.571	17.511	7.027	0.06	12.01
1.50	1.57	13.19	19.17	7.54	98.300	19.055	7.526	0.08	13.19
1.51	1.59	13.99	20.76	8.04	98.000	20.613	8.015	0.09	13.99
1.52	1.59	14.78	22.35	8.52	97.658	22.166	8.489	0.11	14.78
1.53	1.59	15.57	23.94	8.99	97.260	23.712	8.951	0.12	15.57
1.54	1.59	16.36	25.53	9.44	96.815	25.251	9.402	0.14	16.36
1.55	1.59	17.14	27.12	9.90	96.330	26.783	9.845	0.17	17.14
1.56	1.59	18.30	28.71	10.36	95.814	28.307	10.300	0.19	18.30
1.57	1.59	19.46	30.30	10.84	95.275	29.821	10.765	0.21	19.46
1.58	1.59	20.61	31.89	11.33	94.723	31.328	11.238	0.24	20.61
1.59	1.59	21.75	33.48	11.82	94.408	32.829	11.719	0.25	21.75
1.60	1.58	22.89	35.06	12.32	93.740	34.310	12.201	0.28	22.89
1.61	1.61	23.81	36.67	12.82	92.995	35.807	12.687	0.32	23.81
1.62	1.65	24.72	38.32	13.34	92.174	37.328	13.177	0.37	24.72
1.63	1.67	25.63	39.99	13.85	91.278	38.852	13.666	0.42	25.63
1.64	1.67	26.54	41.66	14.36	90.306	40.360	14.147	0.46	26.54
1.65	1.65	27.43	43.31	14.86	88.930	41.828	14.613	0.52	27.43
1.66	1.62	28.19	44.93	15.34	87.788	43.250	15.059	0.56	28.19
1.67	1.57	28.94	46.50	15.80	86.578	44.609	15.482	0.60	28.94
1.68	1.51	29.69	48.01	16.23	85.306	45.897	15.881	0.63	29.69
1.69	1.42	30.44	49.43	16.64	83.979	47.090	16.249	0.65	30.44
1.70	1.32	31.18	50.75	17.02	82.601	48.180	16.587	0.66	31.18
1.71	1.17	31.81	51.92	17.35	81.178	49.130	16.882	0.63	31.81
1.72	1.00	32.43	52.92	17.64	79.717	49.927	17.130	0.58	32.43

1.73	0.87	33.03	53.79	17.89	78.222	50.607	17.344	0.54	33.03
1.74	0.76	33.64	54.55	18.11	76.700	51.190	17.529	0.51	33.64
1.75	0.68	34.25	55.23	18.31	75.155	51.701	17.695	0.48	34.25
1.76	0.64	34.86	55.87	18.49	73.393	52.171	17.849	0.49	34.86
1.77	0.62	35.48	56.49	18.68	71.693	52.618	17.998	0.50	35.48
1.78	0.64	36.09	57.13	18.88	69.915	53.063	18.151	0.55	36.09
1.79	0.68	36.70	57.81	19.09	68.076	53.526	18.311	0.62	36.70
1.80	0.75	37.31	58.56	19.32	66.192	54.022	18.486	0.72	37.31
1.81	0.82	37.85	59.38	19.58	64.279	54.550	18.673	0.84	37.85
1.82	0.84	38.38	60.22	19.84	62.352	55.073	18.860	0.90	38.38
1.83	0.86	38.91	61.08	20.11	60.429	55.593	19.048	0.97	38.91
1.84	0.87	39.44	61.95	20.38	58.525	56.102	19.233	1.03	39.44
1.85	0.86	39.96	62.81	20.65	56.655	56.589	19.411	1.06	39.96
1.86	0.85	40.67	63.66	20.91	54.837	57.056	19.585	1.10	40.67
1.87	0.82	41.39	64.48	21.17	53.085	57.491	19.750	1.10	41.39
1.88	0.78	42.09	65.26	21.42	51.417	57.892	19.905	1.08	42.09
1.89	0.74	42.80	66.00	21.66	49.848	58.261	20.050	1.06	42.80
1.90	0.68	43.50	66.68	21.89	48.488	58.590	20.182	1.00	43.50
1.91	0.60	44.19	67.28	22.08	47.003	58.872	20.297	0.91	44.19
1.92	0.50	44.87	67.78	22.25	45.547	59.100	20.391	0.78	44.87
1.93	0.42	45.55	68.20	22.40	44.120	59.285	20.470	0.67	45.55
1.94	0.36	46.23	68.56	22.52	42.725	59.439	20.537	0.59	46.23
1.95	0.32	46.91	68.88	22.63	41.363	59.572	20.595	0.54	46.91
1.96	0.29	47.38	69.17	22.74	40.034	59.688	20.647	0.50	47.38
1.97	0.29	47.84	69.46	22.84	38.741	59.800	20.698	0.51	47.84
1.98	0.30	48.30	69.76	22.95	37.484	59.913	20.750	0.54	48.30
1.99	0.33	48.76	70.09	23.07	36.265	60.032	20.806	0.60	48.76
2.00	0.38	49.22	70.47	23.22	35.085	60.166	20.869	0.70	49.22
2.01	0.43	49.73	70.90	23.38	33.946	60.312	20.939	0.81	49.73
2.02	0.47	50.23	71.37	23.55	32.848	60.466	21.014	0.90	50.23
2.03	0.50	50.73	71.87	23.74	31.793	60.625	21.092	0.97	50.73
2.04	0.50	51.22	72.37	23.93	30.783	60.779	21.168	0.99	51.22
2.05	0.50	51.72	72.87	24.12	29.818	60.928	21.243	1.00	51.72
2.06	0.48	51.81	73.35	24.30	28.901	61.067	21.312	0.97	51.81
2.07	0.44	51.90	73.79	24.47	28.031	61.190	21.374	0.90	51.90
2.08	0.39	51.98	74.18	24.61	27.212	61.296	21.427	0.81	51.98
2.09	0.32	52.07	74.50	24.73	26.443	61.381	21.469	0.67	52.07
2.10	0.24	52.16	74.74	24.82	25.726	61.442	21.500	0.51	52.16
2.11	0.18	52.18	74.92	24.88	25.063	61.488	21.522	0.38	52.18
2.12	0.14	52.20	75.06	24.94	24.381	61.522	21.539	0.30	52.20
2.13	0.10	52.22	75.16	24.97	23.786	61.545	21.551	0.22	52.22
2.14	0.08	52.24	75.24	25.00	23.218	61.564	21.561	0.18	52.24
2.15	0.06	52.26	75.30	25.02	22.676	61.578	21.567	0.13	52.26
2.16	0.05	53.10	75.35	25.04	22.164	61.589	21.573	0.11	53.10
2.17	0.05	53.93	75.40	25.06	21.682	61.600	21.579	0.11	53.93
2.18	0.05	54.76	75.45	25.08	21.232	61.610	21.584	0.11	54.76
2.19	0.06	55.58	75.51	25.10	20.817	61.623	21.591	0.14	55.58
2.20	0.08	56.40	75.59	25.14	20.438	61.639	21.601	0.18	56.40
2.21	0.10	56.92	75.69	25.18	20.095	61.659	21.612	0.23	56.92
2.22	0.10	57.43	75.79	25.22	19.688	61.679	21.623	0.23	57.43
2.23	0.10	57.95	75.89	25.26	19.375	61.698	21.635	0.23	57.95
2.24	0.10	58.46	75.99	25.31	19.062	61.717	21.646	0.23	58.46
2.25	0.11	58.97	76.10	25.36	18.749	61.738	21.659	0.26	58.97
2.26	0.11	60.47	76.21	25.41	18.437	61.758	21.671	0.26	60.47
2.27	0.11	61.96	76.32	25.46	18.127	61.778	21.684	0.26	61.96
2.28	0.12	63.44	76.44	25.52	17.819	61.799	21.699	0.28	63.44
2.29	0.12	64.92	76.56	25.58	17.515	61.820	21.714	0.28	64.92
2.30	0.13	66.39	76.69	25.65	17.214	61.843	21.730	0.31	66.39
2.31	0.83	67.63	77.52	26.10	16.917	61.983	21.834	1.97	67.63
2.32	0.82	68.86	78.34	26.55	16.626	62.120	21.937	1.95	68.86
2.33	0.92	70.08	79.16	27.00	16.341	62.254	22.041	[illegible]	70.08
2.34	0.82	71.30	79.98	27.45	16.062	62.385	22.145	[illegible]	71.30

2.35	0.81	72.52	80.79	27.91	15.780	62.513	22.248	1.95	72.52
2.36	0.81	73.73	81.60	28.36	15.526	62.639	22.351	1.95	73.73
2.37	0.80	74.93	82.40	28.81	15.270	62.761	22.453	1.93	74.93
2.38	0.80	76.13	83.20	29.27	15.024	62.881	22.556	1.94	76.13
2.39	0.80	77.33	84.00	29.72	14.759	62.999	22.659	1.95	77.33
2.40	0.79	78.52	84.79	30.18	14.517	63.114	22.760	1.93	78.52
2.41	0.79	79.70	85.58	30.64	14.275	63.227	22.862	1.93	79.70
2.42	0.79	80.88	86.37	31.10	14.033	63.338	22.963	1.94	80.88
2.43	0.79	82.06	87.16	31.56	13.791	63.447	23.065	1.94	82.06
2.44	0.78	83.23	87.94	32.02	13.550	63.552	23.165	1.92	83.23
2.45	0.78	84.40	88.72	32.48	13.310	63.656	23.265	1.93	84.40
2.46	0.78	85.19	89.50	32.94	13.071	63.758	23.364	1.94	85.19
2.47	0.77	85.98	90.27	33.39	12.834	63.857	23.461	1.92	85.98
2.48	0.77	86.77	91.04	33.84	12.599	63.954	23.557	1.92	86.77
2.49	0.77	87.56	91.81	34.29	12.367	64.049	23.652	1.93	87.56
2.50	0.76	88.34	92.57	34.73	12.138	64.141	23.745	1.91	88.34
2.51	0.76	89.12	93.33	35.18	11.912	64.232	23.837	1.91	89.12
2.52	0.76	89.90	94.09	35.62	11.690	64.321	23.928	1.92	89.90
2.53	0.75	90.67	94.84	36.05	11.471	64.407	24.017	1.89	90.67
2.54	0.75	91.44	95.59	36.49	11.257	64.491	24.106	1.90	91.44
2.55	0.75	92.21	96.34	36.92	11.048	64.574	24.193	1.90	92.21
2.56	0.75	92.97	97.09	37.36	10.844	64.655	24.280	1.91	92.97
2.57	0.74	93.73	97.83	37.78	10.646	64.734	24.364	1.89	93.73
2.58	0.74	94.49	98.57	38.21	10.453	64.812	24.448	1.89	94.49
2.59	0.74	95.25	99.31	38.63	10.267	64.888	24.531	1.90	95.25
2.60	0.73	96.00	100.04	39.05	10.087	64.961	24.612	1.87	96.00

HEAD ASH %	39.05	CLEAN COAL ASH %	24.61	REFUSE ASH %	65.82
THEO. YIELD	74.18	CLEAN COAL YIELD%	64.96	REFUSE YIELD%	35.04
SG OF SEPARATION	2.080	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	5.692	IMPERFECTION	0.202		
ORGANIC EFFCY.	87.58				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 7 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 77.03 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.26	0.51	0.26	0.51	100.000	0.260	0.510	0.0	0.51
1.25	0.25	1.00	0.51	0.75	100.000	0.510	0.750	0.0	1.00
1.26	0.25	1.49	0.76	0.99	100.000	0.760	0.994	0.0	1.49
1.27	0.25	1.98	1.01	1.24	100.000	1.010	1.238	0.0	1.98
1.28	0.25	2.46	1.26	1.48	100.000	1.260	1.480	0.0	2.46
1.29	0.25	2.94	1.51	1.72	100.000	1.510	1.722	0.0	2.94
1.30	0.24	3.42	1.75	1.95	100.000	1.750	1.955	0.0	3.42
1.31	0.24	3.89	1.99	2.19	100.000	1.990	2.188	0.0	3.89
1.32	0.24	4.25	2.23	2.41	100.000	2.230	2.410	0.0	4.25
1.33	0.24	4.50	2.47	2.61	100.000	2.470	2.613	0.0	4.50
1.34	0.24	4.75	2.71	2.80	100.000	2.710	2.802	0.0	4.75
1.35	0.23	4.99	2.94	2.97	100.000	2.940	2.974	0.0	4.99
1.36	0.23	5.24	3.17	3.14	100.000	3.170	3.138	0.0	5.24
1.37	0.23	5.48	3.40	3.30	100.000	3.400	3.296	0.0	5.48
1.38	0.23	5.72	3.63	3.45	100.000	3.630	3.450	0.0	5.72
1.39	0.23	5.96	3.86	3.60	100.000	3.860	3.600	0.0	5.96
1.40	0.23	6.20	4.09	3.75	99.941	4.090	3.746	0.00	6.20
1.41	2.70	6.31	6.79	4.77	99.865	6.786	4.765	0.01	6.31
1.42	3.15	6.41	9.94	5.29	99.771	9.929	5.285	0.03	6.41
1.43	3.50	6.52	13.44	5.61	99.663	13.417	5.606	0.04	6.52
1.44	3.73	6.63	17.17	5.83	99.540	17.130	5.828	0.06	6.63
1.45	3.84	6.73	21.01	5.99	99.405	20.947	5.993	0.08	6.73
1.46	3.84	7.58	24.85	6.24	99.257	24.759	6.237	0.10	7.58
1.47	3.72	8.42	28.57	6.52	99.099	28.445	6.520	0.12	8.42
1.48	3.49	9.26	32.06	6.82	98.807	31.894	6.816	0.15	9.26
1.49	3.15	10.09	35.21	7.11	98.571	34.999	7.107	0.17	10.09
1.50	2.69	10.92	37.90	7.38	98.300	37.643	7.374	0.17	10.92
1.51	2.44	11.73	40.34	7.65	98.000	40.034	7.635	0.18	11.73
1.52	2.44	12.53	42.78	7.93	97.658	42.417	7.910	0.21	12.53
1.53	2.41	13.33	45.19	8.21	97.260	44.761	8.193	0.24	13.33
1.54	2.35	14.13	47.54	8.51	96.815	47.036	8.481	0.27	14.13
1.55	2.24	14.92	49.78	8.79	96.330	49.194	8.763	0.30	14.92
1.56	2.10	16.23	51.88	9.10	95.814	51.206	9.056	0.32	16.23
1.57	1.92	17.53	53.80	9.40	95.275	53.035	9.349	0.33	17.53
1.58	1.70	18.83	55.50	9.69	94.723	54.645	9.628	0.33	18.83
1.59	1.44	20.11	56.94	9.95	94.408	56.005	9.883	0.30	20.11
1.60	1.14	21.39	58.08	10.17	93.740	57.074	10.098	0.26	21.39
1.61	0.96	22.74	59.04	10.38	92.995	57.966	10.293	0.25	22.74
1.62	0.92	24.09	59.96	10.59	92.174	58.814	10.492	0.26	24.09
1.63	0.87	25.42	60.83	10.80	91.278	59.608	10.691	0.28	25.42
1.64	0.82	26.75	61.65	11.01	90.306	60.349	10.888	0.29	26.75
1.65	0.76	28.07	62.41	11.22	88.930	61.025	11.078	0.31	28.07
1.66	0.70	28.63	63.11	11.41	87.788	61.639	11.253	0.31	28.63
1.67	0.63	29.19	63.74	11.59	86.578	62.185	11.410	0.31	29.19
1.68	0.56	29.74	64.30	11.75	85.306	62.662	11.550	0.30	29.74
1.69	0.48	30.29	64.78	11.88	83.979	63.066	11.670	0.28	30.29
1.70	0.40	30.84	65.18	12.00	82.601	63.396	11.770	0.26	30.84
1.71	0.35	31.46	65.53	12.10	81.178	63.680	11.858	0.1	31.46
1.72	0.35	32.07	65.88	12.21	79.717	63.959	11.946	0.6	32.07

1.73	0.35	32.68	66.23	12.32	78.222	64.233	12.034	[illegible]8	32.68
1.74	0.35	33.28	66.58	12.43	76.700	64.501	12.122	0.30	33.28
1.75	0.35	33.89	66.93	12.54	75.155	64.764	12.211	0.32	33.89
1.76	0.35	34.74	67.28	12.66	73.393	65.021	12.300	0.34	34.74
1.77	0.35	35.58	67.63	12.78	71.693	65.272	12.389	0.36	35.58
1.78	0.35	36.43	67.98	12.90	69.815	65.517	12.479	0.39	36.43
1.79	0.34	37.26	68.32	13.02	68.076	65.748	12.566	0.40	37.26
1.80	0.34	38.10	68.66	13.14	66.192	65.973	12.654	0.42	38.10
1.81	0.34	38.77	69.00	13.27	64.279	66.192	12.740	0.45	38.77
1.82	0.34	39.44	69.34	13.40	62.352	66.404	12.825	0.47	39.44
1.83	0.34	40.10	69.68	13.53	60.429	66.609	12.909	0.49	40.10
1.84	0.34	40.76	70.02	13.66	58.525	66.808	12.992	0.52	40.76
1.85	0.34	41.42	70.36	13.79	56.655	67.001	13.074	0.54	41.42
1.86	0.34	41.97	70.70	13.93	54.837	67.187	13.154	0.56	41.97
1.87	0.34	42.52	71.04	14.07	53.085	67.368	13.233	0.59	42.52
1.88	0.33	43.06	71.37	14.20	51.417	67.538	13.308	0.59	43.06
1.89	0.33	43.60	71.70	14.34	49.848	67.702	13.381	0.61	43.60
1.90	0.32	44.14	72.02	14.47	48.488	67.857	13.452	0.60	44.14
1.91	0.29	44.55	72.31	14.59	47.003	67.994	13.514	0.56	44.55
1.92	0.25	44.96	72.56	14.69	45.547	68.107	13.566	0.50	44.96
1.93	0.21	45.37	72.77	14.78	44.120	68.200	13.610	0.43	45.37
1.94	0.19	45.77	72.96	14.86	42.725	68.281	13.648	0.40	45.77
1.95	0.17	46.18	73.13	14.94	41.363	68.352	13.681	0.37	46.18
1.96	0.16	46.98	73.29	15.01	40.034	68.416	13.713	0.35	46.98
1.97	0.16	47.78	73.45	15.08	38.741	68.478	13.743	0.36	47.78
1.98	0.17	48.58	73.62	15.15	37.484	68.541	13.776	0.39	48.58
1.99	0.18	49.37	73.80	15.24	36.265	68.607	13.810	0.42	49.37
2.00	0.21	50.15	74.01	15.34	35.085	68.680	13.849	0.50	50.15
2.01	0.24	50.76	74.25	15.45	33.946	68.762	13.892	0.58	50.76
2.02	0.27	51.36	74.52	15.58	32.848	68.850	13.941	0.67	51.36
2.03	0.29	51.95	74.81	15.72	31.793	68.943	13.991	0.73	51.95
2.04	0.30	52.54	75.11	15.87	30.783	69.035	14.043	0.76	52.54
2.05	0.30	53.14	75.41	16.02	29.818	69.124	14.094	0.77	53.14
2.06	0.30	53.90	75.71	16.17	28.901	69.211	14.143	0.78	53.90
2.07	0.29	54.66	76.00	16.31	28.031	69.292	14.191	0.77	54.66
2.08	0.27	55.41	76.27	16.45	27.212	69.366	14.235	0.72	55.41
2.09	0.25	56.16	76.52	16.58	26.443	69.432	14.275	0.67	56.16
2.10	0.21	56.91	76.73	16.69	25.726	69.486	14.308	0.57	56.91
2.11	0.03	57.66	76.76	16.71	25.063	69.494	14.312	0.08	57.66
2.12	0.03	58.41	76.79	16.73	24.381	69.501	14.317	0.08	58.41
2.13	0.03	59.15	76.82	16.74	23.786	69.508	14.322	0.08	59.15
2.14	0.03	59.90	76.85	16.76	23.218	69.515	14.326	0.08	59.90
2.15	0.03	60.63	76.88	16.78	22.676	69.522	14.331	0.09	60.63
2.16	0.06	60.63	76.94	16.81	22.164	69.535	14.340	0.17	60.63
2.17	0.06	60.63	77.00	16.84	21.682	69.548	14.348	0.17	60.63
2.18	0.06	60.64	77.06	16.88	21.232	69.561	14.357	0.17	60.64
2.19	0.06	60.64	77.12	16.91	20.817	69.573	14.365	0.17	60.64
2.20	0.06	60.64	77.18	16.95	20.438	69.586	14.373	0.18	60.64
2.21	0.21	60.64	77.39	17.07	20.095	69.628	14.401	0.62	60.64
2.22	0.26	60.64	77.65	17.21	19.688	69.679	14.435	0.77	60.64
2.23	0.30	60.64	77.95	17.38	19.375	69.737	14.474	0.89	60.64
2.24	0.34	60.64	78.29	17.57	19.062	69.802	14.517	1.01	60.64
2.25	0.39	60.64	78.68	17.78	18.749	69.875	14.565	1.16	60.64
2.26	0.07	61.38	78.75	17.82	18.437	69.888	14.574	0.21	61.38
2.27	0.08	62.11	78.83	17.86	18.127	69.902	14.583	0.24	62.11
2.28	0.09	62.84	78.92	17.91	17.819	69.918	14.594	0.27	62.84
2.29	0.09	63.56	79.01	17.97	17.515	69.934	14.605	0.27	63.56
2.30	0.10	64.28	79.11	18.02	17.214	69.951	14.618	0.30	64.28
2.31	0.74	65.03	79.85	18.46	16.917	70.077	14.708	2.26	65.03
2.32	0.74	65.77	80.59	18.90	16.626	70.200	14.797	2.26	65.77
2.33	0.73	66.51	81.32	19.32	16.341	70.319	14.885	2.24	66.51
2.34	0.73	67.25	82.05	19.75	16.062	70.436	14.972	2.25	67.25

2.35	0.73	67.98	82.78	20.17	15.790	70.551	15.059	2.26	67.98
2.36	0.72	68.71	83.50	20.59	15.526	70.663	15.144	2.23	68.71
2.37	0.72	69.44	84.22	21.01	15.270	70.773	15.228	2.24	69.44
2.38	0.72	70.16	84.94	21.43	15.024	70.881	15.312	2.24	70.16
2.39	0.71	70.88	85.65	21.84	14.759	70.986	15.394	2.22	70.88
2.40	0.71	71.60	86.36	22.25	14.517	71.089	15.475	2.23	71.60
2.41	0.71	72.32	87.07	22.65	14.275	71.191	15.556	2.23	72.32
2.42	0.71	73.03	87.78	23.06	14.033	71.290	15.637	2.24	73.03
2.43	0.70	73.74	88.48	23.46	13.791	71.387	15.715	2.21	73.74
2.44	0.70	74.44	89.18	23.86	13.550	71.482	15.793	2.22	74.44
2.45	0.70	75.15	89.88	24.26	13.310	71.575	15.870	2.23	75.15
2.46	0.69	76.58	90.57	24.66	13.071	71.665	15.947	2.20	76.58
2.47	0.69	78.00	91.26	25.06	12.834	71.754	16.023	2.21	78.00
2.48	0.69	79.42	91.95	25.47	12.599	71.840	16.100	2.21	79.42
2.49	0.69	80.83	92.64	25.88	12.367	71.926	16.177	2.22	80.83
2.50	0.68	82.24	93.32	26.29	12.138	72.008	16.253	2.19	82.24
2.51	0.68	83.64	94.00	26.71	11.912	72.089	16.328	2.20	83.64
2.52	0.68	85.03	94.68	27.13	11.690	72.169	16.404	2.20	85.03
2.53	0.68	86.42	95.36	27.55	11.471	72.247	16.480	2.21	86.42
2.54	0.67	87.81	96.03	27.97	11.257	72.322	16.554	2.18	87.81
2.55	0.67	89.19	96.70	28.40	11.048	72.396	16.628	2.19	89.19
2.56	0.67	90.56	97.37	28.82	10.844	72.469	16.702	2.19	90.56
2.57	0.66	91.93	98.03	29.25	10.646	72.539	16.775	2.16	91.93
2.58	0.66	93.29	98.69	29.68	10.453	72.608	16.848	2.17	93.29
2.59	0.66	94.65	99.35	30.11	10.267	72.676	16.920	2.17	94.65
2.60	0.66	96.00	100.01	30.54	10.087	72.743	16.993	2.18	96.00

			CLEAN COAL ASH %	16.99	REFUSE ASH %	66.71	
HEAD ASH %	30.54		CLEAN COAL YIELD%	72.74	REFUSE YIELD%	27.26	
THEO. YIELD	77.26		ECART PROB. MOYEN	0.1800			
SG OF SEPARATION	2.204		IMPERFECTION	0.202			
NEAR GRAVITY MAT	2.658						
ORGANIC EFFCY.	94.15						

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 8 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0
-----FLOAT-----
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 77.44 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL SINK WT%	CUM. ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.11	0.01	0.11	0.01	100.000	0.110	0.010	0.0	0.01
1.25	0.23	0.01	0.34	0.01	100.000	0.340	0.010	0.0	0.01
1.26	0.35	0.01	0.69	0.01	100.000	0.690	0.010	0.0	0.01
1.27	0.48	0.01	1.17	0.01	100.000	1.170	0.010	0.0	0.01
1.28	0.62	0.01	1.79	0.01	100.000	1.790	0.010	0.0	0.01
1.29	0.76	0.01	2.55	0.01	100.000	2.550	0.010	0.0	0.01
1.30	0.91	0.01	3.46	0.01	100.000	3.460	0.010	0.0	0.01
1.31	1.06	0.01	4.52	0.01	100.000	4.520	0.010	0.0	0.01
1.32	0.85	0.39	5.37	0.07	100.000	5.370	0.070	0.0	0.39
1.33	0.97	1.15	6.34	0.24	100.000	6.340	0.235	0.0	1.15
1.34	1.09	1.89	7.43	0.48	100.000	7.430	0.478	0.0	1.89
1.35	1.21	2.64	8.64	0.78	100.000	8.640	0.781	0.0	2.64
1.36	1.34	3.37	9.98	1.13	100.000	9.980	1.129	0.0	3.37
1.37	1.47	4.11	11.45	1.51	100.000	11.450	1.511	0.0	4.11
1.38	1.61	4.83	13.06	1.92	100.000	13.060	1.920	0.0	4.83
1.39	1.75	5.56	14.81	2.35	100.000	14.810	2.350	0.0	5.56
1.40	1.89	6.27	16.70	2.79	99.941	16.699	2.794	0.01	6.27
1.41	2.35	6.58	19.05	3.26	99.865	19.046	3.260	0.01	6.58
1.42	2.72	6.88	21.77	3.71	99.771	21.759	3.712	0.03	6.88
1.43	2.99	7.18	24.76	4.13	99.663	24.739	4.130	0.05	7.18
1.44	3.16	7.48	27.92	4.51	99.540	27.885	4.507	0.07	7.48
1.45	3.25	7.78	31.17	4.85	99.405	31.116	4.847	0.09	7.78
1.46	3.24	8.79	34.41	5.22	99.257	34.331	5.217	0.11	8.79
1.47	3.13	9.81	37.54	5.61	99.099	37.433	5.597	0.13	9.81
1.48	2.94	10.81	40.48	5.98	98.807	40.338	5.973	0.16	10.81
1.49	2.65	11.81	43.13	6.34	98.571	42.950	6.328	0.17	11.81
1.50	2.27	12.80	45.40	6.66	98.300	45.162	6.647	0.17	12.80
1.51	2.03	13.69	47.43	6.96	98.000	47.171	6.944	0.18	13.69
1.52	1.99	14.58	49.42	7.27	97.658	49.115	7.246	0.21	14.58
1.53	1.94	15.46	51.36	7.58	97.260	51.001	7.550	0.24	15.46
1.54	1.87	16.33	53.23	7.89	96.815	52.812	7.851	0.27	16.33
1.55	1.79	17.20	55.02	8.19	96.330	54.536	8.147	0.30	17.20
1.56	1.69	18.61	56.71	8.50	95.814	56.155	8.449	0.32	18.61
1.57	1.58	20.02	58.29	8.81	95.275	57.661	8.751	0.34	20.02
1.58	1.45	21.42	59.74	9.12	94.723	59.034	9.045	0.35	21.42
1.59	1.31	22.81	61.05	9.41	94.408	60.271	9.328	0.33	22.81
1.60	1.15	24.19	62.20	9.69	93.740	61.349	9.589	0.32	24.19
1.61	1.06	25.60	63.26	9.95	92.995	62.335	9.842	0.34	25.60
1.62	1.04	27.00	64.30	10.23	92.174	63.293	10.102	0.37	27.00
1.63	1.01	28.39	65.31	10.51	91.278	64.215	10.365	0.40	28.39
1.64	0.97	29.78	66.28	10.79	90.306	65.091	10.626	0.42	29.78
1.65	0.92	31.15	67.20	11.07	88.930	65.909	10.881	0.46	31.15
1.66	0.85	31.65	68.05	11.33	87.788	66.656	11.113	0.47	31.65
1.67	0.78	32.14	68.83	11.56	86.578	67.331	11.324	0.47	32.14
1.68	0.70	32.63	69.53	11.78	85.306	67.928	11.511	0.46	32.63
1.69	0.61	33.12	70.14	11.96	83.979	68.440	11.673	0.44	33.12
1.70	0.51	33.60	70.65	12.12	82.601	68.862	11.807	0.40	33.60
1.71	0.46	34.17	71.11	12.26	81.178	69.235	11.928	0.39	34.17
1.72	0.45	34.73	71.56	12.40	79.717	69.594	12.045	0.41	34.73

1.73	0.45	35.30	72.01	12.54	78.222	69.946	12.162	0.44	35.30
1.74	0.44	35.85	72.45	12.69	76.700	70.283	12.276	0.46	35.85
1.75	0.43	36.41	72.88	12.83	75.155	70.606	12.387	0.48	36.41
1.76	0.41	36.88	73.29	12.96	73.393	70.907	12.491	0.49	36.88
1.77	0.40	37.34	73.69	13.09	71.693	71.194	12.591	0.51	37.34
1.78	0.38	37.81	74.07	13.22	69.915	71.460	12.684	0.52	37.81
1.79	0.36	38.27	74.43	13.34	68.076	71.705	12.772	0.52	38.27
1.80	0.33	38.72	74.76	13.45	66.192	71.923	12.851	0.50	38.72
1.81	0.32	39.04	75.08	13.56	64.279	72.129	12.925	0.52	39.04
1.82	0.32	39.36	75.40	13.67	62.352	72.328	12.998	0.54	39.36
1.83	0.32	39.68	75.72	13.78	60.429	72.522	13.069	0.57	39.68
1.84	0.32	40.00	76.04	13.89	58.525	72.709	13.139	0.60	40.00
1.85	0.31	40.31	76.35	14.00	56.655	72.885	13.204	0.61	40.31
1.86	0.31	41.20	76.66	14.11	54.837	73.055	13.269	0.63	41.20
1.87	0.30	42.08	76.96	14.22	53.085	73.214	13.332	0.64	42.08
1.88	0.29	42.96	77.25	14.33	51.417	73.363	13.392	0.64	42.96
1.89	0.28	43.83	77.53	14.43	49.848	73.503	13.450	0.63	43.83
1.90	0.27	44.69	77.80	14.54	48.488	73.634	13.506	0.63	44.69
1.91	0.25	45.43	78.05	14.64	47.003	73.751	13.557	0.60	45.43
1.92	0.24	46.15	78.29	14.73	45.547	73.860	13.605	0.59	46.15
1.93	0.23	46.88	78.52	14.83	44.120	73.962	13.650	0.58	46.88
1.94	0.22	47.60	78.74	14.92	42.725	74.056	13.694	0.57	47.60
1.95	0.21	48.32	78.95	15.01	41.363	74.143	13.734	0.56	48.32
1.96	0.21	48.86	79.16	15.10	40.034	74.227	13.774	0.57	48.86
1.97	0.21	49.40	79.37	15.19	38.741	74.308	13.813	0.58	49.40
1.98	0.22	49.94	79.59	15.28	37.484	74.391	13.853	0.62	49.94
1.99	0.23	50.48	79.82	15.39	36.265	74.474	13.894	0.66	50.48
2.00	0.24	51.01	80.06	15.49	35.085	74.558	13.936	0.70	51.01
2.01	0.27	51.26	80.33	15.61	33.946	74.650	13.982	0.80	51.26
2.02	0.31	51.50	80.64	15.75	32.848	74.752	14.033	0.94	51.50
2.03	0.34	51.75	80.98	15.90	31.793	74.860	14.087	1.05	51.75
2.04	0.35	51.99	81.33	16.06	30.783	74.968	14.142	1.09	51.99
2.05	0.36	52.23	81.69	16.22	29.818	75.075	14.196	1.14	52.23
2.06	0.35	53.45	82.04	16.38	28.901	75.176	14.249	1.12	53.45
2.07	0.34	54.67	82.38	16.53	28.031	75.271	14.300	1.10	54.67
2.08	0.31	55.89	82.69	16.68	27.212	75.356	14.347	1.02	55.89
2.09	0.27	57.09	82.96	16.81	26.443	75.427	14.387	0.90	57.09
2.10	0.22	58.29	83.18	16.92	25.726	75.484	14.420	0.74	58.29
2.11	0.06	59.44	83.24	16.95	25.063	75.499	14.429	0.20	59.44
2.12	0.04	60.58	83.28	16.97	24.381	75.508	14.435	0.14	60.58
2.13	0.02	61.71	83.30	16.98	23.786	75.513	14.438	0.07	61.71
2.14	0.01	62.84	83.31	16.99	23.218	75.516	14.440	0.03	62.84
2.15	0.0	63.97	83.31	16.99	22.676	75.516	14.440	0.0	63.97
2.16	0.0	63.97	83.31	16.99	22.164	75.516	14.440	0.0	63.97
2.17	0.0	63.97	83.31	16.99	21.682	75.516	14.440	0.0	63.97
2.18	0.04	63.98	83.35	17.01	21.232	75.524	14.445	0.14	63.98
2.19	0.10	63.98	83.45	17.07	20.817	75.545	14.459	0.36	63.98
2.20	0.20	63.98	83.65	17.18	20.438	75.586	14.486	0.72	63.98
2.21	0.15	63.98	83.80	17.26	20.095	75.616	14.505	0.54	63.98
2.22	0.16	63.98	83.96	17.35	19.688	75.647	14.526	0.58	63.98
2.23	0.18	63.98	84.14	17.45	19.375	75.682	14.549	0.66	63.98
2.24	0.20	63.99	84.34	17.56	19.062	75.720	14.574	0.73	63.99
2.25	0.21	63.99	84.55	17.68	18.749	75.760	14.599	0.77	63.99
2.26	0.08	64.80	84.63	17.72	18.437	75.774	14.609	0.29	64.80
2.27	0.09	65.61	84.72	17.77	18.127	75.791	14.620	0.33	65.61
2.28	0.10	66.42	84.82	17.83	17.819	75.809	14.632	0.37	66.42
2.29	0.11	67.22	84.93	17.90	17.515	75.828	14.646	0.41	67.22
2.30	0.12	68.02	85.05	17.97	17.214	75.849	14.660	0.45	68.02
2.31	0.53	68.67	85.58	18.28	16.917	75.938	14.724	1.99	68.67
2.32	0.53	69.32	86.11	18.59	16.626	76.026	14.787	1.99	69.32
2.33	0.52	69.97	86.63	18.90	16.341	76.111	14.849		69.97
2.34	0.52	70.61	87.15	19.21	16.062	76.195	14.910		70.61

2.35	.52	71.26	87.67	19.52	15.790	76.277	14.971	.98	71.26
2.36	0.52	71.89	88.19	19.83	15.526	76.358	15.031	1.98	71.89
2.37	0.52	72.53	88.71	20.14	15.270	76.437	15.090	1.99	72.53
2.38	0.51	73.16	89.22	20.44	15.024	76.514	15.149	1.96	73.16
2.39	0.51	73.79	89.73	20.74	14.759	76.589	15.206	1.96	73.79
2.40	0.51	74.42	90.24	21.05	14.517	76.663	15.263	1.97	74.42
2.41	0.51	75.05	90.75	21.35	14.275	76.736	15.320	1.97	75.05
2.42	0.50	75.67	91.25	21.65	14.033	76.806	15.375	1.94	75.67
2.43	0.50	76.29	91.75	21.95	13.791	76.875	15.430	1.95	76.29
2.44	0.50	76.91	92.25	22.24	13.550	76.943	15.484	1.95	76.91
2.45	0.50	77.52	92.75	22.54	13.310	77.008	15.538	1.96	77.52
2.46	0.50	78.79	93.25	22.84	13.071	77.075	15.591	1.96	78.79
2.47	0.49	80.05	93.74	23.14	12.834	77.137	15.644	1.93	80.05
2.48	0.49	81.31	94.23	23.45	12.599	77.199	15.696	1.93	81.31
2.49	0.49	82.56	94.72	23.75	12.367	77.260	15.749	1.94	82.56
2.50	0.49	83.81	95.21	24.06	12.138	77.319	15.801	1.94	83.81
2.51	0.49	85.05	95.70	24.37	11.912	77.378	15.853	1.95	85.05
2.52	0.48	86.28	96.18	24.68	11.690	77.434	15.904	1.91	86.28
2.53	0.48	87.51	96.66	24.99	11.471	77.489	15.955	1.92	87.51
2.54	0.48	88.74	97.14	25.31	11.257	77.543	16.006	1.92	88.74
2.55	0.48	89.96	97.62	25.63	11.048	77.596	16.057	1.93	89.96
2.56	0.48	91.18	98.10	25.95	10.844	77.648	16.107	1.93	91.18
2.57	0.48	92.39	98.58	26.27	10.646	77.699	16.157	1.94	92.39
2.58	0.47	93.60	99.05	26.59	10.453	77.748	16.206	1.90	93.60
2.59	0.47	94.80	99.52	26.91	10.267	77.796	16.255	1.90	94.80
2.60	0.47	96.00	99.99	27.24	10.087	77.844	16.303	1.91	96.00

HEAD ASH %	27.24	CLEAN COAL ASH %	16.30	REFUSE ASH %	65.65
THEO. YIELD	81.88	CLEAN COAL YIELD%	77.84	REFUSE YIELD%	22.16
SG OF SEPARATION	2.055	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	4.245	IMPERFECTION	0.202		
ORGANIC EFFCY.	95.07				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 11 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 54.82 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.02	0.84	0.02	0.84	100.000	0.020	0.840	0.0	0.84
1.25	0.02	1.67	0.04	1.25	100.000	0.040	1.255	0.0	1.67
1.26	0.02	2.49	0.06	1.67	100.000	0.060	1.667	0.0	2.49
1.27	0.02	3.30	0.08	2.07	100.000	0.080	2.075	0.0	3.30
1.28	0.02	4.10	0.10	2.48	100.000	0.100	2.480	0.0	4.10
1.29	0.02	4.90	0.12	2.88	100.000	0.120	2.883	0.0	4.90
1.30	0.02	5.70	0.14	3.29	100.000	0.140	3.286	0.0	5.70
1.31	0.02	6.49	0.16	3.69	100.000	0.160	3.686	0.0	6.49
1.32	0.02	6.93	0.18	4.05	100.000	0.180	4.047	0.0	6.93
1.33	0.02	7.04	0.20	4.35	100.000	0.200	4.346	0.0	7.04
1.34	0.02	7.15	0.22	4.60	100.000	0.220	4.601	0.0	7.15
1.35	0.02	7.26	0.24	4.82	100.000	0.240	4.823	0.0	7.26
1.36	0.02	7.37	0.26	5.02	100.000	0.260	5.018	0.0	7.37
1.37	0.02	7.48	0.28	5.19	100.000	0.280	5.194	0.0	7.48
1.38	0.02	7.58	0.30	5.35	100.000	0.300	5.353	0.0	7.58
1.39	0.02	7.69	0.32	5.50	100.000	0.320	5.499	0.0	7.69
1.40	0.02	7.79	0.34	5.63	99.941	0.340	5.634	0.00	7.79
1.41	1.57	7.79	1.91	7.41	99.865	1.908	7.406	0.01	7.79
1.42	1.75	7.79	3.66	7.59	99.771	3.654	7.589	0.02	7.79
1.43	1.92	7.79	5.58	7.66	99.663	5.567	7.658	0.03	7.79
1.44	2.08	7.79	7.66	7.69	99.540	7.638	7.694	0.04	7.79
1.45	2.24	7.79	9.90	7.72	99.405	9.864	7.716	0.06	7.79
1.46	2.27	8.71	12.17	7.90	99.257	12.118	7.901	0.08	8.71
1.47	2.40	9.62	14.57	8.18	99.099	14.496	8.183	0.10	9.62
1.48	2.51	10.53	17.08	8.53	98.807	16.976	8.526	0.14	10.53
1.49	2.61	11.43	19.69	8.91	98.571	19.549	8.908	0.17	11.43
1.50	2.71	12.32	22.40	9.33	98.300	22.213	9.317	0.21	12.32
1.51	3.04	12.88	25.44	9.75	98.000	25.192	9.738	0.28	12.88
1.52	3.44	13.44	28.88	10.19	97.658	28.551	10.174	0.37	13.44
1.53	3.72	14.00	32.60	10.62	97.260	32.169	10.604	0.46	14.00
1.54	3.88	14.56	36.48	11.04	96.815	35.926	11.018	0.56	14.56
1.55	3.92	15.11	40.40	11.44	96.330	39.702	11.407	0.65	15.11
1.56	3.84	16.47	44.24	11.87	95.814	43.381	11.836	0.73	16.47
1.57	3.64	17.82	47.88	12.33	95.275	46.849	12.279	0.78	17.82
1.58	3.32	19.17	51.20	12.77	94.723	49.994	12.713	0.80	19.17
1.59	2.88	20.50	54.08	13.18	94.408	52.713	13.115	0.73	20.50
1.60	2.33	21.83	56.41	13.54	93.740	54.897	13.461	0.66	21.83
1.61	1.91	23.22	58.32	13.86	92.995	56.673	13.767	0.61	23.22
1.62	1.73	24.60	60.05	14.17	92.174	58.268	14.064	0.61	24.60
1.63	1.56	25.97	61.61	14.46	91.278	59.682	14.348	0.62	25.97
1.64	1.39	27.34	63.00	14.75	90.306	60.947	14.615	0.61	27.34
1.65	1.23	28.69	64.23	15.02	88.930	62.041	14.863	0.62	28.69
1.66	1.09	29.14	65.32	15.25	87.788	62.998	15.080	0.60	29.14
1.67	0.95	29.59	66.27	15.46	86.578	63.820	15.267	0.58	29.59
1.68	0.82	30.03	67.09	15.64	85.306	64.520	15.427	0.55	30.03
1.69	0.70	30.47	67.79	15.79	83.979	65.108	15.563	0.51	30.47
1.70	0.59	30.91	68.38	15.92	82.601	65.595	15.677	0.47	30.91
1.71	0.52	31.49	68.90	16.04	81.178	66.017	15.778	0.43	31.49
1.72	0.49	32.06	69.39	16.15	79.717	66.408	15.874	0.43	32.06

1.73	[illegible]47	32.63	69.86	16.26	78.222	66.775	15.966	[illegible]46	32.63
1.74	0.46	33.19	70.32	16.37	76.700	67.128	16.057	0.49	33.19
1.75	0.46	33.75	70.78	16.48	75.155	67.474	16.147	0.52	33.75
1.76	0.47	34.36	71.25	16.60	73.393	67.819	16.240	0.57	34.36
1.77	0.49	34.95	71.74	16.73	71.693	68.170	16.336	0.63	34.95
1.78	0.51	35.55	72.25	16.86	69.915	68.527	16.436	0.70	35.55
1.79	0.55	36.14	72.80	17.01	68.076	68.901	16.543	0.80	36.14
1.80	0.60	36.72	73.40	17.17	66.192	69.298	16.659	0.92	36.72
1.81	0.62	37.08	74.02	17.33	64.279	69.697	16.776	1.01	37.08
1.82	0.62	37.44	74.64	17.50	62.352	70.083	16.890	1.08	37.44
1.83	0.62	37.80	75.26	17.67	60.429	70.458	17.001	1.11	37.80
1.84	0.62	38.16	75.88	17.84	58.525	70.821	17.109	1.17	38.16
1.85	0.62	38.51	76.50	18.00	56.655	71.172	17.215	1.22	38.51
1.86	0.62	39.47	77.12	18.18	54.837	71.512	17.321	1.27	39.47
1.87	0.62	40.43	77.74	18.35	53.085	71.841	17.427	1.32	40.43
1.88	0.63	41.39	78.37	18.54	51.417	72.165	17.534	1.38	41.39
1.89	0.63	42.33	79.00	18.73	49.848	72.479	17.642	1.43	42.33
1.90	0.63	43.28	79.63	18.92	48.488	72.785	17.749	1.47	43.28
1.91	0.63	43.90	80.26	19.12	47.003	73.081	17.855	1.52	43.90
1.92	0.63	44.52	80.89	19.32	45.547	73.368	17.960	1.56	44.52
1.93	0.64	45.14	81.53	19.52	44.120	73.650	18.064	1.62	45.14
1.94	0.64	45.76	82.17	19.72	42.725	73.924	18.166	1.66	45.76
1.95	0.64	46.37	82.81	19.93	41.363	74.188	18.267	1.70	46.37
1.96	0.64	47.35	83.45	20.14	40.034	74.445	18.367	1.74	47.35
1.97	0.64	48.33	84.09	20.35	38.741	74.693	18.466	1.78	48.33
1.98	0.63	49.30	84.72	20.57	37.484	74.929	18.564	1.79	49.30
1.99	0.63	50.27	85.35	20.79	36.265	75.157	18.660	1.82	50.27
2.00	0.63	51.23	85.98	21.01	35.085	75.378	18.756	1.86	51.23
2.01	0.60	52.25	86.58	21.23	33.946	75.582	18.846	1.80	52.25
2.02	0.54	53.27	87.12	21.43	32.848	75.759	18.926	1.65	53.27
2.03	0.48	54.28	87.60	21.61	31.793	75.912	18.997	1.49	54.28
2.04	0.43	55.29	88.03	21.77	30.783	76.044	19.061	1.35	55.29
2.05	0.38	56.29	88.41	21.92	29.818	76.158	19.116	1.21	56.29
2.06	0.32	56.89	88.73	22.05	28.901	76.250	19.162	1.03	56.89
2.07	0.27	57.49	89.00	22.15	28.031	76.326	19.200	0.88	57.49
2.08	0.23	58.08	89.23	22.25	27.212	76.388	19.232	0.76	58.08
2.09	0.18	58.67	89.41	22.32	26.443	76.436	19.256	0.60	58.67
2.10	0.13	59.25	89.54	22.37	25.726	76.469	19.274	0.44	59.25
2.11	0.09	60.34	89.63	22.41	25.063	76.492	19.286	0.31	60.34
2.12	0.06	61.42	89.69	22.44	24.381	76.506	19.294	0.21	61.42
2.13	0.04	62.50	89.73	22.45	23.786	76.516	19.299	0.14	62.50
2.14	0.02	63.58	89.75	22.46	23.218	76.521	19.302	0.07	63.58
2.15	0.01	64.65	89.76	22.47	22.676	76.523	19.303	0.04	64.65
2.16	0.01	64.77	89.77	22.47	22.164	76.525	19.305	0.04	64.77
2.17	0.01	64.89	89.78	22.48	21.682	76.527	19.306	0.04	64.89
2.18	0.03	65.01	89.81	22.49	21.232	76.534	19.310	0.11	65.01
2.19	0.05	65.14	89.86	22.52	20.817	76.544	19.316	0.18	65.14
2.20	0.07	65.26	89.93	22.55	20.438	76.558	19.325	0.25	65.26
2.21	0.09	65.26	90.02	22.59	20.095	76.576	19.335	0.33	65.26
2.22	0.10	65.26	90.12	22.64	19.688	76.596	19.347	0.36	65.26
2.23	0.10	65.26	90.22	22.69	19.375	76.616	19.359	0.37	65.26
2.24	0.11	65.26	90.33	22.74	19.062	76.637	19.371	0.40	65.26
2.25	0.11	65.26	90.44	22.79	18.749	76.657	19.384	0.41	65.26
2.26	0.12	66.13	90.56	22.85	18.437	76.679	19.397	0.44	66.13
2.27	0.13	66.99	90.69	22.91	18.127	76.703	19.412	0.48	66.99
2.28	0.14	67.86	90.83	22.98	17.819	76.728	19.428	0.52	67.86
2.29	0.15	68.72	90.98	23.06	17.515	76.754	19.445	0.56	68.72
2.30	0.16	69.57	91.14	23.14	17.214	76.782	19.462	0.60	69.57
2.31	0.31	70.07	91.45	23.30	16.917	76.834	19.497	1.17	70.07
2.32	0.31	70.57	91.76	23.46	16.626	76.886	19.531	1.17	70.57
2.33	0.31	71.06	92.07	23.62	16.341	76.936	19.565	1.18	71.06
2.34	0.31	71.56	92.38	23.78	16.062	76.986	19.599	1.18	71.56

2.35	0.31	72.05	92.69	23.94	15.790	77.035	19.632	1.18	72.05
2.36	0.31	72.53	93.00	24.10	15.526	77.083	19.665	1.19	72.53
2.37	0.31	73.02	93.31	24.26	15.270	77.130	19.698	1.19	73.02
2.38	0.31	73.50	93.62	24.43	15.024	77.177	19.730	1.20	73.50
2.39	0.30	73.99	93.92	24.58	14.759	77.221	19.762	1.16	73.99
2.40	0.30	74.47	94.22	24.74	14.517	77.265	19.792	1.16	74.47
2.41	0.30	74.95	94.52	24.90	14.275	77.308	19.823	1.17	74.95
2.42	0.30	75.42	94.82	25.06	14.033	77.350	19.853	1.17	75.42
2.43	0.30	75.90	95.12	25.22	13.791	77.391	19.883	1.17	75.90
2.44	0.30	76.37	95.42	25.38	13.550	77.432	19.913	1.18	76.37
2.45	0.30	76.84	95.72	25.54	13.310	77.472	19.942	1.18	76.84
2.46	0.30	78.15	96.02	25.71	13.071	77.511	19.972	1.18	78.15
2.47	0.29	79.46	96.31	25.87	12.834	77.548	20.000	1.15	79.46
2.48	0.29	80.76	96.60	26.04	12.599	77.585	20.029	1.15	80.76
2.49	0.29	82.06	96.89	26.20	12.367	77.621	20.057	1.15	82.06
2.50	0.29	83.35	97.18	26.37	12.138	77.656	20.086	1.16	83.35
2.51	0.29	84.64	97.47	26.55	11.912	77.690	20.115	1.16	84.64
2.52	0.29	85.92	97.76	26.72	11.690	77.724	20.144	1.16	85.92
2.53	0.29	87.20	98.05	26.90	11.471	77.757	20.172	1.17	87.20
2.54	0.29	88.47	98.34	27.08	11.257	77.790	20.201	1.17	88.47
2.55	0.28	89.74	98.62	27.26	11.048	77.821	20.229	1.13	89.74
2.56	0.28	91.00	98.90	27.44	10.844	77.851	20.256	1.13	91.00
2.57	0.28	92.26	99.18	27.63	10.646	77.881	20.284	1.14	92.26
2.58	0.28	93.51	99.46	27.81	10.453	77.910	20.311	1.14	93.51
2.59	0.28	94.76	99.74	28.00	10.267	77.939	20.339	1.14	94.76
2.60	0.28	96.00	100.02	28.19	10.087	77.967	20.366	1.14	96.00

HEAD ASH %	28.19	CLEAN COAL ASH %	20.37	REFUSE ASH %	55.87
THEO. YIELD	84.13	CLEAN COAL YIELD%	77.97	REFUSE YIELD%	22.03
SG OF SEPARATION	1.971	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	11.237	IMPERFECTION	0.202		
ORGANIC EFFCY.	92.68				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 12 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 59.97 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.29	0.36	0.29	0.36	100.000	0.290	0.360	0.0	0.36
1.25	0.28	0.71	0.57	0.53	100.000	0.570	0.532	0.0	0.71
1.26	0.28	1.06	0.85	0.71	100.000	0.850	0.706	0.0	1.06
1.27	0.28	1.41	1.13	0.88	100.000	1.130	0.880	0.0	1.41
1.28	0.28	1.75	1.41	1.05	100.000	1.410	1.053	0.0	1.75
1.29	0.28	2.09	1.69	1.22	100.000	1.690	1.225	0.0	2.09
1.30	0.27	2.43	1.96	1.39	100.000	1.960	1.391	0.0	2.43
1.31	0.27	2.76	2.23	1.56	100.000	2.230	1.557	0.0	2.76
1.32	0.27	3.14	2.50	1.73	100.000	2.500	1.728	0.0	3.14
1.33	0.27	3.56	2.77	1.91	100.000	2.770	1.906	0.0	3.56
1.34	0.27	3.99	3.04	2.09	100.000	3.040	2.091	0.0	3.99
1.35	0.26	4.40	3.30	2.27	100.000	3.300	2.273	0.0	4.40
1.36	0.26	4.82	3.56	2.46	100.000	3.560	2.459	0.0	4.82
1.37	0.26	5.23	3.82	2.65	100.000	3.820	2.648	0.0	5.23
1.38	0.26	5.64	4.08	2.84	100.000	4.080	2.838	0.0	5.64
1.39	0.26	6.04	4.34	3.03	100.000	4.340	3.030	0.0	6.04
1.40	0.25	6.45	4.59	3.22	99.941	4.590	3.216	0.00	6.45
1.41	2.10	6.80	6.69	4.34	99.865	6.687	4.340	0.01	6.80
1.42	2.40	7.15	9.09	5.08	99.771	9.082	5.081	0.02	7.15
1.43	2.63	7.50	11.72	5.63	99.663	11.703	5.623	0.03	7.50
1.44	2.77	7.85	14.49	6.05	99.540	14.460	6.048	0.04	7.85
1.45	2.83	8.20	17.32	6.40	99.405	17.273	6.398	0.06	8.20
1.46	2.82	8.07	20.14	6.78	99.257	20.072	6.771	0.07	9.07
1.47	2.72	9.94	22.86	7.15	99.099	22.768	7.146	0.08	9.94
1.48	2.55	10.81	25.41	7.52	98.807	25.287	7.511	0.10	10.81
1.49	2.29	11.66	27.70	7.86	98.571	27.544	7.851	0.11	11.66
1.50	1.96	12.52	29.66	8.17	98.300	29.471	8.156	0.11	12.52
1.51	1.76	13.15	31.42	8.45	98.000	31.196	8.432	0.12	13.15
1.52	1.75	13.77	33.17	8.73	97.658	32.905	8.710	0.14	13.77
1.53	1.74	14.39	34.91	9.01	97.260	34.597	8.987	0.16	14.39
1.54	1.74	15.01	36.65	9.30	96.815	36.282	9.267	0.19	15.01
1.55	1.73	15.62	38.38	9.58	96.330	37.948	9.546	0.22	15.62
1.56	1.72	16.42	40.10	9.87	95.814	39.596	9.832	0.24	16.42
1.57	1.71	17.22	41.81	10.17	95.275	41.226	10.124	0.27	17.22
1.58	1.70	18.01	43.51	10.48	94.729	42.836	10.421	0.31	18.01
1.59	1.69	18.79	45.20	10.79	94.408	44.431	10.721	0.32	18.79
1.60	1.68	19.57	46.88	11.11	93.740	46.006	11.024	0.36	19.57
1.61	1.70	19.96	48.58	11.42	92.995	47.587	11.321	0.41	19.96
1.62	1.75	20.35	50.33	11.73	92.174	49.200	11.617	0.47	20.35
1.63	1.78	20.74	52.11	12.03	91.278	50.825	11.909	0.53	20.74
1.64	1.77	21.12	53.88	12.33	90.306	52.423	12.189	0.58	21.12
1.65	1.74	21.50	55.62	12.62	88.930	53.971	12.456	0.66	21.50
1.66	1.68	23.02	57.30	12.92	87.788	55.446	12.737	0.70	23.02
1.67	1.59	24.54	58.89	13.24	86.578	56.822	13.023	0.73	24.54
1.68	1.47	26.04	60.36	13.55	85.306	58.076	13.304	0.73	26.04
1.69	1.33	27.54	61.69	13.85	83.979	59.193	13.573	0.72	27.54
1.70	1.16	29.03	62.85	14.13	82.601	60.151	13.819	0.69	29.03
1.71	0.89	30.77	63.74	14.36	81.178	60.874	14.020	0.57	30.77
1.72	0.71	32.49	64.45	14.56	79.717	61.440	14.191	0.49	32.49

1.73	0.56	34.21	65.01	14.73	78.222	61.878	14.332	0.41	34.21
1.74	0.44	35.92	65.45	14.88	76.700	62.215	14.449	0.35	35.92
1.75	0.34	37.62	65.79	14.99	75.155	62.471	14.544	0.29	37.62
1.76	0.35	37.62	66.14	15.11	73.393	62.726	14.639	0.32	37.62
1.77	0.29	37.62	66.43	15.21	71.693	62.936	14.715	0.28	37.62
1.78	0.27	37.62	66.70	15.30	69.915	63.124	14.783	0.28	37.62
1.79	0.28	37.62	66.98	15.39	68.076	63.315	14.852	0.30	37.62
1.80	0.33	37.62	67.31	15.50	66.192	63.533	14.930	0.38	37.62
1.81	0.31	38.01	67.62	15.61	64.279	63.733	15.002	0.38	38.01
1.82	0.31	38.40	67.93	15.71	62.352	63.926	15.073	0.40	38.40
1.83	0.31	38.79	68.24	15.82	60.429	64.113	15.142	0.42	38.79
1.84	0.31	39.18	68.55	15.92	58.525	64.295	15.210	0.44	39.18
1.85	0.31	39.57	68.86	16.03	56.655	64.470	15.276	0.46	39.57
1.86	0.31	39.99	69.17	16.14	54.837	64.640	15.341	0.48	39.99
1.87	0.30	40.40	69.47	16.24	53.085	64.800	15.403	0.48	40.40
1.88	0.30	40.82	69.77	16.35	51.417	64.954	15.463	0.50	40.82
1.89	0.29	41.23	70.06	16.45	49.848	65.098	15.521	0.49	41.23
1.90	0.28	41.64	70.34	16.55	48.488	65.234	15.575	0.49	41.64
1.91	0.28	41.95	70.62	16.65	47.003	65.366	15.628	0.50	41.95
1.92	0.28	42.26	70.90	16.75	45.547	65.493	15.680	0.52	42.26
1.93	0.28	42.57	71.18	16.85	44.120	65.617	15.731	0.53	42.57
1.94	0.28	42.88	71.46	16.95	42.725	65.736	15.780	0.55	42.88
1.95	0.28	43.18	71.74	17.06	41.363	65.852	15.828	0.56	43.18
1.96	0.28	43.60	72.02	17.16	40.034	65.964	15.875	0.57	43.60
1.97	0.28	44.01	72.30	17.26	38.741	66.073	15.922	0.58	44.01
1.98	0.28	44.43	72.58	17.37	37.484	66.178	15.967	0.60	44.43
1.99	0.28	44.84	72.86	17.47	36.265	66.279	16.011	0.61	44.84
2.00	0.28	45.24	73.14	17.58	35.085	66.378	16.054	0.62	45.24
2.01	0.28	45.61	73.42	17.69	33.946	66.473	16.097	0.63	45.61
2.02	0.28	45.96	73.70	17.80	32.848	66.565	16.138	0.64	45.96
2.03	0.28	46.32	73.98	17.90	31.793	66.654	16.178	0.65	46.32
2.04	0.28	46.68	74.26	18.01	30.783	66.740	16.218	0.66	46.68
2.05	0.28	47.03	74.54	18.12	29.818	66.823	16.256	0.67	47.03
2.06	0.28	47.19	74.82	18.23	28.901	66.904	16.293	0.68	47.19
2.07	0.28	47.34	75.10	18.34	28.031	66.983	16.330	0.69	47.34
2.08	0.28	47.49	75.38	18.45	27.212	67.059	16.365	0.69	47.49
2.09	0.28	47.64	75.66	18.55	26.443	67.133	16.400	0.70	47.64
2.10	0.28	47.79	75.94	18.66	25.726	67.205	16.433	0.71	47.79
2.11	0.05	47.79	75.99	18.68	25.063	67.217	16.439	0.13	47.79
2.12	0.05	47.79	76.04	18.70	24.381	67.230	16.445	0.13	47.79
2.13	0.05	47.79	76.09	18.72	23.786	67.242	16.450	0.13	47.79
2.14	0.05	47.79	76.14	18.74	23.218	67.253	16.456	0.13	47.79
2.15	0.05	47.79	76.19	18.76	22.676	67.265	16.461	0.13	47.79
2.16	0.05	48.30	76.24	18.78	22.164	67.276	16.466	0.13	48.30
2.17	0.05	48.81	76.29	18.80	21.682	67.286	16.472	0.13	48.81
2.18	0.05	49.31	76.34	18.82	21.232	67.297	16.477	0.13	49.31
2.19	0.05	49.81	76.39	18.84	20.817	67.307	16.482	0.13	49.81
2.20	0.05	50.31	76.44	18.86	20.438	67.318	16.487	0.14	50.31
2.21	0.13	50.45	76.57	18.91	20.095	67.344	16.500	0.35	50.45
2.22	0.16	50.60	76.73	18.98	19.688	67.375	16.516	0.44	50.60
2.23	0.18	50.74	76.91	19.05	19.375	67.410	16.534	0.49	50.74
2.24	0.21	50.89	77.12	19.14	19.062	67.450	16.554	0.58	50.89
2.25	0.23	51.03	77.35	19.23	18.749	67.493	16.576	0.64	51.03
2.26	0.26	51.86	77.61	19.34	18.437	67.541	16.601	0.72	51.86
2.27	0.29	52.69	77.90	19.47	18.127	67.594	16.629	0.81	52.69
2.28	0.32	53.52	78.22	19.61	17.819	67.651	16.660	0.89	53.52
2.29	0.35	54.34	78.57	19.76	17.515	67.712	16.695	0.98	54.34
2.30	0.38	55.16	78.95	19.93	17.214	67.778	16.732	1.07	55.16
2.31	0.75	55.23	79.70	20.26	16.917	67.904	16.804	2.12	55.23
2.32	0.74	55.31	80.44	20.59	16.626	68.027	16.873	2.10	55.31
2.33	0.74	55.38	81.18	20.90	16.341	68.148	16.942	2.1	55.38
2.34	0.74	55.45	81.92	21.21	16.062	68.267	17.009	2.1	55.45

2.35	0.73	55.52	82.65	21.52	15.790	68.383	17.074	2.09	55.52
2.36	0.73	55.60	83.38	21.82	15.526	68.496	17.137	2.10	55.60
2.37	0.73	55.67	84.11	22.11	15.270	68.607	17.200	2.10	55.67
2.38	0.73	55.74	84.84	22.40	15.024	68.717	17.261	2.11	55.74
2.39	0.72	55.81	85.56	22.68	14.759	68.823	17.321	2.09	55.81
2.40	0.72	55.88	86.28	22.96	14.517	68.928	17.379	2.09	55.88
2.41	0.72	55.95	87.00	23.23	14.275	69.031	17.437	2.10	55.95
2.42	0.71	56.02	87.71	23.50	14.033	69.130	17.493	2.08	56.02
2.43	0.71	56.09	88.42	23.76	13.791	69.228	17.547	2.08	56.09
2.44	0.71	56.16	89.13	24.02	13.550	69.324	17.601	2.09	56.16
2.45	0.70	56.23	89.83	24.27	13.310	69.417	17.653	2.06	56.23
2.46	0.70	58.96	90.53	24.54	13.071	69.509	17.707	2.07	58.96
2.47	0.70	61.67	91.23	24.82	12.834	69.599	17.764	2.08	61.67
2.48	0.70	64.38	91.93	25.12	12.599	69.687	17.823	2.08	64.38
2.49	0.69	67.07	92.62	25.43	12.367	69.772	17.883	2.06	67.07
2.50	0.69	69.75	93.31	25.76	12.138	69.856	17.945	2.06	69.75
2.51	0.69	72.42	94.00	26.10	11.912	69.938	18.009	2.07	72.42
2.52	0.69	75.09	94.69	26.46	11.690	70.019	18.075	2.07	75.09
2.53	0.68	77.74	95.37	26.83	11.471	70.097	18.141	2.05	77.74
2.54	0.68	80.38	96.05	27.21	11.257	70.174	18.209	2.05	80.38
2.55	0.68	83.01	96.73	27.60	11.048	70.249	18.278	2.06	83.01
2.56	0.67	85.62	97.40	28.00	10.844	70.321	18.348	2.03	85.62
2.57	0.67	88.23	98.07	28.41	10.646	70.393	18.419	2.04	88.23
2.58	0.67	90.83	98.74	28.83	10.453	70.463	18.491	2.04	90.83
2.59	0.67	93.42	99.41	29.27	10.267	70.531	18.564	2.04	93.42
2.60	0.66	96.00	100.07	29.71	10.087	70.598	18.637	2.02	96.00

HEAD ASH %	29.71	CLEAN COAL ASH %	18.64	REFUSE ASH %	56.29
THEO. YIELD	75.87	CLEAN COAL YIELD%	70.60	REFUSE YIELD%	29.40
SG OF SEPARATION	2.098	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	3.353	IMPERFECTION	0.202		
ORGANIC EFFCY.	93.05				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 13 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

---------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 74.36 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.17	0.35	0.17	0.35	100.000	0.170	0.350	0.0	0.35
1.25	0.17	0.69	0.34	0.52	100.000	0.340	0.520	0.0	0.69
1.26	0.17	1.02	0.51	0.69	100.000	0.510	0.687	0.0	1.02
1.27	0.17	1.35	0.68	0.85	100.000	0.680	0.852	0.0	1.35
1.28	0.17	1.68	0.85	1.02	100.000	0.850	1.018	0.0	1.68
1.29	0.17	2.01	1.02	1.18	100.000	1.020	1.183	0.0	2.01
1.30	0.17	2.33	1.19	1.35	100.000	1.190	1.347	0.0	2.33
1.31	0.17	2.65	1.36	1.51	100.000	1.360	1.510	0.0	2.65
1.32	0.16	3.02	1.52	1.67	100.000	1.520	1.669	0.0	3.02
1.33	0.16	3.43	1.68	1.84	100.000	1.680	1.837	0.0	3.43
1.34	0.16	3.84	1.84	2.01	100.000	1.840	2.011	0.0	3.84
1.35	0.16	4.24	2.00	2.19	100.000	2.000	2.189	0.0	4.24
1.36	0.16	4.64	2.16	2.37	100.000	2.160	2.371	0.0	4.64
1.37	0.16	5.04	2.32	2.55	100.000	2.320	2.555	0.0	5.04
1.38	0.16	5.43	2.48	2.74	100.000	2.480	2.740	0.0	5.43
1.39	0.16	5.83	2.64	2.93	100.000	2.640	2.928	0.0	5.83
1.40	0.15	6.22	2.79	3.10	99.941	2.790	3.104	0.00	6.22
1.41	0.74	6.22	3.53	3.76	99.865	3.529	3.757	0.00	6.22
1.42	0.81	6.22	4.34	4.22	99.771	4.337	4.216	0.00	6.22
1.43	0.86	6.22	5.20	4.55	99.663	5.194	4.547	0.01	6.22
1.44	0.90	6.22	6.10	4.80	99.540	6.090	4.793	0.01	6.22
1.45	0.91	6.22	7.01	4.98	99.405	6.995	4.977	0.01	6.22
1.46	0.81	7.80	7.82	5.27	99.257	7.799	5.268	0.01	7.80
1.47	0.79	9.38	8.61	5.65	99.099	8.581	5.643	0.01	9.38
1.48	0.75	10.94	9.36	6.07	98.807	9.323	6.064	0.02	10.94
1.49	0.70	12.50	10.06	6.52	98.571	10.013	6.508	0.02	12.50
1.50	0.63	14.04	10.69	6.86	98.300	10.632	6.947	0.02	14.04
1.51	0.63	15.45	11.32	7.44	98.000	11.249	7.413	0.02	15.45
1.52	0.63	16.84	11.95	7.93	97.658	11.864	7.902	0.03	16.84
1.53	0.62	18.23	12.57	8.44	97.260	12.467	8.402	0.03	18.23
1.54	0.62	19.61	13.19	8.96	96.815	13.068	8.917	0.03	19.61
1.55	0.62	20.98	13.81	9.50	96.330	13.665	9.444	0.04	20.98
1.56	0.62	21.96	14.43	10.04	95.814	14.259	9.965	0.05	21.96
1.57	0.62	22.93	15.05	10.57	95.275	14.850	10.481	0.05	22.93
1.58	0.63	23.90	15.68	11.11	94.723	15.446	10.999	0.06	23.90
1.59	0.63	24.86	16.31	11.64	94.408	16.041	11.513	0.06	24.86
1.60	0.63	25.81	16.94	12.16	93.740	16.632	12.021	0.07	25.81
1.61	0.64	26.56	17.58	12.69	92.995	17.227	12.523	0.08	26.56
1.62	0.64	27.30	18.22	13.20	92.174	17.817	13.013	0.09	27.30
1.63	0.64	28.04	18.86	13.71	91.278	18.401	13.490	0.10	28.04
1.64	0.64	28.77	19.50	14.20	90.306	18.979	13.955	0.11	28.77
1.65	0.64	29.50	20.14	14.69	88.930	19.548	14.408	0.12	29.50
1.66	0.64	30.61	20.78	15.18	87.788	20.110	14.860	0.14	30.61
1.67	0.65	31.72	21.43	15.68	86.578	20.673	15.319	0.15	31.72
1.68	0.65	32.82	22.08	16.18	85.306	21.227	15.776	0.17	32.82
1.69	0.65	33.92	22.73	16.69	83.979	21.773	16.231	0.18	33.92
1.70	0.65	35.01	23.38	17.20	82.601	22.310	16.683	0.20	35.01
1.71	0.68	35.82	24.06	17.73	81.178	22.862	17.145	0.2	35.82
1.72	0.72	36.63	24.78	18.27	79.717	23.436	17.622	0.6	36.63

1.73	.76	37.44	25.54	18.84	78.222	24.030	18.113	0.29	37.44
1.74	0.78	38.23	26.32	19.42	76.700	24.629	18.601	0.32	38.23
1.75	0.79	39.03	27.11	19.99	75.155	25.222	19.082	0.34	39.03
1.76	0.79	39.61	27.90	20.55	73.393	25.802	19.543	0.37	39.61
1.77	0.79	40.19	28.69	21.09	71.693	26.369	19.987	0.39	40.19
1.78	0.77	40.76	29.46	21.60	69.915	26.907	20.403	0.41	40.76
1.79	0.74	41.33	30.20	22.08	68.076	27.411	20.787	0.41	41.33
1.80	0.71	41.90	30.91	22.54	66.192	27.881	21.143	0.42	41.90
1.81	0.65	42.23	31.56	22.95	64.279	28.299	21.454	0.41	42.23
1.82	0.59	42.56	32.15	23.31	62.352	28.666	21.725	0.39	42.56
1.83	0.54	42.88	32.69	23.63	60.429	28.993	21.963	0.37	42.88
1.84	0.51	43.21	33.20	23.93	58.525	29.291	22.180	0.37	43.21
1.85	0.50	43.53	33.70	24.22	56.655	29.574	22.384	0.38	43.53
1.86	0.50	44.31	34.20	24.51	54.837	29.849	22.586	0.40	44.31
1.87	0.52	45.08	34.72	24.82	53.085	30.125	22.792	0.43	45.08
1.88	0.55	45.85	35.27	25.15	51.417	30.408	23.006	0.47	45.85
1.89	0.60	46.62	35.87	25.51	49.848	30.707	23.236	0.53	46.62
1.90	0.67	47.38	36.54	25.91	48.388	31.031	23.489	0.60	47.38
1.91	0.72	47.85	37.26	26.33	47.003	31.370	23.752	0.67	47.85
1.92	0.74	48.32	38.00	26.76	45.547	31.707	24.013	0.71	48.32
1.93	0.76	48.79	38.76	27.19	44.120	32.042	24.272	0.74	48.79
1.94	0.77	49.25	39.53	27.62	42.725	32.371	24.526	0.77	49.25
1.95	0.78	49.72	40.31	28.05	41.363	32.694	24.775	0.80	49.72
1.96	0.78	50.56	41.09	28.48	40.034	33.006	25.019	0.82	50.56
1.97	0.78	51.39	41.87	28.91	38.741	33.308	25.258	0.84	51.39
1.98	0.77	52.23	42.64	29.33	37.484	33.597	25.490	0.84	52.23
1.99	0.76	53.05	43.40	29.74	36.265	33.873	25.714	0.85	53.05
2.00	0.75	53.88	44.15	30.15	35.085	34.136	25.931	0.85	53.88
2.01	0.75	54.52	44.90	30.56	33.946	34.390	26.143	0.87	54.52
2.02	0.75	55.15	45.65	30.96	32.848	34.637	26.349	0.88	55.15
2.03	0.75	55.78	46.40	31.36	31.793	34.875	26.550	0.90	55.78
2.04	0.75	56.41	47.15	31.76	30.783	35.106	26.746	0.91	56.41
2.05	0.73	57.03	47.88	32.15	29.818	35.324	26.933	0.90	57.03
2.06	0.71	57.75	48.69	32.62	28.901	35.529	27.111	0.88	57.75
2.07	0.68	58.46	49.27	32.88	28.031	35.719	27.278	0.86	58.46
2.08	0.64	59.16	49.91	33.22	27.212	35.894	27.433	0.82	59.16
2.09	0.60	59.87	50.51	33.53	26.443	36.052	27.576	0.77	59.87
2.10	0.55	60.56	51.06	33.82	25.726	36.194	27.705	0.72	60.56
2.11	0.08	61.22	51.14	33.87	25.063	36.214	27.723	0.11	61.22
2.12	0.08	61.87	51.22	33.91	24.381	36.233	27.742	0.11	61.87
2.13	0.08	62.52	51.30	33.96	23.786	36.252	27.760	0.11	62.52
2.14	0.08	63.16	51.38	34.00	23.218	36.271	27.778	0.11	63.16
2.15	0.08	63.81	51.46	34.05	22.676	36.289	27.796	0.11	63.81
2.16	0.08	64.23	51.54	34.09	22.164	36.307	27.814	0.11	64.23
2.17	0.08	64.65	51.62	34.14	21.682	36.324	27.831	0.11	64.65
2.18	0.08	65.08	51.70	34.19	21.232	36.341	27.849	0.11	65.08
2.19	0.08	65.50	51.78	34.24	20.817	36.358	27.866	0.11	65.50
2.20	0.08	65.92	51.86	34.29	20.438	36.374	27.883	0.11	65.92
2.21	0.20	65.92	52.06	34.41	20.095	36.414	27.925	0.28	65.92
2.22	0.22	65.92	52.28	34.54	19.688	36.458	27.970	0.31	65.92
2.23	0.25	65.92	52.53	34.69	19.375	36.506	28.021	0.35	65.92
2.24	0.28	65.92	52.81	34.86	19.062	36.559	28.076	0.40	65.92
2.25	0.32	65.92	53.13	35.04	18.749	36.619	28.138	0.46	65.92
2.26	0.21	67.19	53.34	35.17	18.437	36.658	28.179	0.30	67.19
2.27	0.23	68.45	53.57	35.31	18.127	36.700	28.225	0.33	68.45
2.28	0.25	69.70	53.82	35.47	17.819	36.744	28.275	0.36	69.70
2.29	0.28	70.95	54.10	35.66	17.515	36.793	28.332	0.40	70.95
2.30	0.31	72.20	54.41	35.86	17.214	36.847	28.396	0.45	72.20
2.31	1.62	73.65	56.03	36.96	16.917	37.121	28.730	2.96	73.65
2.32	1.61	75.09	57.64	38.02	16.626	37.389	29.062	2.95	75.09
2.33	1.60	76.53	59.24	39.06	16.341	37.650	29.391	2.95	76.53
2.34	1.59	77.96	60.83	40.08	16.062	37.905	29.718	2.94	77.96

2.35	1.59	79.38	62.42	41.08	15.790	38.156	30.045	2.35	79.38
2.36	1.58	80.80	64.00	42.06	15.526	38.402	30.369	2.34	80.80
2.37	1.57	82.21	65.57	43.02	15.270	38.641	30.691	2.33	82.21
2.38	1.57	83.62	67.14	43.97	15.024	38.877	31.012	2.34	83.62
2.39	1.56	85.02	68.70	44.90	14.759	39.108	31.330	2.33	85.02
2.40	1.55	86.42	70.25	45.82	14.517	39.333	31.645	2.32	86.42
2.41	1.55	87.80	71.80	46.73	14.275	39.554	31.959	2.33	87.80
2.42	1.54	89.19	73.34	47.62	14.033	39.770	32.270	2.32	89.19
2.43	1.54	90.57	74.88	48.50	13.791	39.982	32.580	2.33	90.57
2.44	1.53	91.94	76.41	49.37	13.550	40.190	32.886	2.32	91.94
2.45	1.52	93.30	77.93	50.23	13.310	40.392	33.189	2.31	93.30
2.46	1.52	93.49	79.45	51.05	13.071	40.591	33.484	2.32	93.49
2.47	1.51	93.67	80.96	51.85	12.834	40.784	33.770	2.31	93.67
2.48	1.50	93.86	82.46	52.61	12.599	40.973	34.047	2.30	93.86
2.49	1.50	94.04	83.96	53.35	12.367	41.159	34.318	2.30	94.04
2.50	1.49	94.22	85.45	54.07	12.138	41.340	34.580	2.29	94.22
2.51	1.49	94.40	86.94	54.76	11.912	41.517	34.835	2.30	94.40
2.52	1.48	94.58	88.42	55.42	11.690	41.690	35.083	2.29	94.58
2.53	1.47	94.76	89.89	56.07	11.471	41.859	35.324	2.28	94.76
2.54	1.47	94.94	91.36	56.69	11.257	42.024	35.559	2.29	94.94
2.55	1.46	95.12	92.82	57.30	11.048	42.186	35.786	2.28	95.12
2.56	1.46	95.30	94.28	57.89	10.844	42.344	36.009	2.28	95.30
2.57	1.45	95.47	95.73	58.46	10.646	42.498	36.225	2.27	95.47
2.58	1.45	95.65	97.18	59.01	10.453	42.650	36.436	2.28	95.65
2.59	1.44	95.83	98.62	59.55	10.267	42.798	36.641	2.26	95.83
2.60	1.43	96.00	100.05	60.07	10.087	42.942	36.841	2.25	96.00

HEAD ASH %	60.07	CLEAN COAL ASH %	36.84	REFUSE ASH %	77.55		
THEO. YIELD	55.86	CLEAN COAL YIELD%	42.94	REFUSE YIELD%	57.06		
SG OF SEPARATION	2.309	ECART PROB. MOYEN	0.1800				
NEAR GRAVITY MAT	19.597	IMPERFECTION	0.202				
ORGANIC EFFCY.	76.88						

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 16 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.19 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.37	0.32	0.37	0.32	100.000	0.370	0.320	0.0	0.32
1.25	0.36	0.62	0.73	0.47	100.000	0.730	0.468	0.0	0.62
1.26	0.36	0.92	1.09	0.62	100.000	1.090	0.617	0.0	0.92
1.27	0.36	1.22	1.45	0.77	100.000	1.450	0.767	0.0	1.22
1.28	0.35	1.52	1.80	0.91	100.000	1.800	0.913	0.0	1.52
1.29	0.35	1.81	2.15	1.06	100.000	2.150	1.059	0.0	1.81
1.30	0.35	2.10	2.50	1.20	100.000	2.500	1.205	0.0	2.10
1.31	0.35	2.39	2.85	1.35	100.000	2.850	1.351	0.0	2.39
1.32	0.34	2.82	3.19	1.51	100.000	3.190	1.507	0.0	2.82
1.33	0.34	3.39	3.53	1.69	100.000	3.530	1.688	0.0	3.39
1.34	0.34	3.95	3.87	1.89	100.000	3.870	1.887	0.0	3.95
1.35	0.34	4.51	4.21	2.10	100.000	4.210	2.099	0.0	4.51
1.36	0.33	5.06	4.54	2.31	100.000	4.540	2.314	0.0	5.06
1.37	0.33	5.61	4.87	2.54	100.000	4.870	2.538	0.0	5.61
1.38	0.33	6.16	5.20	2.77	100.000	5.200	2.767	0.0	6.16
1.39	0.33	6.70	5.53	3.00	100.000	5.530	3.002	0.0	6.70
1.40	0.32	7.24	5.85	3.23	99.941	5.850	3.234	0.00	7.24
1.41	1.22	7.52	7.07	3.97	99.865	7.068	3.973	0.00	7.52
1.42	1.28	7.79	8.35	4.56	99.771	8.345	4.557	0.01	7.79
1.43	1.34	8.06	9.69	5.04	99.663	9.681	5.040	0.01	8.06
1.44	1.39	8.33	11.08	5.46	99.540	11.064	5.451	0.02	8.33
1.45	1.44	8.60	12.52	5.82	99.405	12.496	5.812	0.02	8.60
1.46	1.50	9.90	14.02	6.25	99.257	13.985	6.247	0.03	9.90
1.47	1.55	11.19	15.57	6.75	99.099	15.521	6.737	0.04	11.19
1.48	1.60	12.47	17.17	7.28	98.807	17.102	7.267	0.06	12.47
1.49	1.65	13.75	18.82	7.85	98.571	18.728	7.830	0.07	13.75
1.50	1.70	15.01	20.52	8.44	98.300	20.399	8.418	0.08	15.01
1.51	1.75	15.85	22.27	9.02	98.000	22.114	8.994	0.10	15.85
1.52	1.81	16.68	24.08	9.60	97.658	23.882	9.563	0.12	16.68
1.53	1.85	17.50	25.93	10.16	97.260	25.681	10.119	0.15	17.50
1.54	1.87	18.32	27.80	10.71	96.815	27.491	10.659	0.17	18.32
1.55	1.88	19.14	29.68	11.24	96.330	29.302	11.183	0.20	19.14
1.56	1.88	20.05	31.56	11.77	95.814	31.104	11.697	0.23	20.05
1.57	1.86	20.95	33.42	12.28	95.275	32.876	12.196	0.25	20.95
1.58	1.83	21.85	35.25	12.78	94.723	34.609	12.679	0.28	21.85
1.59	1.78	22.74	37.03	13.26	94.408	36.290	13.145	0.29	22.74
1.60	1.72	23.63	38.75	13.72	93.740	37.902	13.591	0.31	23.63
1.61	1.68	24.42	40.43	14.16	92.995	39.464	14.020	0.34	24.42
1.62	1.65	25.22	42.08	14.59	92.174	40.985	14.435	0.37	25.22
1.63	1.61	26.01	43.69	15.01	91.278	42.455	14.836	0.41	26.01
1.64	1.56	26.81	45.25	15.42	90.306	43.864	15.221	0.44	26.81
1.65	1.49	27.61	46.74	15.81	88.930	45.189	15.584	0.48	27.61
1.66	1.40	28.42	48.14	16.18	87.788	46.418	15.924	0.49	28.42
1.67	1.29	29.24	49.43	16.52	86.578	47.535	16.237	0.50	29.24
1.68	1.18	30.07	50.61	16.83	85.306	48.541	16.524	0.50	30.07
1.69	1.04	30.90	51.65	17.12	83.979	49.415	16.778	0.48	30.90
1.70	0.89	31.73	52.54	17.36	82.601	50.150	16.997	0.45	31.73
1.71	0.78	32.75	53.32	17.59	81.178	50.783	17.193	0.42	32.75
1.72	0.72	33.77	54.04	17.81	79.717	51.357	17.379	0.42	33.77

1.73	0.67	34.77	54.71	18.01	78.222	51.881	17.554	0.42	34.77
1.74	0.63	35.78	55.34	18.22	76.700	52.364	17.722	0.42	35.78
1.75	0.58	36.77	55.92	18.41	75.155	52.800	17.880	0.42	36.77
1.76	0.55	37.03	56.47	18.59	73.393	53.204	18.025	0.42	37.03
1.77	0.51	37.28	56.98	18.76	71.693	53.569	18.156	0.42	37.28
1.78	0.49	37.53	57.47	18.92	69.915	53.912	18.279	0.43	37.53
1.79	0.46	37.79	57.93	19.07	68.076	54.225	18.392	0.42	37.79
1.80	0.45	38.04	58.38	19.21	66.192	54.523	18.499	0.44	38.04
1.81	0.43	38.07	58.81	19.35	64.279	54.799	18.598	0.44	38.07
1.82	0.41	38.09	59.22	19.48	62.352	55.055	18.689	0.45	38.09
1.83	0.40	38.12	59.62	19.61	60.429	55.297	18.774	0.46	38.12
1.84	0.39	38.15	60.01	19.73	58.525	55.525	18.853	0.47	38.15
1.85	0.38	38.18	60.39	19.84	56.655	55.740	18.928	0.48	38.18
1.86	0.39	39.37	60.78	19.97	54.837	55.954	19.006	0.51	39.37
1.87	0.39	40.56	61.17	20.10	53.085	56.161	19.086	0.53	40.56
1.88	0.41	41.73	61.58	20.24	51.417	56.372	19.170	0.58	41.73
1.89	0.43	42.91	62.01	20.40	49.848	56.586	19.260	0.62	42.91
1.90	0.45	44.07	62.46	20.57	48.488	56.804	19.355	0.67	44.07
1.91	0.48	44.75	62.94	20.75	47.003	57.030	19.456	0.73	44.75
1.92	0.52	45.43	63.46	20.96	45.547	57.267	19.563	0.82	45.43
1.93	0.55	46.10	64.01	21.17	44.120	57.510	19.675	0.89	46.10
1.94	0.57	46.78	64.58	21.40	42.725	57.753	19.790	0.94	46.78
1.95	0.60	47.44	65.18	21.64	41.363	58.001	19.908	1.02	47.44
1.96	0.62	48.33	65.80	21.89	40.034	58.250	20.029	1.07	48.33
1.97	0.63	49.22	66.43	22.15	38.741	58.494	20.151	1.11	49.22
1.98	0.65	50.10	67.08	22.42	37.484	58.737	20.275	1.17	50.10
1.99	0.66	50.97	67.74	22.70	36.265	58.977	20.400	1.21	50.97
2.00	0.66	51.84	68.40	22.98	35.085	59.208	20.523	1.24	51.84
2.01	0.21	52.46	68.61	23.07	33.946	59.279	20.561	0.40	52.46
2.02	0.25	53.08	68.86	23.18	32.848	59.362	20.606	0.48	53.08
2.03	0.29	53.69	69.15	23.31	31.793	59.454	20.657	0.57	53.69
2.04	0.31	54.30	69.46	23.44	30.783	59.549	20.711	0.62	54.30
2.05	0.32	54.90	69.78	23.59	29.818	59.645	20.766	0.65	54.90
2.06	2.06	54.90	71.84	24.49	28.901	60.240	21.103	4.23	54.90
2.07	1.97	54.90	73.81	25.30	28.031	60.792	21.410	4.09	54.90
2.08	1.80	54.91	75.61	26.00	27.212	61.282	21.678	3.78	54.91
2.09	1.55	54.91	77.16	26.58	26.443	61.692	21.899	3.29	54.91
2.10	1.22	54.91	78.38	27.03	25.726	62.006	22.066	2.62	54.91
2.11	0.24	54.91	78.62	27.11	25.063	62.066	22.098	0.52	54.91
2.12	0.24	54.91	78.86	27.19	24.381	62.124	22.129	0.52	54.91
2.13	0.24	54.91	79.10	27.28	23.786	62.181	22.159	0.53	54.91
2.14	0.24	54.91	79.34	27.36	23.218	62.237	22.188	0.53	54.91
2.15	0.24	54.91	79.58	27.45	22.676	62.292	22.217	0.54	54.91
2.16	0.02	55.60	79.60	27.45	22.164	62.296	22.219	0.04	55.60
2.17	0.02	56.28	79.62	27.46	21.682	62.300	22.221	0.05	56.28
2.18	0.02	56.96	79.64	27.47	21.232	62.305	22.224	0.05	56.96
2.19	0.02	57.64	79.66	27.47	20.817	62.309	22.226	0.05	57.64
2.20	0.02	58.31	79.68	27.48	20.438	62.313	22.229	0.05	58.31
2.21	0.55	59.00	80.23	27.70	20.095	62.423	22.294	1.27	59.00
2.22	0.58	59.68	80.81	27.93	19.688	62.538	22.362	1.35	59.68
2.23	0.60	60.35	81.41	28.17	19.375	62.654	22.432	1.40	60.35
2.24	0.61	61.03	82.02	28.41	19.082	62.770	22.504	1.43	61.03
2.25	0.61	61.70	82.63	28.66	18.749	62.884	22.575	1.43	61.70
2.26	0.61	62.24	83.24	28.90	18.437	62.997	22.646	1.44	62.24
2.27	0.60	62.79	83.84	29.15	18.127	63.106	22.715	1.42	62.79
2.28	0.58	63.33	84.42	29.38	17.819	63.209	22.782	1.38	63.33
2.29	0.55	63.87	84.97	29.60	17.515	63.305	22.844	1.31	63.87
2.30	0.52	64.41	85.49	29.82	17.214	63.395	22.903	1.24	64.41
2.31	0.58	64.41	86.07	30.05	16.917	63.493	22.967	1.39	64.41
2.32	0.58	64.41	86.65	30.28	16.626	63.589	23.030	1.40	64.41
2.33	0.58	64.41	87.23	30.51	16.341	63.684	23.091	1.40	64.41
2.34	0.57	64.41	87.80	30.73	16.062	63.776	23.151	1.38	64.41

2.35	0.57	64.41	88.37	30.94	15.790	63.866	23.209	1.39	64.41
2.36	0.57	64.41	88.94	31.16	15.526	63.954	23.266	1.39	64.41
2.37	0.57	64.41	89.51	31.37	15.270	64.041	23.322	1.39	64.41
2.38	0.56	64.41	90.07	31.57	15.024	64.125	23.376	1.37	64.41
2.39	0.56	64.41	90.63	31.78	14.759	64.208	23.429	1.38	64.41
2.40	0.56	64.41	91.19	31.98	14.517	64.289	23.480	1.38	64.41
2.41	0.56	64.41	91.75	32.18	14.275	64.369	23.531	1.39	64.41
2.42	0.55	64.41	92.30	32.37	14.033	64.447	23.580	1.37	64.41
2.43	0.55	64.41	92.85	32.56	13.791	64.522	23.628	1.37	64.41
2.44	0.55	64.41	93.40	32.75	13.550	64.597	23.675	1.37	64.41
2.45	0.55	64.41	93.95	32.93	13.310	64.670	23.721	1.38	64.41
2.46	0.42	66.58	94.37	33.08	13.071	64.725	23.758	1.05	66.58
2.47	0.42	68.73	94.79	33.24	12.834	64.779	23.795	1.06	68.73
2.48	0.41	70.88	95.20	33.40	12.599	64.831	23.833	1.03	70.88
2.49	0.41	73.02	95.61	33.57	12.367	64.881	23.871	1.04	73.02
2.50	0.41	75.15	96.02	33.75	12.138	64.931	23.910	1.04	75.15
2.51	0.41	77.27	96.43	33.93	11.912	64.980	23.951	1.04	77.27
2.52	0.41	79.39	96.84	34.13	11.690	65.028	23.991	1.05	78.39
2.53	0.41	81.49	97.25	34.33	11.471	65.075	24.033	1.05	81.49
2.54	0.41	83.59	97.66	34.53	11.257	65.121	24.075	1.05	83.59
2.55	0.40	85.68	98.06	34.74	11.048	65.165	24.117	1.03	85.68
2.56	0.40	87.76	98.46	34.96	10.844	65.209	24.159	1.03	87.76
2.57	0.40	89.83	98.86	35.18	10.646	65.251	24.202	1.03	89.83
2.58	0.40	91.90	99.26	35.41	10.453	65.293	24.245	1.03	91.90
2.59	0.40	93.95	99.66	35.64	10.267	65.334	24.289	1.04	93.95
2.60	0.40	96.00	100.06	35.88	10.087	65.374	24.334	1.04	96.00

HEAD ASH %	35.88	CLEAN COAL ASH %	24.33	REFUSE ASH %	57.69
THEO. YIELD	71.49	CLEAN COAL YIELD%	65.37	REFUSE YIELD%	34.63
SG OF SEPARATION	2.058	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	13.902	IMPERFECTION	0.202		
ORGANIC EFFCY.	91.45				

(2)

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 17 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.70 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.44	0.42	0.44	0.42	100.000	0.440	0.420	0.0	0.42
1.25	0.43	0.83	0.87	0.62	100.000	0.870	0.623	0.0	0.83
1.26	0.43	1.23	1.30	0.82	100.000	1.300	0.824	0.0	1.23
1.27	0.43	1.63	1.73	1.02	100.000	1.730	1.024	0.0	1.63
1.28	0.42	2.03	2.15	1.22	100.000	2.150	1.221	0.0	2.03
1.29	0.42	2.43	2.57	1.42	100.000	2.570	1.418	0.0	2.43
1.30	0.42	2.82	2.99	1.62	100.000	2.990	1.615	0.0	2.82
1.31	0.41	3.21	3.40	1.81	100.000	3.400	1.807	0.0	3.21
1.32	0.41	3.65	3.81	2.01	100.000	3.810	2.006	0.0	3.65
1.33	0.41	4.15	4.22	2.21	100.000	4.220	2.214	0.0	4.15
1.34	0.40	4.64	4.62	2.42	100.000	4.620	2.424	0.0	4.64
1.35	0.40	5.13	5.02	2.64	100.000	5.020	2.640	0.0	5.13
1.36	0.40	5.62	5.42	2.86	100.000	5.420	2.860	0.0	5.62
1.37	0.40	6.10	5.82	3.08	100.000	5.820	3.082	0.0	6.10
1.38	0.39	6.58	6.21	3.30	100.000	6.210	3.302	0.0	6.58
1.39	0.39	7.06	6.60	3.52	100.000	6.600	3.524	0.0	7.06
1.40	0.39	7.53	6.99	3.75	99.941	6.990	3.747	0.00	7.53
1.41	2.39	7.69	9.38	4.75	99.865	9.377	4.751	0.01	7.69
1.42	2.58	7.85	11.96	5.42	99.771	11.951	5.419	0.03	7.85
1.43	2.73	8.01	14.69	5.90	99.663	14.671	5.899	0.04	8.01
1.44	2.83	8.17	17.52	6.27	99.540	17.486	6.265	0.06	8.17
1.45	2.88	8.33	20.40	6.56	99.405	20.351	6.555	0.08	8.33
1.46	2.88	9.58	23.28	6.93	99.257	23.210	6.928	0.10	9.58
1.47	2.84	10.81	26.12	7.35	99.099	26.024	7.348	0.12	10.81
1.48	2.75	12.04	28.87	7.80	98.807	28.742	7.791	0.15	12.04
1.49	2.61	13.26	31.48	8.25	98.571	31.314	8.241	0.17	13.26
1.50	2.42	14.47	33.90	8.70	98.300	33.693	8.680	0.19	14.47
1.51	2.32	15.55	36.22	9.14	98.000	35.967	9.115	0.21	15.55
1.52	2.32	16.62	38.54	9.59	97.658	38.232	9.559	0.24	16.62
1.53	2.31	17.69	40.85	10.04	97.260	40.479	10.011	0.29	17.69
1.54	2.29	18.74	43.14	10.51	96.815	42.696	10.464	0.33	18.74
1.55	2.26	19.79	45.40	10.97	96.330	44.873	10.916	0.37	19.79
1.56	2.21	20.53	47.61	11.41	95.814	46.991	11.350	0.42	20.53
1.57	2.16	21.27	49.77	11.84	95.275	49.049	11.766	0.46	21.27
1.58	2.09	22.00	51.86	12.25	94.723	51.028	12.163	0.50	22.00
1.59	2.01	22.73	53.87	12.64	94.408	52.926	12.542	0.51	22.73
1.60	1.92	23.45	55.79	13.01	93.740	54.726	12.901	0.54	23.45
1.61	1.82	24.11	57.61	13.36	92.995	56.418	13.237	0.57	24.11
1.62	1.72	24.78	59.33	13.69	92.174	58.004	13.552	0.61	24.78
1.63	1.63	25.43	60.96	14.01	91.278	59.491	13.849	0.64	25.43
1.64	1.54	26.09	62.50	14.31	90.306	60.882	14.129	0.67	26.09
1.65	1.45	26.74	63.95	14.59	88.930	62.172	14.391	0.72	26.74
1.66	1.37	27.82	65.32	14.87	87.788	63.374	14.645	0.75	27.82
1.67	1.28	28.89	66.60	15.13	86.578	64.483	14.890	0.77	28.89
1.68	1.20	29.96	67.80	15.40	85.306	65.506	15.126	0.79	29.96
1.69	1.12	31.02	68.92	15.65	83.979	66.447	15.361	0.81	31.02
1.70	1.04	32.07	69.96	15.90	82.601	67.306	15.564	0.82	32.07
1.71	.0	33.17	70.96	16.14	81.178	68.118	15.774		33.17
1.72	.7	34.25	71.93	16.38	79.717	68.891	15.981		34.25

1.73	0.93	35.34	72.86	16.62	78.222	69.618	16.184	0.91	35.34
1.74	0.88	36.41	73.74	16.86	76.700	70.293	16.378	0.92	36.41
1.75	0.82	37.48	74.56	17.09	75.155	70.910	16.561	0.92	37.48
1.76	0.73	37.91	75.29	17.29	73.593	71.445	16.721	0.88	37.91
1.77	0.64	38.33	75.93	17.47	71.693	71.904	16.859	0.82	38.33
1.78	0.63	38.75	76.46	17.61	69.915	72.275	16.971	0.72	38.75
1.79	0.41	39.17	76.87	17.73	68.076	72.554	17.057	0.59	39.17
1.80	0.27	39.59	77.14	17.81	66.192	72.733	17.112	0.41	39.59
1.81	0.20	40.10	77.34	17.86	64.279	72.861	17.153	0.32	40.10
1.82	0.19	40.60	77.53	17.92	62.352	72.980	17.191	0.32	40.60
1.83	0.19	41.10	77.72	17.98	60.429	73.094	17.228	0.34	41.10
1.84	0.18	41.60	77.90	18.03	58.525	73.200	17.263	0.34	41.60
1.85	0.18	42.09	78.08	18.09	56.655	73.302	17.298	0.35	42.09
1.86	0.18	42.84	78.26	18.14	54.837	73.400	17.332	0.37	42.84
1.87	0.18	43.59	78.44	18.20	53.085	73.496	17.366	0.38	43.59
1.88	0.19	44.34	78.63	18.26	51.417	73.594	17.402	0.42	44.34
1.89	0.19	45.08	78.82	18.33	49.848	73.688	17.438	0.43	45.08
1.90	0.20	45.82	79.02	18.40	48.488	73.785	17.475	0.46	45.82
1.91	0.20	46.28	79.22	18.47	47.003	73.879	17.512	0.48	46.28
1.92	0.20	46.73	79.42	18.54	45.547	73.970	17.548	0.49	46.73
1.93	0.20	47.18	79.62	18.61	44.120	74.059	17.583	0.50	47.18
1.94	0.20	47.63	79.82	18.68	42.725	74.144	17.618	0.62	47.63
1.95	0.20	48.08	80.02	18.76	41.363	74.227	17.652	0.53	48.08
1.96	0.20	48.95	80.22	18.83	40.034	74.307	17.685	0.54	48.95
1.97	0.20	49.81	80.42	18.91	38.741	74.384	17.719	0.55	49.81
1.98	0.20	50.66	80.62	18.99	37.484	74.459	17.752	0.56	50.66
1.99	0.21	51.52	80.83	19.07	36.265	74.535	17.787	0.60	51.52
2.00	0.21	52.36	81.04	19.16	35.085	74.609	17.821	0.61	52.36
2.01	0.24	52.98	81.28	19.26	33.946	74.681	17.859	0.71	52.98
2.02	0.28	53.60	81.56	19.38	32.848	74.753	17.903	0.85	53.60
2.03	0.31	54.22	81.87	19.51	31.793	74.881	17.951	0.95	54.22
2.04	0.34	54.83	82.21	19.66	30.783	74.986	18.002	1.06	54.83
2.05	0.35	55.44	82.56	19.81	29.818	75.090	18.054	1.11	55.44
2.06	0.35	55.94	82.91	19.96	28.901	75.191	18.105	1.12	55.94
2.07	0.34	56.43	83.25	20.11	28.031	75.287	18.154	1.10	56.43
2.08	0.32	56.92	83.57	20.25	27.212	75.374	18.199	1.05	56.92
2.09	0.28	57.40	83.85	20.37	26.443	75.448	18.237	0.93	57.40
2.10	0.24	57.89	84.09	20.48	25.726	75.510	18.269	0.80	57.89
2.11	0.18	58.33	84.27	20.56	25.063	75.555	18.293	0.61	58.33
2.12	0.12	58.76	84.39	20.62	24.381	75.584	18.309	0.41	58.76
2.13	0.07	59.19	84.46	20.65	23.786	75.601	18.318	0.24	59.19
2.14	0.03	59.62	84.49	20.66	23.218	75.608	18.322	0.10	59.62
2.15	0.01	60.05	84.50	20.67	22.676	75.610	18.323	0.03	60.05
2.16	0.01	60.53	84.51	20.67	22.164	75.612	18.324	0.04	60.53
2.17	0.02	61.00	84.53	20.68	21.682	75.616	18.327	0.07	61.00
2.18	0.04	61.48	84.57	20.70	21.232	75.625	18.332	0.14	61.48
2.19	0.08	61.95	84.65	20.74	20.817	75.641	18.341	0.29	61.95
2.20	0.13	62.42	84.76	20.80	20.438	75.668	18.357	0.47	62.42
2.21	0.16	62.67	84.94	20.88	20.095	75.700	18.376	0.58	62.67
2.22	0.18	62.93	85.12	20.97	19.688	75.736	18.396	0.65	62.93
2.23	0.19	63.18	85.31	21.06	19.375	75.772	18.418	0.69	63.18
2.24	0.21	63.43	85.52	21.17	19.062	75.812	18.442	0.77	63.43
2.25	0.22	63.69	85.74	21.28	18.749	75.854	18.467	0.81	63.69
2.26	0.24	64.41	85.98	21.40	18.437	75.898	18.493	0.88	64.41
2.27	0.26	65.12	86.24	21.53	18.127	75.945	18.522	0.96	65.12
2.28	0.27	65.84	86.51	21.67	17.819	75.993	18.552	1.00	65.84
2.29	0.29	66.55	86.80	21.82	17.515	76.044	18.584	1.08	66.55
2.30	0.31	67.26	87.11	21.98	17.214	76.097	18.618	1.16	67.26
2.31	0.46	67.36	87.57	22.22	16.917	76.175	18.668	1.72	67.36
2.32	0.45	67.47	88.02	22.45	16.626	76.250	18.716	1.69	67.47
2.33	0.45	67.58	88.47	22.68	16.341	76.324	18.763	1.70	67.58
2.34	0.45	67.69	88.92	22.91	16.062	76.396	18.809	1.70	67.69

2.35	0.45	67.79	89.37	23.13	15.790	76.467	18.855	1.71	67.79
2.36	0.45	67.90	89.82	23.36	15.526	76.537	18.900	1.71	67.90
2.37	0.44	68.00	90.26	23.58	15.270	76.604	18.943	1.68	68.00
2.38	0.44	68.11	90.70	23.79	15.024	76.670	18.985	1.69	68.11
2.39	0.44	68.21	91.14	24.01	14.759	76.735	19.027	1.69	68.21
2.40	0.44	68.32	91.58	24.22	14.517	76.799	19.068	1.70	68.32
2.41	0.44	68.42	92.02	24.43	14.275	76.862	19.108	1.70	68.42
2.42	0.44	68.52	92.46	24.64	14.033	76.923	19.148	1.71	68.52
2.43	0.43	68.63	92.89	24.84	13.791	76.983	19.186	1.67	68.63
2.44	0.43	68.73	93.32	25.05	13.550	77.041	19.223	1.68	68.73
2.45	0.43	68.83	93.75	25.25	13.310	77.098	19.260	1.68	68.83
2.46	0.43	70.69	94.18	25.45	13.071	77.154	19.298	1.69	70.69
2.47	0.43	72.55	94.61	25.67	12.834	77.210	19.336	1.69	72.55
2.48	0.42	74.39	95.03	25.88	12.599	77.263	19.373	1.65	74.39
2.49	0.42	76.23	95.45	26.10	12.367	77.314	19.412	1.66	76.23
2.50	0.42	78.07	95.87	26.33	12.138	77.365	19.450	1.66	78.07
2.51	0.42	79.89	96.29	26.57	11.912	77.416	19.489	1.67	79.89
2.52	0.42	81.71	96.71	26.81	11.690	77.465	19.529	1.67	81.71
2.53	0.42	83.52	97.13	27.05	11.471	77.513	19.569	1.68	83.52
2.54	0.41	85.32	97.54	27.30	11.257	77.559	19.608	1.64	85.32
2.55	0.41	87.12	97.95	27.55	11.048	77.604	19.647	1.64	87.12
2.56	0.41	88.91	98.36	27.80	10.844	77.649	19.687	1.65	88.91
2.57	0.41	90.69	98.77	28.06	10.646	77.692	19.727	1.65	90.69
2.58	0.41	92.47	99.18	28.33	10.453	77.735	19.767	1.66	92.47
2.59	0.41	94.24	99.59	28.60	10.267	77.777	19.807	1.66	94.24
2.60	0.40	96.00	99.99	28.87	10.087	77.818	19.847	1.62	96.00

		CLEAN COAL ASH %	19.85	REFUSE ASH %	60.53
HEAD ASH %	28.87	CLEAN COAL YIELD%	77.82	REFUSE YIELD%	22.18
THEO. YIELD	82.65	ECART PROB. MOYEN	0.1800		
SG OF SEPARATION	2.053	IMPERFECTION	0.202		
NEAR GRAVITY MAT	4.431				
ORGANIC EFFCY.	94.15				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 18 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 75.60 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM WT%	CLEAN COAL CUM ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.40	0.31	0.40	0.31	100.000	0.400	0.310	0.0	0.31
1.25	0.40	0.61	0.80	0.46	100.000	0.800	0.460	0.0	0.61
1.26	0.39	0.91	1.19	0.61	100.000	1.190	0.607	0.0	0.91
1.27	0.39	1.21	1.58	0.76	100.000	1.580	0.756	0.0	1.21
1.28	0.39	1.50	1.97	0.90	100.000	1.970	0.903	0.0	1.50
1.29	0.39	1.79	2.36	1.05	100.000	2.360	1.050	0.0	1.79
1.30	0.38	2.08	2.74	1.19	100.000	2.740	1.193	0.0	2.08
1.31	0.38	2.37	3.12	1.34	100.000	3.120	1.336	0.0	2.37
1.32	0.38	2.82	3.50	1.50	100.000	3.500	1.497	0.0	2.82
1.33	0.37	3.44	3.87	1.68	100.000	3.870	1.683	0.0	3.44
1.34	0.37	4.05	4.24	1.89	100.000	4.240	1.890	0.0	4.05
1.35	0.37	4.65	4.61	2.11	100.000	4.610	2.111	0.0	4.65
1.36	0.37	5.25	4.98	2.34	100.000	4.980	2.344	0.0	5.25
1.37	0.36	5.85	5.34	2.58	100.000	5.340	2.581	0.0	5.85
1.38	0.36	6.45	5.70	2.83	100.000	5.700	2.825	0.0	6.45
1.39	0.36	7.03	6.06	3.07	100.000	6.060	3.075	0.0	7.03
1.40	0.35	7.62	6.41	3.32	99.941	6.410	3.323	0.00	7.62
1.41	1.24	7.92	7.65	4.07	99.865	7.648	4.067	0.01	7.92
1.42	1.32	8.21	8.97	4.68	99.771	8.965	4.676	0.01	8.21
1.43	1.41	8.51	10.38	5.20	99.663	10.370	5.195	0.02	8.51
1.44	1.49	8.80	11.87	5.65	99.540	11.853	5.646	0.02	8.80
1.45	1.58	9.09	13.45	6.05	99.405	13.424	6.049	0.03	9.09
1.46	1.67	10.17	15.12	6.51	99.267	15.082	6.502	0.04	10.17
1.47	1.75	11.25	16.87	7.00	99.099	16.816	6.992	0.05	11.25
1.48	1.84	12.31	18.71	7.52	98.807	18.634	7.511	0.08	12.31
1.49	1.93	13.37	20.64	8.07	98.571	20.536	8.053	0.10	13.37
1.50	2.02	14.43	22.66	8.64	98.300	22.522	8.616	0.12	14.43
1.51	2.13	15.12	24.79	9.19	98.000	24.609	9.167	0.15	15.12
1.52	2.23	15.82	27.02	9.74	97.658	26.787	9.708	0.18	15.82
1.53	2.31	16.51	29.33	10.27	97.260	29.034	10.235	0.22	16.51
1.54	2.36	17.19	31.69	10.79	96.815	31.319	10.742	0.26	17.19
1.55	2.38	17.87	34.07	11.28	96.330	33.611	11.228	0.30	17.87
1.56	2.38	18.57	36.45	11.76	95.814	35.892	11.695	0.35	18.57
1.57	2.36	19.27	38.81	12.22	95.275	38.140	12.141	0.39	19.27
1.58	2.30	19.96	41.11	12.65	94.723	40.319	12.564	0.42	19.96
1.59	2.23	20.64	43.34	13.06	94.408	42.424	12.965	0.43	20.64
1.60	2.12	21.32	45.46	13.45	93.740	44.411	13.338	0.46	21.32
1.61	2.07	21.98	47.53	13.82	92.995	46.336	13.697	0.50	21.98
1.62	2.07	22.63	49.60	14.19	92.174	48.244	14.051	0.56	22.63
1.63	2.03	23.27	51.63	14.54	91.278	50.097	14.392	0.61	23.27
1.64	1.97	23.91	53.60	14.89	90.306	51.876	14.718	0.66	23.91
1.65	1.87	24.55	55.47	15.21	88.930	53.539	15.023	0.72	24.55
1.66	1.75	25.49	57.22	15.53	87.788	55.076	15.315	0.74	25.49
1.67	1.59	26.43	58.81	15.82	86.578	56.452	15.586	0.74	26.43
1.68	1.41	27.36	60.22	16.09	85.306	57.655	15.832	0.72	27.36
1.69	1.19	28.29	61.41	16.33	83.979	58.654	16.044	0.66	28.29
1.70	0.95	29.21	62.36	16.52	82.601	59.439	16.218	0.57	29.21
1.71	0.78	30.16	63.14	16.69	81.178	60.072	16.365	0.51	30.16
1.72	0.72	31.10	63.86	16.86	79.717	60.646	16.505	0.51	31.10

1.73	0.66	32.03	64.52	17.01	78.222	61.163	16.636	0.50	32.03
1.74	0.61	32.96	65.13	17.16	76.700	61.630	16.760	0.49	32.96
1.75	0.56	33.88	65.69	17.30	75.155	62.051	16.876	0.48	33.88
1.76	0.52	34.75	66.21	17.44	73.393	62.433	16.985	0.48	34.75
1.77	0.49	35.60	66.70	17.57	71.693	62.784	17.089	0.48	35.60
1.78	0.46	36.45	67.16	17.70	69.915	63.106	17.188	0.48	36.45
1.79	0.44	37.30	67.60	17.83	68.076	63.405	17.283	0.49	37.30
1.80	0.42	38.14	68.02	17.95	66.192	63.683	17.374	0.49	38.14
1.81	0.42	39.05	68.44	18.08	64.279	63.953	17.465	0.52	39.05
1.82	0.42	39.96	68.86	18.22	62.352	64.215	17.557	0.55	39.96
1.83	0.42	40.86	69.28	18.36	60.429	64.469	17.649	0.58	40.86
1.84	0.42	41.76	69.70	18.50	58.525	64.715	17.740	0.60	41.76
1.85	0.41	42.65	70.11	18.64	56.655	64.947	17.829	0.62	42.65
1.86	0.40	43.19	70.51	18.78	54.837	65.167	17.915	0.63	43.19
1.87	0.39	43.73	70.90	18.91	53.085	65.374	17.997	0.64	43.73
1.88	0.37	44.27	71.27	19.05	51.417	65.564	18.073	0.62	44.27
1.89	0.35	44.81	71.62	19.17	49.848	65.738	18.144	0.61	44.81
1.90	0.33	45.34	71.95	19.29	48.488	65.898	18.210	0.59	45.34
1.91	0.30	45.50	72.25	19.40	47.003	66.039	18.268	0.55	45.50
1.92	0.27	45.65	72.52	19.50	45.547	66.162	18.319	0.51	45.65
1.93	0.24	45.81	72.76	19.58	44.120	66.268	18.363	0.47	45.81
1.94	0.23	45.96	72.99	19.67	42.725	66.366	18.404	0.46	45.96
1.95	0.22	46.12	73.21	19.75	41.363	66.457	18.442	0.45	46.12
1.96	0.22	47.23	73.43	19.83	40.034	66.545	18.480	0.46	47.23
1.97	0.22	48.33	73.65	19.91	38.741	66.631	18.518	0.47	48.33
1.98	0.24	49.43	73.89	20.01	37.484	66.721	18.560	0.52	49.43
1.99	0.26	50.52	74.15	20.12	36.265	66.815	18.605	0.58	50.52
2.00	0.29	51.61	74.44	20.24	35.085	66.917	18.655	0.65	51.61
2.01	0.12	52.44	74.56	20.29	33.946	66.957	18.676	0.28	52.44
2.02	0.14	53.27	74.70	20.35	32.848	67.003	18.699	0.33	53.27
2.03	0.16	54.09	74.86	20.43	31.793	67.054	18.726	0.38	54.09
2.04	0.17	54.91	75.03	20.50	30.783	67.107	18.754	0.41	54.91
2.05	0.17	55.72	75.20	20.58	29.818	67.157	18.782	0.41	55.72
2.06	0.79	55.72	75.99	20.95	28.901	67.386	18.907	1.95	55.72
2.07	0.76	55.72	76.75	21.29	28.031	67.599	19.023	1.90	55.72
2.08	0.70	55.72	77.45	21.60	27.212	67.789	19.127	1.77	55.72
2.09	0.62	55.72	78.07	21.88	26.443	67.953	19.215	1.58	55.72
2.10	0.51	55.72	78.58	22.10	25.726	68.084	19.285	1.32	55.72
2.11	0.35	55.72	78.93	22.24	25.063	68.172	19.332	0.91	55.72
2.12	0.25	55.72	79.18	22.35	24.381	68.233	19.365	0.66	55.72
2.13	0.17	55.72	79.35	22.42	23.786	68.273	19.386	0.45	55.72
2.14	0.12	55.73	79.47	22.47	23.218	68.301	19.401	0.32	55.73
2.15	0.08	55.73	79.55	22.51	22.676	68.319	19.411	0.21	55.73
2.16	0.01	56.31	79.56	22.51	22.164	68.322	19.412	0.03	56.31
2.17	0.02	56.89	79.58	22.52	21.682	68.326	19.414	0.05	56.89
2.18	0.02	57.47	79.60	22.53	21.232	68.330	19.417	0.05	57.47
2.19	0.04	58.04	79.64	22.54	20.817	68.339	19.421	0.11	58.04
2.20	0.05	58.62	79.69	22.57	20.438	68.349	19.427	0.14	58.62
2.21	0.21	58.91	79.90	22.66	20.095	68.391	19.451	0.58	58.91
2.22	0.22	59.20	80.12	22.76	19.688	68.434	19.477	0.61	59.20
2.23	0.23	59.50	80.35	22.87	19.375	68.479	19.503	0.64	59.50
2.24	0.25	59.79	80.60	22.98	19.062	68.526	19.531	0.70	59.79
2.25	0.27	60.08	80.87	23.11	18.749	68.577	19.561	0.76	60.08
2.26	0.29	61.43	81.16	23.24	18.437	68.631	19.593	0.82	61.43
2.27	0.31	62.78	81.47	23.39	18.127	68.687	19.629	0.88	62.78
2.28	0.33	64.12	81.80	23.56	17.819	68.746	19.667	0.94	64.12
2.29	0.36	65.45	82.16	23.74	17.515	68.809	19.709	1.03	65.45
2.30	0.38	66.78	82.54	23.94	17.214	68.874	19.753	1.09	66.78
2.31	0.62	67.68	83.16	24.27	16.917	68.979	19.826	1.79	67.68
2.32	0.62	68.57	83.78	24.59	16.626	69.082	19.899	1.80	68.57
2.33	[illegible]	69.45	84.39	24.92	16.341	69.182	19.970	[illegible]	69.45
2.34	[illegible]	70.34	85.00	25.24	16.062	69.280	20.042	[illegible]	70.34

2.35	0.61	71.22	85.61	25.57	15.790	69.376	20.113	1.78	71.22
2.36	0.60	72.09	86.21	25.90	15.526	69.469	20.182	1.76	72.09
2.37	0.60	72.97	86.81	26.22	15.270	69.561	20.252	1.77	72.97
2.38	0.60	73.84	87.41	26.55	15.024	69.651	20.321	1.77	73.84
2.39	0.60	74.70	88.01	26.88	14.759	69.739	20.390	1.78	74.70
2.40	0.59	75.56	88.60	27.20	14.517	69.825	20.458	1.75	75.56
2.41	0.59	76.42	89.19	27.53	14.275	69.909	20.525	1.76	76.42
2.42	0.59	77.27	89.78	27.85	14.033	69.992	20.592	1.76	77.27
2.43	0.59	78.12	90.37	28.18	13.791	70.073	20.659	1.77	78.12
2.44	0.58	78.97	90.95	28.50	13.550	70.152	20.725	1.74	78.97
2.45	0.58	79.82	91.53	28.83	13.310	70.229	20.790	1.75	79.82
2.46	0.58	80.93	92.11	29.16	13.071	70.305	20.854	1.75	80.93
2.47	0.58	82.03	92.69	29.49	12.834	70.380	20.919	1.76	82.03
2.48	0.58	83.13	93.27	29.82	12.599	70.453	20.984	1.76	83.13
2.49	0.57	84.23	93.84	30.15	12.367	70.523	21.047	1.73	84.23
2.50	0.57	85.32	94.41	30.49	12.138	70.592	21.110	1.74	85.32
2.51	0.57	86.41	94.98	30.82	11.912	70.660	21.173	1.74	86.41
2.52	0.57	87.49	95.55	31.16	11.690	70.727	21.235	1.75	87.49
2.53	0.56	88.57	96.11	31.49	11.471	70.791	21.296	1.72	88.57
2.54	0.56	89.64	96.67	31.83	11.257	70.854	21.357	1.73	89.64
2.55	0.56	90.71	97.23	32.17	11.048	70.916	21.418	1.73	90.71
2.56	0.56	91.78	97.79	32.51	10.844	70.977	21.478	1.73	91.78
2.57	0.56	92.84	98.35	32.86	10.646	71.036	21.538	1.74	92.84
2.58	0.55	93.90	98.90	33.19	10.453	71.094	21.596	1.71	93.90
2.59	0.55	94.95	99.45	33.54	10.267	71.150	21.654	1.71	94.95
2.60	0.55	96.00	100.00	33.88	10.087	71.206	21.712	1.72	96.00

HEAD ASH %	33.88	CLEAN COAL ASH %	21.71	REFUSE ASH %	63.97
THEO. YIELD	77.70	CLEAN COAL YIELD%	71.21	REFUSE YIELD%	28.79
SG OF SEPARATION	2.084	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	5.623	IMPERFECTION	0.202		
ORGANIC EFFCY.	91.65				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 19 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 78.93 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.26	0.29	0.26	0.29	100.000	0.260	0.290	0.0	0.29
1.25	0.29	0.56	0.55	0.43	100.000	0.550	0.432	0.0	0.56
1.26	0.32	0.83	0.87	0.58	100.000	0.870	0.579	0.0	0.83
1.27	0.35	1.10	1.22	0.73	100.000	1.220	0.728	0.0	1.10
1.28	0.37	1.36	1.59	0.88	100.000	1.590	0.875	0.0	1.36
1.29	0.40	1.63	1.99	1.03	100.000	1.990	1.027	0.0	1.63
1.30	0.42	1.89	2.41	1.18	100.000	2.410	1.177	0.0	1.89
1.31	0.44	2.15	2.85	1.33	100.000	2.850	1.328	0.0	2.15
1.32	0.46	2.61	3.31	1.51	100.000	3.310	1.506	0.0	2.61
1.33	0.47	3.27	3.78	1.73	100.000	3.780	1.725	0.0	3.27
1.34	0.49	3.92	4.27	1.98	100.000	4.270	1.977	0.0	3.92
1.35	0.50	4.57	4.77	2.25	100.000	4.770	2.249	0.0	4.57
1.36	0.51	5.21	5.28	2.53	100.000	5.280	2.535	0.0	5.21
1.37	0.52	5.84	5.80	2.83	100.000	5.800	2.831	0.0	5.84
1.38	0.53	6.48	6.33	3.14	100.000	6.330	3.137	0.0	6.48
1.39	0.54	7.11	6.87	3.45	100.000	6.870	3.449	0.0	7.11
1.40	0.54	7.73	7.41	3.76	99.941	7.410	3.761	0.00	7.73
1.41	0.55	7.82	7.96	4.04	99.865	7.959	4.041	0.00	7.82
1.42	0.56	7.92	8.52	4.30	99.771	8.518	4.295	0.00	7.92
1.43	0.60	8.01	9.12	4.54	99.663	9.116	4.539	0.01	8.01
1.44	0.65	8.10	9.77	4.78	99.540	9.763	4.775	0.01	8.10
1.45	0.71	8.20	10.48	5.01	99.405	10.468	5.006	0.01	8.20
1.46	0.80	9.23	11.28	5.31	99.257	11.262	5.304	0.02	9.23
1.47	0.90	10.25	12.18	5.67	99.099	12.154	5.667	0.02	10.25
1.48	1.01	11.27	13.19	6.10	98.807	13.152	6.092	0.03	11.27
1.49	1.15	12.28	14.34	6.60	98.571	14.286	6.583	0.05	12.28
1.50	1.30	13.28	15.64	7.15	98.300	15.564	7.133	0.06	13.28
1.51	1.47	13.72	17.11	7.72	98.000	17.004	7.691	0.08	13.72
1.52	1.65	14.16	18.76	8.28	97.658	18.616	8.251	0.11	14.16
1.53	1.78	14.59	20.54	8.83	97.260	20.347	8.790	0.13	14.59
1.54	1.88	15.03	22.42	9.35	96.815	22.167	9.303	0.17	15.03
1.55	1.94	15.46	24.36	9.84	96.330	24.036	9.781	0.20	15.46
1.56	1.97	17.00	26.33	10.37	95.814	25.923	10.307	0.23	17.00
1.57	1.96	18.53	28.29	10.94	95.275	27.791	10.859	0.26	18.53
1.58	1.91	20.05	30.20	11.51	94.723	29.600	11.421	0.28	20.05
1.59	1.82	21.56	32.02	12.09	94.408	31.318	11.977	0.28	21.56
1.60	1.70	23.06	33.72	12.64	93.740	32.912	12.514	0.29	23.06
1.61	1.64	24.26	35.36	13.18	92.995	34.437	13.034	0.32	24.26
1.62	1.66	25.45	37.02	13.73	92.174	35.967	13.562	0.36	25.45
1.63	1.66	26.63	38.68	14.28	91.278	37.482	14.091	0.40	26.63
1.64	1.64	27.80	40.32	14.83	90.306	38.963	14.612	0.44	27.80
1.65	1.61	28.96	41.93	15.37	88.930	40.395	15.120	0.49	28.96
1.66	1.55	29.79	43.48	15.89	87.788	41.756	15.598	0.52	29.79
1.67	1.48	30.61	44.96	16.37	86.578	43.037	16.045	0.55	30.61
1.68	1.39	31.42	46.35	16.82	85.306	44.223	16.458	0.56	31.42
1.69	1.28	32.23	47.64	17.24	83.979	45.306	16.835	0.57	32.23
1.70	1.16	33.03	48.80	17.62	82.601	46.264	17.170	0.56	33.03
1.71	1.06	33.84	49.86	17.96	81.178	47.125	17.475	0.5	33.84
1.72	0.99	34.62	50.85	18.29	79.717	47.914	17.757	0.6	34.62

1.73	[illegible]93	35.39	51.78	18.59	78.222	48.641	18.021	[illegible]56	35.39
1.74	0.88	36.14	52.66	18.89	76.700	49.316	18.269	0.57	36.14
1.75	0.83	36.88	53.49	19.17	75.155	49.940	18.501	0.57	36.88
1.76	0.78	37.60	54.27	19.43	73.393	50.513	18.718	0.57	37.60
1.77	0.74	38.31	55.01	19.68	71.693	51.043	18.921	0.58	38.31
1.78	0.71	39.01	55.72	19.93	69.915	51.540	19.115	0.59	39.01
1.79	0.69	39.70	56.41	20.17	68.076	52.009	19.301	0.61	39.70
1.80	0.67	40.37	57.08	20.41	66.192	52.453	19.479	0.63	40.37
1.81	0.66	41.03	57.74	20.64	64.279	52.877	19.652	0.65	41.03
1.82	0.66	41.67	58.40	20.88	62.352	53.289	19.822	0.69	41.67
1.83	0.66	42.30	59.06	21.12	60.429	53.687	19.989	0.72	42.30
1.84	0.66	42.91	59.72	21.36	58.525	54.074	20.152	0.76	42.91
1.85	0.65	43.50	60.37	21.60	56.655	54.442	20.310	0.78	43.50
1.86	0.64	44.04	61.01	21.84	54.837	54.793	20.462	0.80	44.04
1.87	0.63	44.49	61.64	22.07	53.085	55.127	20.608	0.82	44.49
1.88	0.61	44.89	62.25	22.29	51.417	55.441	20.745	0.82	44.89
1.89	0.59	45.25	62.84	22.51	49.848	55.735	20.875	0.82	45.25
1.90	0.56	45.59	63.40	22.71	48.488	56.007	20.995	0.80	45.59
1.91	0.54	45.73	63.94	22.91	47.003	56.260	21.106	0.79	45.73
1.92	0.54	45.86	64.48	23.10	45.547	56.506	21.214	0.81	45.86
1.93	0.53	46.00	65.01	23.28	44.120	56.740	21.316	0.82	46.00
1.94	0.53	46.13	65.54	23.47	42.725	56.967	21.415	0.84	46.13
1.95	0.53	46.27	66.07	23.65	41.363	57.186	21.510	0.86	46.27
1.96	0.53	47.29	66.60	23.84	40.034	57.398	21.605	0.88	47.29
1.97	0.53	48.31	67.13	24.03	38.741	57.603	21.700	0.90	48.31
1.98	0.53	49.33	67.66	24.23	37.484	57.802	21.795	0.92	49.33
1.99	0.53	50.34	68.19	24.43	36.265	57.994	21.890	0.93	50.34
2.00	0.54	51.34	68.73	24.65	35.085	58.184	21.986	0.97	51.34
2.01	0.55	52.06	69.28	24.86	33.946	58.370	22.082	1.00	52.06
2.02	0.56	52.78	69.84	25.09	32.848	58.554	22.179	1.04	52.78
2.03	0.57	53.49	70.41	25.32	31.793	58.736	22.275	1.07	53.49
2.04	0.57	54.20	70.98	25.55	30.783	58.911	22.370	1.09	54.20
2.05	0.57	54.91	71.55	25.78	29.818	59.081	22.464	1.11	54.91
2.06	0.57	55.41	72.12	26.02	28.901	59.246	22.555	1.12	55.41
2.07	0.57	55.92	72.69	26.25	28.031	59.406	22.645	1.13	55.92
2.08	0.56	56.42	73.25	26.48	27.212	59.558	22.732	1.13	56.42
2.09	0.55	56.92	73.80	26.71	26.443	59.703	22.815	1.12	56.92
2.10	0.53	57.41	74.33	26.93	25.726	59.840	22.894	1.09	57.41
2.11	0.50	57.86	74.83	27.13	25.063	59.965	22.967	1.04	57.86
2.12	0.47	58.30	75.30	27.33	24.381	60.080	23.034	0.98	58.30
2.13	0.44	58.74	75.74	27.51	23.786	60.184	23.096	0.93	58.74
2.14	0.42	59.18	76.16	27.69	23.218	60.282	23.155	0.89	59.18
2.15	0.40	59.61	76.56	27.85	22.676	60.372	23.209	0.86	59.61
2.16	0.39	60.02	76.95	28.02	22.164	60.459	23.262	0.84	60.02
2.17	0.38	60.44	77.33	28.18	21.682	60.541	23.313	0.82	60.44
2.18	0.38	60.84	77.71	28.34	21.232	60.622	23.363	0.83	60.84
2.19	0.38	61.25	78.09	28.50	20.817	60.701	23.412	0.83	61.25
2.20	0.38	61.66	78.47	28.66	20.438	60.779	23.461	0.84	61.66
2.21	0.37	61.93	78.84	28.81	20.095	60.853	23.508	0.82	61.93
2.22	0.35	62.19	79.19	28.96	19.688	60.922	23.552	0.78	62.19
2.23	0.33	62.46	79.52	29.10	19.375	60.986	23.592	0.74	62.46
2.24	0.31	62.73	79.83	29.23	19.062	61.045	23.630	0.69	62.73
2.25	0.31	62.99	80.14	29.36	18.749	61.103	23.668	0.70	62.99
2.26	0.31	63.58	80.45	29.49	18.437	61.160	23.705	0.70	63.58
2.27	0.32	64.16	80.77	29.63	18.127	61.218	23.743	0.72	64.16
2.28	0.33	64.74	81.10	29.77	17.819	61.277	23.783	0.75	64.74
2.29	0.35	65.32	81.45	29.92	17.515	61.338	23.824	0.80	65.32
2.30	0.38	65.89	81.83	30.09	17.214	61.404	23.869	0.87	65.89
2.31	0.64	66.10	82.47	30.37	16.917	61.512	23.943	1.47	66.10
2.32	0.64	66.30	83.11	30.65	16.626	61.619	24.017	1.48	66.30
2.33	0.64	66.51	83.75	30.92	16.341	61.723	24.089	1.48	66.51
2.34	0.63	66.71	84.38	31.19	16.062	61.824	24.158	1.46	66.71

2.35	0.63	66.92	85.01	31.45	15.790	61.924	24.227	1.47	66.92
2.36	0.63	67.12	85.64	31.72	15.526	62.022	24.295	1.47	67.12
2.37	0.63	67.32	86.27	31.98	15.270	62.118	24.361	1.48	67.32
2.38	0.62	67.52	86.89	32.23	15.024	62.211	24.426	1.46	67.52
2.39	0.62	67.72	87.51	32.48	14.759	62.302	24.490	1.46	67.72
2.40	0.62	67.92	88.13	32.73	14.517	62.392	24.552	1.47	67.92
2.41	0.62	68.12	88.75	32.98	14.275	62.481	24.614	1.47	68.12
2.42	0.61	68.32	89.36	33.22	14.033	62.567	24.674	1.45	68.32
2.43	0.61	68.51	89.97	33.46	13.791	62.651	24.733	1.45	68.51
2.44	0.61	68.71	90.58	33.70	13.550	62.733	24.791	1.46	68.71
2.45	0.61	68.91	91.19	33.93	13.310	62.815	24.848	1.46	68.91
2.46	0.60	70.76	91.79	34.17	13.071	62.893	24.905	1.44	70.76
2.47	0.60	72.61	92.39	34.42	12.834	62.970	24.963	1.45	72.61
2.48	0.60	74.46	92.99	34.68	12.599	63.046	25.022	1.45	74.46
2.49	0.60	76.29	93.59	34.95	12.367	63.120	25.083	1.45	76.29
2.50	0.59	78.12	94.18	35.22	12.138	63.191	25.143	1.43	78.12
2.51	0.59	79.94	94.77	35.50	11.912	63.262	25.204	1.44	79.94
2.52	0.59	81.75	95.36	35.78	11.690	63.331	25.265	1.44	81.75
2.53	0.59	83.56	95.95	36.08	11.471	63.398	25.328	1.44	83.56
2.54	0.58	85.35	96.53	36.37	11.257	63.464	25.389	1.42	85.35
2.55	0.58	87.15	97.11	36.67	11.048	63.528	25.452	1.43	87.15
2.56	0.58	88.93	97.69	36.99	10.844	63.591	25.514	1.43	88.93
2.57	0.58	90.71	98.27	37.30	10.646	63.652	25.578	1.43	90.71
2.58	0.58	92.48	98.85	37.63	10.453	63.713	25.641	1.44	92.48
2.59	0.57	94.24	99.42	37.95	10.267	63.771	25.704	1.41	94.24
2.60	0.57	96.00	99.99	38.28	10.087	63.829	25.768	1.42	96.00

HEAD ASH %	38.28	CLEAN COAL ASH %	25.77	REFUSE ASH %	60.36
THEO. YIELD	71.51	CLEAN COAL YIELD%	63.83	REFUSE YIELD%	36.17
SG OF SEPARATION	2.049	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	10.499	IMPERFECTION	0.202		
ORGANIC EFFCY.	89.26				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 20 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 86.12 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL SINK WT%	CUM. ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.39	0.24	0.39	0.24	100.000	0.390	0.240	0.0	0.24
1.25	0.38	0.47	0.77	0.35	100.000	0.770	0.354	0.0	0.47
1.26	0.38	0.69	1.15	0.46	100.000	1.150	0.465	0.0	0.69
1.27	0.38	0.82	1.53	0.58	100.000	1.530	0.578	0.0	0.82
1.28	0.37	1.14	1.90	0.69	100.000	1.900	0.687	0.0	1.14
1.29	0.37	1.36	2.27	0.80	100.000	2.270	0.797	0.0	1.36
1.30	0.37	1.58	2.64	0.91	100.000	2.640	0.907	0.0	1.58
1.31	0.36	1.80	3.00	1.01	100.000	3.000	1.014	0.0	1.80
1.32	0.36	2.27	3.36	1.15	100.000	3.360	1.148	0.0	2.27
1.33	0.36	2.99	3.72	1.33	100.000	3.720	1.327	0.0	2.99
1.34	0.36	3.70	4.08	1.54	100.000	4.080	1.536	0.0	3.70
1.35	0.35	4.41	4.43	1.76	100.000	4.430	1.763	0.0	4.41
1.36	0.35	5.12	4.78	2.01	100.000	4.780	2.009	0.0	5.12
1.37	0.35	5.82	5.13	2.27	100.000	5.130	2.269	0.0	5.82
1.38	0.35	6.51	5.48	2.54	100.000	5.480	2.540	0.0	6.51
1.39	0.34	7.20	5.82	2.81	100.000	5.820	2.812	0.0	7.20
1.40	0.34	7.88	6.16	3.09	99.941	6.160	3.092	0.00	7.88
1.41	1.16	8.20	7.32	3.90	99.865	7.318	3.900	0.01	8.20
1.42	1.30	8.51	8.62	4.60	99.771	8.615	4.594	0.01	8.51
1.43	1.44	8.82	10.06	5.20	99.663	10.050	5.198	0.02	8.82
1.44	1.57	9.13	11.63	5.73	99.540	11.613	5.727	0.03	9.13
1.45	1.69	9.44	13.32	6.20	99.405	13.293	6.196	0.04	9.44
1.46	1.81	10.52	15.13	6.72	99.257	15.090	6.711	0.05	10.52
1.47	1.92	11.60	17.05	7.27	99.099	16.992	7.258	0.07	11.60
1.48	2.03	12.66	19.08	7.84	98.807	18.998	7.829	0.09	12.66
1.49	2.13	13.72	21.21	8.43	98.571	21.098	8.415	0.12	13.72
1.50	2.22	14.78	23.43	9.03	98.300	23.280	9.012	0.14	14.78
1.51	2.50	15.38	25.93	9.65	98.000	25.730	9.618	0.19	15.38
1.52	2.90	15.99	28.83	10.28	97.658	28.562	10.250	0.26	15.99
1.53	3.19	16.59	32.02	10.91	97.260	31.665	10.871	0.33	16.59
1.54	3.36	17.19	35.38	11.51	96.815	34.918	11.460	0.41	17.19
1.55	3.42	17.78	38.80	12.06	96.330	38.212	12.005	0.48	17.78
1.56	3.37	19.22	42.17	12.63	95.814	41.441	12.567	0.54	19.22
1.57	3.21	20.65	45.38	13.20	95.275	44.499	13.122	0.58	20.65
1.58	2.93	22.07	48.31	13.74	94.723	47.275	13.648	0.59	22.07
1.59	2.54	23.49	50.85	14.23	94.408	49.673	14.123	0.54	23.49
1.60	2.04	24.89	52.89	14.64	93.740	51.585	14.522	0.49	24.89
1.61	1.69	26.29	54.58	15.00	92.995	53.157	14.870	0.45	26.29
1.62	1.58	27.68	56.16	15.35	92.174	54.613	15.211	0.47	27.68
1.63	1.46	29.05	57.62	15.70	91.278	55.946	15.541	0.49	29.05
1.64	1.36	30.43	58.98	16.04	90.306	57.174	15.861	0.51	30.43
1.65	1.25	31.79	60.23	16.37	88.930	58.285	16.165	0.53	31.79
1.66	1.16	32.61	61.39	16.67	87.788	59.304	16.447	0.54	32.61
1.67	1.06	33.43	62.45	16.96	86.578	60.221	16.706	0.55	33.43
1.68	0.98	34.24	63.43	17.23	85.306	61.057	16.946	0.55	34.24
1.69	0.89	35.05	64.32	17.47	83.979	61.808	17.165	0.55	35.05
1.70	0.81	35.86	65.13	17.70	82.601	62.474	17.365	0.54	35.86
1.71	0.79	36.74	65.92	17.93	81.178	63.115	17.562	0.57	36.74
1.72	0.80	37.62	66.72	18.17	79.717	63.753	17.763	0.62	37.62

1.73	0.80	38.49	67.52	18.41	78.222	64.379	17.964	0.67	38.49
1.74	0.78	39.36	68.30	18.65	76.700	64.977	18.161	0.70	39.36
1.75	0.76	40.23	69.06	18.88	75.155	65.548	18.353	0.72	40.23
1.76	0.71	40.40	69.77	19.10	73.393	66.069	18.527	0.72	40.40
1.77	0.66	40.58	70.43	19.30	71.693	66.542	18.684	0.72	40.58
1.78	0.59	40.76	71.02	19.48	69.915	66.959	18.820	0.68	40.76
1.79	0.52	40.93	71.54	19.64	68.076	67.309	18.936	0.64	40.93
1.80	0.42	41.10	71.96	19.76	66.192	67.587	19.028	0.54	41.10
1.81	0.37	41.30	72.33	19.87	64.279	67.825	19.106	0.51	41.30
1.82	0.36	41.50	72.69	19.98	62.352	68.049	19.180	0.52	41.50
1.83	0.35	41.69	73.04	20.08	60.429	68.261	19.249	0.53	41.69
1.84	0.35	41.89	73.39	20.19	58.525	68.466	19.317	0.56	41.89
1.85	0.33	42.08	73.72	20.29	56.655	68.653	19.379	0.55	42.08
1.86	0.32	42.74	74.04	20.38	54.837	68.828	19.439	0.55	42.74
1.87	0.31	43.39	74.35	20.48	53.085	68.993	19.496	0.56	43.39
1.88	0.29	44.04	74.64	20.57	51.417	69.142	19.549	0.54	44.04
1.89	0.27	44.68	74.91	20.66	49.848	69.276	19.599	0.52	44.68
1.90	0.25	45.32	75.16	20.74	48.488	69.398	19.642	0.49	45.32
1.91	0.25	45.84	75.41	20.82	47.003	69.515	19.687	0.51	45.84
1.92	0.25	46.36	75.66	20.91	45.547	69.629	19.730	0.52	46.36
1.93	0.25	46.87	75.91	20.99	44.120	69.739	19.773	0.54	46.87
1.94	0.25	47.38	76.16	21.08	42.725	69.846	19.816	0.55	47.38
1.95	0.24	47.89	76.40	21.16	41.363	69.948	19.855	0.54	47.89
1.96	0.24	48.30	76.64	21.25	40.034	70.041	19.894	0.55	48.30
1.97	0.23	48.71	76.87	21.33	38.741	70.130	19.931	0.54	48.71
1.98	0.22	49.12	77.09	21.41	37.484	70.213	19.965	0.53	49.12
1.99	0.21	49.52	77.30	21.49	36.265	70.289	19.997	0.51	49.52
2.00	0.19	49.93	77.49	21.56	35.085	70.356	20.026	0.47	49.93
2.01	0.18	50.15	77.67	21.62	33.946	70.417	20.052	0.46	50.15
2.02	0.18	50.37	77.85	21.69	32.848	70.476	20.077	0.46	50.37
2.03	0.18	50.59	78.03	21.76	31.793	70.533	20.102	0.47	50.59
2.04	0.18	50.81	78.21	21.82	30.783	70.589	20.126	0.48	50.81
2.05	0.18	51.03	78.39	21.89	29.818	70.642	20.150	0.48	51.03
2.06	0.18	51.77	78.57	21.96	28.901	70.694	20.173	0.49	51.77
2.07	0.18	52.51	78.75	22.03	28.031	70.745	20.196	0.50	52.51
2.08	0.18	53.25	78.93	22.10	27.212	70.794	20.219	0.50	53.25
2.09	0.18	53.98	79.11	22.17	26.443	70.841	20.241	0.51	53.98
2.10	0.18	54.71	79.29	22.25	25.726	70.888	20.264	0.51	54.71
2.11	0.02	55.32	79.31	22.25	25.063	70.893	20.266	0.06	55.32
2.12	0.02	55.92	79.33	22.26	24.381	70.898	20.269	0.06	55.92
2.13	0.02	56.53	79.35	22.27	23.786	70.902	20.271	0.06	56.53
2.14	0.02	57.12	79.37	22.28	23.218	70.907	20.274	0.06	57.12
2.15	0.02	57.72	79.39	22.29	22.676	70.911	20.276	0.06	57.72
2.16	0.34	57.72	79.73	22.44	22.164	70.987	20.316	1.01	57.72
2.17	0.34	57.72	80.07	22.59	21.682	71.061	20.355	1.02	57.72
2.18	0.34	57.72	80.41	22.74	21.232	71.133	20.393	1.03	57.72
2.19	0.34	57.72	80.75	22.89	20.817	71.204	20.430	1.03	57.72
2.20	0.34	57.72	81.09	23.03	20.438	71.273	20.466	1.04	57.72
2.21	0.35	57.72	81.44	23.18	20.095	71.343	20.503	1.07	57.72
2.22	0.34	57.72	81.78	23.32	19.688	71.410	20.538	1.05	57.72
2.23	0.34	57.72	82.12	23.47	19.375	71.476	20.572	1.05	57.72
2.24	0.33	57.73	82.45	23.60	19.062	71.539	20.605	1.02	57.73
2.25	0.33	57.73	82.78	23.74	18.749	71.601	20.637	1.03	57.73
2.26	0.01	58.48	82.79	23.74	18.437	71.603	20.638	0.03	58.48
2.27	0.01	59.23	82.80	23.75	18.127	71.605	20.639	0.03	59.23
2.28	0.01	59.98	82.81	23.75	17.819	71.606	20.640	0.03	59.98
2.29	0.01	60.72	82.82	23.76	17.515	71.608	20.641	0.03	60.72
2.30	0.01	61.46	82.83	23.76	17.214	71.610	20.642	0.03	61.46
2.31	0.61	62.38	83.44	24.04	16.917	71.713	20.702	1.94	62.38
2.32	0.61	63.29	84.05	24.33	16.626	71.814	20.762	1.95	63.29
2.33	0	64.20	84.65	24.61	16.341	71.913	20.821		64.20
2.34	0	65.11	85.25	24.90	16.062	72.009	20.880		65.11

2.35	.60	66.01	85.85	25.18	15.790	72.104	20.940	.94	66.01
2.36	0.60	66.91	86.45	25.47	15.526	72.197	20.999	1.94	66.91
2.37	0.59	67.80	87.04	25.76	15.270	72.287	21.057	1.92	67.80
2.38	0.59	68.69	87.63	26.05	15.024	72.376	21.116	1.92	68.69
2.39	0.59	69.58	88.22	26.34	14.759	72.463	21.174	1.93	69.58
2.40	0.59	70.46	88.81	26.63	14.517	72.548	21.232	1.93	70.46
2.41	0.58	71.34	89.39	26.92	14.275	72.631	21.289	1.91	71.34
2.42	0.58	72.22	89.97	27.22	14.033	72.712	21.346	1.91	72.22
2.43	0.58	73.09	90.55	27.51	13.791	72.792	21.403	1.92	73.09
2.44	0.58	73.96	91.13	27.80	13.550	72.871	21.460	1.92	73.96
2.45	0.57	74.83	91.70	28.10	13.310	72.947	21.515	1.89	74.83
2.46	0.57	76.28	92.27	28.39	13.071	73.021	21.571	1.90	76.28
2.47	0.57	77.72	92.84	28.70	12.834	73.095	21.627	1.90	77.72
2.48	0.57	79.16	93.41	29.01	12.599	73.166	21.684	1.91	79.16
2.49	0.56	80.60	93.97	29.31	12.367	73.236	21.740	1.88	80.60
2.50	0.56	82.02	94.53	29.63	12.138	73.304	21.795	1.89	82.02
2.51	0.56	83.45	95.09	29.94	11.912	73.370	21.852	1.89	83.45
2.52	0.56	84.86	95.65	30.26	11.690	73.436	21.908	1.90	84.86
2.53	0.56	86.27	96.21	30.59	11.471	73.500	21.964	1.90	86.27
2.54	0.55	87.68	96.76	30.91	11.257	73.562	22.019	1.87	87.68
2.55	0.55	89.08	97.31	31.24	11.048	73.623	22.075	1.87	89.08
2.56	0.55	90.48	97.86	31.58	10.844	73.682	22.130	1.88	90.48
2.57	0.55	91.86	98.41	31.91	10.646	73.741	22.185	1.88	91.86
2.58	0.54	93.25	98.95	32.25	10.453	73.797	22.240	1.85	93.25
2.59	0.54	94.63	99.49	32.59	10.267	73.853	22.294	1.86	94.63
2.60	0.54	96.00	100.03	32.93	10.087	73.907	22.348	1.86	96.00

HEAD ASH %	32.93	CLEAN COAL ASH %	22.35	REFUSE ASH %	62.90
THEO. YIELD	79.62	CLEAN COAL YIELD%	73.91	REFUSE YIELD%	26.09
SG OF SEPARATION	2.154	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	4.323	IMPERFECTION	0.202		
ORGANIC EFFCY.	92.94				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 21 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 88.04 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.63	0.39	0.63	0.39	100.000	0.630	0.390	0.0	0.39
1.25	0.64	0.76	1.27	0.58	100.000	1.270	0.576	0.0	0.76
1.26	0.65	1.13	1.92	0.76	100.000	1.920	0.764	0.0	1.13
1.27	0.66	1.50	2.58	0.95	100.000	2.580	0.952	0.0	1.50
1.28	0.68	1.86	3.26	1.14	100.000	3.260	1.142	0.0	1.86
1.29	0.69	2.22	3.95	1.33	100.000	3.950	1.330	0.0	2.22
1.30	0.70	2.58	4.65	1.52	100.000	4.650	1.518	0.0	2.58
1.31	0.71	2.93	5.36	1.71	100.000	5.360	1.705	0.0	2.93
1.32	0.73	3.41	6.09	1.91	100.000	6.090	1.909	0.0	3.41
1.33	0.74	4.01	6.83	2.14	100.000	6.830	2.137	0.0	4.01
1.34	0.75	4.61	7.58	2.38	100.000	7.580	2.382	0.0	4.61
1.35	0.77	5.20	8.35	2.64	100.000	8.350	2.642	0.0	5.20
1.36	0.78	5.78	9.13	2.91	100.000	9.130	2.910	0.0	5.78
1.37	0.80	6.36	9.93	3.19	100.000	9.930	3.188	0.0	6.36
1.38	0.81	6.94	10.74	3.47	100.000	10.740	3.471	0.0	6.94
1.39	0.83	7.52	11.57	3.76	100.000	11.570	3.761	0.0	7.52
1.40	0.84	8.09	12.41	4.05	99.941	12.410	4.054	0.00	8.09
1.41	0.87	8.29	13.28	4.33	99.865	13.278	4.331	0.00	8.29
1.42	0.89	8.49	14.17	4.59	99.771	14.166	4.592	0.00	8.49
1.43	0.91	8.69	15.08	4.84	99.663	15.073	4.838	0.01	8.69
1.44	0.93	8.89	16.01	5.08	99.540	15.999	5.079	0.01	8.89
1.45	0.94	9.09	16.95	5.30	99.405	16.933	5.295	0.01	9.09
1.46	0.96	10.13	17.91	5.56	99.257	17.886	5.552	0.01	10.13
1.47	0.97	11.16	18.88	5.84	99.099	18.847	5.838	0.02	11.16
1.48	0.98	12.18	19.86	6.16	98.807	19.816	6.148	0.02	12.18
1.49	0.98	13.20	20.84	6.49	98.571	20.782	6.476	0.03	13.20
1.50	0.98	14.21	21.82	6.84	98.300	21.745	6.818	0.03	14.21
1.51	1.02	14.96	22.84	7.20	98.000	22.745	7.176	0.04	14.96
1.52	1.09	15.70	23.93	7.59	97.658	23.809	7.557	0.05	15.70
1.53	1.13	16.44	25.06	7.98	97.260	24.908	7.949	0.06	16.44
1.54	1.16	17.17	26.22	8.39	96.815	26.031	8.347	0.08	17.17
1.55	1.17	17.90	27.39	8.80	96.330	27.158	8.744	0.09	17.90
1.56	1.16	19.33	28.55	9.23	95.814	28.270	9.160	0.10	19.33
1.57	1.13	20.76	29.68	9.66	95.278	29.348	9.585	0.11	20.76
1.58	1.09	22.17	30.77	10.11	94.723	30.379	10.013	0.12	22.17
1.59	1.02	23.57	31.79	10.54	94.408	31.342	10.430	0.12	23.57
1.60	0.94	24.97	32.73	10.95	93.740	32.223	10.827	0.12	24.97
1.61	0.86	26.25	33.59	11.35	92.995	33.023	11.201	0.12	26.25
1.62	0.78	27.51	34.37	11.71	92.174	33.742	11.548	0.13	27.51
1.63	0.71	28.78	35.08	12.06	91.278	34.390	11.873	0.13	28.78
1.64	0.65	30.03	35.73	12.38	90.306	34.977	12.178	0.13	30.03
1.65	0.60	31.27	36.33	12.70	88.930	35.510	12.465	0.14	31.27
1.66	0.55	31.78	36.88	12.98	87.788	35.993	12.724	0.14	31.78
1.67	0.51	32.27	37.39	13.24	86.578	36.435	12.961	0.14	32.27
1.68	0.48	32.77	37.87	13.49	85.306	36.844	13.181	0.14	32.77
1.69	0.46	33.26	38.33	13.73	83.979	37.231	13.389	0.15	33.26
1.70	0.44	33.75	38.77	13.96	82.601	37.594	13.586	0.16	33.75
1.71	0.43	34.34	39.20	14.18	81.178	37.943	13.777		34.34
1.72	0.42	34.93	39.62	14.40	79.717	38.278	13.962		34.93

1.73	[illegible]41	35.52	40.03	14.62	78.222	38.599	14.141	[illegible]18	35.52
1.74	0.40	36.10	40.43	14.83	76.700	38.905	14.314	0.19	36.10
1.75	0.39	36.68	40.82	15.04	75.155	39.198	14.481	0.20	36.68
1.76	0.38	37.54	41.20	15.24	73.393	39.477	14.644	0.21	37.54
1.77	0.36	38.40	41.56	15.45	71.693	39.735	14.799	0.21	38.40
1.78	0.34	39.25	41.90	15.64	69.915	39.973	14.944	0.21	39.25
1.79	0.32	40.09	42.22	15.82	68.076	40.191	15.080	0.21	40.09
1.80	0.30	40.93	42.52	16.00	66.192	40.390	15.207	0.21	40.93
1.81	0.26	41.74	42.78	16.16	64.279	40.557	15.317	0.19	41.74
1.82	0.22	42.55	43.00	16.29	62.352	40.694	15.409	0.17	42.55
1.83	0.19	43.35	43.19	16.41	60.429	40.809	15.487	0.15	43.35
1.84	0.17	44.14	43.36	16.52	58.525	40.908	15.557	0.14	44.14
1.85	0.17	44.93	43.53	16.63	56.655	41.004	15.626	0.15	44.93
1.86	0.17	45.25	43.70	16.74	54.837	41.098	15.693	0.16	45.25
1.87	0.19	45.56	43.89	16.87	53.085	41.199	15.766	0.18	45.56
1.88	0.21	45.88	44.10	17.01	51.417	41.307	15.845	0.21	45.88
1.89	0.25	46.19	44.35	17.17	49.848	41.431	15.936	0.26	46.19
1.90	0.30	46.50	44.65	17.37	48.488	41.577	16.043	0.32	46.50
1.91	0.33	46.54	44.98	17.58	47.003	41.732	16.156	0.36	46.54
1.92	0.35	46.59	45.33	17.81	45.547	41.891	16.272	0.39	46.59
1.93	0.37	46.63	45.70	18.04	44.120	42.054	16.390	0.42	46.63
1.94	0.38	46.67	46.08	18.27	42.725	42.217	16.507	0.45	46.67
1.95	0.40	46.71	46.48	18.52	41.363	42.382	16.624	0.48	46.71
1.96	0.41	47.65	46.89	18.77	40.034	42.546	16.744	0.50	47.65
1.97	0.42	48.58	47.31	19.04	38.741	42.709	16.865	0.53	48.58
1.98	0.43	49.50	47.74	19.31	37.484	42.870	16.988	0.55	49.50
1.99	0.43	50.42	48.17	19.59	36.265	43.026	17.109	0.56	50.42
2.00	0.44	51.34	48.61	19.88	35.085	43.181	17.232	0.59	51.34
2.01	0.47	51.93	49.08	20.18	33.946	43.340	17.359	0.64	51.93
2.02	0.51	52.51	49.59	20.52	32.848	43.508	17.495	0.70	52.51
2.03	0.54	53.09	50.13	20.87	31.793	43.679	17.635	0.76	53.09
2.04	0.56	53.67	50.69	21.23	30.783	43.852	17.776	0.79	53.67
2.05	0.56	54.25	51.25	21.59	29.818	44.019	17.915	0.81	54.25
2.06	0.55	54.88	51.80	21.94	28.901	44.178	18.048	0.80	54.88
2.07	0.53	55.51	52.33	22.28	28.031	44.326	18.173	0.78	55.51
2.08	0.48	56.13	52.81	22.59	27.212	44.457	18.285	0.72	56.13
2.09	0.43	56.75	53.24	22.87	26.443	44.571	18.383	0.65	56.75
2.10	0.36	57.37	53.60	23.10	25.726	44.663	18.464	0.55	57.37
2.11	0.30	57.88	53.90	23.29	25.063	44.738	18.530	0.46	57.88
2.12	0.28	58.39	54.18	23.47	24.381	44.807	18.591	0.43	58.39
2.13	0.26	58.90	54.44	23.64	23.786	44.868	18.646	0.41	58.90
2.14	0.24	59.40	54.68	23.80	23.218	44.924	18.697	0.38	59.40
2.15	0.23	59.90	54.91	23.95	22.676	44.976	18.745	0.36	59.90
2.16	0.22	60.59	55.13	24.10	22.164	45.025	18.790	0.35	60.59
2.17	0.22	61.28	55.35	24.25	21.682	45.073	18.835	0.35	61.28
2.18	0.23	61.96	55.58	24.40	21.232	45.122	18.882	0.37	61.96
2.19	0.23	62.64	55.81	24.56	20.817	45.169	18.928	0.37	62.64
2.20	0.25	63.32	56.06	24.73	20.438	45.221	18.978	0.41	63.32
2.21	0.26	63.75	56.32	24.91	20.095	45.273	19.030	0.43	63.75
2.22	0.26	64.18	56.58	25.09	19.688	45.324	19.081	0.43	64.18
2.23	0.27	64.61	56.85	25.28	19.375	45.376	19.133	0.45	64.61
2.24	0.27	65.04	57.12	25.47	19.062	45.428	19.185	0.45	65.04
2.25	0.28	65.47	57.40	25.66	18.749	45.480	19.239	0.47	65.47
2.26	0.29	66.30	57.69	25.87	18.437	45.534	19.294	0.49	66.30
2.27	0.30	67.14	57.99	26.08	18.127	45.588	19.351	0.50	67.14
2.28	0.30	67.96	58.29	26.30	17.819	45.642	19.408	0.51	67.96
2.29	0.31	68.79	58.60	26.52	17.515	45.696	19.467	0.52	68.79
2.30	0.32	69.61	58.92	26.76	17.214	45.751	19.527	0.54	69.61
2.31	1.45	70.15	60.97	27.80	16.917	45.996	19.797	2.47	70.15
2.32	1.45	70.69	61.82	28.80	16.626	46.237	20.062	2.48	70.69
2.33	1.44	71.23	63.26	29.77	16.341	46.473	20.321	2.47	71.23
2.34	1.43	71.76	64.69	30.70	16.062	46.702	20.574	2.46	71.76

2.35	1.43	72.29	66.12	31.60	15.790	46.928	20.823	2.47	72.29
2.36	1.42	72.82	67.54	32.46	15.526	47.149	21.066	2.46	72.82
2.37	1.42	73.35	68.96	33.31	15.270	47.365	21.306	2.47	73.35
2.38	1.41	73.87	70.37	34.12	15.024	47.577	21.540	2.46	73.87
2.39	1.40	74.39	71.77	34.90	14.759	47.784	21.768	2.45	74.39
2.40	1.40	74.91	73.17	35.67	14.517	47.987	21.993	2.45	74.91
2.41	1.39	75.43	74.56	36.41	14.275	48.186	22.214	2.44	75.43
2.42	1.39	75.94	75.95	37.13	14.033	48.381	22.430	2.45	75.94
2.43	1.38	76.46	77.33	37.84	13.791	48.571	22.642	2.44	76.46
2.44	1.38	76.97	78.71	38.52	13.550	48.758	22.850	2.45	76.97
2.45	1.37	77.48	80.08	39.19	13.310	48.940	23.054	2.44	77.48
2.46	1.36	78.75	81.44	39.85	13.071	49.118	23.255	2.42	78.75
2.47	1.36	80.01	82.80	40.51	12.834	49.293	23.456	2.43	80.01
2.48	1.35	81.27	84.15	41.16	12.599	49.463	23.655	2.42	81.27
2.49	1.35	82.53	85.50	41.82	12.367	49.630	23.853	2.43	82.53
2.50	1.34	83.78	86.84	42.46	12.138	49.792	24.049	2.41	83.78
2.51	1.34	85.02	88.18	43.11	11.912	49.952	24.244	2.42	85.02
2.52	1.33	86.26	89.51	43.75	11.690	50.107	24.436	2.41	86.26
2.53	1.33	87.49	90.84	44.39	11.471	50.260	24.628	2.41	87.49
2.54	1.32	88.72	92.16	45.03	11.257	50.409	24.817	2.40	88.72
2.55	1.32	89.95	93.48	45.66	11.048	50.554	25.005	2.41	89.95
2.56	1.31	91.17	94.79	46.29	10.844	50.696	25.190	2.40	91.17
2.57	1.31	92.38	96.10	46.92	10.646	50.836	25.374	2.40	92.38
2.58	1.30	93.59	97.40	47.54	10.453	50.972	25.556	2.39	93.59
2.59	1.30	94.80	98.70	48.16	10.267	51.105	25.737	2.39	94.80
2.60	1.29	96.00	99.99	48.78	10.087	51.235	25.915	2.38	96.00

HEAD ASH %	48.78	CLEAN COAL ASH %	25.92	REFUSE ASH %	72.81
THEO. YIELD	97.76	CLEAN COAL YIELD%	51.24	REFUSE YIELD%	48.76
SG OF SEPARATION	2.262	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	12.675	IMPERFECTION	0.202		
ORGANIC EFFCY.	88.71				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 22 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 79.34 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL SINK WT%	CUM. ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.46	0.31	0.46	0.31	100.000	0.460	0.310	0.0	0.31
1.25	0.45	0.61	0.91	0.46	100.000	0.910	0.458	0.0	0.61
1.26	0.45	0.91	1.36	0.61	100.000	1.360	0.608	0.0	0.91
1.27	0.45	1.21	1.81	0.76	100.000	1.810	0.758	0.0	1.21
1.28	0.44	1.50	2.25	0.90	100.000	2.250	0.903	0.0	1.50
1.29	0.44	1.80	2.69	1.05	100.000	2.690	1.049	0.0	1.80
1.30	0.44	2.09	3.13	1.20	100.000	3.130	1.196	0.0	2.09
1.31	0.43	2.37	3.56	1.34	100.000	3.560	1.338	0.0	2.37
1.32	0.43	2.78	3.99	1.49	100.000	3.990	1.493	0.0	2.78
1.33	0.43	3.29	4.42	1.67	100.000	4.420	1.668	0.0	3.29
1.34	0.42	3.80	4.84	1.85	100.000	4.840	1.853	0.0	3.80
1.35	0.42	4.31	5.26	2.05	100.000	5.260	2.049	0.0	4.31
1.36	0.42	4.82	5.68	2.25	100.000	5.680	2.254	0.0	4.82
1.37	0.41	5.32	6.09	2.46	100.000	6.090	2.460	0.0	5.32
1.38	0.41	5.81	6.50	2.67	100.000	6.500	2.672	0.0	5.81
1.39	0.41	6.31	6.91	2.89	100.000	6.910	2.888	0.0	6.31
1.40	0.40	6.80	7.31	3.10	99.941	7.310	3.102	0.00	6.80
1.41	1.85	7.13	9.16	3.92	99.865	9.157	3.914	0.01	7.13
1.42	1.89	7.45	11.05	4.52	99.771	11.043	4.518	0.01	7.45
1.43	1.92	7.78	12.97	5.00	99.663	12.956	5.000	0.02	7.78
1.44	1.94	8.10	14.91	5.41	99.540	14.868	5.402	0.03	8.10
1.45	1.95	8.42	16.86	5.75	99.405	16.826	5.750	0.03	8.42
1.46	1.96	8.47	18.82	6.14	99.257	18.771	6.135	0.04	8.47
1.47	1.95	10.51	20.77	6.55	99.099	20.704	6.544	0.05	10.51
1.48	1.94	11.54	22.71	6.98	98.807	22.621	6.967	0.07	11.54
1.49	1.91	12.56	24.62	7.41	98.571	24.503	7.397	0.08	12.56
1.50	1.88	13.58	26.50	7.85	98.300	26.351	7.830	0.09	13.58
1.51	1.87	14.32	28.37	8.27	98.000	28.184	8.252	0.11	14.32
1.52	1.88	15.05	30.25	8.70	97.658	30.020	8.668	0.13	15.05
1.53	1.88	15.77	32.13	9.11	97.260	31.848	9.076	0.15	15.77
1.54	1.87	16.49	34.00	9.52	96.815	33.659	9.475	0.18	16.49
1.55	1.86	17.21	35.86	9.91	96.330	35.451	9.866	0.20	17.21
1.56	1.84	18.54	37.70	10.34	95.814	37.214	10.276	0.23	18.54
1.57	1.81	19.86	39.51	10.77	95.275	38.938	10.700	0.25	19.86
1.58	1.78	21.16	41.29	11.22	94.723	40.624	11.135	0.28	21.16
1.59	1.73	22.46	43.02	11.67	94.408	42.257	11.572	0.29	22.46
1.60	1.68	23.76	44.70	12.13	93.740	43.832	12.010	0.31	23.76
1.61	1.55	25.08	46.25	12.56	92.995	45.274	12.426	0.32	25.08
1.62	1.37	26.40	47.62	12.96	92.174	46.536	12.806	0.32	26.40
1.63	1.20	27.70	48.82	13.32	91.278	47.632	13.148	0.31	27.70
1.64	1.05	29.00	49.87	13.65	90.306	48.580	13.457	0.30	29.00
1.65	0.92	30.29	50.79	13.95	88.930	49.398	13.736	0.30	30.29
1.66	0.80	30.77	51.59	14.21	87.788	50.100	13.975	0.29	30.77
1.67	0.71	31.25	52.30	14.44	86.578	50.715	14.184	0.28	31.25
1.68	0.63	31.72	52.93	14.65	85.306	51.253	14.368	0.27	31.72
1.69	0.58	32.19	53.51	14.84	83.979	51.740	14.536	0.28	32.19
1.70	0.54	32.66	54.05	15.02	82.601	52.186	14.691	0.28	32.66
1.71	0.52	33.23	54.57	15.19	81.178	52.608	14.840	0.29	33.23
1.72	0.52	33.79	55.09	15.37	79.717	53.022	14.988	0.31	33.79

1.73	0.52	34.35	55.61	15.54	78.222	53.429	15.135	0.34	34.35
1.74	0.52	34.91	56.13	15.72	76.700	53.828	15.282	0.36	34.91
1.75	0.52	35.47	56.65	15.91	75.155	54.219	15.427	0.38	35.47
1.76	0.52	36.22	57.17	16.09	73.393	54.600	15.573	0.41	36.22
1.77	0.52	36.97	57.69	16.28	71.693	54.973	15.718	0.44	36.97
1.78	0.51	37.72	58.20	16.47	69.915	55.330	15.860	0.45	37.72
1.79	0.51	38.46	58.71	16.66	68.076	55.677	16.000	0.48	38.46
1.80	0.51	39.20	59.22	16.85	66.192	56.015	16.140	0.51	39.20
1.81	0.51	39.80	59.73	17.05	64.279	56.342	16.278	0.54	39.80
1.82	0.51	40.41	60.24	17.24	62.352	56.660	16.413	0.57	40.41
1.83	0.51	41.01	60.75	17.44	60.429	56.969	16.546	0.60	41.01
1.84	0.51	41.60	61.26	17.65	58.525	57.267	16.677	0.63	41.60
1.85	0.51	42.19	61.77	17.85	56.655	57.556	16.805	0.66	42.19
1.86	0.51	42.48	62.28	18.05	54.837	57.836	16.929	0.68	42.48
1.87	0.51	42.77	62.79	18.25	53.085	58.106	17.050	0.71	42.77
1.88	0.51	43.05	63.30	18.45	51.417	58.369	17.166	0.73	43.05
1.89	0.51	43.33	63.81	18.65	49.848	58.623	17.280	0.76	43.33
1.90	0.51	43.61	64.32	18.85	48.488	58.870	17.391	0.78	43.61
1.91	0.51	43.72	64.83	19.04	47.003	59.110	17.497	0.80	43.72
1.92	0.53	43.82	65.36	19.24	45.547	59.351	17.604	0.86	43.82
1.93	0.53	43.92	65.89	19.44	44.120	59.585	17.708	0.88	43.92
1.94	0.54	44.03	66.43	19.64	42.725	59.816	17.809	0.92	44.03
1.95	0.54	44.13	66.97	19.84	41.363	60.039	17.907	0.94	44.13
1.96	0.53	44.89	67.50	20.04	40.034	60.251	18.002	0.94	44.89
1.97	0.53	45.64	68.03	20.24	38.741	60.457	18.096	0.96	45.64
1.98	0.52	46.39	68.55	20.43	37.484	60.652	18.187	0.96	46.39
1.99	0.50	47.13	69.05	20.63	36.265	60.833	18.273	0.94	47.13
2.00	0.48	47.88	69.53	20.82	35.085	61.001	18.355	0.92	47.88
2.01	0.46	48.47	69.99	21.00	33.946	61.157	18.432	0.90	48.47
2.02	0.43	49.06	70.42	21.17	32.848	61.299	18.502	0.86	49.06
2.03	0.41	49.64	70.83	21.33	31.793	61.429	18.568	0.83	49.64
2.04	0.39	50.20	71.22	21.49	30.783	61.549	18.630	0.80	50.20
2.05	0.37	50.73	71.59	21.64	29.818	61.659	18.688	0.77	50.73
2.06	0.36	51.22	71.95	21.79	28.901	61.763	18.742	0.76	51.22
2.07	0.36	51.66	72.31	21.94	28.031	61.864	18.796	0.77	51.66
2.08	0.35	52.07	72.66	22.08	27.212	61.960	18.847	0.76	52.07
2.09	0.36	52.45	73.02	22.23	26.443	62.055	18.899	0.79	52.45
2.10	0.36	52.83	73.38	22.38	25.726	62.147	18.949	0.79	52.83
2.11	0.37	52.96	73.75	22.54	25.063	62.240	19.000	0.82	52.96
2.12	0.36	53.08	74.11	22.69	24.381	62.328	19.048	0.81	53.08
2.13	0.36	53.20	74.47	22.83	23.786	62.414	19.095	0.81	53.20
2.14	0.36	53.33	74.83	22.98	23.218	62.497	19.141	0.82	53.33
2.15	0.36	53.45	75.19	23.13	22.676	62.579	19.185	0.83	53.45
2.16	0.36	54.58	75.55	23.28	22.164	62.659	19.231	0.83	54.58
2.17	0.36	55.71	75.91	23.43	21.682	62.737	19.276	0.84	55.71
2.18	0.35	56.83	76.26	23.58	21.232	62.811	19.320	0.82	56.83
2.19	0.35	57.95	76.61	23.74	20.817	62.884	19.365	0.82	57.95
2.20	0.35	59.06	76.96	23.90	20.438	62.955	19.410	0.83	59.06
2.21	0.33	60.05	77.29	24.06	20.095	63.022	19.453	0.78	60.05
2.22	0.30	61.03	77.59	24.20	19.688	63.081	19.492	0.71	61.03
2.23	0.28	62.00	77.87	24.33	19.375	63.135	19.528	0.67	62.00
2.24	0.26	62.97	78.13	24.46	19.062	63.185	19.563	0.62	62.97
2.25	0.25	63.94	78.38	24.59	18.749	63.231	19.595	0.60	63.94
2.26	0.25	64.44	78.63	24.72	18.437	63.277	19.628	0.60	64.44
2.27	0.26	64.95	78.89	24.85	18.127	63.325	19.662	0.63	64.95
2.28	0.28	65.45	79.17	24.99	17.819	63.375	19.698	0.68	65.45
2.29	0.30	65.95	79.47	25.15	17.515	63.427	19.736	0.73	65.95
2.30	0.33	66.44	79.80	25.32	17.214	63.484	19.778	0.81	66.44
2.31	0.87	66.44	80.67	25.76	16.917	63.631	19.886	2.14	66.44
2.32	0.87	66.44	81.54	26.19	16.626	63.776	19.992	2.15	66.44
2.33	0.86	66.44	82.40	26.61	16.341	63.916	20.094	2.13	66.44
2.34	0.86	66.44	83.26	27.03	16.062	64.054	20.194	2.14	66.44

2.35	0.86	66.45	84.12	27.43	15.790	64.190	20.291	2.15	66.45
2.36	0.85	66.45	84.97	27.82	15.526	64.322	20.386	2.13	66.45
2.37	0.85	66.45	85.82	28.20	15.270	64.452	20.479	2.14	66.45
2.38	0.84	66.45	86.66	28.57	15.024	64.578	20.569	2.12	66.45
2.39	0.84	66.45	87.50	28.94	14.759	64.702	20.657	2.12	66.45
2.40	0.84	66.45	88.34	29.29	14.517	64.824	20.743	2.13	66.45
2.41	0.83	66.45	89.17	29.64	14.275	64.943	20.826	2.11	66.45
2.42	0.83	66.45	90.00	29.98	14.033	65.059	20.908	2.12	66.45
2.43	0.83	66.45	90.83	30.31	13.791	65.173	20.988	2.12	66.45
2.44	0.82	66.45	91.65	30.63	13.550	65.285	21.065	2.10	66.45
2.45	0.82	66.45	92.47	30.95	13.310	65.394	21.141	2.11	66.45
2.46	0.52	68.48	92.99	31.16	13.071	65.462	21.190	1.34	68.48
2.47	0.52	70.49	93.51	31.38	12.834	65.528	21.240	1.34	70.49
2.48	0.52	72.50	94.03	31.61	12.599	65.594	21.292	1.35	72.50
2.49	0.51	74.50	94.54	31.84	12.367	65.657	21.343	1.32	74.50
2.50	0.51	76.50	95.05	32.08	12.138	65.719	21.395	1.33	76.50
2.51	0.51	78.48	95.56	32.33	11.912	65.780	21.447	1.33	78.48
2.52	0.51	80.46	96.07	32.58	11.690	65.839	21.501	1.34	80.46
2.53	0.51	82.43	96.58	32.85	11.471	65.898	21.555	1.34	82.43
2.54	0.50	84.39	97.08	33.11	11.257	65.954	21.609	1.32	84.39
2.55	0.50	86.34	97.58	33.38	11.048	66.009	21.663	1.32	86.34
2.56	0.50	88.29	98.08	33.66	10.844	66.064	21.717	1.32	88.29
2.57	0.50	90.23	98.58	33.95	10.646	66.117	21.773	1.32	90.23
2.58	0.50	92.16	99.08	34.24	10.453	66.169	21.828	1.33	92.16
2.59	0.49	94.08	99.57	34.54	10.267	66.219	21.883	1.30	94.08
2.60	0.49	96.00	100.06	34.84	10.087	66.269	21.938	1.31	96.00

HEAD ASH %	34.84	CLEAN COAL ASH %	21.94	REFUSE ASH %	60.19
THEO. YIELD	72.31	CLEAN COAL YIELD%	66.27	REFUSE YIELD%	33.73
SG OF SEPARATION	2.070	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	7.881	IMPERFECTION	0.202		
ORGANIC EFFCY.	91.65				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 23 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 76.78 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.55	0.58	0.55	0.58	100.000	0.550	0.580	0.0	0.58
1.25	0.54	1.14	1.09	0.86	100.000	1.090	0.857	0.0	1.14
1.26	0.54	1.68	1.63	1.13	100.000	1.630	1.130	0.0	1.68
1.27	0.53	2.21	2.16	1.39	100.000	2.160	1.395	0.0	2.21
1.28	0.53	2.74	2.69	1.66	100.000	2.690	1.660	0.0	2.74
1.29	0.52	3.25	3.21	1.92	100.000	3.210	1.918	0.0	3.25
1.30	0.52	3.77	3.73	2.18	100.000	3.730	2.176	0.0	3.77
1.31	0.52	4.28	4.25	2.43	100.000	4.250	2.433	0.0	4.28
1.32	0.51	4.78	4.76	2.68	100.000	4.760	2.685	0.0	4.78
1.33	0.51	5.26	5.27	2.93	100.000	5.270	2.934	0.0	5.26
1.34	0.51	5.72	5.78	3.18	100.000	5.780	3.180	0.0	5.72
1.35	0.50	6.16	6.28	3.42	100.000	6.280	3.417	0.0	6.16
1.36	0.50	6.59	6.78	3.65	100.000	6.780	3.651	0.0	6.59
1.37	0.49	7.01	7.27	3.88	100.000	7.270	3.877	0.0	7.01
1.38	0.49	7.42	7.76	4.10	100.000	7.760	4.101	0.0	7.42
1.39	0.49	7.82	8.25	4.32	100.000	8.250	4.322	0.0	7.82
1.40	0.48	8.23	8.73	4.54	99.941	8.730	4.537	0.00	8.23
1.41	1.48	8.43	10.21	5.10	99.865	10.208	5.100	0.01	8.43
1.42	1.58	8.63	11.79	5.57	99.771	11.784	5.573	0.01	8.63
1.43	1.66	8.82	13.45	5.97	99.663	13.439	5.972	0.02	8.82
1.44	1.73	9.02	15.18	6.32	99.540	15.161	6.319	0.02	9.02
1.45	1.79	9.21	16.97	6.63	99.405	16.940	6.622	0.03	9.21
1.46	1.85	10.09	18.82	6.97	99.257	18.776	6.961	0.04	10.09
1.47	1.90	10.96	20.72	7.33	99.099	20.659	7.326	0.05	10.96
1.48	1.93	11.83	22.65	7.72	98.807	22.566	7.706	0.07	11.83
1.49	1.96	12.70	24.61	8.11	98.571	24.498	8.100	0.08	12.70
1.50	1.98	13.55	26.59	8.52	98.300	26.444	8.501	0.10	13.55
1.51	2.19	14.26	28.78	8.95	98.000	28.591	8.934	0.13	14.26
1.52	2.53	14.97	31.31	9.44	97.658	31.061	9.414	0.17	14.97
1.53	2.74	15.67	34.05	9.94	97.260	33.726	9.908	0.21	15.67
1.54	2.83	16.37	36.88	10.44	96.815	36.466	10.394	0.26	16.37
1.55	2.81	17.06	39.69	10.90	96.330	39.173	10.854	0.30	17.06
1.56	2.67	18.33	42.36	11.37	95.814	41.731	11.313	0.32	18.33
1.57	2.41	19.59	44.77	11.81	95.275	44.027	11.744	0.33	19.59
1.58	2.04	20.85	46.81	12.21	94.723	45.960	12.127	0.31	20.85
1.59	1.55	22.09	48.36	12.53	94.408	47.423	12.435	0.25	22.09
1.60	0.93	23.33	49.29	12.73	93.740	48.295	12.631	0.17	23.33
1.61	0.58	24.48	49.87	12.87	92.995	48.834	12.762	0.12	24.48
1.62	0.55	25.62	50.42	13.00	92.174	49.341	12.894	0.12	25.62
1.63	0.53	26.76	50.95	13.15	91.278	49.825	13.029	0.13	26.76
1.64	0.51	27.89	51.46	13.29	90.306	50.285	13.165	0.14	27.89
1.65	0.50	29.01	51.96	13.45	88.930	50.730	13.304	0.16	29.01
1.66	0.49	29.78	52.45	13.60	87.788	51.160	13.442	0.17	29.78
1.67	0.48	30.55	52.93	13.75	86.578	51.576	13.580	0.18	30.55
1.68	0.48	31.31	53.41	13.91	85.306	51.985	13.720	0.20	31.31
1.69	0.48	32.07	53.89	14.07	83.979	52.388	13.861	0.22	32.07
1.70	0.48	32.82	54.37	14.24	82.601	52.785	14.003	0.24	32.82
1.71	0	33.47	54.87	14.41	81.178	53.191	14.152	0	33.47
1.72	1	34.12	55.38	14.59	79.717	53.597	14.304		34.12

1.73	.52	34.77	55.90	14.78	78.222	54.004	14.458	.32	34.77
1.74	0.52	35.41	56.42	14.97	76.700	54.403	14.611	0.35	35.41
1.75	0.52	36.05	56.94	15.16	75.155	54.794	14.764	0.37	36.05
1.76	0.50	36.67	57.44	15.35	73.393	55.161	14.910	0.38	36.67
1.77	0.48	37.29	57.93	15.54	71.693	55.512	15.052	0.40	37.29
1.78	0.46	37.90	58.39	15.71	69.915	55.834	15.183	0.40	37.90
1.79	0.43	38.51	58.82	15.88	68.076	56.126	15.305	0.39	38.51
1.80	0.39	39.11	59.21	16.03	66.192	56.384	15.414	0.38	39.11
1.81	0.35	39.60	59.56	16.17	64.279	56.609	15.510	0.36	39.60
1.82	0.33	40.08	59.89	16.30	62.352	56.815	15.599	0.36	40.08
1.83	0.32	40.56	60.21	16.43	60.429	57.009	15.684	0.36	40.56
1.84	0.30	41.03	60.51	16.55	58.525	57.184	15.761	0.36	41.03
1.85	0.29	41.50	60.80	16.67	56.655	57.348	15.835	0.36	41.50
1.86	0.29	42.27	61.09	16.79	54.837	57.507	15.908	0.37	42.27
1.87	0.28	43.04	61.37	16.91	53.085	57.656	15.978	0.38	43.04
1.88	0.28	43.81	61.65	17.04	51.417	57.800	16.047	0.39	43.81
1.89	0.28	44.57	61.93	17.16	49.848	57.940	16.116	0.40	44.57
1.90	0.29	45.32	62.22	17.29	48.468	58.080	16.187	0.43	45.32
1.91	0.29	46.03	62.51	17.42	47.003	58.217	16.257	0.44	46.03
1.92	0.29	46.73	62.80	17.56	45.547	58.349	16.326	0.45	46.73
1.93	0.29	47.43	63.09	17.70	44.120	58.477	16.394	0.46	47.43
1.94	0.29	48.12	63.38	17.84	42.725	58.600	16.461	0.48	48.12
1.95	0.29	48.82	63.67	17.98	41.363	58.720	16.527	0.49	48.82
1.96	0.29	49.13	63.96	18.12	40.034	58.837	16.591	0.50	49.13
1.97	0.29	49.45	64.25	18.26	38.741	58.949	16.654	0.51	49.45
1.98	0.29	49.77	64.54	18.40	37.484	59.058	16.715	0.52	49.77
1.99	0.29	50.08	64.83	18.54	36.265	59.163	16.774	0.53	50.08
2.00	0.28	50.39	65.11	18.68	35.085	59.261	16.830	0.52	50.39
2.01	0.27	50.41	65.38	18.81	33.946	59.353	16.882	0.51	50.41
2.02	0.26	50.44	65.64	18.94	32.848	59.438	16.930	0.50	50.44
2.03	0.24	50.46	65.88	19.05	31.793	59.514	16.973	0.47	50.46
2.04	0.23	50.48	66.11	19.16	30.783	59.585	17.013	0.46	50.48
2.05	0.23	50.50	66.34	19.27	29.818	59.654	17.051	0.46	50.50
2.06	0.23	51.54	66.57	19.38	28.901	59.720	17.090	0.47	51.54
2.07	0.23	52.57	66.80	19.50	28.031	59.785	17.128	0.47	52.57
2.08	0.24	53.60	67.04	19.62	27.212	59.850	17.168	0.50	53.60
2.09	0.25	54.63	67.29	19.75	26.443	59.916	17.209	0.53	54.63
2.10	0.26	55.64	67.55	19.89	25.726	59.983	17.252	0.55	55.64
2.11	0.29	56.34	67.84	20.04	25.063	60.056	17.299	0.62	56.34
2.12	0.32	57.04	68.16	20.22	24.381	60.134	17.351	0.69	57.04
2.13	0.35	57.74	68.51	20.41	23.786	60.217	17.407	0.76	57.74
2.14	0.36	58.43	68.87	20.61	23.218	60.301	17.464	0.79	58.43
2.15	0.38	59.11	69.25	20.82	22.676	60.387	17.523	0.84	59.11
2.16	0.38	59.64	69.63	21.03	22.164	60.471	17.582	0.85	59.64
2.17	0.38	60.17	70.01	21.24	21.682	60.553	17.640	0.85	60.17
2.18	0.38	60.69	70.39	21.45	21.232	60.634	17.697	0.86	60.69
2.19	0.37	61.21	70.76	21.66	20.817	60.711	17.752	0.84	61.21
2.20	0.35	61.73	71.11	21.86	20.438	60.783	17.804	0.80	61.73
2.21	0.30	62.15	71.41	22.03	20.095	60.843	17.848	0.69	62.15
2.22	0.25	62.56	71.66	22.17	19.688	60.892	17.884	0.57	62.56
2.23	0.21	62.98	71.87	22.29	19.375	60.933	17.914	0.48	62.98
2.24	0.18	63.39	72.05	22.39	19.062	60.967	17.940	0.42	63.39
2.25	0.17	63.81	72.22	22.48	18.749	60.999	17.964	0.40	63.81
2.26	0.17	64.09	72.39	22.59	18.437	61.030	17.987	0.40	64.09
2.27	0.18	64.37	72.57	22.69	18.127	61.063	18.012	0.42	64.37
2.28	0.21	64.65	72.78	22.81	17.819	61.100	18.041	0.49	64.65
2.29	0.25	64.92	73.03	22.96	17.515	61.144	18.074	0.59	64.92
2.30	0.30	65.20	73.33	23.13	17.214	61.196	18.114	0.71	65.20
2.31	1.55	65.20	74.88	24.00	16.917	61.458	18.315	3.69	65.20
2.32	1.54	65.21	76.42	24.83	16.626	61.714	18.509	3.68	65.21
2.33	1.53	65.21	77.95	25.62	16.341	61.964	18.698	3.66	65.21
2.34	1.53	65.21	79.48	26.39	16.062	62.210	18.882	3.68	65.21

2.35	1.52	65.22	81.00	27.11	15.790	62.450	19.060	3.66	65.22
2.36	1.51	65.22	82.51	27.81	15.526	62.684	19.232	3.65	65.22
2.37	1.51	65.22	84.02	28.48	15.270	62.915	19.401	3.66	65.22
2.38	1.50	65.23	85.52	29.13	15.024	63.140	19.564	3.65	65.23
2.39	1.49	65.23	87.01	29.75	14.759	63.360	19.723	3.64	65.23
2.40	1.49	65.23	88.50	30.34	14.517	63.576	19.878	3.65	65.23
2.41	1.48	65.23	89.98	30.92	14.275	63.788	20.028	3.63	65.23
2.42	1.48	65.24	91.46	31.47	14.033	63.995	20.175	3.64	65.24
2.43	1.47	65.24	92.93	32.01	13.791	64.198	20.317	3.63	65.24
2.44	1.46	65.24	94.39	32.52	13.550	64.396	20.455	3.61	65.24
2.45	1.46	65.25	95.85	33.02	13.310	64.590	20.590	3.62	65.25
2.46	0.29	67.36	96.14	33.12	13.071	64.628	20.617	0.72	67.36
2.47	0.29	69.46	96.43	33.23	12.834	64.665	20.645	0.72	69.46
2.48	0.28	71.55	96.71	33.34	12.599	64.701	20.673	0.70	71.55
2.49	0.28	73.63	96.99	33.46	12.367	64.735	20.701	0.70	73.63
2.50	0.28	75.70	97.27	33.58	12.138	64.769	20.730	0.70	75.70
2.51	0.28	77.77	97.55	33.71	11.912	64.803	20.760	0.71	77.77
2.52	0.28	79.83	97.83	33.84	11.690	64.835	20.790	0.71	79.83
2.53	0.28	81.88	98.11	33.98	11.471	64.867	20.820	0.71	81.88
2.54	0.28	83.92	98.39	34.12	11.257	64.899	20.850	0.71	83.92
2.55	0.28	85.95	98.67	34.27	11.048	64.930	20.881	0.71	85.95
2.56	0.28	87.98	98.95	34.42	10.844	64.960	20.913	0.71	87.98
2.57	0.27	89.99	99.22	34.57	10.646	64.989	20.943	0.69	89.99
2.58	0.27	92.00	99.49	34.73	10.453	65.017	20.974	0.69	92.00
2.59	0.27	94.01	99.76	34.89	10.267	65.045	21.005	0.69	94.01
2.60	0.27	96.00	100.03	35.05	10.087	65.072	21.037	0.70	96.00

HEAD ASH %	35.05	CLEAN COAL ASH %	21.04	REFUSE ASH %	61.16
THEO. YIELD	69.64	CLEAN COAL YIELD%	65.07	REFUSE YIELD%	34.93
SG OF SEPARATION	2.160	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	5.818	IMPERFECTION	0.202		
ORGANIC EFFCY.	93.44				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 24 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.16 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	1.02	0.21	1.02	0.21	100.000	1.020	0.210	0.0	0.21
1.25	1.03	0.41	2.05	0.31	100.000	2.050	0.310	0.0	0.41
1.26	1.05	0.61	3.10	0.41	100.000	3.100	0.412	0.0	0.61
1.27	1.07	0.81	4.17	0.51	100.000	4.170	0.514	0.0	0.81
1.28	1.09	1.01	5.26	0.62	100.000	5.260	0.617	0.0	1.01
1.29	1.11	1.20	6.37	0.72	100.000	6.370	0.718	0.0	1.20
1.30	1.14	1.39	7.51	0.82	100.000	7.510	0.820	0.0	1.39
1.31	1.17	1.58	8.68	0.92	100.000	8.680	0.923	0.0	1.58
1.32	1.20	2.02	9.88	1.06	100.000	9.880	1.056	0.0	2.02
1.33	1.24	2.69	11.12	1.24	100.000	11.120	1.238	0.0	2.69
1.34	1.27	3.36	12.39	1.46	100.000	12.390	1.456	0.0	3.36
1.35	1.31	4.02	13.70	1.70	100.000	13.700	1.701	0.0	4.02
1.36	1.36	4.67	15.06	1.97	100.000	15.060	1.969	0.0	4.67
1.37	1.40	5.33	16.46	2.25	100.000	16.460	2.255	0.0	5.33
1.38	1.45	5.97	17.91	2.56	100.000	17.910	2.556	0.0	5.97
1.39	1.50	6.62	19.41	2.87	100.000	19.410	2.870	0.0	6.62
1.40	1.56	7.25	20.97	3.20	99.941	20.969	3.195	0.00	7.25
1.41	1.60	7.63	22.57	3.51	99.865	22.567	3.509	0.01	7.63
1.42	1.62	8.00	24.19	3.81	99.771	24.183	3.810	0.02	8.00
1.43	1.64	8.37	25.83	4.10	99.663	25.818	4.098	0.02	8.37
1.44	1.66	8.74	27.49	4.38	99.540	27.470	4.377	0.03	8.74
1.45	1.68	9.10	29.17	4.65	99.405	29.140	4.648	0.04	9.10
1.46	1.69	9.84	30.86	4.94	99.257	30.817	4.931	0.05	9.84
1.47	1.70	10.58	32.56	5.23	99.099	32.502	5.224	0.06	10.58
1.48	1.71	11.32	34.27	5.53	98.807	34.192	5.525	0.09	11.32
1.49	1.71	12.05	35.98	5.84	98.571	35.877	5.831	0.10	12.05
1.50	1.71	12.77	37.69	6.16	98.300	37.558	6.142	0.12	12.77
1.51	1.74	13.07	39.43	6.46	98.000	39.263	6.443	0.15	13.07
1.52	1.78	13.37	41.21	6.76	97.658	41.002	6.736	0.17	13.37
1.53	1.81	13.66	43.02	7.05	97.260	42.762	7.022	0.21	13.66
1.54	1.83	13.95	44.85	7.33	96.815	44.534	7.297	0.24	13.95
1.55	1.83	14.25	46.68	7.60	96.330	46.297	7.562	0.28	14.25
1.56	1.83	15.77	48.51	7.91	95.814	48.050	7.861	0.32	15.77
1.57	1.81	17.29	50.32	8.25	95.275	49.776	8.188	0.36	17.29
1.58	1.78	18.80	52.10	8.61	94.723	51.461	8.536	0.39	18.80
1.59	1.74	20.30	53.84	8.99	94.408	53.103	8.900	0.41	20.30
1.60	1.69	21.79	55.53	9.38	93.740	54.688	9.273	0.44	21.79
1.61	1.60	23.19	57.13	9.76	92.995	56.176	9.642	0.47	23.19
1.62	1.47	24.57	58.60	10.14	92.174	57.530	9.993	0.48	24.57
1.63	1.34	25.95	59.94	10.49	91.278	58.754	10.326	0.49	25.95
1.64	1.22	27.32	61.16	10.83	90.306	59.855	10.638	0.50	27.32
1.65	1.10	28.68	62.26	11.14	88.930	60.834	10.928	0.51	28.68
1.66	0.99	28.87	63.25	11.42	87.788	61.703	11.181	0.51	28.87
1.67	0.87	29.05	64.12	11.66	86.578	62.456	11.397	0.49	29.05
1.68	0.76	29.23	64.88	11.86	85.306	63.104	11.580	0.47	29.23
1.69	0.66	29.42	65.54	12.04	83.979	63.658	11.736	0.44	29.42
1.70	0.55	29.60	66.09	12.19	82.601	64.119	11.862	0.40	29.60
1.71	0.50	30.01	66.59	12.32	81.178	64.519	11.976	0.39	30.01
1.72	0.49	30.42	67.08	12.45	79.717	64.909	12.087	0.42	30.42

1.73	0.48	30.83	67.56	12.58	78.222	65.285	12.195	0.44	30.83
1.74	0.48	31.23	68.04	12.71	76.700	65.653	12.302	0.47	31.23
1.75	0.47	31.64	68.51	12.84	75.155	66.006	12.405	0.49	31.64
1.76	0.47	32.30	68.98	12.98	73.393	66.351	12.508	0.52	32.30
1.77	0.48	32.96	69.46	13.11	71.693	66.695	12.614	0.57	32.96
1.78	0.48	33.61	69.94	13.26	69.915	67.031	12.719	0.61	33.61
1.79	0.49	34.26	70.43	13.40	68.076	67.364	12.826	0.66	34.26
1.80	0.50	34.91	70.93	13.55	66.192	67.695	12.934	0.71	34.91
1.81	0.51	35.39	71.44	13.71	64.279	68.023	13.042	0.76	35.39
1.82	0.51	35.87	71.95	13.87	62.352	68.341	13.148	0.81	35.87
1.83	0.51	36.35	72.46	14.02	60.429	68.649	13.252	0.85	36.35
1.84	0.51	36.82	72.97	14.18	58.525	68.948	13.354	0.89	36.82
1.85	0.51	37.29	73.48	14.34	56.655	69.237	13.454	0.93	37.29
1.86	0.51	37.82	73.99	14.51	54.837	69.516	13.552	0.97	37.82
1.87	0.51	38.35	74.50	14.67	53.085	69.787	13.648	1.00	38.35
1.88	0.51	38.88	75.01	14.83	51.417	70.049	13.743	1.04	38.88
1.89	0.50	39.41	75.51	15.00	49.848	70.299	13.834	1.05	39.41
1.90	0.50	39.93	76.01	15.16	48.488	70.541	13.924	1.08	39.93
1.91	0.50	40.27	76.51	15.32	47.003	70.776	14.011	1.11	40.27
1.92	0.49	40.60	77.00	15.49	45.547	70.999	14.095	1.12	40.60
1.93	0.49	40.94	77.49	15.65	44.120	71.215	14.176	1.15	40.94
1.94	0.49	41.27	77.98	15.81	42.725	71.425	14.256	1.18	41.27
1.95	0.48	41.61	78.46	15.97	41.363	71.623	14.331	1.18	41.61
1.96	0.48	42.08	78.94	16.12	40.034	71.815	14.406	1.21	42.08
1.97	0.48	42.56	79.42	16.28	38.741	72.001	14.478	1.23	42.56
1.98	0.48	43.03	79.90	16.44	37.484	72.181	14.550	1.26	43.03
1.99	0.48	43.51	80.38	16.61	36.265	72.355	14.619	1.28	43.51
2.00	0.48	43.97	80.86	16.77	35.085	72.524	14.687	1.31	43.97
2.01	0.48	44.28	81.34	16.93	33.946	72.687	14.754	1.33	44.28
2.02	0.48	44.58	81.82	17.09	32.848	72.844	14.818	1.35	44.58
2.03	0.47	44.87	82.29	17.25	31.793	72.994	14.880	1.34	44.87
2.04	0.47	45.17	82.76	17.41	30.783	73.139	14.940	1.36	45.17
2.05	0.46	45.47	83.22	17.57	29.818	73.276	14.997	1.35	45.47
2.06	0.45	45.57	83.67	17.72	28.901	73.406	15.051	1.34	45.57
2.07	0.45	45.67	84.12	17.87	28.031	73.532	15.104	1.36	45.67
2.08	0.44	45.77	84.56	18.01	27.212	73.652	15.153	1.34	45.77
2.09	0.44	45.88	85.00	18.16	26.443	73.768	15.202	1.36	45.88
2.10	0.43	45.98	85.43	18.30	25.726	73.879	15.248	1.34	45.98
2.11	0.41	46.10	85.84	18.43	25.063	73.981	15.291	1.29	46.10
2.12	0.37	46.23	86.21	18.55	24.381	74.072	15.328	1.17	46.23
2.13	0.33	46.36	86.54	18.65	23.786	74.150	15.361	1.05	46.36
2.14	0.30	46.49	86.84	18.75	23.218	74.220	15.391	0.97	46.49
2.15	0.28	46.61	87.12	18.84	22.676	74.283	15.417	0.91	46.61
2.16	0.25	46.74	87.37	18.92	22.164	74.339	15.441	0.82	46.74
2.17	0.24	46.86	87.61	19.00	21.682	74.391	15.463	0.79	46.86
2.18	0.22	46.99	87.83	19.07	21.232	74.437	15.482	0.73	46.99
2.19	0.22	47.11	88.05	19.14	20.817	74.483	15.502	0.73	47.11
2.20	0.21	47.24	88.26	19.20	20.438	74.526	15.520	0.70	47.24
2.21	0.21	47.24	88.47	19.27	20.095	74.568	15.538	0.70	47.24
2.22	0.16	47.24	88.63	19.32	19.688	74.600	15.551	0.54	47.24
2.23	0.13	47.24	88.76	19.36	19.375	74.625	15.562	0.44	47.24
2.24	0.11	47.24	88.87	19.39	19.062	74.646	15.571	0.37	47.24
2.25	0.10	47.24	88.97	19.43	18.749	74.665	15.579	0.34	47.24
2.26	0.08	47.65	89.05	19.45	18.437	74.679	15.585	0.27	47.65
2.27	0.09	48.07	89.14	19.48	18.127	74.696	15.592	0.31	48.07
2.28	0.11	48.48	89.25	19.52	17.819	74.715	15.601	0.38	48.48
2.29	0.14	48.90	89.39	19.56	17.515	74.740	15.612	0.48	48.90
2.30	0.17	49.31	89.56	19.62	17.214	74.768	15.625	0.59	49.31
2.31	0.37	49.31	89.93	19.74	16.917	74.832	15.653	1.29	49.31
2.32	0.37	49.31	90.30	19.86	16.626	74.893	15.681	1.29	49.31
2.33	.37	49.31	90.67	19.98	16.341	74.954	15.708	)	49.31
2.34	.36	49.31	91.03	20.10	16.062	75.012	15.734	/	49.31

2.35	0.36	49.31	91.39	20.21	15.790	75.068	15.759	1.27	49.31
2.36	0.36	49.31	91.75	20.33	15.526	75.124	15.784	1.28	49.31
2.37	0.36	49.31	92.11	20.44	15.270	75.179	15.809	1.28	49.31
2.38	0.36	49.31	92.47	20.55	15.024	75.233	15.833	1.28	49.31
2.39	0.36	49.31	92.83	20.66	14.759	75.286	15.857	1.29	49.31
2.40	0.35	49.31	93.18	20.77	14.517	75.337	15.879	1.25	49.31
2.41	0.35	49.31	93.53	20.88	14.275	75.387	15.901	1.26	49.31
2.42	0.35	49.31	93.88	20.98	14.033	75.436	15.923	1.26	49.31
2.43	0.35	49.31	94.23	21.09	13.791	75.485	15.944	1.27	49.31
2.44	0.35	49.31	94.58	21.19	13.550	75.532	15.965	1.27	49.31
2.45	0.35	49.31	94.93	21.30	13.310	75.579	15.986	1.27	49.31
2.46	0.35	52.51	95.28	21.41	13.071	75.624	16.008	1.28	52.51
2.47	0.34	55.69	95.62	21.53	12.834	75.668	16.031	1.24	55.69
2.48	0.34	58.87	95.96	21.67	12.599	75.711	16.055	1.25	58.87
2.49	0.34	62.03	96.30	21.81	12.367	75.753	16.081	1.25	62.03
2.50	0.34	65.18	96.64	21.96	12.138	75.794	16.107	1.25	65.18
2.51	0.34	68.32	96.98	22.12	11.912	75.835	16.135	1.26	68.32
2.52	0.34	71.44	97.32	22.30	11.690	75.874	16.164	1.26	71.44
2.53	0.34	74.55	97.66	22.48	11.471	75.913	16.194	1.26	74.55
2.54	0.33	77.65	97.99	22.66	11.257	75.951	16.224	1.23	77.65
2.55	0.33	80.74	98.32	22.86	11.048	75.987	16.255	1.23	80.74
2.56	0.33	83.82	98.65	23.06	10.844	76.023	16.287	1.23	83.82
2.57	0.33	86.88	98.98	23.28	10.646	76.058	16.320	1.24	86.88
2.58	0.33	89.93	99.31	23.50	10.453	76.092	16.353	1.24	89.93
2.59	0.33	92.97	99.64	23.73	10.267	76.126	16.387	1.24	92.97
2.60	0.33	96.00	99.97	23.97	10.087	76.160	16.422	1.24	96.00

HEAD ASH %	23.97	CLEAN COAL ASH %	16.42	REFUSE ASH %	48.07
THEO. YIELD	79.83	CLEAN COAL YIELD%	76.16	REFUSE YIELD%	23.84
SG OF SEPARATION	1.979	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	9.560	IMPERFECTION	0.202		
ORGANIC EFFCY.	95.40				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82004 SID: 26 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 73.54 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.24	0.49	0.24	0.49	100.000	0.240	0.490	0.0	0.49
1.25	0.24	0.97	0.48	0.73	100.000	0.480	0.730	0.0	0.97
1.26	0.24	1.45	0.72	0.97	100.000	0.720	0.970	0.0	1.45
1.27	0.24	1.92	0.96	1.21	100.000	0.960	1.207	0.0	1.92
1.28	0.24	2.39	1.20	1.44	100.000	1.200	1.444	0.0	2.39
1.29	0.23	2.85	1.43	1.67	100.000	1.430	1.670	0.0	2.85
1.30	0.23	3.31	1.66	1.90	100.000	1.660	1.897	0.0	3.31
1.31	0.23	3.77	1.89	2.13	100.000	1.890	2.125	0.0	3.77
1.32	0.23	4.27	2.12	2.36	100.000	2.120	2.358	0.0	4.27
1.33	0.23	4.82	2.35	2.60	100.000	2.350	2.599	0.0	4.82
1.34	0.23	5.37	2.58	2.85	100.000	2.580	2.846	0.0	5.37
1.35	0.22	5.91	2.80	3.09	100.000	2.800	3.087	0.0	5.91
1.36	0.22	6.45	3.02	3.33	100.000	3.020	3.332	0.0	6.45
1.37	0.22	6.99	3.24	3.58	100.000	3.240	3.580	0.0	6.99
1.38	0.22	7.52	3.46	3.83	100.000	3.460	3.831	0.0	7.52
1.39	0.22	8.04	3.68	4.08	100.000	3.680	4.082	0.0	8.04
1.40	0.22	8.57	3.90	4.34	99.941	3.900	4.335	0.00	8.57
1.41	1.08	8.79	4.98	5.30	99.865	4.978	5.300	0.01	8.79
1.42	1.23	9.00	6.21	6.03	99.771	6.206	6.032	0.01	9.00
1.43	1.38	9.22	7.59	6.61	99.663	7.581	6.610	0.02	9.22
1.44	1.53	9.43	9.12	7.09	99.540	9.104	7.082	0.03	9.43
1.45	1.67	9.64	10.79	7.48	99.405	10.764	7.477	0.04	9.64
1.46	1.80	10.51	12.59	7.91	99.257	12.551	7.908	0.06	10.51
1.47	1.93	11.36	14.52	8.37	99.099	14.463	8.365	0.07	11.36
1.48	2.06	12.21	16.58	8.85	98.807	16.499	8.839	0.11	12.21
1.49	2.18	13.05	18.76	9.34	98.571	18.648	9.324	0.13	13.05
1.50	2.30	13.89	21.06	9.83	98.300	20.908	9.818	0.17	13.89
1.51	2.62	14.38	23.68	10.34	98.000	23.476	10.317	0.22	14.38
1.52	3.07	14.87	26.75	10.86	97.658	26.474	10.833	0.31	14.87
1.53	3.39	15.36	30.14	11.36	97.260	29.771	11.334	0.40	15.36
1.54	3.58	15.84	33.72	11.84	96.815	33.237	11.804	0.49	15.84
1.55	3.65	16.32	37.37	12.28	96.330	36.753	12.236	0.57	16.32
1.56	3.59	17.51	40.96	12.74	95.814	40.193	12.687	0.64	17.51
1.57	3.40	18.69	44.36	13.19	95.278	43.432	13.135	0.69	18.69
1.58	3.08	19.86	47.44	13.62	94.723	46.350	13.558	0.70	19.86
1.59	2.64	21.03	50.08	14.02	94.408	48.842	13.940	0.63	21.03
1.60	2.07	22.19	52.15	14.34	93.740	50.783	14.255	0.56	22.19
1.61	1.70	23.26	53.85	14.62	92.995	52.363	14.527	0.51	23.26
1.62	1.61	24.33	55.46	14.90	92.174	53.847	14.797	0.54	24.33
1.63	1.52	25.38	56.98	15.18	91.278	55.235	15.063	0.57	25.38
1.64	1.44	26.44	58.42	15.46	90.306	56.535	15.324	0.60	26.44
1.65	1.36	27.48	59.78	15.73	88.930	57.745	15.579	0.64	27.48
1.66	1.29	28.23	61.07	16.00	87.788	58.877	15.822	0.67	28.23
1.67	1.22	28.97	62.29	16.25	86.578	59.933	16.054	0.70	28.97
1.68	1.15	29.71	63.44	16.50	85.306	60.814	16.274	0.72	29.71
1.69	1.09	30.44	64.53	16.73	83.979	61.830	16.484	0.75	30.44
1.70	1.04	31.17	65.57	16.96	82.601	62.689	16.685	0.79	31.17
1.71	.2	31.91	66.59	17.19	81.178	63.517	16.883		31.91
1.72	.3	32.64	67.62	17.42	79.717	64.338	17.085		32.64

1.73	[illegible]3	33.36	68.65	17.66	78.222	65.144	17.286	[illegible]6	33.36
1.74	1.02	34.09	69.67	17.90	76.700	65.926	17.485	1.02	34.09
1.75	0.99	34.81	70.66	18.14	75.155	66.670	17.679	1.05	34.81
1.76	0.96	35.56	71.62	18.37	73.393	67.375	17.866	1.09	35.56
1.77	0.91	36.31	72.53	18.60	71.693	68.027	18.042	1.10	36.31
1.78	0.85	37.06	73.38	18.81	69.915	68.621	18.207	1.10	37.06
1.79	0.78	37.80	74.16	19.01	68.076	69.152	18.358	1.07	37.80
1.80	0.70	38.53	74.86	19.20	66.192	69.616	18.492	1.01	38.53
1.81	0.51	39.27	75.37	19.33	64.279	69.943	18.589	0.78	39.27
1.82	0.49	40.00	75.86	19.46	62.352	70.249	18.682	0.79	40.00
1.83	0.47	40.73	76.33	19.60	60.429	70.533	18.771	0.80	40.73
1.84	0.45	41.45	76.78	19.72	58.525	70.796	18.856	0.80	41.45
1.85	0.42	42.17	77.20	19.85	56.655	71.034	18.934	0.78	42.17
1.86	0.66	42.17	77.86	20.04	54.837	71.396	19.051	1.28	42.17
1.87	0.60	42.17	78.46	20.20	53.085	71.715	19.154	1.21	42.17
1.88	0.54	42.17	79.00	20.35	51.417	71.992	19.243	1.12	42.17
1.89	0.47	42.17	79.47	20.48	49.848	72.227	19.317	1.01	42.17
1.90	0.40	42.17	79.87	20.59	48.488	72.421	19.378	0.88	42.17
1.91	0.32	42.17	80.19	20.68	47.003	72.571	19.426	0.73	42.17
1.92	0.32	42.17	80.51	20.76	45.547	72.717	19.471	0.75	42.17
1.93	0.32	42.17	80.83	20.85	44.120	72.858	19.515	0.77	42.17
1.94	0.31	42.17	81.14	20.93	42.725	72.990	19.556	0.76	42.17
1.95	0.31	42.17	81.45	21.01	41.363	73.119	19.596	0.78	42.17
1.96	0.23	42.74	81.68	21.07	40.034	73.211	19.625	0.59	42.74
1.97	0.22	43.30	81.90	21.13	38.741	73.296	19.653	0.58	43.30
1.98	0.22	43.86	82.12	21.19	37.484	73.378	19.680	0.59	43.86
1.99	0.22	44.41	82.34	21.25	36.265	73.458	19.707	0.60	44.41
2.00	0.22	44.96	82.56	21.32	35.085	73.535	19.733	0.61	44.96
2.01	0.26	45.40	82.82	21.38	33.946	73.624	19.764	0.74	45.40
2.02	0.26	45.82	83.08	21.47	32.848	73.709	19.794	0.75	45.82
2.03	0.25	46.25	83.33	21.54	31.793	73.789	19.823	0.73	46.25
2.04	0.25	46.68	83.58	21.62	30.783	73.865	19.851	0.74	46.68
2.05	0.25	47.10	83.83	21.70	29.818	73.940	19.878	0.75	47.10
2.06	0.25	47.39	84.08	21.77	28.901	74.012	19.905	0.76	47.39
2.07	0.26	47.67	84.34	21.85	28.031	74.085	19.932	0.80	47.67
2.08	0.26	47.96	84.60	21.93	27.212	74.156	19.959	0.81	47.96
2.09	0.26	48.24	84.86	22.01	26.443	74.225	19.985	0.82	48.24
2.10	0.26	48.52	85.12	22.09	25.726	74.292	20.011	0.83	48.52
2.11	0.26	48.65	85.38	22.17	25.063	74.357	20.036	0.83	48.65
2.12	0.27	48.78	85.65	22.26	24.381	74.423	20.062	0.87	48.78
2.13	0.28	48.91	85.93	22.34	23.786	74.489	20.087	0.91	48.91
2.14	0.28	49.03	86.21	22.43	23.218	74.554	20.113	0.92	49.03
2.15	0.28	49.16	86.49	22.52	22.676	74.618	20.137	0.93	49.16
2.16	0.28	50.30	86.77	22.61	22.164	74.680	20.162	0.93	50.30
2.17	0.28	51.43	87.05	22.70	21.682	74.740	20.188	0.94	51.43
2.18	0.28	52.56	87.33	22.80	21.232	74.800	20.213	0.94	52.56
2.19	0.28	53.68	87.61	22.89	20.817	74.858	20.240	0.95	53.68
2.20	0.27	54.80	87.88	22.99	20.438	74.913	20.265	0.92	54.80
2.21	0.26	55.55	88.14	23.09	20.095	74.966	20.290	0.89	55.55
2.22	0.25	56.29	88.39	23.18	19.688	75.015	20.313	0.86	56.29
2.23	0.24	57.02	88.63	23.27	19.375	75.061	20.336	0.83	57.02
2.24	0.23	57.76	88.86	23.36	19.062	75.105	20.358	0.80	57.76
2.25	0.23	58.49	89.09	23.45	18.749	75.148	20.380	0.80	58.49
2.26	0.23	59.53	89.32	23.55	18.437	75.191	20.402	0.80	59.53
2.27	0.23	60.57	89.55	23.64	18.127	75.232	20.424	0.81	60.57
2.28	0.23	61.60	89.78	23.74	17.819	75.273	20.446	0.81	61.60
2.29	0.24	62.63	90.02	23.84	17.515	75.315	20.470	0.85	62.63
2.30	0.26	63.65	90.28	23.96	17.214	75.360	20.496	0.92	63.65
2.31	0.34	64.33	90.62	24.11	16.917	75.418	20.529	1.21	64.33
2.32	0.34	65.01	90.96	24.26	16.626	75.474	20.562	1.21	65.01
2.33	0.34	65.68	91.30	24.42	16.341	75.530	20.596	1.22	65.68
2.34	0.34	66.35	91.64	24.57	16.062	75.584	20.629	1.22	66.35

2.35	0.34	67.02	91.98	24.73	15.790	75.638	20.662	1.23	67.02
2.36	0.34	67.69	92.32	24.89	15.526	75.691	20.694	1.23	67.69
2.37	0.34	68.35	92.66	25.05	15.270	75.743	20.727	1.23	68.35
2.38	0.33	69.01	92.99	25.20	15.024	75.792	20.759	1.20	69.01
2.39	0.33	69.67	93.32	25.36	14.759	75.841	20.790	1.21	69.67
2.40	0.33	70.32	93.65	25.52	14.517	75.889	20.821	1.21	70.32
2.41	0.33	70.97	93.98	25.68	14.275	75.936	20.852	1.21	70.97
2.42	0.33	71.62	94.31	25.84	14.033	75.982	20.883	1.22	71.62
2.43	0.33	72.27	94.64	26.00	13.791	76.028	20.914	1.22	72.27
2.44	0.33	72.91	94.97	26.16	13.550	76.073	20.945	1.22	72.91
2.45	0.32	73.55	95.29	26.32	13.310	76.115	20.974	1.19	73.55
2.46	0.32	75.09	95.61	26.49	13.071	76.157	21.004	1.19	75.09
2.47	0.32	76.62	95.93	26.65	12.834	76.198	21.034	1.20	76.62
2.48	0.32	78.15	96.25	26.82	12.599	76.238	21.064	1.20	78.15
2.49	0.32	79.67	96.57	27.00	12.367	76.278	21.094	1.20	79.67
2.50	0.32	81.18	96.89	27.18	12.138	76.317	21.125	1.20	81.18
2.51	0.32	82.69	97.21	27.36	11.912	76.355	21.156	1.21	82.69
2.52	0.32	84.19	97.53	27.55	11.690	76.392	21.187	1.21	84.19
2.53	0.31	85.69	97.84	27.73	11.471	76.428	21.217	1.18	85.69
2.54	0.31	87.18	98.15	27.92	11.257	76.463	21.247	1.18	87.18
2.55	0.31	88.67	98.46	28.11	11.048	76.497	21.277	1.18	88.67
2.56	0.31	90.14	98.77	28.31	10.844	76.531	21.307	1.18	90.14
2.57	0.31	91.62	99.08	28.50	10.646	76.564	21.337	1.19	91.62
2.58	0.31	93.08	99.39	28.71	10.453	76.596	21.368	1.19	93.08
2.59	0.31	94.54	99.70	28.91	10.267	76.628	21.398	1.19	94.54
2.60	0.31	96.00	100.01	29.12	10.087	76.659	21.429	1.19	96.00

HEAD ASH %	29.12	CLEAN COAL ASH %	21.43	REFUSE ASH %	54.37
THEO. YIELD	82.94	CLEAN COAL YIELD%	76.66	REFUSE YIELD%	23.34
SG OF SEPARATION	2.015	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	5.167	IMPERFECTION	0.202		
ORGANIC EFFCY.	92.43				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 40 WID: WA1 EQUIPE JIG SG-ASH 0.00 EP 0.000 SG 0.00
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 79.94 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.23	0.40	0.23	0.40	100.000	0.230	0.400	0.0	0.40
1.25	0.23	0.79	0.46	0.59	100.000	0.460	0.595	0.0	0.79
1.26	0.23	1.17	0.69	0.79	100.000	0.690	0.787	0.0	1.17
1.27	0.23	1.55	0.92	0.98	100.000	0.920	0.977	0.0	1.55
1.28	0.23	1.93	1.15	1.17	100.000	1.150	1.168	0.0	1.93
1.29	0.23	2.31	1.38	1.36	100.000	1.380	1.358	0.0	2.31
1.30	0.22	2.68	1.60	1.54	100.000	1.600	1.540	0.0	2.68
1.31	0.22	3.05	1.82	1.72	100.000	1.820	1.723	0.0	3.05
1.32	0.22	3.54	2.04	1.92	100.000	2.040	1.919	0.0	3.54
1.33	0.22	4.15	2.26	2.14	100.000	2.260	2.136	0.0	4.15
1.34	0.22	4.76	2.48	2.37	100.000	2.480	2.369	0.0	4.76
1.35	0.22	5.36	2.70	2.61	100.000	2.700	2.612	0.0	5.36
1.36	0.21	5.96	2.91	2.85	100.000	2.910	2.854	0.0	5.96
1.37	0.21	6.56	3.12	3.10	100.000	3.120	3.103	0.0	6.56
1.38	0.21	7.15	3.33	3.36	100.000	3.330	3.359	0.0	7.15
1.39	0.21	7.73	3.54	3.62	100.000	3.540	3.618	0.0	7.73
1.40	0.21	8.31	3.75	3.88	99.941	3.750	3.881	0.00	8.31
1.41	0.65	8.65	4.40	4.59	99.865	4.399	4.584	0.00	8.65
1.42	0.69	8.98	5.09	5.18	99.771	5.087	5.179	0.00	8.98
1.43	0.73	9.31	5.82	5.70	99.663	5.815	5.696	0.01	9.31
1.44	0.77	9.63	6.59	6.16	99.540	6.581	6.154	0.01	9.63
1.45	0.80	9.96	7.39	6.57	99.405	7.377	6.564	0.01	9.96
1.46	0.82	11.28	8.21	7.04	99.257	8.191	7.033	0.01	11.28
1.47	0.84	12.59	9.05	7.56	99.099	9.023	7.546	0.02	12.59
1.48	0.86	13.89	9.91	8.11	98.807	9.873	8.092	0.02	13.89
1.49	0.87	15.19	10.78	8.68	98.571	10.730	8.659	0.03	15.19
1.50	0.88	16.47	11.66	9.26	98.300	11.595	9.242	0.04	16.47
1.51	0.89	17.21	12.55	9.83	98.000	12.468	9.799	0.04	17.21
1.52	0.92	17.94	13.47	10.38	97.658	13.366	10.346	0.05	17.94
1.53	0.94	18.67	14.41	10.92	97.260	14.280	10.879	0.06	18.67
1.54	0.97	19.40	15.38	11.46	96.815	15.219	11.405	0.07	19.40
1.55	1.00	20.12	16.38	11.99	96.330	16.183	11.924	0.09	20.12
1.56	1.02	21.32	17.40	12.53	95.814	17.160	12.459	0.10	21.32
1.57	1.05	22.51	18.45	13.10	95.275	18.160	13.013	0.12	22.51
1.58	1.08	23.69	19.53	13.69	94.723	19.183	13.582	0.13	23.69
1.59	1.12	24.86	20.65	14.29	94.408	20.241	14.171	0.15	24.86
1.60	1.15	26.03	21.80	14.91	93.740	21.319	14.771	0.17	26.03
1.61	1.38	26.82	23.18	15.62	92.995	22.602	15.455	0.23	26.82
1.62	1.74	27.60	24.92	16.46	92.174	24.206	16.260	0.32	27.60
1.63	2.01	28.38	26.93	17.35	91.278	26.041	17.114	0.41	28.38
1.64	2.18	29.15	29.11	18.23	90.306	28.009	17.960	0.50	29.15
1.65	2.25	29.92	31.36	19.07	88.930	30.010	18.757	0.59	29.92
1.66	2.22	30.55	33.58	19.83	87.788	31.959	19.476	0.64	30.55
1.67	2.10	31.19	35.68	20.50	86.578	33.777	20.107	0.67	31.19
1.68	1.88	31.82	37.56	21.06	85.306	35.381	20.638	0.65	31.82
1.69	1.57	32.44	39.13	21.52	83.979	36.699	21.062	0.59	32.44
1.70	1.16	33.06	40.29	21.85	82.601	37.658	21.367	0.48	33.06
1.71	0.90	33.54	41.19	22.11	81.178	38.388	21.599	0.40	33.54
1.72	0.87	34.01	42.06	22.35	79.717	39.082	21.819	0.42	34.01

1.73	0.84	34.47	42.90	22.59	78.222	39.739	22.028	0.43	34.47
1.74	0.82	34.94	43.72	22.82	76.700	40.368	22.229	0.45	34.94
1.75	0.81	35.40	44.53	23.05	75.155	40.976	22.425	0.48	35.40
1.76	0.81	36.08	45.34	23.28	73.393	41.571	22.620	0.51	36.08
1.77	0.81	36.75	46.15	23.52	71.693	42.152	22.815	0.54	36.75
1.78	0.83	37.42	46.98	23.77	69.915	42.732	23.013	0.59	37.42
1.79	0.85	38.09	47.83	24.02	68.076	43.311	23.215	0.64	38.09
1.80	0.88	38.75	48.71	24.29	66.192	43.893	23.421	0.70	38.75
1.81	0.91	39.24	49.62	24.56	64.279	44.478	23.629	0.77	39.24
1.82	0.93	39.72	50.55	24.84	62.352	45.058	23.836	0.83	39.72
1.83	0.94	40.19	51.49	25.12	60.429	45.626	24.040	0.88	40.19
1.84	0.95	40.67	52.44	25.40	58.525	46.182	24.240	0.93	40.67
1.85	0.95	41.14	53.39	25.68	56.655	46.720	24.434	0.97	41.14
1.86	0.94	41.81	54.33	25.96	54.837	47.236	24.624	1.00	41.81
1.87	0.92	42.48	55.25	26.24	53.085	47.724	24.807	1.02	42.48
1.88	0.89	43.14	56.14	26.50	51.417	48.182	24.981	1.02	43.14
1.89	0.86	43.80	57.00	26.77	49.848	48.610	25.147	1.02	43.80
1.90	0.81	44.46	57.81	27.01	48.488	49.003	25.302	0.99	44.46
1.91	0.74	45.02	58.55	27.24	47.003	49.351	25.441	0.93	45.02
1.92	0.64	45.57	59.19	27.44	45.547	49.642	25.559	0.82	45.57
1.93	0.57	46.12	59.76	27.62	44.120	49.894	25.662	0.75	46.12
1.94	0.52	46.67	60.28	27.78	42.725	50.116	25.756	0.70	46.67
1.95	0.48	47.22	60.76	27.94	41.363	50.315	25.840	0.67	47.22
1.96	0.46	47.77	61.22	28.08	40.034	50.499	25.920	0.65	47.77
1.97	0.46	48.33	61.68	28.24	38.741	50.677	25.999	0.67	48.33
1.98	0.48	48.88	62.16	28.39	37.484	50.857	26.080	0.71	48.88
1.99	0.52	49.42	62.68	28.57	36.265	51.045	26.166	0.78	49.42
2.00	0.57	49.97	63.25	28.76	35.085	51.245	26.259	0.87	49.97
2.01	0.64	50.40	63.89	28.98	33.946	51.463	26.361	1.00	50.40
2.02	0.69	50.82	64.58	29.21	32.848	51.689	26.468	1.09	50.82
2.03	0.73	51.24	65.31	29.46	31.793	51.921	26.579	1.18	51.24
2.04	0.75	51.66	66.06	29.71	30.783	52.152	26.690	1.23	51.66
2.05	0.76	52.08	66.82	29.96	29.818	52.379	26.800	1.26	52.08
2.06	0.74	52.74	67.56	30.21	28.901	52.593	26.905	1.24	52.74
2.07	0.71	53.40	68.27	30.46	28.031	52.792	27.005	1.21	53.40
2.08	0.66	54.05	68.93	30.68	27.212	52.971	27.097	1.14	54.05
2.09	0.60	54.70	69.53	30.89	26.443	53.130	27.180	1.04	54.70
2.10	0.51	55.35	70.04	31.07	25.726	53.261	27.249	0.89	55.35
2.11	0.41	56.03	70.45	31.21	25.063	53.364	27.304	0.73	56.03
2.12	0.32	56.71	70.77	31.33	24.381	53.442	27.347	0.57	56.71
2.13	0.25	57.39	71.02	31.42	23.786	53.501	27.381	0.45	57.39
2.14	0.19	58.07	71.21	31.49	23.218	53.546	27.406	0.34	58.07
2.15	0.16	58.74	71.37	31.55	22.676	53.582	27.427	0.29	58.74
2.16	0.14	59.07	71.51	31.60	22.164	53.613	27.445	0.26	59.07
2.17	0.15	59.39	71.66	31.66	21.682	53.645	27.465	0.28	59.39
2.18	0.17	59.72	71.83	31.73	21.232	53.682	27.487	0.32	59.72
2.19	0.21	60.04	72.04	31.81	20.817	53.725	27.513	0.39	60.04
2.20	0.27	60.37	72.31	31.92	20.438	53.780	27.547	0.51	60.37
2.21	0.31	60.49	72.62	32.04	20.095	53.843	27.585	0.59	60.49
2.22	0.32	60.62	72.94	32.17	19.688	53.906	27.624	0.61	60.62
2.23	0.33	60.75	73.27	32.29	19.375	53.970	27.663	0.63	60.75
2.24	0.34	60.87	73.61	32.43	19.062	54.034	27.703	0.65	60.87
2.25	0.36	61.00	73.97	32.57	18.749	54.102	27.744	0.69	61.00
2.26	0.38	61.90	74.35	32.72	18.437	54.172	27.788	0.73	61.90
2.27	0.40	62.80	74.75	32.88	18.127	54.245	27.835	0.77	62.80
2.28	0.42	63.69	75.17	33.05	17.819	54.319	27.885	0.82	63.69
2.29	0.45	64.58	75.62	33.24	17.515	54.398	27.938	0.88	64.58
2.30	0.47	65.46	76.09	33.44	17.214	54.479	27.993	0.92	65.46
2.31	0.85	66.13	76.94	33.80	16.917	54.623	28.094	1.67	66.13
2.32	0.84	66.80	77.78	34.15	16.626	54.763	28.193	1.65	66.80
2.33	0.84	67.47	78.62	34.51	16.341	54.900	28.291	1.63	67.47
2.34	0.84	68.14	79.46	34.86	16.062	55.035	28.388	1.61	68.14

2.35	0.83	68.80	80.29	35.22	15.790	55.166	28.484	1.65	68.80
2.36	0.83	69.46	81.12	35.57	15.526	55.295	28.580	1.66	69.46
2.37	0.83	70.11	81.95	35.92	15.270	55.421	28.675	1.66	70.11
2.38	0.82	70.76	82.77	36.26	15.024	55.545	28.768	1.65	70.76
2.39	0.82	71.41	83.59	36.61	14.759	55.666	28.861	1.65	71.41
2.40	0.81	72.06	84.40	36.95	14.517	55.783	28.952	1.64	72.06
2.41	0.81	72.71	85.21	37.29	14.275	55.899	29.043	1.64	72.71
2.42	0.81	73.35	86.02	37.63	14.033	56.013	29.132	1.65	73.35
2.43	0.80	73.99	86.82	37.96	13.791	56.123	29.221	1.63	73.99
2.44	0.80	74.63	87.62	38.30	13.550	56.231	29.308	1.63	74.63
2.45	0.80	75.26	88.42	38.63	13.310	56.338	29.395	1.64	75.26
2.46	0.80	76.68	89.22	38.97	13.071	56.442	29.483	1.64	76.68
2.47	0.79	78.10	90.01	39.31	12.834	56.544	29.570	1.63	78.10
2.48	0.79	79.51	90.80	39.66	12.599	56.643	29.658	1.63	79.51
2.49	0.79	80.91	91.59	40.02	12.367	56.741	29.746	1.64	80.91
2.50	0.78	82.31	92.37	40.38	12.138	56.836	29.833	1.62	82.31
2.51	0.78	83.70	93.15	40.74	11.912	56.928	29.921	1.62	83.70
2.52	0.78	85.09	93.93	41.11	11.690	57.020	30.010	1.63	85.09
2.53	0.77	86.47	94.70	41.48	11.471	57.108	30.097	1.61	86.47
2.54	0.77	87.85	95.47	41.85	11.257	57.195	30.184	1.61	87.85
2.55	0.77	89.22	96.24	42.23	11.048	57.280	30.272	1.62	89.22
2.56	0.76	90.59	97.00	42.61	10.844	57.362	30.359	1.60	90.59
2.57	0.76	91.95	97.76	42.99	10.646	57.443	30.446	1.60	91.95
2.58	0.76	93.30	98.52	43.38	10.453	57.523	30.532	1.61	93.30
2.59	0.76	94.65	99.28	43.77	10.267	57.601	30.619	1.61	94.65
2.60	0.75	96.00	100.03	44.16	10.087	57.676	30.705	1.59	96.00

HEAD ASH %	44.16	CLEAN COAL ASH %	30.71	REFUSE ASH %	62.51
THEO. YIELD	69.00	CLEAN COAL YIELD%	57.68	REFUSE YIELD%	42.32
SG OF SEPARATION	2.081	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	9.634	IMPERFECTION	0.202		
ORGANIC EFFCY.	83.59				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 41 WID: WA1 EQUIPE JIG SG-ASH 0.00 EP****** SG 0.00
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.83 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	1.03	0.59	1.03	0.59	100.000	1.030	0.590	0.0	0.59
1.25	1.02	1.17	2.05	0.88	100.000	2.050	0.879	0.0	1.17
1.26	1.01	1.74	3.06	1.16	100.000	3.060	1.163	0.0	1.74
1.27	1.00	2.31	4.06	1.45	100.000	4.060	1.445	0.0	2.31
1.28	0.99	2.88	5.05	1.73	100.000	5.050	1.727	0.0	2.88
1.29	0.99	3.44	6.04	2.01	100.000	6.040	2.007	0.0	3.44
1.30	0.98	3.99	7.02	2.28	100.000	7.020	2.284	0.0	3.99
1.31	0.97	4.54	7.99	2.56	100.000	7.990	2.558	0.0	4.54
1.32	0.96	4.92	8.95	2.81	100.000	8.950	2.811	0.0	4.92
1.33	0.96	5.12	9.91	3.04	100.000	9.910	3.035	0.0	5.12
1.34	0.95	5.31	10.86	3.23	100.000	10.860	3.234	0.0	5.31
1.35	0.94	5.51	11.80	3.42	100.000	11.800	3.415	0.0	5.51
1.36	0.94	5.70	12.74	3.58	100.000	12.740	3.584	0.0	5.70
1.37	0.93	5.89	13.67	3.74	100.000	13.670	3.741	0.0	5.89
1.38	0.92	6.09	14.59	3.89	100.000	14.590	3.889	0.0	6.09
1.39	0.92	6.28	15.51	4.03	100.000	15.510	4.031	0.0	6.28
1.40	0.91	6.46	16.42	4.17	99.941	16.419	4.165	0.00	6.46
1.41	3.53	6.56	19.95	4.59	99.865	19.945	4.589	0.04	6.56
1.42	4.63	6.65	24.58	4.98	99.771	24.564	4.976	0.08	6.65
1.43	5.42	6.74	30.00	5.30	99.663	29.966	5.294	0.14	6.74
1.44	5.90	6.83	35.90	5.55	99.540	35.839	5.546	0.20	6.83
1.45	6.07	6.92	41.97	5.75	99.405	41.873	5.744	0.27	6.92
1.46	5.92	8.24	47.89	6.05	99.257	47.748	6.051	0.33	8.24
1.47	5.47	9.55	53.36	6.41	99.099	53.169	6.408	0.37	9.55
1.48	4.70	10.85	58.06	6.77	98.807	57.813	6.765	0.42	10.85
1.49	3.62	12.14	61.68	7.09	98.571	61.382	7.077	0.29	12.14
1.50	2.23	13.43	63.91	7.31	98.300	63.574	7.296	0.28	13.43
1.51	1.40	14.77	65.31	7.47	98.000	64.946	7.454	0.21	14.77
1.52	1.32	16.10	66.63	7.64	97.658	66.235	7.622	0.23	16.10
1.53	1.24	17.43	67.87	7.82	97.260	67.441	7.798	0.26	17.43
1.54	1.16	18.74	69.03	8.00	96.815	68.564	7.977	0.28	18.74
1.55	1.08	20.05	70.11	8.19	96.330	69.604	8.157	0.30	20.05
1.56	1.00	20.63	71.11	8.36	95.814	70.562	8.327	0.31	20.63
1.57	0.92	21.21	72.03	8.53	95.275	71.439	8.485	0.33	21.21
1.58	0.83	21.78	72.86	8.68	94.723	72.225	8.630	0.33	21.78
1.59	0.74	22.35	73.60	8.81	94.408	72.924	8.761	0.31	22.35
1.60	0.65	22.91	74.25	8.94	93.740	73.533	8.878	0.31	22.91
1.61	0.62	23.62	74.87	9.06	92.995	74.110	8.993	0.33	23.62
1.62	0.64	24.32	75.51	9.19	92.174	74.699	9.114	0.38	24.32
1.63	0.64	25.02	76.15	9.32	91.278	75.284	9.237	0.42	25.02
1.64	0.64	25.71	76.79	9.46	90.306	75.862	9.363	0.47	25.71
1.65	0.63	26.40	77.42	9.60	88.930	76.422	9.488	0.52	26.40
1.66	0.61	27.00	78.03	9.73	87.788	76.957	9.610	0.56	27.00
1.67	0.58	27.60	78.61	9.86	86.578	77.459	9.726	0.58	27.60
1.68	0.54	28.20	79.15	9.99	85.306	77.920	9.835	0.60	28.20
1.69	0.49	28.79	79.64	10.11	83.979	78.332	9.938	0.59	28.79
1.70	0.43	29.38	80.07	10.21	82.601	78.687	10.029	0.56	29.38
1.71	.39	30.01	80.46	10.30	81.178	79.003	10.103	[illegible]	30.01
1.72	.39	30.63	80.85	10.40	79.717	79.314	10.183	[illegible]	30.63

1.73	0.38	31.25	81.23	10.50	78.222	79.612	10.262	0.62	31.25
1.74	0.37	31.87	81.60	10.60	76.700	79.895	10.339	0.65	31.87
1.75	0.37	32.48	81.97	10.70	75.155	80.173	10.416	0.69	32.48
1.76	0.36	32.57	82.33	10.79	73.393	80.438	10.488	0.72	32.57
1.77	0.35	32.66	82.68	10.88	71.693	80.689	10.557	0.74	32.68
1.78	0.35	32.76	83.03	10.98	69.915	80.933	10.624	0.79	32.76
1.79	0.34	32.85	83.37	11.07	68.076	81.165	10.688	0.82	32.85
1.80	0.33	32.94	83.70	11.15	66.192	81.383	10.748	0.84	32.94
1.81	0.33	32.94	84.03	11.24	64.279	81.595	10.805	0.89	32.94
1.82	0.31	32.94	84.34	11.32	62.352	81.789	10.858	0.88	32.94
1.83	0.30	32.94	84.64	11.39	60.429	81.970	10.906	0.89	32.94
1.84	0.29	32.94	84.93	11.47	58.525	82.140	10.952	0.90	32.94
1.85	0.29	32.94	85.22	11.54	56.655	82.304	10.996	0.94	32.94
1.86	0.27	34.09	85.49	11.61	54.837	82.452	11.037	0.92	34.09
1.87	0.27	35.24	85.76	11.69	53.085	82.595	11.079	0.95	35.24
1.88	0.28	36.38	86.04	11.77	51.417	82.739	11.123	1.02	36.38
1.89	0.30	37.51	86.34	11.86	49.848	82.889	11.171	1.13	37.51
1.90	0.31	38.64	86.65	11.95	48.488	83.039	11.221	1.20	38.64
1.91	0.37	39.30	87.02	12.07	47.003	83.213	11.279	1.47	39.30
1.92	0.43	39.96	87.45	12.21	45.547	83.409	11.347	1.76	39.96
1.93	0.48	40.62	87.93	12.36	44.120	83.621	11.421	2.01	40.62
1.94	0.51	41.27	88.44	12.53	42.725	83.839	11.498	2.19	41.27
1.95	0.52	41.92	88.96	12.70	41.363	84.054	11.576	2.29	41.92
1.96	0.52	42.93	89.48	12.87	40.034	84.262	11.654	2.34	42.93
1.97	0.51	43.94	89.99	13.05	38.741	84.459	11.729	2.35	43.94
1.98	0.48	44.94	90.47	13.22	37.484	84.639	11.800	2.25	44.94
1.99	0.44	45.94	90.91	13.38	36.265	84.799	11.864	2.11	45.94
2.00	0.38	46.93	91.29	13.52	35.085	84.932	11.919	1.85	46.93
2.01	0.34	47.90	91.63	13.65	33.946	85.048	11.968	1.69	47.90
2.02	0.32	48.87	91.95	13.77	32.848	85.153	12.013	1.61	48.87
2.03	0.30	49.82	92.25	13.89	31.793	85.248	12.056	1.54	49.82
2.04	0.29	50.78	92.54	14.00	30.783	85.337	12.096	1.51	50.78
2.05	0.27	51.73	92.81	14.11	29.818	85.418	12.134	1.42	51.73
2.06	0.25	52.19	93.06	14.21	28.901	85.490	12.167	1.33	52.19
2.07	0.23	52.65	93.29	14.31	28.031	85.555	12.198	1.24	52.65
2.08	0.21	53.10	93.50	14.39	27.212	85.612	12.225	1.15	53.10
2.09	0.19	53.55	93.69	14.47	26.443	85.662	12.250	1.05	53.55
2.10	0.16	54.00	93.85	14.54	25.726	85.703	12.270	0.89	54.00
2.11	0.15	54.39	94.00	14.61	25.063	85.741	12.288	0.84	54.39
2.12	0.15	54.78	94.15	14.67	24.381	85.777	12.306	0.85	54.78
2.13	0.14	55.16	94.29	14.73	23.786	85.811	12.323	0.80	55.16
2.14	0.13	55.55	94.42	14.79	23.218	85.841	12.338	0.75	55.55
2.15	0.13	55.93	94.55	14.84	22.676	85.870	12.353	0.75	55.93
2.16	0.12	56.16	94.67	14.89	22.164	85.897	12.367	0.70	56.16
2.17	0.11	56.40	94.78	14.94	21.682	85.921	12.379	0.65	56.40
2.18	0.10	56.63	94.88	14.99	21.232	85.942	12.390	0.59	56.63
2.19	0.10	56.86	94.98	15.03	20.817	85.963	12.400	0.58	56.86
2.20	0.09	57.10	95.07	15.07	20.438	85.981	12.410	0.54	57.10
2.21	0.07	57.20	95.14	15.10	20.095	85.995	12.417	0.42	57.20
2.22	0.06	57.30	95.20	15.13	19.688	86.007	12.423	0.36	57.30
2.23	0.05	57.40	95.25	15.15	19.375	86.017	12.429	0.30	57.40
2.24	0.04	57.50	95.29	15.17	19.062	86.024	12.433	0.24	57.50
2.25	0.04	57.60	95.33	15.19	18.749	86.032	12.436	0.24	57.60
2.26	0.04	58.06	95.37	15.20	18.437	86.039	12.440	0.25	58.06
2.27	0.05	58.52	95.42	15.23	18.127	86.048	12.445	0.31	58.52
2.28	0.05	58.99	95.47	15.25	17.819	86.057	12.450	0.31	58.99
2.29	0.07	59.45	95.54	15.28	17.515	86.069	12.457	0.43	59.45
2.30	0.08	59.90	95.62	15.32	17.214	86.083	12.464	0.50	59.90
2.31	0.18	59.90	95.80	15.40	16.917	86.114	12.481	1.12	59.90
2.32	0.18	59.91	95.98	15.49	16.626	86.144	12.498	1.13	59.91
2.33	0.18	59.91	96.16	15.57	16.341	86.173	12.514	1.13	59.91
2.34	0.18	59.91	96.34	15.65	16.062	86.202	12.530	1.13	59.91

2.35	0.18	59.91	96.52	15.73	15.790	86.230	12.545	1.14	59.91
2.36	0.18	59.91	96.70	15.82	15.526	86.258	12.561	1.14	59.91
2.37	0.18	59.91	96.88	15.90	15.270	86.286	12.576	1.15	59.91
2.38	0.18	59.91	97.06	15.98	15.024	86.313	12.591	1.15	59.91
2.39	0.18	59.91	97.24	16.06	14.759	86.339	12.605	1.15	59.91
2.40	0.18	59.91	97.42	16.14	14.517	86.366	12.619	1.16	59.91
2.41	0.18	59.92	97.60	16.22	14.275	86.391	12.633	1.16	59.92
2.42	0.18	59.92	97.78	16.30	14.033	86.416	12.647	1.16	59.92
2.43	0.18	59.92	97.96	16.38	13.791	86.441	12.661	1.17	59.92
2.44	0.17	59.92	98.13	16.46	13.550	86.464	12.673	1.10	59.92
2.45	0.17	59.92	98.30	16.53	13.310	86.487	12.686	1.11	59.92
2.46	0.12	62.39	98.42	16.59	13.071	86.503	12.695	0.78	62.39
2.47	0.12	64.86	98.54	16.65	12.834	86.518	12.704	0.79	64.86
2.48	0.12	67.31	98.66	16.71	12.599	86.533	12.714	0.79	67.31
2.49	0.12	69.75	98.78	16.78	12.367	86.548	12.723	0.79	69.75
2.50	0.12	72.19	98.90	16.84	12.138	86.563	12.733	0.79	72.19
2.51	0.12	74.61	99.02	16.91	11.912	86.577	12.744	0.78	74.61
2.52	0.11	77.02	99.13	16.98	11.690	86.590	12.753	0.73	77.02
2.53	0.11	79.43	99.24	17.05	11.471	86.602	12.763	0.73	79.43
2.54	0.11	81.82	99.35	17.12	11.257	86.615	12.773	0.73	81.82
2.55	0.11	84.21	99.46	17.19	11.048	86.627	12.783	0.73	84.21
2.56	0.11	86.59	99.57	17.27	10.844	86.639	12.793	0.74	86.59
2.57	0.11	88.95	99.68	17.35	10.646	86.651	12.803	0.74	88.95
2.58	0.11	91.31	99.79	17.43	10.453	86.662	12.814	0.74	91.31
2.59	0.11	93.66	99.90	17.52	10.267	86.673	12.824	0.74	93.66
2.60	0.11	96.00	100.01	17.60	10.087	86.684	12.835	0.74	96.00

HEAD ASH %	17.60	CLEAN COAL ASH %	12.83	REFUSE ASH %	48.64
THEO. YIELD	89.36	CLEAN COAL YIELD%	86.68	REFUSE YIELD%	13.32
SG OF SEPARATION	1.958	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	7.575	IMPERFECTION	0.202		
ORGANIC EFFCY.	97.00				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 42 WID: WA1 EQUIPE JIG SG-ASH 0.00 EP 0.107 SG 0.00
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.00 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.47	0.36	0.47	0.36	100.000	0.470	0.360	0.0	0.36
1.25	0.47	0.70	0.94	0.53	100.000	0.940	0.530	0.0	0.70
1.26	0.46	1.04	1.40	0.70	100.000	1.400	0.698	0.0	1.04
1.27	0.46	1.38	1.86	0.87	100.000	1.860	0.866	0.0	1.38
1.28	0.45	1.72	2.31	1.03	100.000	2.310	1.033	0.0	1.72
1.29	0.45	2.05	2.76	1.20	100.000	2.760	1.199	0.0	2.05
1.30	0.45	2.38	3.21	1.36	100.000	3.210	1.364	0.0	2.38
1.31	0.44	2.71	3.65	1.53	100.000	3.650	1.526	0.0	2.71
1.32	0.44	3.10	4.09	1.70	100.000	4.090	1.696	0.0	3.10
1.33	0.44	3.55	4.53	1.88	100.000	4.530	1.876	0.0	3.55
1.34	0.43	4.00	4.96	2.06	100.000	4.960	2.060	0.0	4.00
1.35	0.43	4.44	5.39	2.25	100.000	5.390	2.250	0.0	4.44
1.36	0.43	4.88	5.82	2.44	100.000	5.820	2.444	0.0	4.88
1.37	0.42	5.32	6.24	2.64	100.000	6.240	2.638	0.0	5.32
1.38	0.42	5.76	6.66	2.83	100.000	6.660	2.835	0.0	5.76
1.39	0.42	6.19	7.08	3.03	100.000	7.080	3.034	0.0	6.19
1.40	0.42	6.62	7.50	3.23	99.941	7.500	3.234	0.00	6.62
1.41	2.14	6.99	9.64	4.07	99.865	9.637	4.067	0.01	6.99
1.42	2.79	7.35	12.43	4.80	99.771	12.420	4.803	0.02	7.35
1.43	3.27	7.72	15.70	5.41	99.663	15.679	5.409	0.03	7.72
1.44	3.56	8.08	19.26	5.91	99.540	19.223	5.902	0.04	8.08
1.45	3.67	8.44	22.93	6.31	99.405	22.871	6.306	0.05	8.44
1.46	3.59	9.18	26.52	6.70	99.257	26.435	6.694	0.07	9.18
1.47	3.34	9.91	29.86	7.06	99.099	29.744	7.052	0.07	9.91
1.48	2.90	10.63	32.76	7.37	98.807	32.610	7.366	0.08	10.63
1.49	2.27	11.35	35.03	7.63	98.571	34.847	7.622	0.08	11.35
1.50	1.47	12.07	36.50	7.81	98.300	36.292	7.799	0.06	12.07
1.51	0.98	12.83	37.48	7.94	98.000	37.253	7.928	0.05	12.83
1.52	0.93	13.59	38.41	8.08	97.658	38.161	8.063	0.05	13.59
1.53	0.88	14.34	39.29	8.22	97.260	39.017	8.201	0.06	14.34
1.54	0.83	15.09	40.12	8.36	96.815	39.821	8.340	0.06	15.09
1.55	0.77	15.83	40.89	8.50	96.330	40.562	8.477	0.07	15.83
1.56	0.71	16.56	41.60	8.64	95.814	41.243	8.610	0.07	16.56
1.57	0.65	17.28	42.25	8.77	95.275	41.862	8.739	0.08	17.28
1.58	0.58	18.00	42.83	8.90	94.723	42.411	8.859	0.07	18.00
1.59	0.51	18.72	43.34	9.01	94.408	42.893	8.969	0.07	18.72
1.60	0.44	19.43	43.78	9.12	93.740	43.305	9.069	0.07	19.43
1.61	0.39	20.06	44.17	9.21	92.995	43.668	9.160	0.07	20.06
1.62	0.36	20.69	44.53	9.31	92.174	44.000	9.247	0.07	20.69
1.63	0.35	21.32	44.88	9.40	91.278	44.319	9.334	0.07	21.32
1.64	0.34	21.94	45.22	9.49	90.306	44.626	9.421	0.08	21.94
1.65	0.34	22.55	45.56	9.59	88.930	44.929	9.509	0.09	22.55
1.66	0.35	23.34	45.91	9.70	87.788	45.236	9.603	0.10	23.34
1.67	0.36	24.11	46.27	9.81	86.578	45.547	9.703	0.12	24.11
1.68	0.38	24.89	46.65	9.93	85.306	45.872	9.810	0.14	24.89
1.69	0.41	25.66	47.06	10.07	83.979	46.216	9.928	0.16	25.66
1.70	0.44	26.42	47.50	10.22	82.601	46.579	10.057	0.19	26.42
1.71	0.50	26.86	48.00	10.39	81.178	46.985	10.202	0.23	26.86
1.72	0.55	27.30	48.55	10.59	79.717	47.424	10.360	0.27	27.30

1.73	0.59	27.74	49.14	10.79	78.222	47.885	10.528	0.31	27.74
1.74	0.61	28.17	49.75	11.00	76.700	48.353	10.698	0.35	28.17
1.75	0.62	28.60	50.37	11.22	75.155	48.819	10.869	0.38	28.60
1.76	0.60	29.79	50.97	11.44	73.393	49.259	11.038	0.39	29.79
1.77	0.57	30.98	51.54	11.66	71.693	49.668	11.202	0.40	30.98
1.78	0.52	32.16	52.06	11.86	69.915	50.032	11.355	0.38	32.16
1.79	0.45	33.34	52.51	12.04	68.076	50.338	11.488	0.35	33.34
1.80	0.37	34.51	52.88	12.20	66.192	50.583	11.600	0.31	34.51
1.81	0.30	35.50	53.18	12.33	64.279	50.776	11.691	0.26	35.50
1.82	0.26	36.48	53.44	12.45	62.352	50.938	11.770	0.24	36.48
1.83	0.24	37.46	53.68	12.56	60.429	51.083	11.842	0.23	37.46
1.84	0.22	38.44	53.90	12.67	58.525	51.212	11.909	0.22	38.44
1.85	0.20	39.41	54.10	12.77	56.655	51.325	11.970	0.21	39.41
1.86	0.20	40.14	54.30	12.87	54.837	51.435	12.030	0.22	40.14
1.87	0.20	40.87	54.50	12.97	53.085	51.541	12.090	0.23	40.87
1.88	0.21	41.60	54.71	13.08	51.417	51.649	12.151	0.25	41.60
1.89	0.23	42.32	54.94	13.20	49.848	51.763	12.218	0.28	42.32
1.90	0.26	43.04	55.20	13.34	48.488	51.889	12.293	0.33	43.04
1.91	0.29	43.60	55.49	13.50	47.003	52.026	12.375	0.38	43.60
1.92	0.30	44.16	55.79	13.67	45.547	52.162	12.458	0.40	44.16
1.93	0.31	44.71	56.10	13.84	44.120	52.299	12.543	0.42	44.71
1.94	0.32	45.27	56.42	14.02	42.725	52.436	12.628	0.45	45.27
1.95	0.32	45.81	56.74	14.20	41.363	52.568	12.711	0.46	45.81
1.96	0.31	46.78	57.05	14.37	40.034	52.692	12.792	0.46	46.78
1.97	0.31	47.75	57.36	14.55	38.741	52.812	12.871	0.47	47.75
1.98	0.30	48.71	57.66	14.73	37.484	52.925	12.947	0.46	48.71
1.99	0.28	49.67	57.94	14.90	36.265	53.026	13.018	0.44	49.67
2.00	0.26	50.62	58.20	15.06	35.085	53.118	13.082	0.41	50.62
2.01	0.09	51.50	58.29	15.12	33.946	53.148	13.104	0.15	51.50
2.02	0.08	52.38	58.37	15.17	32.848	53.175	13.124	0.13	52.38
2.03	0.08	53.25	58.45	15.22	31.793	53.200	13.143	0.13	53.25
2.04	0.07	54.12	58.52	15.27	30.783	53.222	13.160	0.12	54.12
2.05	0.07	54.99	58.59	15.31	29.818	53.242	13.176	0.12	54.99
2.06	0.29	54.99	58.88	15.51	28.901	53.326	13.242	0.50	54.99
2.07	0.27	54.99	59.15	15.69	28.031	53.402	13.301	0.48	54.99
2.08	0.26	54.99	59.41	15.86	27.212	53.473	13.356	0.46	54.99
2.09	0.25	54.99	59.66	16.02	26.443	53.539	13.407	0.45	54.99
2.10	0.25	54.99	59.91	16.19	25.726	53.603	13.457	0.45	54.99
2.11	0.17	54.99	60.08	16.30	25.063	53.646	13.490	0.31	54.99
2.12	0.14	54.99	60.22	16.39	24.381	53.680	13.517	0.26	54.99
2.13	0.11	54.99	60.33	16.46	23.786	53.706	13.537	0.21	54.99
2.14	0.09	54.99	60.42	16.51	23.218	53.727	13.553	0.17	54.99
2.15	0.07	54.99	60.49	16.56	22.676	53.743	13.565	0.13	54.99
2.16	0.02	55.77	60.51	16.57	22.164	53.747	13.569	0.04	55.77
2.17	0.02	56.55	60.53	16.58	21.682	53.752	13.572	0.04	56.55
2.18	0.02	57.33	60.55	16.60	21.232	53.756	13.576	0.04	57.33
2.19	0.03	58.10	60.58	16.62	20.817	53.762	13.581	0.06	58.10
2.20	0.03	58.86	60.61	16.64	20.438	53.768	13.586	0.06	58.86
2.21	0.12	59.14	60.73	16.72	20.095	53.792	13.606	0.23	59.14
2.22	0.16	59.42	60.89	16.84	19.688	53.824	13.633	0.31	59.42
2.23	0.20	59.70	61.09	16.98	19.375	53.862	13.666	0.39	59.70
2.24	0.24	59.97	61.33	17.14	19.062	53.908	13.706	0.48	59.97
2.25	0.28	60.25	61.61	17.34	18.749	53.961	13.751	0.56	60.25
2.26	0.32	61.34	61.93	17.57	18.437	54.020	13.803	0.64	61.34
2.27	0.36	62.42	62.29	17.83	18.127	54.085	13.862	0.72	62.42
2.28	0.40	63.50	62.69	18.12	17.819	54.156	13.927	0.81	63.50
2.29	0.43	64.58	63.12	18.44	17.515	54.232	13.997	0.87	64.58
2.30	0.46	65.65	63.58	18.78	17.214	54.311	14.073	0.93	65.65
2.31	1.29	65.91	64.87	19.71	16.917	54.529	14.280	2.62	65.91
2.32	1.28	66.17	66.15	20.61	16.626	54.742	14.482	2.61	66.17
2.33	1.28	66.43	67.43	21.48	16.341	54.951	14.680	2	66.43
2.34	1.27	66.69	68.70	22.32	16.062	55.155	14.872	1	66.69

2.35	1.27	66.94	69.97	23.13	15.790	55.355	15.060	.62	66.94
2.36	1.26	67.20	71.23	23.91	15.526	55.551	15.244	2.61	67.20
2.37	1.25	67.45	72.48	24.66	15.270	55.742	15.423	2.59	67.45
2.38	1.25	67.70	73.73	25.39	15.024	55.930	15.598	2.60	67.70
2.39	1.24	67.95	74.97	26.09	14.759	56.113	15.769	2.59	67.95
2.40	1.24	68.20	76.21	26.78	14.517	56.293	15.937	2.60	68.20
2.41	1.23	68.45	77.44	27.44	14.275	56.468	16.100	2.58	68.45
2.42	1.23	68.70	78.67	28.08	14.033	56.641	16.260	2.59	68.70
2.43	1.22	68.95	79.89	28.71	13.791	56.809	16.416	2.58	68.95
2.44	1.22	69.19	81.11	29.32	13.550	56.975	16.570	2.58	69.19
2.45	1.21	69.44	82.32	29.91	13.310	57.136	16.719	2.57	69.44
2.46	1.21	71.26	83.53	30.51	13.071	57.294	16.869	2.58	71.26
2.47	1.20	73.07	84.73	31.11	12.834	57.448	17.020	2.56	73.07
2.48	1.20	74.88	85.93	31.72	12.599	57.599	17.172	2.57	74.88
2.49	1.19	76.68	87.12	32.33	12.367	57.746	17.323	2.55	76.68
2.50	1.19	78.47	88.31	32.96	12.138	57.891	17.476	2.56	78.47
2.51	1.18	80.25	89.49	33.58	11.912	58.031	17.628	2.56	80.25
2.52	1.18	82.03	90.67	34.21	11.690	58.169	17.781	2.55	82.03
2.53	1.17	83.80	91.84	34.84	11.471	58.303	17.933	2.54	83.80
2.54	1.17	85.56	93.01	35.48	11.257	58.435	18.085	2.54	85.56
2.55	1.17	87.32	94.18	36.12	11.048	58.564	18.238	2.55	87.32
2.56	1.16	89.07	95.34	36.77	10.844	58.690	18.390	2.53	89.07
2.57	1.16	90.81	96.50	37.42	10.646	58.814	18.542	2.54	90.81
2.58	1.15	92.55	97.65	38.07	10.453	58.934	18.693	2.52	92.55
2.59	1.15	94.28	98.80	38.72	10.267	59.052	18.844	2.53	94.28
2.60	1.14	96.00	99.94	39.37	10.087	59.167	18.994	2.51	96.00

		CLEAN COAL ASH %	18.99	REFUSE ASH %	68.91
HEAD ASH %	39.37	CLEAN COAL YIELD%	59.17	REFUSE YIELD%	40.83
THEO. YIELD	63.98	ECART PROB. MOYEN	0.1800		
SG OF SEPARATION	2.302	IMPERFECTION	0.202		
NEAR GRAVITY MAT	15.857				
ORGANIC EFFCY.	92.62				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 43 WID: WA1 EQUIPE JIG SG-ASH 0.00 EP 1.000 SG 0.00
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.79 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.32	0.29	0.32	0.29	100.000	0.320	0.290	0.0	0.29
1.25	0.32	0.56	0.64	0.42	100.000	0.640	0.425	0.0	0.56
1.26	0.32	0.83	0.96	0.56	100.000	0.960	0.560	0.0	0.83
1.27	0.32	1.11	1.28	0.70	100.000	1.280	0.698	0.0	1.11
1.28	0.31	1.37	1.59	0.83	100.000	1.590	0.829	0.0	1.37
1.29	0.31	1.64	1.90	0.96	100.000	1.900	0.961	0.0	1.64
1.30	0.31	1.90	2.21	1.09	100.000	2.210	1.093	0.0	1.90
1.31	0.31	2.17	2.52	1.23	100.000	2.520	1.225	0.0	2.17
1.32	0.30	2.60	2.82	1.37	100.000	2.820	1.371	0.0	2.60
1.33	0.30	3.21	3.12	1.55	100.000	3.120	1.548	0.0	3.21
1.34	0.30	3.82	3.42	1.75	100.000	3.420	1.748	0.0	3.82
1.35	0.30	4.42	3.72	1.96	100.000	3.720	1.963	0.0	4.42
1.36	0.29	5.01	4.01	2.18	100.000	4.010	2.183	0.0	5.01
1.37	0.29	5.60	4.30	2.41	100.000	4.300	2.414	0.0	5.60
1.38	0.29	6.19	4.59	2.65	100.000	4.590	2.652	0.0	6.19
1.39	0.29	6.77	4.88	2.90	100.000	4.880	2.897	0.0	6.77
1.40	0.29	7.35	5.17	3.15	99.941	5.170	3.147	0.00	7.35
1.41	2.44	7.50	7.61	4.54	99.865	7.607	4.541	0.01	7.50
1.42	2.65	7.65	10.26	5.35	99.771	10.250	5.343	0.02	7.65
1.43	2.81	7.80	13.07	5.87	99.663	13.051	5.870	0.04	7.80
1.44	2.92	7.95	15.99	6.25	99.540	15.958	6.249	0.05	7.95
1.45	2.98	8.10	18.97	6.54	99.405	18.920	6.539	0.07	8.10
1.46	2.99	8.90	21.96	7.00	99.257	21.858	6.995	0.09	8.90
1.47	2.95	11.68	24.91	7.55	99.099	24.811	7.547	0.10	11.68
1.48	2.86	13.46	27.77	8.16	98.807	27.637	8.151	0.13	13.46
1.49	2.73	15.22	30.50	8.79	98.571	30.328	8.779	0.15	15.22
1.50	2.64	16.97	33.04	9.42	98.300	32.825	9.402	0.17	16.97
1.51	2.49	18.54	35.53	10.06	98.000	35.265	10.034	0.20	18.54
1.52	2.59	20.09	38.12	10.74	97.658	37.794	10.707	0.24	20.09
1.53	2.63	21.63	40.75	11.45	97.260	40.352	11.399	0.28	21.63
1.54	2.60	23.17	43.35	12.15	96.815	42.869	12.091	0.33	23.17
1.55	2.52	24.69	45.87	12.84	96.330	45.297	12.766	0.36	24.69
1.56	2.38	25.03	48.25	13.44	95.814	47.677	13.354	0.39	25.03
1.57	2.18	25.36	50.43	13.95	95.275	49.654	13.856	0.40	25.36
1.58	1.92	25.70	52.35	14.39	94.723	51.473	14.274	0.40	25.70
1.59	1.60	26.03	53.95	14.73	94.408	52.983	14.609	0.35	26.03
1.60	1.22	26.36	55.17	14.99	93.740	54.127	14.858	0.30	26.36
1.61	0.96	26.88	56.13	15.19	92.995	55.020	15.053	0.26	26.88
1.62	0.87	27.39	57.00	15.38	92.174	55.822	15.230	0.27	27.39
1.63	0.80	27.90	57.80	15.55	91.278	56.552	15.394	0.27	27.90
1.64	0.74	28.41	58.54	15.71	90.306	57.220	15.546	0.28	28.41
1.65	0.71	28.91	59.25	15.87	88.930	57.852	15.691	0.31	28.91
1.66	0.69	29.33	59.94	16.03	87.788	58.457	15.833	0.33	29.33
1.67	0.70	29.74	60.64	16.18	86.578	59.063	15.976	0.37	29.74
1.68	0.72	30.15	61.36	16.35	85.306	59.678	16.121	0.42	30.15
1.69	0.76	30.56	62.12	16.52	83.979	60.316	16.274	0.48	30.56
1.70	0.82	30.96	62.94	16.71	82.601	60.993	16.437	0.55	30.96
1.71	0.88	31.12	63.82	16.91	81.178	61.708	16.607	[illegible]	31.12
1.72	0.92	31.27	64.74	17.11	79.717	62.441	16.779	[illegible]	31.27

1.73	0.94	31.42	65.68	17.32	78.222	63.176	16.950	0.80	31.42
1.74	0.95	31.57	66.63	17.52	76.700	63.905	17.117	0.87	31.57
1.75	0.95	31.72	67.58	17.72	75.155	64.619	17.278	0.93	31.72
1.76	0.93	32.93	68.51	17.93	73.393	65.301	17.442	0.97	32.93
1.77	0.90	34.13	69.41	18.14	71.693	65.947	17.605	1.00	34.13
1.78	0.86	35.33	70.27	18.35	69.915	66.548	17.765	1.02	35.33
1.79	0.81	36.51	71.08	18.55	68.076	67.099	17.919	1.02	36.51
1.80	0.74	37.70	71.82	18.75	66.192	67.589	18.062	0.98	37.70
1.81	0.67	38.92	72.49	18.94	64.279	68.020	18.194	0.94	38.92
1.82	0.60	40.14	73.09	19.11	62.352	68.394	18.314	0.89	40.14
1.83	0.53	41.36	73.62	19.27	60.429	68.714	18.422	0.82	41.36
1.84	0.47	42.56	74.09	19.42	58.525	68.989	18.518	0.77	42.56
1.85	0.42	43.76	74.51	19.56	56.655	69.227	18.605	0.72	43.76
1.86	0.38	44.09	74.89	19.68	54.837	69.436	18.681	0.67	44.09
1.87	0.34	44.41	75.23	19.79	53.085	69.616	18.748	0.63	44.41
1.88	0.31	44.73	75.54	19.90	51.417	69.776	18.807	0.59	44.73
1.89	0.29	45.05	75.83	19.99	49.848	69.920	18.862	0.57	45.05
1.90	0.27	45.36	76.10	20.08	48.488	70.051	18.911	0.55	45.36
1.91	0.26	45.70	76.36	20.17	47.003	70.173	18.958	0.54	45.70
1.92	0.26	46.03	76.62	20.26	45.547	70.292	19.003	0.56	46.03
1.93	0.25	46.35	76.87	20.34	44.120	70.402	19.046	0.55	46.35
1.94	0.25	46.68	77.12	20.43	42.725	70.509	19.088	0.56	46.68
1.95	0.25	47.01	77.37	20.51	41.363	70.612	19.129	0.58	47.01
1.96	0.25	48.05	77.62	20.60	40.034	70.712	19.170	0.59	48.05
1.97	0.25	49.09	77.87	20.69	38.741	70.809	19.211	0.60	49.09
1.98	0.25	50.13	78.12	20.79	37.484	70.903	19.252	0.61	50.13
1.99	0.26	51.16	78.38	20.89	36.265	70.997	19.294	0.65	51.16
2.00	0.26	52.18	78.64	20.99	35.085	71.088	19.336	0.66	52.18
2.01	0.18	52.98	78.82	21.06	33.946	71.149	19.365	0.47	52.98
2.02	0.19	53.77	79.01	21.14	32.848	71.212	19.395	0.50	53.77
2.03	0.20	54.56	79.21	21.23	31.793	71.275	19.427	0.54	54.56
2.04	0.20	55.34	79.41	21.31	30.783	71.337	19.458	0.54	55.34
2.05	0.20	56.12	79.61	21.40	29.818	71.397	19.488	0.55	56.12
2.06	0.45	56.12	80.06	21.60	28.901	71.527	19.555	1.26	56.12
2.07	0.42	56.12	80.48	21.78	28.031	71.644	19.615	1.19	56.12
2.08	0.37	56.12	80.85	21.93	27.212	71.745	19.666	1.06	56.12
2.09	0.31	56.12	81.16	22.06	26.443	71.827	19.708	0.90	56.12
2.10	0.24	56.12	81.40	22.16	25.726	71.889	19.739	0.70	56.12
2.11	0.14	56.13	81.54	22.22	25.063	71.924	19.757	0.41	56.13
2.12	0.13	56.13	81.67	22.28	24.381	71.956	19.773	0.39	56.13
2.13	0.13	56.13	81.80	22.33	23.786	71.987	19.789	0.39	56.13
2.14	0.13	56.14	81.93	22.38	23.218	72.017	19.804	0.39	56.14
2.15	0.12	56.14	82.05	22.43	22.676	72.044	19.818	0.36	56.14
2.16	0.12	56.49	82.17	22.48	22.164	72.070	19.831	0.37	56.49
2.17	0.12	56.84	82.29	22.53	21.682	72.097	19.844	0.37	56.84
2.18	0.12	57.18	82.41	22.58	21.232	72.122	19.858	0.37	57.18
2.19	0.12	57.52	82.53	22.63	20.817	72.147	19.871	0.37	57.52
2.20	0.12	57.87	82.65	22.69	20.438	72.171	19.884	0.38	57.87
2.21	0.13	58.06	82.78	22.74	20.095	72.198	19.897	0.41	58.06
2.22	0.12	58.25	82.90	22.79	19.688	72.221	19.910	0.38	58.25
2.23	0.12	58.45	83.02	22.84	19.375	72.244	19.922	0.38	58.45
2.24	0.12	58.64	83.14	22.90	19.062	72.267	19.935	0.38	58.64
2.25	0.12	58.83	83.26	22.95	18.749	72.290	19.947	0.38	58.83
2.26	0.12	59.27	83.38	23.00	18.437	72.312	19.959	0.38	59.27
2.27	0.12	59.71	83.50	23.05	18.127	72.334	19.971	0.39	59.71
2.28	0.12	60.14	83.62	23.11	17.819	72.355	19.983	0.39	60.14
2.29	0.12	60.58	83.74	23.16	17.515	72.376	19.994	0.39	60.58
2.30	0.13	61.01	83.87	23.22	17.214	72.399	20.007	0.42	61.01
2.31	0.61	61.01	84.48	23.49	16.917	72.502	20.065	1.99	61.01
2.32	0.61	61.01	85.09	23.76	16.626	72.603	20.123	2.00	61.01
2.33	0.61	61.01	85.70	24.03	16.341	72.703	20.179	2.01	61.01
2.34	0.60	61.01	86.30	24.28	16.062	72.799	20.233	1.98	61.01

2.35	0.60	61.01	86.90	24.54	15.790	72.894	20.286	1.99	61.01
2.36	0.60	61.01	87.50	24.79	15.526	72.987	20.338	1.99	61.01
2.37	0.60	61.01	88.10	25.03	15.270	73.079	20.389	2.00	61.01
2.38	0.59	61.01	88.69	25.27	15.024	73.167	20.438	1.97	61.01
2.39	0.59	61.01	89.28	25.51	14.759	73.254	20.486	1.98	61.01
2.40	0.59	61.01	89.87	25.74	14.517	73.340	20.534	1.98	61.01
2.41	0.59	61.01	90.46	25.97	14.275	73.424	20.580	1.99	61.01
2.42	0.58	61.01	91.04	26.19	14.033	73.506	20.625	1.96	61.01
2.43	0.58	61.01	91.62	26.42	13.791	73.586	20.669	1.97	61.01
2.44	0.58	61.01	92.20	26.63	13.550	73.664	20.712	1.97	61.01
2.45	0.58	61.01	92.78	26.85	13.310	73.741	20.754	1.98	61.01
2.46	0.49	63.41	93.27	27.04	13.071	73.806	20.791	1.67	63.41
2.47	0.49	65.80	93.76	27.24	12.834	73.868	20.829	1.68	65.80
2.48	0.49	68.18	94.25	27.46	12.599	73.930	20.869	1.68	68.18
2.49	0.48	70.55	94.73	27.67	12.367	73.989	20.909	1.65	70.55
2.50	0.48	72.91	95.21	27.90	12.138	74.048	20.950	1.66	72.91
2.51	0.48	75.26	95.69	28.14	11.912	74.105	20.991	1.66	75.26
2.52	0.48	77.60	96.17	28.39	11.690	74.161	21.034	1.67	77.60
2.53	0.48	79.93	96.65	28.64	11.471	74.216	21.078	1.67	79.93
2.54	0.47	82.25	97.12	28.90	11.257	74.269	21.122	1.64	82.25
2.55	0.47	84.57	97.59	29.17	11.048	74.321	21.166	1.64	84.57
2.56	0.47	86.87	98.06	29.45	10.844	74.372	21.211	1.65	86.87
2.57	0.47	89.17	98.53	29.73	10.646	74.422	21.257	1.65	89.17
2.58	0.47	91.45	99.00	30.02	10.453	74.471	21.303	1.65	91.45
2.59	0.46	93.73	99.46	30.32	10.267	74.518	21.349	1.62	93.73
2.60	0.46	96.00	99.92	30.62	10.087	74.565	21.395	1.63	96.00

HEAD ASH %	30.62	CLEAN COAL ASH %	21.40	REFUSE ASH %	57.67
THEO. YIELD	79.60	CLEAN COAL YIELD%	74.56	REFUSE YIELD%	25.44
SG OF SEPARATION	2.049	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	4.689	IMPERFECTION	0.202		
ORGANIC EFFCY.	93.68				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC.DDH82006 SID: 45 WID: WA1 EQUIPE JIG SG-ASH -0.00 EP 1.890 SG 0.00
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X .0.60 RELATIVE WT% - 82.45 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM WT%	CLEAN COAL CUM ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.33	0.25	0.33	0.25	100.000	0.330	0.250	0.0	0.25
1.25	0.32	0.49	0.65	0.37	100.000	0.650	0.368	0.0	0.49
1.26	0.32	0.72	0.97	0.48	100.000	0.970	0.484	0.0	0.72
1.27	0.32	0.96	1.29	0.60	100.000	1.290	0.602	0.0	0.96
1.28	0.32	1.19	1.61	0.72	100.000	1.610	0.719	0.0	1.19
1.29	0.31	1.42	1.92	0.83	100.000	1.920	0.832	0.0	1.42
1.30	0.31	1.65	2.23	0.95	100.000	2.230	0.946	0.0	1.65
1.31	0.31	1.88	2.54	1.06	100.000	2.540	1.060	0.0	1.88
1.32	0.31	2.26	2.85	1.19	100.000	2.850	1.190	0.0	2.26
1.33	0.30	2.80	3.15	1.34	100.000	3.150	1.344	0.0	2.80
1.34	0.30	3.34	3.45	1.52	100.000	3.450	1.517	0.0	3.34
1.35	0.30	3.87	3.75	1.71	100.000	3.750	1.706	0.0	3.87
1.36	0.30	4.40	4.05	1.91	100.000	4.050	1.905	0.0	4.40
1.37	0.30	4.92	4.35	2.11	100.000	4.350	2.113	0.0	4.92
1.38	0.29	5.44	4.64	2.32	100.000	4.640	2.321	0.0	5.44
1.39	0.29	5.96	4.93	2.54	100.000	4.930	2.535	0.0	5.96
1.40	0.29	6.47	5.22	2.75	99.941	5.220	2.754	0.00	6.47
1.41	2.16	6.78	7.38	3.93	99.865	7.377	3.931	0.01	6.78
1.42	2.37	7.09	9.75	4.70	99.771	9.741	4.698	0.02	7.09
1.43	2.52	7.39	12.27	5.25	99.663	12.253	5.250	0.04	7.39
1.44	2.63	7.69	14.90	5.66	99.540	14.871	5.679	0.05	7.69
1.45	2.68	7.99	17.58	6.03	99.405	17.535	6.030	0.07	7.99
1.46	2.68	9.18	20.26	6.45	99.257	20.195	6.445	0.08	9.18
1.47	2.62	10.36	22.88	6.90	99.099	22.791	6.891	0.10	10.36
1.48	2.52	11.53	25.40	7.36	98.807	25.281	7.348	0.13	11.53
1.49	2.36	12.69	27.76	7.81	98.571	27.608	7.798	0.14	12.69
1.50	2.15	13.84	29.91	8.24	98.300	29.721	8.228	0.15	13.84
1.51	2.03	14.75	31.94	8.66	98.000	31.711	8.637	0.17	14.75
1.52	2.03	15.66	33.97	9.08	97.658	33.693	9.050	0.20	15.66
1.53	2.02	16.56	35.99	9.50	97.260	35.658	9.464	0.23	16.56
1.54	2.01	17.45	38.00	9.92	96.815	37.604	9.877	0.27	17.45
1.55	1.98	18.33	39.98	10.33	96.330	39.511	10.285	0.30	18.33
1.56	1.95	18.97	41.93	10.74	95.814	41.379	10.677	0.34	18.97
1.57	1.91	19.59	43.84	11.12	95.275	43.199	11.053	0.38	19.59
1.58	1.87	20.22	45.71	11.49	94.723	44.970	11.414	0.41	20.22
1.59	1.81	20.84	47.52	11.85	94.408	46.679	11.759	0.42	20.84
1.60	1.75	21.45	49.27	12.19	93.740	48.320	12.088	0.46	21.45
1.61	1.70	22.03	50.97	12.52	92.995	49.901	12.403	0.50	22.03
1.62	1.67	22.61	52.64	12.84	92.174	51.440	12.708	0.55	22.61
1.63	1.63	23.18	54.27	13.16	91.278	52.928	13.003	0.59	23.18
1.64	1.59	23.75	55.86	13.45	90.306	54.364	13.287	0.64	23.75
1.65	1.54	24.32	57.40	13.74	88.930	55.733	13.558	0.71	24.32
1.66	1.48	25.04	58.88	14.03	87.788	57.032	13.819	0.75	25.04
1.67	1.41	25.75	60.29	14.30	86.578	58.253	14.069	0.79	25.75
1.68	1.34	26.46	61.63	14.57	85.306	59.396	14.308	0.82	26.46
1.69	1.27	27.16	62.90	14.82	83.979	60.463	14.535	0.86	27.16
1.70	1.18	27.86	64.08	15.06	82.601	61.437	14.746	0.86	27.86
1.71	1.11	28.36	65.19	15.29	81.178	62.338	14.943	0.87	28.36
1.72	1.07	28.85	66.26	15.51	79.717	63.191	15.130	0.91	28.85

1.73	1.02	29.35	67.28	15.71	78.222	63.989	15.308	0.93	29.35
1.74	0.98	29.83	68.26	15.92	76.700	64.741	15.476	0.95	29.83
1.75	0.93	30.32	69.19	16.11	75.155	65.440	15.635	0.96	30.32
1.76	0.89	31.49	70.08	16.31	73.593	66.093	15.792	0.99	31.49
1.77	0.85	32.64	70.93	16.50	71.693	66.702	15.946	1.00	32.64
1.78	0.82	33.80	71.75	16.70	69.915	67.276	16.098	1.03	33.80
1.79	0.78	34.94	72.53	16.90	68.076	67.807	16.245	1.04	34.94
1.80	0.75	36.08	73.28	17.09	66.192	68.303	16.389	1.06	36.08
1.81	0.74	37.17	74.02	17.29	64.279	68.779	16.533	1.10	37.17
1.82	0.73	38.26	74.75	17.50	62.352	69.234	16.676	1.15	38.26
1.83	0.72	39.34	75.47	17.71	60.429	69.669	16.817	1.19	39.34
1.84	0.70	40.42	76.17	17.91	58.525	70.079	16.955	1.21	40.42
1.85	0.68	41.48	76.85	18.12	56.655	70.464	17.090	1.23	41.48
1.86	0.64	41.97	77.49	18.32	54.837	70.815	17.213	1.21	41.97
1.87	0.60	42.46	78.09	18.51	53.085	71.134	17.326	1.18	42.46
1.88	0.56	42.94	78.65	18.68	51.417	71.421	17.429	1.14	42.94
1.89	0.50	43.42	79.15	18.84	49.848	71.671	17.520	1.05	43.42
1.90	0.44	43.90	79.59	18.97	48.488	71.884	17.598	0.95	43.90
1.91	0.40	44.43	79.99	19.10	47.003	72.072	17.668	0.89	44.43
1.92	0.38	44.97	80.37	19.22	45.547	72.245	17.733	0.86	44.97
1.93	0.37	45.50	80.74	19.34	44.120	72.408	17.796	0.86	45.50
1.94	0.35	46.03	81.09	19.46	42.725	72.558	17.854	0.84	46.03
1.95	0.33	46.56	81.42	19.57	41.363	72.694	17.908	0.81	46.56
1.96	0.31	47.01	81.73	19.67	40.034	72.819	17.958	0.78	47.01
1.97	0.29	47.46	82.02	19.77	38.741	72.931	18.003	0.74	47.46
1.98	0.27	47.91	82.29	19.86	37.484	73.032	18.044	0.70	47.91
1.99	0.24	48.35	82.53	19.95	36.265	73.119	18.081	0.64	48.35
2.00	0.22	48.79	82.75	20.02	35.085	73.196	18.113	0.60	48.79
2.01	0.21	49.17	82.96	20.10	33.946	73.268	18.143	0.58	49.17
2.02	0.21	49.55	83.17	20.17	32.848	73.337	18.173	0.59	49.55
2.03	0.21	49.92	83.38	20.25	31.793	73.403	18.202	0.60	49.92
2.04	0.21	50.30	83.59	20.32	30.783	73.468	18.230	0.61	50.30
2.05	0.20	50.67	83.79	20.39	29.818	73.528	18.256	0.59	50.67
2.06	0.20	51.25	83.99	20.47	28.901	73.585	18.282	0.59	51.25
2.07	0.20	51.82	84.19	20.54	28.031	73.641	18.308	0.60	51.82
2.08	0.20	52.39	84.39	20.62	27.212	73.696	18.333	0.61	52.39
2.09	0.20	52.97	84.59	20.69	26.443	73.749	18.358	0.61	52.97
2.10	0.20	53.53	84.79	20.77	25.726	73.800	18.382	0.62	53.53
2.11	0.20	53.81	84.99	20.85	25.063	73.850	18.406	0.63	53.81
2.12	0.19	54.08	85.18	20.92	24.381	73.897	18.429	0.60	54.08
2.13	0.19	54.35	85.37	21.00	23.786	73.942	18.450	0.60	54.35
2.14	0.19	54.62	85.56	21.07	23.218	73.986	18.472	0.61	54.62
2.15	0.19	54.89	85.75	21.15	22.676	74.029	18.493	0.61	54.89
2.16	0.19	55.90	85.94	21.22	22.164	74.071	18.515	0.62	55.90
2.17	0.19	56.91	86.13	21.30	21.682	74.112	18.536	0.62	56.91
2.18	0.19	57.91	86.32	21.38	21.232	74.153	18.557	0.62	57.91
2.19	0.19	58.91	86.51	21.47	20.817	74.192	18.579	0.63	58.91
2.20	0.19	59.90	86.70	21.55	20.438	74.231	18.600	0.63	59.90
2.21	0.16	60.82	86.86	21.62	20.095	74.263	18.619	0.53	60.82
2.22	0.13	61.74	86.99	21.68	19.688	74.289	18.634	0.44	61.74
2.23	0.09	62.65	87.08	21.73	19.375	74.306	18.644	0.30	62.65
2.24	0.07	63.56	87.15	21.76	19.062	74.320	18.652	0.24	63.56
2.25	0.06	64.47	87.21	21.79	18.749	74.331	18.659	0.20	64.47
2.26	0.06	65.04	87.27	21.82	18.437	74.342	18.666	0.20	65.04
2.27	0.07	65.61	87.34	21.85	18.127	74.355	18.674	0.24	65.61
2.28	0.09	66.17	87.43	21.90	17.819	74.371	18.684	0.31	66.17
2.29	0.11	66.74	87.54	21.96	17.515	74.390	18.696	0.38	66.74
2.30	0.15	67.30	87.69	22.03	17.214	74.416	18.713	0.52	67.30
2.31	0.43	67.33	88.12	22.25	16.917	74.488	18.761	1.49	67.33
2.32	0.43	67.37	88.55	22.47	16.626	74.560	18.807	1.50	67.37
2.33	.43	67.40	88.98	22.69	16.341	74.630	18.853	0	67.40
2.34	.43	67.44	89.41	22.91	16.062	74.699	18.898	1	67.44

2.35	0.43	67.47	89.84	23.12	15.790	74.767	18.942	1.51	67.47
2.36	0.42	67.51	90.26	23.33	15.526	74.832	18.985	1.48	67.51
2.37	0.42	67.54	90.68	23.53	15.270	74.897	19.026	1.49	67.54
2.38	0.42	67.58	91.10	23.73	15.024	74.960	19.067	1.49	67.58
2.39	0.42	67.61	91.52	23.93	14.769	75.022	19.107	1.49	67.61
2.40	0.42	67.64	91.94	24.13	14.517	75.083	19.147	1.50	67.64
2.41	0.42	67.68	92.36	24.33	14.275	75.143	19.185	1.50	67.68
2.42	0.41	67.71	92.77	24.52	14.033	75.200	19.222	1.47	67.71
2.43	0.41	67.75	93.18	24.71	13.791	75.257	19.259	1.48	67.75
2.44	0.41	67.78	93.59	24.90	13.550	75.312	19.295	1.48	67.78
2.45	0.41	67.81	94.00	25.09	13.310	75.367	19.330	1.48	67.81
2.46	0.41	69.74	94.41	25.28	13.071	75.420	19.366	1.49	69.74
2.47	0.41	71.67	94.82	25.48	12.834	75.473	19.402	1.49	71.67
2.48	0.40	73.59	95.22	25.69	12.599	75.523	19.438	1.46	73.59
2.49	0.40	75.49	95.62	25.89	12.367	75.573	19.475	1.46	75.49
2.50	0.40	77.40	96.02	26.11	12.138	75.621	19.512	1.47	77.40
2.51	0.40	79.29	96.42	26.33	11.912	75.669	19.550	1.47	79.29
2.52	0.40	81.18	96.82	26.56	11.690	75.716	19.588	1.48	81.18
2.53	0.40	83.05	97.22	26.79	11.471	75.762	19.626	1.48	83.05
2.54	0.39	84.93	97.61	27.02	11.257	75.806	19.664	1.45	84.93
2.55	0.39	86.79	98.00	27.26	11.048	75.849	19.702	1.45	86.79
2.56	0.39	88.65	98.39	27.50	10.844	75.891	19.741	1.45	88.65
2.57	0.39	90.49	98.78	27.75	10.646	75.933	19.779	1.46	90.49
2.58	0.39	92.34	99.17	28.01	10.453	75.973	19.818	1.46	92.34
2.59	0.39	94.17	99.56	28.26	10.267	76.013	19.857	1.46	94.17
2.60	0.39	96.00	99.95	28.53	10.087	76.053	19.897	1.46	96.00

		CLEAN COAL ASH %	19.90	REFUSE ASH %	55.94
HEAD ASH %	28.53	CLEAN COAL YIELD%	76.05	REFUSE YIELD%	23.95
THEO. YIELD	82.38	ECART PROB. MOYEN	0.1800		
SG OF SEPARATION	1.984	IMPERFECTION	0.202		
NEAR GRAVITY MAT	5.623				
ORGANIC EFFCY.	92.32				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 46 WID: WA1 EQUIPE JIG SG-ASH 1.89 EP19.000 SG 0.00
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 62.74 ASH% - 0.0

SG-TMP	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.22	0.10	0.22	0.10	100.000	0.220	0.100	0.0	0.10
1.25	0.34	0.18	0.56	0.15	100.000	0.560	0.149	0.0	0.18
1.26	0.46	0.27	1.02	0.20	100.000	1.020	0.203	0.0	0.27
1.27	0.58	0.36	1.60	0.26	100.000	1.600	0.260	0.0	0.36
1.28	0.70	0.44	2.30	0.31	100.000	2.300	0.315	0.0	0.44
1.29	0.83	0.53	3.13	0.37	100.000	3.130	0.372	0.0	0.53
1.30	0.96	0.61	4.09	0.43	100.000	4.090	0.428	0.0	0.61
1.31	1.09	0.69	5.18	0.48	100.000	5.180	0.483	0.0	0.69
1.32	1.23	1.08	6.41	0.60	100.000	6.410	0.598	0.0	1.08
1.33	1.37	1.78	7.78	0.81	100.000	7.780	0.806	0.0	1.78
1.34	1.52	2.46	9.30	1.08	100.000	9.300	1.076	0.0	2.46
1.35	1.66	3.15	10.96	1.39	100.000	10.960	1.390	0.0	3.15
1.36	1.81	3.82	12.77	1.73	100.000	12.770	1.735	0.0	3.82
1.37	1.97	4.50	14.74	2.10	100.000	14.740	2.104	0.0	4.50
1.38	2.12	5.16	16.86	2.49	100.000	16.860	2.488	0.0	5.16
1.39	2.28	5.83	19.14	2.89	100.000	19.140	2.887	0.0	5.83
1.40	2.45	6.49	21.59	3.30	99.941	21.589	3.295	0.01	6.49
1.41	2.81	6.62	24.40	3.68	99.865	24.395	3.678	0.03	6.62
1.42	3.29	6.76	27.69	4.04	99.771	27.677	4.043	0.05	6.76
1.43	3.64	6.89	31.33	4.38	99.663	31.305	4.373	0.09	6.89
1.44	3.87	7.02	35.20	4.67	99.540	35.157	4.663	0.13	7.02
1.45	3.98	7.15	39.18	4.92	99.405	39.113	4.915	0.17	7.15
1.46	3.96	8.17	43.14	5.22	99.257	43.044	5.212	0.22	8.17
1.47	3.82	9.19	46.96	5.54	99.099	46.830	5.534	0.25	9.19
1.48	3.56	10.20	50.52	5.87	98.807	50.347	5.860	0.31	10.20
1.49	3.17	11.20	53.69	6.18	98.571	53.472	6.172	0.33	11.20
1.50	2.66	12.19	56.35	6.47	98.300	56.087	6.452	0.33	12.19
1.51	2.33	13.24	58.68	6.74	98.000	58.370	6.718	0.34	13.24
1.52	2.26	14.29	60.94	7.02	97.658	60.577	6.994	0.39	14.29
1.53	2.18	15.32	63.12	7.30	97.260	62.697	7.275	0.44	15.32
1.54	2.08	16.35	65.20	7.59	96.815	64.711	7.558	0.48	16.35
1.55	1.96	17.38	67.16	7.88	96.330	66.599	7.836	0.53	17.38
1.56	1.82	18.09	68.98	8.15	95.814	68.343	8.098	0.56	18.09
1.57	1.67	18.80	70.65	8.40	95.275	69.934	8.341	0.58	18.80
1.58	1.50	19.50	72.15	8.63	94.723	71.355	8.563	0.58	19.50
1.59	1.31	20.20	73.46	8.84	94.408	72.592	8.762	0.54	20.20
1.60	1.11	20.89	74.57	9.01	93.740	73.632	8.933	0.51	20.89
1.61	1.00	21.71	75.57	9.18	92.995	74.562	9.092	0.51	21.71
1.62	0.98	22.52	76.55	9.35	92.174	75.465	9.253	0.56	22.52
1.63	0.95	23.32	77.50	9.52	91.278	76.333	9.413	0.61	23.32
1.64	0.91	24.12	78.41	9.69	90.306	77.154	9.570	0.65	24.12
1.65	0.85	24.92	79.26	9.86	88.930	77.910	9.719	0.69	24.92
1.66	0.78	25.37	80.04	10.01	87.788	78.595	9.855	0.70	25.37
1.67	0.70	25.82	80.74	10.15	86.578	79.201	9.977	0.69	25.82
1.68	0.60	26.26	81.34	10.26	85.306	79.713	10.082	0.64	26.26
1.69	0.49	26.70	81.83	10.36	83.979	80.124	10.167	0.57	26.70
1.70	0.37	27.14	82.20	10.44	82.601	80.430	10.231	0.47	27.14
1.71	0.11	27.64	82.51	10.50	81.178	80.682	10.286	0.31	27.64
1.72	0.30	28.12	82.81	10.57	79.717	80.921	10.338	0.3	28.12

1.73	0.30	28.61	83.11	10.63	78.222	81.156	10.391	0.48	28.61
1.74	0.30	29.09	83.41	10.70	76.700	81.386	10.444	0.51	29.09
1.75	0.29	29.57	83.70	10.76	75.155	81.604	10.495	0.53	29.57
1.76	0.28	30.16	83.98	10.83	73.393	81.809	10.545	0.54	30.16
1.77	0.27	30.74	84.25	10.89	71.693	82.003	10.592	0.56	30.74
1.78	0.26	31.31	84.51	10.96	69.915	82.184	10.638	0.57	31.31
1.79	0.25	31.89	84.76	11.02	68.076	82.355	10.682	0.58	31.89
1.80	0.24	32.46	85.00	11.08	66.192	82.513	10.724	0.59	32.46
1.81	0.23	32.83	85.23	11.14	64.279	82.661	10.763	0.60	32.83
1.82	0.23	33.19	85.46	11.20	62.352	82.805	10.802	0.63	33.19
1.83	0.23	33.56	85.69	11.26	60.429	82.944	10.840	0.67	33.56
1.84	0.23	33.92	85.92	11.32	58.525	83.078	10.878	0.70	33.92
1.85	0.23	34.28	86.15	11.38	56.655	83.209	10.914	0.73	34.28
1.86	0.23	35.13	86.38	11.44	54.837	83.335	10.951	0.76	35.13
1.87	0.22	35.98	86.60	11.50	53.085	83.452	10.986	0.75	35.98
1.88	0.22	36.82	86.82	11.57	51.417	83.565	11.021	0.78	36.82
1.89	0.21	37.65	87.03	11.63	49.848	83.669	11.054	0.77	37.65
1.90	0.21	38.48	87.24	11.69	48.488	83.771	11.088	0.79	38.48
1.91	0.20	39.13	87.44	11.76	47.003	83.865	11.119	0.78	39.13
1.92	0.19	39.77	87.63	11.82	45.547	83.952	11.149	0.76	39.77
1.93	0.19	40.41	87.82	11.88	44.120	84.036	11.178	0.78	40.41
1.94	0.19	41.04	88.01	11.94	42.725	84.117	11.207	0.80	41.04
1.95	0.18	41.68	88.19	12.00	41.363	84.191	11.234	0.77	41.68
1.96	0.18	42.10	88.37	12.06	40.034	84.263	11.260	0.79	42.10
1.97	0.18	42.52	88.55	12.13	38.741	84.333	11.286	0.81	42.52
1.98	0.18	42.94	88.73	12.19	37.484	84.400	11.311	0.82	42.94
1.99	0.17	43.36	88.90	12.25	36.265	84.462	11.335	0.79	43.36
2.00	0.17	43.77	89.07	12.31	35.085	84.522	11.358	0.81	43.77
2.01	0.17	44.17	89.24	12.37	33.946	84.579	11.380	0.82	44.17
2.02	0.16	44.56	89.40	12.43	32.848	84.632	11.401	0.79	44.56
2.03	0.15	44.95	89.55	12.48	31.793	84.680	11.419	0.75	44.95
2.04	0.15	45.34	89.70	12.54	30.783	84.726	11.438	0.76	45.34
2.05	0.14	45.72	89.84	12.59	29.818	84.768	11.455	0.72	45.72
2.06	0.13	46.18	89.97	12.64	28.901	84.805	11.470	0.68	46.18
2.07	0.13	46.64	90.10	12.69	28.031	84.842	11.485	0.68	46.64
2.08	0.13	47.09	90.23	12.74	27.212	84.877	11.500	0.69	47.09
2.09	0.13	47.55	90.36	12.79	26.443	84.911	11.515	0.70	47.55
2.10	0.13	48.00	90.49	12.84	25.726	84.945	11.529	0.71	48.00
2.11	0.04	48.42	90.53	12.85	25.063	84.955	11.533	0.22	48.42
2.12	0.04	48.85	90.57	12.87	24.381	84.965	11.538	0.22	48.85
2.13	0.04	49.27	90.61	12.88	23.786	84.974	11.542	0.22	49.27
2.14	0.04	49.70	90.65	12.90	23.218	84.983	11.546	0.22	49.70
2.15	0.03	50.12	90.68	12.91	22.676	84.990	11.549	0.17	50.12
2.16	0.03	50.53	90.71	12.93	22.164	84.997	11.552	0.17	50.53
2.17	0.03	50.95	90.74	12.94	21.682	85.003	11.555	0.17	50.95
2.18	0.03	51.36	90.77	12.95	21.232	85.010	11.558	0.17	51.36
2.19	0.03	51.78	90.80	12.96	20.817	85.016	11.561	0.17	51.78
2.20	0.03	52.19	90.83	12.98	20.438	85.022	11.564	0.17	52.19
2.21	0.03	52.56	90.86	12.99	20.095	85.028	11.567	0.18	52.56
2.22	0.03	52.94	90.89	13.00	19.688	85.034	11.570	0.18	52.94
2.23	0.03	53.31	90.92	13.02	19.375	85.040	11.573	0.18	53.31
2.24	0.03	53.68	90.95	13.03	19.062	85.046	11.576	0.18	53.68
2.25	0.03	54.05	90.98	13.04	18.749	85.051	11.578	0.18	54.05
2.26	0.03	54.42	91.01	13.06	18.437	85.057	11.581	0.18	54.42
2.27	0.03	54.79	91.04	13.07	18.127	85.062	11.584	0.18	54.79
2.28	0.03	55.15	91.07	13.08	17.819	85.068	11.587	0.18	55.15
2.29	0.03	55.52	91.10	13.10	17.515	85.073	11.589	0.18	55.52
2.30	0.03	55.88	91.13	13.11	17.214	85.078	11.592	0.18	55.88
2.31	0.45	55.88	91.58	13.32	16.917	85.154	11.632	2.73	55.88
2.32	0.45	55.88	92.03	13.53	16.626	85.229	11.671	2.74	55.88
2.33	0.45	55.89	92.48	13.74	16.341	85.302	11.709	2.75	55.89
2.34	0.45	55.89	92.93	13.94	16.062	85.375	11.746	2.76	55.89

2.35	0.45	55.89	93.38	14.14	15.790	85.446	11.783	2.77	55.89
2.36	0.44	55.89	93.82	14.34	15.526	85.514	11.818	2.72	55.89
2.37	0.44	55.90	94.26	14.53	15.270	85.581	11.853	2.73	55.90
2.38	0.44	55.90	94.70	14.72	15.024	85.647	11.887	2.73	55.90
2.39	0.44	55.90	95.14	14.91	14.759	85.712	11.920	2.74	55.90
2.40	0.44	55.90	95.58	15.10	14.517	85.776	11.953	2.75	55.90
2.41	0.44	55.90	96.02	15.29	14.275	85.839	11.985	2.76	55.90
2.42	0.43	55.91	96.45	15.47	14.033	85.899	12.016	2.70	55.91
2.43	0.43	55.91	96.88	15.65	13.791	85.959	12.046	2.71	55.91
2.44	0.43	55.91	97.31	15.83	13.550	86.017	12.076	2.72	55.91
2.45	0.43	55.91	97.74	16.01	13.310	86.074	12.108	2.73	55.91
2.46	0.15	58.66	97.89	16.07	13.071	86.094	12.115	0.95	58.66
2.47	0.15	61.40	98.04	16.14	12.834	86.113	12.126	0.96	61.40
2.48	0.15	64.12	98.19	16.21	12.599	86.132	12.138	0.96	64.12
2.49	0.15	66.84	98.34	16.29	12.367	86.150	12.150	0.96	66.84
2.50	0.15	69.54	98.49	16.37	12,138	86.169	12.162	0.96	69.54
2.51	0.15	72.23	98.64	16.46	11.912	86.186	12.174	0.97	72.23
2.52	0.15	74.92	98.79	16.55	11.690	86.204	12.187	0.97	74.92
2.53	0.15	77.59	98.94	16.64	11.471	86.221	12.200	0.97	77.59
2.54	0.15	80.25	99.09	16.73	11.257	86.238	12.213	0.97	80.25
2.55	0.14	82.90	99.23	16.83	11.048	86.254	12.226	0.91	82.90
2.56	0.14	85.54	99.37	16.92	10.844	86.269	12.239	0.91	85.54
2.57	0.14	88.17	99.51	17.02	10.646	86.284	12.252	0.91	88.17
2.58	0.14	90.79	99.65	17.13	10.453	86.298	12.265	0.92	90.79
2.59	0.14	93.40	99.79	17.24	10.267	86.313	12.279	0.92	93.40
2.60	0.14	96.00	99.93	17.35	10.087	86.327	12.293	0.92	96.00

HEAD ASH %	17.35	CLEAN COAL ASH %	12.29	REFUSE ASH %	49.25
THEO. YIELD	89.02	CLEAN COAL YIELD%	86.33	REFUSE YIELD%	13.67
SG OF SEPARATION	1.997	ECART PROB. MOYEN	0.1800		
NEAR GRAVITY MAT	3.272	IMPERFECTION	0.202		
ORGANIC EFFCY.	96.97				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC-DDH82001 SID: 1 WID: WA1 EQUIPE WOC2 SG-ASH 19.00 EP 0.523 SG 2.38

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.02 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	1.51	0.23	1.51	0.23	99.658	1.505	0.230	0.11	0.23
1.25	1.50	0.45	3.01	0.34	99.630	2.999	0.340	0.12	0.45
1.26	1.48	0.66	4.49	0.45	99.602	4.479	0.445	0.13	0.66
1.27	1.47	0.88	5.96	0.55	99.572	5.937	0.552	0.13	0.88
1.28	1.46	1.09	7.42	0.66	99.542	7.390	0.658	0.14	1.09
1.29	1.45	1.30	8.87	0.76	99.512	8.833	0.763	0.15	1.30
1.30	1.44	1.51	10.31	0.87	99.481	10.266	0.867	0.16	1.51
1.31	1.43	1.72	11.74	0.97	99.449	11.688	0.971	0.17	1.72
1.32	1.42	2.00	13.16	1.08	99.417	13.100	1.082	0.18	2.00
1.33	1.41	2.34	14.57	1.20	99.384	14.501	1.203	0.19	2.34
1.34	1.40	2.67	15.97	1.33	99.351	15.892	1.332	0.19	2.67
1.35	1.39	3.01	17.36	1.47	99.317	17.272	1.466	0.20	3.01
1.36	1.38	3.34	18.74	1.60	99.282	18.643	1.604	0.21	3.34
1.37	1.36	3.67	20.10	1.74	99.248	19.992	1.743	0.22	3.67
1.38	1.36	4.00	21.46	1.89	99.212	21.342	1.886	0.23	4.00
1.39	1.35	4.32	22.81	2.03	99.177	22.680	2.030	0.24	4.32
1.40	1.34	4.65	24.15	2.18	99.141	24.009	2.175	0.25	4.65
1.41	3.45	5.10	27.60	2.54	99.104	27.428	2.539	0.66	5.10
1.42	4.49	5.55	32.09	2.96	99.067	31.876	2.959	0.89	5.55
1.43	5.23	5.99	37.32	3.39	99.030	37.055	3.383	1.08	5.99
1.44	5.67	6.43	42.99	3.79	98.992	42.668	3.784	1.22	6.43
1.45	5.81	6.87	48.80	4.16	98.962	48.418	4.150	1.29	6.87
1.46	5.65	7.96	54.45	4.55	98.923	54.007	4.545	1.30	7.96
1.47	5.19	9.04	59.64	4.94	98.884	59.139	4.935	1.24	9.04
1.48	4.42	10.12	64.06	5.30	98.844	63.508	5.291	1.09	10.12
1.49	3.36	11.18	67.42	5.59	98.802	66.828	5.584	0.86	11.18
1.50	1.99	12.24	69.41	5.78	98.759	68.793	5.774	0.53	12.24
1.51	1.16	13.31	70.57	5.91	98.715	69.938	5.897	0.32	13.31
1.52	1.07	14.37	71.64	6.03	98.669	70.994	6.023	0.30	14.37
1.53	0.99	15.42	72.63	6.16	98.622	71.970	6.151	0.29	15.42
1.54	0.90	16.47	73.53	6.29	98.572	72.858	6.277	0.27	16.47
1.55	0.82	17.51	74.35	6.41	98.521	73.665	6.400	0.26	17.51
1.56	0.75	18.32	75.10	6.53	98.467	74.404	6.518	0.25	18.32
1.57	0.67	19.12	75.77	6.64	98.411	75.063	6.629	0.23	19.12
1.58	0.60	19.92	76.37	6.74	98.352	75.653	6.732	0.21	19.92
1.59	0.54	20.71	76.91	6.84	98.290	76.184	6.830	0.20	20.71
1.60	0.47	21.50	77.38	6.93	98.226	76.646	6.918	0.18	21.50
1.61	0.46	22.46	77.84	7.02	98.159	77.097	7.009	0.18	22.46
1.62	0.48	23.42	78.32	7.12	98.088	77.568	7.109	0.20	23.42
1.63	0.49	24.38	78.81	7.23	98.014	78.048	7.215	0.21	24.38
1.64	0.49	25.32	79.30	7.34	97.937	78.528	7.326	0.22	25.32
1.65	0.48	26.26	79.78	7.46	97.856	78.998	7.438	0.22	26.26
1.66	0.45	26.93	80.23	7.57	97.771	79.438	7.546	0.21	26.93
1.67	0.41	27.58	80.64	7.67	97.682	79.839	7.647	0.20	27.58
1.68	0.36	28.24	81.00	7.76	97.590	80.190	7.737	0.19	28.24
1.69	0.29	28.89	81.29	7.83	97.492	80.473	7.811	0.16	28.89
1.70	0.21	29.53	81.50	7.89	97.391	80.677	7.866	0.12	29.53
1.71	0.16	30.05	81.66	7.93	97.285	80.833	7.909	0.09	30.05
1.72	0.14	30.57	81.80	7.97	97.174	80.969	7.947	0.08	30.57

1.73	0.13	31.08	81.93	8.01	97.058	81.095	7.983	0.08	31.08
1.74	0.12	31.59	82.05	8.04	96.937	81.211	8.017	0.08	31.59
1.75	0.12	32.10	82.17	8.08	96.811	81.327	8.051	0.08	32.10
1.76	0.12	32.61	82.29	8.11	96.679	81.443	8.086	0.09	32.61
1.77	0.12	33.12	82.41	8.15	96.542	81.559	8.122	0.09	33.12
1.78	0.13	33.63	82.54	8.19	96.399	81.685	8.161	0.10	33.63
1.79	0.15	34.14	82.69	8.24	96.250	81.829	8.207	0.12	34.14
1.80	0.17	34.64	82.86	8.29	96.096	81.992	8.260	0.14	34.64
1.81	0.19	34.97	83.05	8.35	95.830	82.174	8.319	0.17	34.97
1.82	0.20	35.29	83.25	8.42	95.645	82.366	8.381	0.19	35.29
1.83	0.20	35.62	83.45	8.48	95.446	82.557	8.444	0.19	35.62
1.84	0.20	35.94	83.65	8.55	95.236	82.747	8.508	0.20	35.94
1.85	0.20	36.26	83.85	8.62	95.016	82.937	8.571	0.21	36.26
1.86	0.20	37.09	84.05	8.68	94.789	83.127	8.636	0.22	37.09
1.87	0.19	37.92	84.24	8.75	94.556	83.306	8.699	0.22	37.92
1.88	0.18	38.74	84.42	8.81	94.320	83.476	8.761	0.22	38.74
1.89	0.17	39.56	84.59	8.87	94.082	83.636	8.819	0.21	39.56
1.90	0.15	40.37	84.74	8.93	93.844	83.777	8.872	0.20	40.37
1.91	0.14	41.01	84.88	8.98	93.609	83.908	8.923	0.19	41.01
1.92	0.14	41.64	85.02	9.04	93.522	84.039	8.974	0.19	41.64
1.93	0.13	42.28	85.15	9.09	93.303	84.160	9.022	0.19	42.28
1.94	0.13	42.90	85.28	9.14	93.089	84.281	9.070	0.19	42.90
1.95	0.13	43.53	85.41	9.19	92.873	84.402	9.120	0.20	43.53
1.96	0.13	44.13	85.54	9.24	92.649	84.522	9.169	0.20	44.13
1.97	0.13	44.74	85.67	9.30	92.410	84.642	9.220	0.21	44.74
1.98	0.13	45.33	85.80	9.35	92.152	84.762	9.271	0.22	45.33
1.99	0.13	45.93	85.93	9.41	91.867	84.882	9.323	0.23	45.93
2.00	0.13	46.52	86.06	9.46	91.550	85.001	9.375	0.23	46.52
2.01	0.14	46.90	86.20	9.53	91.194	85.128	9.431	0.26	46.90
2.02	0.14	47.27	86.34	9.59	90.594	85.255	9.487	0.28	47.27
2.03	0.14	47.65	86.48	9.65	90.176	85.381	9.544	0.29	47.65
2.04	0.15	48.02	86.63	9.71	89.748	85.516	9.604	0.33	48.02
2.05	0.15	48.39	86.78	9.78	89.311	85.650	9.665	0.34	48.39
2.06	0.15	49.34	86.93	9.85	88.867	85.783	9.727	0.36	49.34
2.07	0.15	50.30	87.08	9.92	88.416	85.916	9.789	0.37	50.30
2.08	0.15	51.24	87.23	9.99	87.961	86.048	9.853	0.39	51.24
2.09	0.15	52.19	87.38	10.06	87.502	86.179	9.917	0.40	52.19
2.10	0.14	53.13	87.52	10.13	87.041	86.301	9.978	0.39	53.13
2.11	0.13	54.04	87.65	10.20	86.579	86.414	10.036	0.37	54.04
2.12	0.11	54.95	87.76	10.25	86.118	86.508	10.085	0.33	54.95
2.13	0.09	55.86	87.85	10.30	85.659	86.586	10.126	0.28	55.86
2.14	0.07	56.76	87.92	10.34	85.203	86.645	10.158	0.22	56.76
2.15	0.05	57.66	87.97	10.36	84.752	86.687	10.181	0.16	57.66
2.16	0.04	58.55	88.01	10.39	84.307	86.721	10.200	0.13	58.55
2.17	0.03	59.44	88.04	10.40	83.870	86.746	10.214	0.10	59.44
2.18	0.02	60.33	88.06	10.41	83.565	86.763	10.224	0.07	60.33
2.19	0.01	61.21	88.07	10.42	83.133	86.771	10.228	0.04	61.21
2.20	0.01	62.09	88.08	10.43	82.702	86.780	10.233	0.04	62.09
2.21	0.01	62.68	88.09	10.43	82.272	86.788	10.238	0.04	62.68
2.22	0.01	63.28	88.10	10.44	81.844	86.796	10.243	0.04	63.28
2.23	0.02	63.88	88.12	10.45	81.417	86.812	10.253	0.08	63.88
2.24	0.02	64.47	88.14	10.46	80.990	86.828	10.264	0.08	64.47
2.25	0.03	65.06	88.17	10.48	80.564	86.853	10.279	0.12	65.06
2.26	0.04	65.64	88.21	10.51	80.138	86.885	10.299	0.17	65.64
2.27	0.06	66.22	88.27	10.54	79.712	86.933	10.330	0.26	66.22
2.28	0.07	66.81	88.34	10.59	79.286	86.988	10.366	0.31	66.81
2.29	0.09	67.38	88.43	10.65	78.860	87.059	10.413	0.41	67.38
2.30	0.11	67.96	88.54	10.72	78.432	87.145	10.470	0.51	67.96
2.31	0.41	68.38	88.95	10.98	78.004	87.465	10.681	1.92	68.38
2.32	0.40	68.80	89.35	11.24	77.574	87.775	10.887	1.91	68.80
2.33	0.40	69.21	89.75	11.50	77.143	88.084	11.091	1.85	69.21
2.34	0.40	69.62	90.15	11.76	76.710	88.391	11.294	1.89	69.62

2.35	0.40	70.04	90.55	12.01	76.275	88.696	11.496	2.02	70.04
2.36	0.40	70.45	90.95	12.27	75.838	88.999	11.697	2.06	70.45
2.37	0.40	70.85	91.35	12.53	75.398	89.301	11.897	2.10	70.85
2.38	0.39	71.26	91.74	12.78	74.956	89.593	12.091	2.08	71.26
2.39	0.39	71.67	92.13	13.03	74.550	89.884	12.283	2.12	71.67
2.40	0.39	72.07	92.52	13.28	74.089	90.173	12.475	2.16	72.07
2.41	0.39	72.47	92.91	13.52	73.616	90.460	12.665	2.19	72.47
2.42	0.39	72.87	93.30	13.77	73.133	90.745	12.855	2.24	72.87
2.43	0.39	73.27	93.69	14.02	72.640	91.029	13.043	2.28	73.27
2.44	0.38	73.67	94.07	14.26	72.138	91.303	13.225	2.26	73.67
2.45	0.38	74.06	94.45	14.50	71.627	91.575	13.406	2.30	74.06
2.46	0.38	75.56	94.83	14.75	71.109	91.845	13.588	2.34	75.56
2.47	0.38	77.06	95.21	15.00	70.583	92.113	13.773	2.38	77.06
2.48	0.38	78.55	95.59	15.25	70.051	92.379	13.960	2.43	78.55
2.49	0.38	80.04	95.97	15.50	69.512	92.644	14.148	2.47	80.04
2.50	0.37	81.52	96.34	15.76	68.969	92.899	14.333	2.45	81.52
2.51	0.37	82.99	96.71	16.02	68.421	93.152	14.520	2.49	82.99
2.52	0.37	84.46	97.08	16.28	67.868	93.403	14.708	2.54	84.46
2.53	0.37	85.92	97.45	16.54	67.313	93.652	14.897	2.58	85.92
2.54	0.37	87.38	97.82	16.81	66.754	93.899	15.088	2.62	87.38
2.55	0.37	88.83	98.19	17.08	66.194	94.144	15.280	2.67	88.83
2.56	0.37	90.28	98.56	17.35	65.632	94.387	15.473	2.71	90.28
2.57	0.36	91.72	98.92	17.63	65.069	94.621	15.662	2.68	91.72
2.58	0.36	93.15	99.28	17.90	64.506	94.853	15.851	2.73	93.15
2.59	0.36	94.58	99.64	18.18	63.944	95.084	16.042	2.77	94.58
2.60	0.36	96.00	100.00	18.46	63.427	95.312	16.234	2.81	96.00

HEAD ASH %	18.46	CLEAN COAL ASH %	16.23	REFUSE ASH %	63.65
THEO. YIELD	97.02	CLEAN COAL YIELD%	95.31	REFUSE YIELD%	4.69
SG OF SEPARATION	2.518	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	6.764	IMPERFECTION	0.379		
ORGANIC EFFCY.	98.24				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 2 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.23 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL SINK WT%	CUM. ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	3.31	0.16	3.31	0.16	99.658	3.299	0.160	0.22	0.16
1.25	3.28	0.30	6.59	0.23	99.630	6.567	0.230	0.23	0.30
1.26	3.24	0.44	9.83	0.30	99.602	9.794	0.299	0.25	0.44
1.27	3.20	0.59	13.03	0.37	99.572	12.980	0.370	0.26	0.59
1.28	3.14	0.73	16.17	0.44	99.542	16.106	0.440	0.27	0.73
1.29	3.08	0.87	19.25	0.51	99.512	19.171	0.509	0.29	0.87
1.30	3.00	1.01	22.25	0.58	99.481	22.155	0.576	0.30	1.01
1.31	2.91	1.14	25.16	0.64	99.449	25.049	0.642	0.31	1.14
1.32	2.82	1.50	27.98	0.73	99.417	27.853	0.728	0.31	1.50
1.33	2.71	2.06	30.69	0.85	99.384	30.546	0.845	0.32	2.06
1.34	2.60	2.62	33.29	0.98	99.351	33.129	0.984	0.32	2.62
1.35	2.47	3.17	35.76	1.14	99.317	35.582	1.134	0.32	3.17
1.36	2.33	3.72	38.09	1.29	99.282	37.895	1.292	0.32	3.72
1.37	2.19	4.27	40.28	1.46	99.248	40.069	1.454	0.32	4.27
1.38	2.03	4.81	42.31	1.62	99.212	42.083	1.614	0.31	4.81
1.39	1.87	5.35	44.18	1.77	99.177	43.937	1.772	0.29	5.35
1.40	1.69	5.88	45.87	1.93	99.141	45.613	1.923	0.28	5.88
1.41	1.58	6.34	47.45	2.07	99.104	47.179	2.070	0.27	6.34
1.42	1.55	6.79	49.00	2.22	99.067	48.714	2.218	0.28	6.79
1.43	1.52	7.23	50.52	2.37	99.030	50.220	2.369	0.28	7.23
1.44	1.49	7.67	52.01	2.52	98.992	51.695	2.520	0.29	7.67
1.45	1.46	8.11	53.47	2.68	98.962	53.139	2.672	0.29	8.11
1.46	1.44	8.84	54.91	2.84	98.923	54.564	2.833	0.30	8.84
1.47	1.42	9.56	56.33	3.01	98.884	55.968	3.002	0.30	9.56
1.48	1.40	10.28	57.73	3.18	98.844	57.352	3.177	0.31	10.28
1.49	1.38	11.00	59.11	3.37	98.802	58.715	3.359	0.32	11.00
1.50	1.37	11.71	60.48	3.56	98.759	60.068	3.547	0.32	11.71
1.51	1.39	12.25	61.87	3.75	98.715	61.441	3.741	0.34	12.25
1.52	1.41	12.79	63.28	3.95	98.669	62.832	3.942	0.36	12.79
1.53	1.43	13.33	64.71	4.16	98.622	64.242	4.148	0.38	13.33
1.54	1.42	13.86	66.13	4.37	98.572	65.642	4.355	0.39	13.86
1.55	1.39	14.39	67.52	4.57	98.521	67.011	4.560	0.39	14.39
1.56	1.35	15.53	68.87	4.79	98.467	68.340	4.773	0.40	15.53
1.57	1.29	16.65	70.16	5.01	98.411	69.610	4.990	0.39	16.65
1.58	1.22	17.77	71.38	5.23	98.352	70.810	5.207	0.38	17.77
1.59	1.12	18.88	72.50	5.44	98.290	71.911	5.416	0.37	18.88
1.60	1.01	19.99	73.51	5.64	98.226	72.903	5.614	0.34	19.99
1.61	0.87	21.30	74.38	5.82	98.159	73.757	5.796	0.31	21.30
1.62	0.73	22.60	75.11	5.98	98.088	74.473	5.957	0.27	22.60
1.63	0.61	23.90	75.72	6.13	98.014	75.071	6.100	0.23	23.90
1.64	0.51	25.19	76.23	6.25	97.937	75.570	6.227	0.20	25.19
1.65	0.42	26.47	76.65	6.37	97.856	75.981	6.336	0.17	26.47
1.66	0.35	26.96	77.00	6.46	97.771	76.323	6.429	0.15	26.96
1.67	0.30	27.44	77.30	6.54	97.682	76.616	6.509	0.13	27.44
1.68	0.27	27.93	77.57	6.61	97.590	76.880	6.582	0.12	27.93
1.69	0.25	28.41	77.82	6.68	97.492	77.124	6.651	0.12	28.41
1.70	0.25	28.89	78.07	6.76	97.391	77.367	6.721	0.12	28.89
1.71	.26	29.64	78.33	6.83	97.285	77.620	6.796	.3	29.64
1.72	.26	30.36	78.59	6.91	97.174	77.873	6.872	.4	30.36

1.73	0.26	31.05	78.85	6.99	97.058	78.125	6.950	0.15	31.05
1.74	0.26	31.69	79.11	7.07	96.937	78.377	7.030	0.15	31.69
1.75	0.25	32.29	79.36	7.15	96.811	78.619	7.108	0.15	32.29
1.76	0.25	32.85	79.61	7.23	96.679	78.861	7.187	0.16	32.85
1.77	0.24	33.38	79.85	7.31	96.542	79.093	7.263	0.16	33.38
1.78	0.22	33.89	80.07	7.38	96.399	79.305	7.335	0.15	33.89
1.79	0.21	34.39	80.28	7.45	96.250	79.507	7.403	0.15	34.39
1.80	0.19	34.88	80.47	7.52	96.096	79.689	7.466	0.14	34.88
1.81	0.18	35.31	80.65	7.58	95.830	79.862	7.527	0.14	35.31
1.82	0.18	35.74	80.83	7.64	95.645	80.034	7.587	0.15	35.74
1.83	0.17	36.18	81.00	7.70	95.446	80.196	7.645	0.15	36.18
1.84	0.17	36.60	81.17	7.76	95.236	80.358	7.703	0.15	36.60
1.85	0.17	37.03	81.34	7.82	95.016	80.520	7.762	0.16	37.03
1.86	0.16	37.70	81.50	7.88	94.789	80.671	7.819	0.16	37.70
1.87	0.16	38.37	81.66	7.94	94.556	80.823	7.876	0.17	38.37
1.88	0.15	39.03	81.81	8.00	94.320	80.964	7.930	0.16	39.03
1.89	0.15	39.69	81.96	8.06	94.082	81.105	7.985	0.17	39.69
1.90	0.14	40.35	82.10	8.11	93.844	81.237	8.038	0.16	40.35
1.91	0.13	40.80	82.23	8.16	93.609	81.358	8.087	0.16	40.80
1.92	0.11	41.26	82.34	8.21	93.522	81.461	8.129	0.14	41.26
1.93	0.10	41.72	82.44	8.25	93.303	81.554	8.167	0.13	41.72
1.94	0.09	42.17	82.53	8.29	93.089	81.638	8.202	0.12	42.17
1.95	0.08	42.62	82.61	8.32	92.873	81.713	8.233	0.11	42.62
1.96	0.08	43.39	82.69	8.35	92.649	81.787	8.265	0.11	43.39
1.97	0.09	44.15	82.78	8.39	92.410	81.870	8.302	0.13	44.15
1.98	0.09	44.91	82.87	8.43	92.152	81.953	8.339	0.14	44.91
1.99	0.11	45.67	82.98	8.48	91.867	82.054	8.385	0.17	45.67
2.00	0.12	46.42	83.10	8.54	91.550	82.164	8.435	0.19	46.42
2.01	0.15	46.87	83.25	8.60	91.194	82.300	8.499	0.25	46.87
2.02	0.19	47.32	83.44	8.69	90.594	82.473	8.580	0.34	47.32
2.03	0.21	47.77	83.65	8.79	90.176	82.662	8.670	0.39	47.77
2.04	0.23	48.21	83.88	8.90	89.748	82.868	8.769	0.45	48.21
2.05	0.25	48.66	84.13	9.02	89.311	83.092	8.876	0.51	48.66
2.06	0.25	49.60	84.38	9.14	88.867	83.314	8.984	0.53	49.60
2.07	0.25	50.55	84.63	9.26	88.416	83.535	9.094	0.55	50.55
2.08	0.24	51.48	84.87	9.38	87.961	83.746	9.201	0.55	51.48
2.09	0.22	52.42	85.09	9.49	87.502	83.939	9.300	0.53	52.42
2.10	0.20	53.35	85.29	9.59	87.041	84.113	9.392	0.50	53.35
2.11	0.17	54.28	85.46	9.68	86.579	84.260	9.470	0.44	54.28
2.12	0.13	55.21	85.59	9.75	86.118	84.372	9.531	0.35	55.21
2.13	0.11	56.14	85.70	9.81	85.659	84.466	9.583	0.30	56.14
2.14	0.08	57.06	85.78	9.85	85.203	84.534	9.621	0.23	57.06
2.15	0.06	57.98	85.84	9.89	84.752	84.585	9.650	0.17	57.98
2.16	0.04	58.89	85.88	9.91	84.307	84.619	9.670	0.12	58.89
2.17	0.03	59.80	85.91	9.93	83.870	84.644	9.685	0.09	59.80
2.18	0.02	60.71	85.93	9.94	83.565	84.661	9.695	0.06	60.71
2.19	0.01	61.61	85.94	9.95	83.133	84.669	9.700	0.03	61.61
2.20	0.01	62.51	85.95	9.95	82.702	84.677	9.705	0.03	62.51
2.21	0.01	63.00	85.96	9.96	82.272	84.685	9.710	0.03	63.00
2.22	0.01	63.50	85.97	9.97	81.844	84.694	9.715	0.03	63.50
2.23	0.02	63.99	85.99	9.98	81.417	84.710	9.726	0.07	63.99
2.24	0.03	64.48	86.02	10.00	80.990	84.734	9.741	0.11	64.48
2.25	0.04	64.97	86.06	10.02	80.564	84.766	9.762	0.15	64.97
2.26	0.06	65.46	86.12	10.06	80.138	84.814	9.794	0.23	65.46
2.27	0.08	65.94	86.20	10.11	79.712	84.878	9.836	0.31	65.94
2.28	0.10	66.42	86.30	10.18	79.286	84.957	9.889	0.40	66.42
2.29	0.13	66.90	86.43	10.26	78.860	85.060	9.958	0.53	66.90
2.30	0.16	67.38	86.59	10.37	78.432	85.186	10.042	0.66	67.38
2.31	0.48	67.58	87.07	10.68	78.004	85.560	10.294	2.02	67.58
2.32	0.47	67.77	87.54	10.99	77.574	85.925	10.538	2.02	67.77
2.33	0.47	67.96	88.01	11.29	77.143	86.287	10.779	2.05	67.96
2.34	0.47	68.16	88.48	11.60	76.710	86.648	11.018	2.09	68.16

2.35	0.47	68.35	88.95	11.90	76.275	87.006	11.254	2.13	68.35
2.36	0.47	68.54	89.42	12.19	75.838	87.363	11.488	2.17	68.54
2.37	0.46	68.73	89.88	12.48	75.398	87.709	11.714	2.16	68.73
2.38	0.46	68.92	90.34	12.77	74.956	88.054	11.938	2.20	68.92
2.39	0.46	69.11	90.80	13.06	74.550	88.397	12.160	2.24	69.11
2.40	0.46	69.30	91.26	13.34	74.089	88.738	12.380	2.28	69.30
2.41	0.46	69.49	91.72	13.62	73.616	89.077	12.597	2.32	69.49
2.42	0.45	69.67	92.17	13.90	73.133	89.406	12.807	2.31	69.67
2.43	0.45	69.86	92.62	14.17	72.640	89.733	13.015	2.35	69.86
2.44	0.45	70.04	93.07	14.44	72.138	90.057	13.220	2.40	70.04
2.45	0.45	70.23	93.52	14.71	71.627	90.379	13.423	2.44	70.23
2.46	0.45	71.99	93.97	14.98	71.109	90.699	13.630	2.49	71.99
2.47	0.45	73.75	94.42	15.26	70.583	91.017	13.840	2.53	73.75
2.48	0.44	75.51	94.86	15.54	70.051	91.325	14.048	2.52	75.51
2.49	0.44	77.25	95.30	15.82	69.512	91.631	14.259	2.56	77.25
2.50	0.44	78.99	95.74	16.12	68.969	91.935	14.473	2.61	78.99
2.51	0.44	80.72	96.18	16.41	68.421	92.236	14.689	2.66	80.72
2.52	0.44	82.44	96.62	16.71	67.868	92.534	14.908	2.70	82.44
2.53	0.43	84.16	97.05	17.01	67.313	92.824	15.124	2.69	84.16
2.54	0.43	85.87	97.48	17.31	66.754	93.111	15.342	2.73	85.87
2.55	0.43	87.58	97.91	17.62	66.194	93.395	15.562	2.78	87.58
2.56	0.43	89.28	98.34	17.94	65.632	93.678	15.784	2.83	89.28
2.57	0.43	90.97	98.77	18.25	65.069	93.957	16.008	2.87	90.97
2.58	0.43	92.65	99.20	18.58	64.506	94.235	16.233	2.92	92.65
2.59	0.42	94.33	99.62	18.90	63.944	94.503	16.455	2.90	94.33
2.60	0.42	96.00	100.04	19.22	63.427	94.770	16.679	2.94	96.00

HEAD ASH %	19.22	CLEAN COAL ASH %	16.68	REFUSE ASH %	65.25
THEO. YIELD	96.57	CLEAN COAL YIELD%	94.77	REFUSE YIELD%	5.23
SG OF SEPARATION	2.519	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	7.878	IMPERFECTION	0.379		
ORGANIC EFFCY.	98.13				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 3 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 23.00 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	0.97	0.49	0.97	0.49	99.658	0.967	0.490	0.12	0.49
1.25	0.97	0.96	1.94	0.72	99.630	1.933	0.725	0.13	0.96
1.26	0.96	1.42	2.90	0.96	99.602	2.889	0.955	0.14	1.42
1.27	0.95	1.89	3.85	1.19	99.572	3.835	1.186	0.15	1.89
1.28	0.94	2.35	4.79	1.41	99.542	4.771	1.414	0.16	2.35
1.29	0.94	2.80	5.73	1.64	99.512	5.706	1.641	0.17	2.80
1.30	0.93	3.26	6.66	1.87	99.481	6.631	1.867	0.17	3.26
1.31	0.92	3.71	7.58	2.09	99.449	7.546	2.090	0.18	3.71
1.32	0.92	3.96	8.50	2.29	99.417	8.461	2.293	0.19	3.96
1.33	0.91	4.00	9.41	2.46	99.384	9.365	2.457	0.20	4.00
1.34	0.90	4.05	10.31	2.60	99.351	10.260	2.596	0.21	4.05
1.35	0.89	4.10	11.20	2.72	99.317	11.144	2.716	0.22	4.10
1.36	0.89	4.15	12.09	2.82	99.282	12.027	2.821	0.23	4.15
1.37	0.88	4.20	12.97	2.92	99.248	12.901	2.914	0.24	4.20
1.38	0.88	4.24	13.85	3.00	99.212	13.774	2.998	0.25	4.24
1.39	0.87	4.29	14.72	3.08	99.177	14.636	3.074	0.26	4.29
1.40	0.86	4.34	15.58	3.15	99.141	15.489	3.144	0.27	4.34
1.41	3.26	4.44	18.84	3.37	99.104	18.720	3.368	1.05	4.44
1.42	4.12	4.54	22.96	3.58	99.067	22.801	3.578	1.39	4.54
1.43	4.74	4.64	27.70	3.76	99.030	27.495	3.759	1.66	4.64
1.44	5.11	4.74	32.81	3.91	98.992	32.554	3.911	1.86	4.74
1.45	5.25	4.84	38.06	4.04	98.962	37.749	4.039	1.96	4.84
1.46	5.16	5.73	43.22	4.24	98.923	42.854	4.241	2.00	5.73
1.47	4.82	6.61	48.04	4.48	98.884	47.620	4.478	1.94	6.61
1.48	4.24	7.48	52.28	4.72	98.844	51.811	4.721	1.77	7.48
1.49	3.43	8.35	55.71	4.95	98.802	55.200	4.943	1.48	8.35
1.50	2.37	9.21	58.08	5.12	98.759	57.541	5.117	1.06	9.21
1.51	1.74	9.95	59.82	5.26	98.715	59.258	5.257	0.81	9.95
1.52	1.70	10.69	61.52	5.41	98.669	60.936	5.407	0.82	10.69
1.53	1.65	11.42	63.17	5.57	98.622	62.563	5.563	0.82	11.42
1.54	1.60	12.14	64.77	5.73	98.572	64.140	5.725	0.82	12.14
1.55	1.55	12.86	66.32	5.90	98.521	65.667	5.891	0.83	12.86
1.56	1.50	13.47	67.82	6.06	98.467	67.144	6.057	0.83	13.47
1.57	1.45	14.07	69.27	6.23	98.411	68.571	6.224	0.83	14.07
1.58	1.40	14.66	70.67	6.40	98.352	69.948	6.390	0.83	14.66
1.59	1.35	15.26	72.02	6.57	98.290	71.275	6.555	0.83	15.26
1.60	1.30	15.85	73.32	6.73	98.226	72.552	6.719	0.83	15.85
1.61	1.29	16.39	74.61	6.90	98.159	73.818	6.885	0.86	16.39
1.62	1.33	16.92	75.94	7.07	98.088	75.123	7.059	0.92	16.92
1.63	1.34	17.45	77.28	7.25	98.014	76.436	7.238	0.96	17.45
1.64	1.33	17.98	78.61	7.43	97.937	77.739	7.418	0.99	17.98
1.65	1.31	18.51	79.92	7.62	97.856	79.021	7.598	1.01	18.51
1.66	1.26	19.34	81.18	7.80	97.771	80.252	7.778	1.01	19.34
1.67	1.19	20.17	82.37	7.98	97.682	81.415	7.955	0.99	20.17
1.68	1.11	21.00	83.48	8.15	97.590	82.498	8.126	0.96	21.00
1.69	1.00	21.82	84.48	8.31	97.492	83.473	8.286	0.90	21.82
1.70	0.87	22.64	85.35	8.46	97.391	84.320	8.430	0.82	22.64
1.71	0.76	23.57	86.11	8.59	97.285	85.060	8.562	0.74	23.57
1.72	0.68	24.49	86.79	8.72	97.174	85.720	8.685	0.69	24.49

1.73	0.61	25.41	87.40	8.83	97.058	86.313	8.799	0.65	25.41
1.74	0.54	26.33	87.94	8.94	96.937	86.836	8.905	0.60	26.33
1.75	0.47	27.23	88.41	9.04	96.811	87.291	9.001	0.54	27.23
1.76	0.42	27.98	88.83	9.13	96.679	87.697	9.088	0.50	27.98
1.77	0.36	28.71	89.19	9.21	96.542	88.045	9.166	0.45	28.71
1.78	0.32	29.45	89.51	9.28	96.399	88.353	9.237	0.42	29.45
1.79	0.27	30.18	89.78	9.34	96.250	88.613	9.298	0.36	30.18
1.80	0.24	30.90	90.02	9.40	96.096	88.844	9.354	0.34	30.90
1.81	0.22	31.83	90.24	9.45	95.830	89.054	9.407	0.33	31.83
1.82	0.22	32.75	90.46	9.51	95.645	89.265	9.462	0.35	32.75
1.83	0.22	33.66	90.68	9.57	95.446	89.475	9.519	0.36	33.66
1.84	0.22	34.57	90.90	9.63	95.236	89.684	9.578	0.38	34.57
1.85	0.21	35.48	91.11	9.69	95.016	89.884	9.635	0.38	35.48
1.86	0.20	36.07	91.31	9.75	94.789	90.073	9.691	0.38	36.07
1.87	0.19	36.66	91.50	9.80	94.556	90.253	9.745	0.37	36.66
1.88	0.17	37.25	91.67	9.85	94.320	90.413	9.793	0.35	37.25
1.89	0.16	37.83	91.83	9.90	94.082	90.564	9.840	0.34	37.83
1.90	0.14	38.41	91.97	9.94	93.844	90.695	9.881	0.31	38.41
1.91	0.12	38.70	92.09	9.98	93.609	90.808	9.917	0.28	38.70
1.92	0.12	38.99	92.21	10.02	93.522	90.920	9.953	0.28	38.99
1.93	0.11	39.28	92.32	10.05	93.303	91.023	9.986	0.27	39.28
1.94	0.11	39.57	92.43	10.09	93.089	91.125	10.019	0.27	39.57
1.95	0.11	39.86	92.54	10.13	92.873	91.227	10.053	0.28	39.86
1.96	0.11	41.03	92.65	10.16	92.649	91.329	10.087	0.29	41.03
1.97	0.11	42.21	92.76	10.20	92.410	91.431	10.123	0.30	42.21
1.98	0.12	43.38	92.88	10.24	92.152	91.541	10.163	0.34	43.38
1.99	0.13	44.54	93.01	10.29	91.867	91.661	10.208	0.38	44.54
2.00	0.14	45.70	93.15	10.34	91.550	91.789	10.257	0.43	45.70
2.01	0.14	46.59	93.29	10.40	91.194	91.916	10.308	0.44	46.59
2.02	0.15	47.48	93.44	10.46	90.594	92.052	10.369	0.51	47.48
2.03	0.16	48.36	93.60	10.52	90.176	92.197	10.422	0.57	48.36
2.04	0.16	49.24	93.76	10.59	89.748	92.340	10.483	0.59	49.24
2.05	0.16	50.11	93.92	10.66	89.311	92.483	10.544	0.62	50.11
2.06	0.16	50.75	94.08	10.72	88.867	92.625	10.606	0.64	50.75
2.07	0.16	51.38	94.24	10.79	88.416	92.767	10.668	0.67	51.38
2.08	0.15	52.01	94.39	10.86	87.961	92.899	10.726	0.69	52.01
2.09	0.15	52.64	94.54	10.92	87.502	93.030	10.786	0.68	52.64
2.10	0.14	53.27	94.68	10.99	87.041	93.152	10.841	0.65	53.27
2.11	0.13	53.27	94.81	11.05	86.579	93.264	10.892	0.63	53.27
2.12	0.13	53.27	94.94	11.10	86.118	93.376	10.943	0.65	53.27
2.13	0.13	53.27	95.07	11.16	85.659	93.488	10.994	0.67	53.27
2.14	0.13	53.27	95.20	11.22	85.203	93.598	11.044	0.69	53.27
2.15	0.13	53.27	95.33	11.28	84.752	93.709	11.093	0.71	53.27
2.16	0.13	53.27	95.46	11.33	84.307	93.818	11.142	0.74	53.27
2.17	0.13	53.27	95.59	11.39	83.870	93.927	11.191	0.76	53.27
2.18	0.12	53.27	95.71	11.44	83.565	94.028	11.236	0.71	53.27
2.19	0.12	53.27	95.83	11.49	83.133	94.127	11.281	0.73	53.27
2.20	0.12	53.27	95.95	11.55	82.702	94.227	11.325	0.75	53.27
2.21	0.12	53.27	96.07	11.60	82.272	94.325	11.369	0.77	53.27
2.22	0.12	53.27	96.19	11.65	81.844	94.424	11.413	0.79	53.27
2.23	0.12	53.27	96.31	11.70	81.417	94.521	11.456	0.80	53.27
2.24	0.12	53.27	96.43	11.75	80.990	94.618	11.499	0.82	53.27
2.25	0.12	53.27	96.55	11.81	80.564	94.715	11.541	0.84	53.27
2.26	0.12	53.27	96.67	11.86	80.138	94.811	11.584	0.86	53.27
2.27	0.12	53.27	96.79	11.91	79.712	94.907	11.626	0.88	53.27
2.28	0.12	53.28	96.91	11.96	79.286	95.002	11.667	0.90	53.28
2.29	0.12	53.28	97.03	12.01	78.860	95.097	11.709	0.91	53.28
2.30	0.12	53.28	97.15	12.06	78.432	95.191	11.750	0.93	53.28
2.31	0.12	53.28	97.27	12.11	78.004	95.284	11.791	0.95	53.28
2.32	0.12	53.28	97.39	12.16	77.574	95.377	11.831	0.97	53.28
2.33	0.12	53.28	97.51	12.21	77.143	95.470	11.871	0.99	53.28
2.34	0.12	53.28	97.63	12.27	76.710	95.562	11.911	1.01	53.28

2.35	0.12	53.28	97.75	12.32	76.275	95.654	11.951	1.03	53.28
2.36	0.09	55.07	97.84	12.36	75.838	95.722	11.982	0.78	55.07
2.37	0.09	56.86	97.93	12.40	75.398	95.790	12.013	0.80	56.86
2.38	0.09	58.64	98.02	12.44	74.956	95.857	12.046	0.81	58.64
2.39	0.09	60.41	98.11	12.48	74.550	95.924	12.080	0.83	60.41
2.40	0.09	62.17	98.20	12.53	74.089	95.991	12.115	0.84	62.17
2.41	0.09	63.93	98.29	12.57	73.616	96.057	12.151	0.86	63.93
2.42	0.09	65.68	98.38	12.62	73.133	96.123	12.187	0.87	65.68
2.43	0.09	67.42	98.47	12.67	72.640	96.188	12.225	0.89	67.42
2.44	0.09	69.16	98.56	12.73	72.138	96.253	12.263	0.90	69.16
2.45	0.09	70.89	98.65	12.78	71.627	96.318	12.302	0.92	70.89
2.46	0.09	72.61	98.74	12.83	71.109	96.382	12.342	0.94	72.61
2.47	0.09	74.32	98.83	12.89	70.583	96.445	12.383	0.95	74.32
2.48	0.09	76.03	98.92	12.95	70.051	96.508	12.425	0.97	76.03
2.49	0.09	77.73	99.01	13.01	69.512	96.571	12.467	0.99	77.73
2.50	0.09	79.43	99.10	13.07	68.969	96.633	12.510	1.01	79.43
2.51	0.09	81.11	99.19	13.13	68.421	96.695	12.554	1.02	81.11
2.52	0.09	82.79	99.28	13.19	67.868	96.756	12.598	1.04	82.79
2.53	0.09	84.47	99.37	13.25	67.313	96.816	12.643	1.06	84.47
2.54	0.09	86.13	99.46	13.32	66.754	96.876	12.689	1.08	86.13
2.55	0.09	87.79	99.55	13.39	66.194	96.936	12.735	1.10	87.79
2.56	0.09	89.45	99.64	13.46	65.632	96.995	12.782	1.12	89.45
2.57	0.09	91.10	99.73	13.53	65.069	97.054	12.829	1.13	91.10
2.58	0.09	92.74	99.82	13.60	64.506	97.112	12.877	1.15	92.74
2.59	0.09	94.37	99.91	13.67	63.944	97.169	12.925	1.17	94.37
2.60	0.09	96.00	100.00	13.75	63.427	97.226	12.974	1.19	96.00

HEAD ASH %	13.75	CLEAN COAL ASH %	12.97	REFUSE ASH %	40.79
THEO. YIELD	98.96	CLEAN COAL YIELD%	97.23	REFUSE YIELD%	2.77
SG OF SEPARATION	2.485	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	1.800	IMPERFECTION	0.379		
ORGANIC EFFCY.	98.25				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 5 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.65 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	0.36	0.08	0.36	0.08	99.658	0.359	0.080	0.04	0.08
1.25	0.49	0.15	0.85	0.12	99.630	0.847	0.120	0.05	0.15
1.26	0.63	0.21	1.48	0.16	99.602	1.474	0.159	0.08	0.21
1.27	0.76	0.28	2.24	0.20	99.572	2.231	0.200	0.10	0.28
1.28	0.90	0.35	3.14	0.24	99.542	3.127	0.243	0.12	0.35
1.29	1.03	0.41	4.17	0.28	99.512	4.152	0.284	0.15	0.41
1.30	1.17	0.48	5.34	0.33	99.481	5.316	0.327	0.18	0.48
1.31	1.31	0.55	6.65	0.37	99.449	6.619	0.371	0.22	0.55
1.32	1.45	0.79	8.10	0.45	99.417	8.060	0.446	0.26	0.79
1.33	1.59	1.21	9.69	0.57	99.384	9.641	0.571	0.30	1.21
1.34	1.73	1.63	11.42	0.73	99.351	11.359	0.731	0.34	1.63
1.35	1.87	2.05	13.29	0.92	99.317	13.216	0.917	0.39	2.05
1.36	2.01	2.46	15.30	1.12	99.282	15.212	1.119	0.44	2.46
1.37	2.15	2.87	17.45	1.34	99.248	17.346	1.334	0.49	2.87
1.38	2.29	3.28	19.74	1.56	99.212	19.618	1.560	0.54	3.28
1.39	2.44	3.68	22.18	1.79	99.177	22.038	1.793	0.61	3.68
1.40	2.58	4.09	24.76	2.03	99.141	24.596	2.032	0.67	4.09
1.41	3.01	4.25	27.77	2.27	99.104	27.579	2.271	0.81	4.25
1.42	3.62	4.42	31.39	2.52	99.067	31.165	2.519	1.02	4.42
1.43	4.07	4.59	35.46	2.76	99.030	35.195	2.756	1.19	4.59
1.44	4.35	4.75	39.81	2.98	98.992	39.502	2.973	1.32	4.75
1.45	4.46	4.92	44.27	3.17	98.962	43.915	3.169	1.40	4.92
1.46	4.42	5.82	48.69	3.41	98.923	48.288	3.409	1.44	5.82
1.47	4.21	6.71	52.90	3.67	98.884	52.451	3.671	1.42	6.71
1.48	3.84	7.60	56.74	3.94	98.844	56.246	3.936	1.34	7.60
1.49	3.30	8.48	60.04	4.19	98.802	59.507	4.185	1.19	8.48
1.50	2.60	9.36	62.64	4.40	98.759	62.075	4.399	0.97	9.36
1.51	2.15	10.30	64.79	4.60	98.715	64.197	4.594	0.83	10.30
1.52	2.05	11.23	66.84	4.80	98.669	66.220	4.797	0.82	11.23
1.53	1.94	12.16	68.78	5.01	98.622	68.133	5.004	0.81	12.16
1.54	1.82	13.08	70.60	5.22	98.572	69.927	5.211	0.78	13.08
1.55	1.69	14.00	72.29	5.42	98.521	71.592	5.415	0.76	14.00
1.56	1.55	14.84	73.84	5.62	98.467	73.118	5.612	0.72	14.84
1.57	1.40	15.68	75.24	5.81	98.411	74.496	5.798	0.67	15.68
1.58	1.25	16.51	76.49	5.98	98.352	75.725	5.972	0.62	16.51
1.59	1.08	17.34	77.57	6.14	98.290	76.787	6.129	0.56	17.34
1.60	0.91	18.16	78.48	6.28	98.226	77.681	6.268	0.49	18.16
1.61	0.83	19.18	79.31	6.42	98.159	78.495	6.402	0.46	19.18
1.62	0.83	20.18	80.14	6.56	98.088	79.309	6.543	0.48	20.18
1.63	0.82	21.18	80.96	6.71	98.014	80.113	6.690	0.49	21.18
1.64	0.80	22.17	81.76	6.86	97.937	80.897	6.840	0.50	22.17
1.65	0.76	23.16	82.52	7.01	97.856	81.640	6.989	0.49	23.16
1.66	0.71	23.62	83.23	7.15	97.771	82.335	7.129	0.48	23.62
1.67	0.65	24.08	83.88	7.28	97.682	82.970	7.259	0.45	24.08
1.68	0.57	24.53	84.45	7.40	97.590	83.526	7.374	0.41	24.53
1.69	0.47	24.99	84.92	7.50	97.492	83.984	7.470	0.36	24.99
1.70	0.37	25.44	85.29	7.57	97.391	84.344	7.547	0.29	25.44
1.71	0.31	25.85	85.60	7.64	97.285	84.646	7.612	0.25	25.85
1.72	0.30	26.27	85.90	7.70	97.174	84.937	7.676	0.26	26.27

1.73	0.30	26.68	86.20	7.77	97.058	85.229	7.741	0.27	26.68
1.74	0.30	27.09	86.50	7.84	96.937	85.519	7.806	0.28	27.09
1.75	0.29	27.49	86.79	7.90	96.811	85.800	7.871	0.28	27.49
1.76	0.28	28.47	87.07	7.97	96.679	86.071	7.936	0.28	28.47
1.77	0.27	29.45	87.34	8.04	96.542	86.332	8.001	0.28	29.45
1.78	0.26	30.42	87.60	8.10	96.399	86.582	8.066	0.28	30.42
1.79	0.25	31.38	87.85	8.17	96.250	86.823	8.130	0.28	31.38
1.80	0.23	32.34	88.08	8.23	96.096	87.044	8.192	0.27	32.34
1.81	0.23	33.11	88.31	8.30	95.830	87.264	8.255	0.29	33.11
1.82	0.24	33.87	88.55	8.37	95.645	87.494	8.322	0.32	33.87
1.83	0.24	34.63	88.79	8.44	95.446	87.723	8.390	0.33	34.63
1.84	0.24	35.39	89.03	8.51	95.236	87.951	8.461	0.35	35.39
1.85	0.23	36.14	89.26	8.58	95.016	88.170	8.529	0.35	36.14
1.86	0.23	36.92	89.49	8.65	94.789	88.388	8.599	0.36	36.92
1.87	0.21	37.69	89.70	8.72	94.556	88.587	8.664	0.35	37.69
1.88	0.20	38.46	89.90	8.79	94.320	88.775	8.728	0.34	38.46
1.89	0.18	39.22	90.08	8.85	94.082	88.945	8.786	0.32	39.22
1.90	0.16	39.98	90.24	8.90	93.844	89.095	8.838	0.30	39.98
1.91	0.14	40.59	90.38	8.95	93.609	89.226	8.885	0.27	40.59
1.92	0.14	41.19	90.52	9.00	93.522	89.357	8.932	0.27	41.19
1.93	0.13	41.79	90.65	9.05	93.303	89.478	8.977	0.26	41.79
1.94	0.13	42.39	90.78	9.10	93.069	89.599	9.022	0.27	42.39
1.95	0.12	42.99	90.90	9.14	92.873	89.710	9.064	0.26	42.99
1.96	0.12	43.89	91.02	9.19	92.649	89.822	9.107	0.27	43.89
1.97	0.12	44.79	91.14	9.23	92.410	89.932	9.151	0.28	44.79
1.98	0.13	45.68	91.27	9.29	92.152	90.052	9.200	0.31	45.68
1.99	0.13	46.57	91.40	9.34	91.867	90.172	9.249	0.32	46.57
2.00	0.13	47.45	91.53	9.39	91.550	90.291	9.300	0.33	47.45
2.01	0.14	48.10	91.67	9.45	91.194	90.418	9.356	0.37	48.10
2.02	0.14	48.74	91.81	9.51	90.594	90.545	9.410	0.40	48.74
2.03	0.15	49.38	91.96	9.58	90.176	90.680	9.469	0.44	49.38
2.04	0.15	50.02	92.11	9.64	89.748	90.815	9.529	0.46	50.02
2.05	0.15	50.65	92.26	9.71	89.311	90.949	9.590	0.48	50.65
2.06	0.15	51.47	92.41	9.78	88.867	91.082	9.651	0.50	51.47
2.07	0.15	52.29	92.56	9.85	88.416	91.215	9.713	0.52	52.29
2.08	0.15	53.11	92.71	9.92	87.961	91.347	9.776	0.55	53.11
2.09	0.14	53.92	92.85	9.98	87.502	91.469	9.835	0.53	53.92
2.10	0.14	54.72	92.99	10.05	87.041	91.591	9.895	0.55	54.72
2.11	0.12	55.58	93.11	10.11	86.579	91.695	9.947	0.49	55.58
2.12	0.10	56.44	93.21	10.16	86.118	91.781	9.990	0.42	56.44
2.13	0.08	57.29	93.29	10.20	85.659	91.850	10.025	0.35	57.29
2.14	0.06	58.14	93.35	10.23	85.203	91.901	10.052	0.27	58.14
2.15	0.05	58.98	93.40	10.26	84.752	91.943	10.075	0.23	58.98
2.16	0.04	59.82	93.44	10.28	84.307	91.977	10.093	0.19	59.82
2.17	0.03	60.66	93.47	10.29	83.870	92.002	10.107	0.15	60.66
2.18	0.02	61.49	93.49	10.30	83.565	92.019	10.116	0.10	61.49
2.19	0.01	62.32	93.50	10.31	83.133	92.027	10.121	0.05	62.32
2.20	0.01	63.15	93.51	10.32	82.702	92.036	10.126	0.05	63.15
2.21	0.01	63.53	93.52	10.32	82.272	92.044	10.130	0.05	63.53
2.22	0.01	63.92	93.53	10.33	81.844	92.052	10.135	0.05	63.92
2.23	0.01	64.30	93.54	10.33	81.417	92.060	10.140	0.06	64.30
2.24	0.02	64.68	93.56	10.34	80.990	92.076	10.150	0.11	64.68
2.25	0.02	65.06	93.58	10.36	80.564	92.092	10.159	0.12	65.06
2.26	0.03	65.44	93.61	10.37	80.138	92.116	10.174	0.18	65.44
2.27	0.05	65.82	93.66	10.40	79.712	92.156	10.198	0.31	65.82
2.28	0.06	66.19	93.72	10.44	79.286	92.204	10.227	0.38	66.19
2.29	0.08	66.57	93.80	10.49	78.860	92.267	10.265	0.51	66.57
2.30	0.10	66.94	93.90	10.55	78.432	92.345	10.313	0.65	66.94
2.31	0.14	66.94	94.04	10.63	78.004	92.455	10.380	0.93	66.94
2.32	0.15	66.94	94.19	10.72	77.574	92.571	10.451	1.02	66.94
2.33	0.16	66.94	94.35	10.82	77.143	92.694	10.526	1.10	66.94
2.34	0.17	66.94	94.52	10.92	76.710	92.825	10.606	1.20	66.94

2.35	0.17	66.94	94.69	11.02	76.275	92.954	10.684	1.22	66.94
2.36	0.18	66.94	94.87	11.12	75.838	93.091	10.767	1.31	66.94
2.37	0.19	66.94	95.06	11.24	75.398	93.234	10.853	1.41	66.94
2.38	0.20	66.94	95.26	11.35	74.956	93.384	10.943	1.51	66.94
2.39	0.21	66.94	95.47	11.47	74.550	93.541	11.037	1.61	66.94
2.40	0.22	66.94	95.69	11.60	74.089	93.704	11.134	1.72	66.94
2.41	0.23	66.94	95.92	11.73	73.616	93.873	11.235	1.83	66.94
2.42	0.23	66.94	96.15	11.87	73.133	94.041	11.334	1.87	66.94
2.43	0.24	66.94	96.39	12.00	72.640	94.216	11.437	1.98	66.94
2.44	0.25	66.94	96.64	12.15	72.138	94.396	11.543	2.10	66.94
2.45	0.26	66.94	96.90	12.29	71.627	94.582	11.652	2.23	66.94
2.46	0.18	68.93	97.08	12.40	71.109	94.710	11.730	1.57	68.93
2.47	0.18	70.92	97.26	12.51	70.583	94.837	11.809	1.60	70.92
2.48	0.19	72.89	97.45	12.62	70.051	94.970	11.895	1.72	72.89
2.49	0.19	74.86	97.64	12.75	69.512	95.102	11.982	1.75	74.86
2.50	0.20	76.82	97.84	12.88	68.969	95.240	12.076	1.87	76.82
2.51	0.20	78.77	98.04	13.01	68.421	95.377	12.172	1.91	78.77
2.52	0.21	80.72	98.25	13.16	67.868	95.520	12.274	2.04	80.72
2.53	0.21	82.65	98.46	13.30	67.313	95.661	12.378	2.07	82.65
2.54	0.21	84.58	98.67	13.46	66.754	95.801	12.484	2.11	84.58
2.55	0.22	86.50	98.89	13.62	66.194	95.947	12.596	2.25	86.50
2.56	0.22	88.42	99.11	13.78	65.632	96.091	12.710	2.28	88.42
2.57	0.23	90.32	99.34	13.96	65.069	96.241	12.831	2.43	90.32
2.58	0.23	92.22	99.57	14.14	64.506	96.389	12.953	2.47	92.22
2.59	0.23	94.12	99.80	14.33	63.944	96.536	13.077	2.50	94.12
2.60	0.24	96.00	100.04	14.52	63.427	96.689	13.207	2.65	96.00

HEAD ASH %	14.52	CLEAN COAL ASH %	13.21	REFUSE ASH %	52.91
THEO. YIELD	98.32	CLEAN COAL YIELD%	96.69	REFUSE YIELD%	3.31
SG OF SEPARATION	2.523	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	3.766	IMPERFECTION	0.379		
ORGANIC EFFCY.	98.34				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 6 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 11.53 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	0.56	0.12	0.56	0.12	99.658	0.558	0.120	0.02	0.12
1.25	0.58	0.23	1.14	0.18	99.630	1.136	0.176	0.02	0.23
1.26	0.61	0.33	1.75	0.23	99.602	1.744	0.230	0.02	0.33
1.27	0.63	0.44	2.38	0.29	99.572	2.371	0.285	0.03	0.44
1.28	0.65	0.54	3.03	0.34	99.542	3.018	0.340	0.03	0.54
1.29	0.68	0.65	3.71	0.40	99.512	3.695	0.397	0.03	0.65
1.30	0.71	0.75	4.42	0.45	99.481	4.401	0.453	0.04	0.75
1.31	0.73	0.85	5.15	0.51	99.449	5.127	0.510	0.04	0.85
1.32	0.76	1.17	5.91	0.59	99.417	5.882	0.594	0.04	1.17
1.33	0.79	1.71	6.70	0.73	99.384	6.668	0.726	0.05	1.71
1.34	0.82	2.25	7.52	0.89	99.351	7.482	0.892	0.05	2.25
1.35	0.85	2.78	8.37	1.08	99.317	8.326	1.083	0.06	2.78
1.36	0.88	3.31	9.25	1.30	99.282	9.200	1.295	0.06	3.31
1.37	0.91	3.83	10.16	1.52	99.248	10.103	1.521	0.07	3.83
1.38	0.95	4.35	11.11	1.76	99.212	11.046	1.763	0.07	4.35
1.39	0.98	4.87	12.09	2.02	99.177	12.018	2.014	0.08	4.87
1.40	1.02	5.38	13.11	2.28	99.141	13.029	2.275	0.09	5.38
1.41	1.06	5.61	14.17	2.53	99.104	14.079	2.524	0.09	5.61
1.42	1.10	5.83	15.27	2.77	99.067	15.169	2.762	0.10	5.83
1.43	1.14	6.06	16.41	2.99	99.030	16.298	2.990	0.11	6.06
1.44	1.17	6.28	17.58	3.21	98.992	17.456	3.208	0.12	6.28
1.45	1.21	6.51	18.79	3.43	98.962	18.654	3.420	0.13	6.51
1.46	1.24	7.41	20.03	3.67	98.923	19.880	3.666	0.13	7.41
1.47	1.27	8.31	21.30	3.95	98.884	21.136	3.942	0.14	8.31
1.48	1.29	9.21	22.59	4.25	98.844	22.411	4.242	0.15	9.21
1.49	1.31	10.10	23.90	4.57	98.802	23.706	4.562	0.16	10.10
1.50	1.33	10.98	25.23	4.91	98.759	25.019	4.899	0.16	10.98
1.51	1.40	11.54	26.63	5.26	98.715	26.401	5.246	0.18	11.54
1.52	1.50	12.09	28.13	5.62	98.669	27.881	5.610	0.20	12.09
1.53	1.57	12.64	29.70	5.99	98.622	29.430	5.980	0.22	12.64
1.54	1.61	13.19	31.31	6.36	98.572	31.017	6.349	0.23	13.19
1.55	1.63	13.73	32.94	6.73	98.521	32.622	6.712	0.24	13.73
1.56	1.61	15.09	34.55	7.12	98.467	34.208	7.100	0.25	15.09
1.57	1.57	16.44	36.12	7.52	98.411	35.753	7.504	0.25	16.44
1.58	1.51	17.78	37.63	7.93	98.352	37.238	7.914	0.25	17.78
1.59	1.41	19.12	39.04	8.34	98.290	38.624	8.316	0.24	19.12
1.60	1.29	20.44	40.33	8.72	98.226	39.891	8.701	0.23	20.44
1.61	1.19	21.56	41.52	9.09	98.159	41.059	9.067	0.22	21.56
1.62	1.14	22.67	42.66	9.45	98.088	42.177	9.427	0.22	22.67
1.63	1.08	23.77	43.74	9.81	98.014	43.236	9.779	0.21	23.77
1.64	1.03	24.87	44.77	10.15	97.937	44.244	10.123	0.21	24.87
1.65	0.97	25.96	45.74	10.49	97.856	45.194	10.455	0.21	25.96
1.66	0.92	26.46	46.66	10.80	97.771	46.093	10.768	0.20	26.46
1.67	0.86	26.96	47.52	11.10	97.682	46.933	11.057	0.20	26.96
1.68	0.81	27.45	48.33	11.37	97.590	47.724	11.329	0.19	27.45
1.69	0.75	27.95	49.08	11.62	97.492	48.458	11.580	0.19	27.95
1.70	0.69	28.44	49.77	11.86	97.391	49.127	11.810	0.18	28.44
1.71	0.66	28.94	50.43	12.08	97.285	49.769	12.031	0.18	28.94
1.72	0.66	29.45	51.09	12.31	97.174	50.410	12.253	0.19	29.45

1.73	0.66	29.95	51.75	12.53	97.058	51.051	12.475	0.19	29.95
1.74	0.65	30.45	52.40	12.75	96.937	51.681	12.694	0.20	30.45
1.75	0.65	30.94	53.05	12.98	96.811	52.310	12.914	0.21	30.94
1.76	0.65	31.73	53.70	13.20	96.679	52.939	13.137	0.22	31.73
1.77	0.65	32.51	54.35	13.43	96.542	53.566	13.364	0.22	32.51
1.78	0.66	33.29	55.01	13.67	96.399	54.202	13.598	0.24	33.29
1.79	0.66	34.06	55.67	13.91	96.250	54.838	13.835	0.25	34.06
1.80	0.66	34.83	56.33	14.16	96.096	55.472	14.075	0.26	34.83
1.81	0.68	35.38	57.01	14.41	95.830	56.124	14.322	0.28	35.38
1.82	0.69	35.93	57.70	14.67	95.645	56.784	14.573	0.30	35.93
1.83	0.70	36.47	58.40	14.93	95.446	57.452	14.828	0.32	36.47
1.84	0.70	37.01	59.10	15.19	95.236	58.118	15.083	0.33	37.01
1.85	0.70	37.55	59.80	15.45	95.016	58.783	15.337	0.35	37.55
1.86	0.69	38.31	60.49	15.71	94.789	59.437	15.590	0.36	38.31
1.87	0.68	39.08	61.17	15.97	94.556	60.080	15.841	0.37	39.08
1.88	0.66	39.83	61.83	16.23	94.320	60.703	16.087	0.37	39.83
1.89	0.64	40.59	62.47	16.48	94.082	61.305	16.328	0.38	40.59
1.90	0.61	41.34	63.08	16.72	93.844	61.878	16.559	0.37	41.34
1.91	0.54	41.99	63.62	16.93	93.609	62.383	16.765	0.34	41.99
1.92	0.45	42.65	64.07	17.11	93.522	62.804	16.939	0.29	42.65
1.93	0.38	43.30	64.45	17.27	93.303	63.158	17.087	0.25	43.30
1.94	0.32	43.96	64.77	17.40	93.089	63.456	17.213	0.22	43.96
1.95	0.28	44.62	65.05	17.52	92.873	63.716	17.325	0.20	44.62
1.96	0.26	45.28	65.31	17.63	92.649	63.957	17.430	0.19	45.28
1.97	0.26	45.95	65.57	17.74	92.410	64.198	17.537	0.20	45.95
1.98	0.27	46.62	65.84	17.86	92.152	64.446	17.649	0.21	46.62
1.99	0.30	47.29	66.14	17.99	91.867	64.722	17.775	0.24	47.29
2.00	0.35	47.97	66.49	18.15	91.550	65.042	17.924	0.29	47.97
2.01	0.38	48.51	66.87	18.32	91.194	65.389	18.086	0.33	48.51
2.02	0.39	49.05	67.26	18.50	90.594	65.742	18.252	0.37	49.05
2.03	0.40	49.59	67.66	18.68	90.176	66.103	18.423	0.39	49.59
2.04	0.41	50.12	68.07	18.87	89.748	66.471	18.599	0.42	50.12
2.05	0.41	50.66	68.48	19.06	89.311	66.837	18.775	0.44	50.66
2.06	0.41	51.50	68.89	19.26	88.867	67.201	18.952	0.45	51.50
2.07	0.41	52.34	69.30	19.45	88.416	67.564	19.131	0.47	52.34
2.08	0.40	53.18	69.70	19.65	87.961	67.916	19.307	0.48	53.18
2.09	0.40	54.01	70.10	19.84	87.502	68.266	19.485	0.50	54.01
2.10	0.39	54.84	70.49	20.04	87.041	68.605	19.660	0.50	54.84
2.11	0.35	55.41	70.84	20.21	86.579	68.908	19.818	0.47	55.41
2.12	0.29	55.97	71.13	20.36	86.118	69.158	19.948	0.40	55.97
2.13	0.24	56.53	71.37	20.48	85.659	69.364	20.057	0.34	56.53
2.14	0.19	57.09	71.56	20.58	85.203	69.525	20.143	0.28	57.09
2.15	0.15	57.65	71.71	20.65	84.752	69.653	20.211	0.23	57.65
2.16	0.12	58.20	71.83	20.72	84.307	69.754	20.266	0.19	58.20
2.17	0.09	58.75	71.92	20.76	83.870	69.829	20.308	0.14	58.75
2.18	0.07	59.30	71.99	20.80	83.565	69.888	20.341	0.11	59.30
2.19	0.05	59.85	72.04	20.83	83.133	69.929	20.364	0.08	59.85
2.20	0.04	60.39	72.08	20.85	82.702	69.962	20.383	0.07	60.39
2.21	0.04	61.49	72.12	20.87	82.272	69.995	20.402	0.07	61.49
2.22	0.05	62.59	72.17	20.90	81.844	70.036	20.427	0.09	62.59
2.23	0.06	63.68	72.23	20.94	81.417	70.085	20.457	0.11	63.68
2.24	0.07	64.77	72.30	20.98	80.990	70.142	20.493	0.13	64.77
2.25	0.10	65.86	72.40	21.04	80.564	70.222	20.545	0.19	65.86
2.26	0.13	66.93	72.53	21.12	80.138	70.326	20.614	0.26	66.93
2.27	0.16	68.01	72.69	21.23	79.712	70.454	20.700	0.32	68.01
2.28	0.20	69.08	72.89	21.36	79.286	70.613	20.808	0.41	69.08
2.29	0.25	70.14	73.14	21.52	78.860	70.810	20.946	0.53	70.14
2.30	0.31	71.20	73.45	21.73	78.432	71.053	21.117	0.67	71.20
2.31	0.94	72.32	74.39	22.37	78.004	71.786	21.641	2.06	72.32
2.32	0.94	73.43	75.33	23.01	77.574	72.515	22.161	10	73.43
2.33	.93	74.54	76.26	23.64	77.143	73.233	22.674	12	74.54
2.34	.93	75.64	77.19	24.27	76.710	73.946	23.185	16	75.64

2.35	0.92	76.73	78.11	24.88	76.275	74.648	23.689	2.18	76.73
2.36	0.92	77.83	79.03	25.50	75.838	75.346	24.190	2.22	77.83
2.37	0.92	78.91	79.95	26.11	75.398	76.039	24.689	2.26	78.91
2.38	0.91	80.00	80.86	26.72	74.956	76.721	25.181	2.27	80.00
2.39	0.91	81.08	81.77	27.33	74.550	77.400	25.671	2.31	81.08
2.40	0.90	82.15	82.67	27.92	74.089	78.067	26.153	2.32	82.15
2.41	0.90	83.22	83.57	28.52	73.616	78.729	26.634	2.37	83.22
2.42	0.90	84.29	84.47	29.11	73.133	79.387	27.112	2.41	84.29
2.43	0.89	85.35	85.36	29.70	72.640	80.034	27.582	2.43	85.35
2.44	0.89	86.40	86.25	30.28	72.138	80.676	28.050	2.47	86.40
2.45	0.89	87.45	87.14	30.87	71.627	81.313	28.516	2.52	87.45
2.46	0.88	88.04	88.02	31.44	71.109	81.939	28.971	2.53	88.04
2.47	0.88	88.62	88.90	32.01	70.583	82.560	29.419	2.58	88.62
2.48	0.87	89.20	89.77	32.56	70.051	83.170	29.857	2.60	89.20
2.49	0.87	89.78	90.64	33.11	69.512	83.774	30.290	2.64	89.78
2.50	0.87	90.36	91.61	33.65	68.969	84.374	30.717	2.69	90.36
2.51	0.86	90.93	92.37	34.19	68.421	84.963	31.134	2.71	90.93
2.52	0.86	91.51	93.23	34.72	67.868	85.547	31.546	2.75	91.51
2.53	0.86	92.08	94.09	35.24	67.313	86.125	31.953	2.80	92.08
2.54	0.85	92.64	94.94	35.75	66.754	86.693	32.350	2.82	92.64
2.55	0.85	93.21	95.79	36.26	66.194	87.255	32.743	2.86	93.21
2.56	0.85	93.77	96.64	36.77	65.632	87.813	33.130	2.91	93.77
2.57	0.84	94.33	97.48	37.27	65.069	88.360	33.509	2.92	94.33
2.58	0.84	94.89	98.32	37.76	64.506	88.902	33.883	2.97	94.89
2.59	0.84	95.45	99.16	38.25	63.944	89.439	34.253	3.02	95.45
2.60	0.83	96.00	99.99	38.73	63.427	89.965	34.614	3.03	96.00

HEAD ASH %	38.73	CLEAN COAL ASH %	34.61	REFUSE ASH %	75.59
THEO. YIELD	93.07	CLEAN COAL YIELD%	89.97	REFUSE YIELD%	10.03
SG OF SEPARATION	2.518	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT.	15.702	IMPERFECTION	0.379		
ORGANIC EFFCY.	96.67				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 7 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

---------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.36 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	0.65	0.24	0.65	0.24	99.658	0.648	0.240	0.02	0.24
1.25	0.65	0.47	1.30	0.35	99.630	1.295	0.355	0.03	0.47
1.26	0.64	0.69	1.94	0.47	99.602	1.933	0.465	0.03	0.69
1.27	0.64	0.91	2.58	0.58	99.572	2.570	0.576	0.03	0.91
1.28	0.63	1.14	3.21	0.69	99.542	3.197	0.686	0.03	1.14
1.29	0.63	1.36	3.84	0.80	99.512	3.824	0.797	0.03	1.36
1.30	0.62	1.57	4.46	0.90	99.481	4.441	0.904	0.04	1.57
1.31	0.62	1.79	5.08	1.01	99.449	5.057	1.012	0.04	1.79
1.32	0.61	2.05	5.69	1.12	99.417	5.664	1.123	0.04	2.05
1.33	0.61	2.36	6.30	1.24	99.384	6.270	1.243	0.04	2.36
1.34	0.60	2.67	6.90	1.37	99.351	6.866	1.367	0.04	2.67
1.35	0.60	2.98	7.50	1.50	99.317	7.462	1.496	0.05	2.98
1.36	0.60	3.28	8.10	1.63	99.282	8.058	1.628	0.05	3.28
1.37	0.59	3.58	8.69	1.76	99.248	8.643	1.760	0.05	3.58
1.38	0.59	3.88	9.28	1.90	99.212	9.229	1.894	0.05	3.88
1.39	0.58	4.18	9.86	2.03	99.177	9.804	2.028	0.05	4.18
1.40	0.58	4.47	10.44	2.17	99.141	10.379	2.164	0.06	4.47
1.41	2.45	4.68	12.89	2.64	99.104	12.807	2.641	0.25	4.68
1.42	3.08	4.89	15.97	3.08	99.067	15.858	3.073	0.32	4.89
1.43	3.53	5.10	19.50	3.44	99.030	19.354	3.440	0.39	5.10
1.44	3.82	5.31	23.32	3.75	98.992	23.136	3.745	0.43	5.31
1.45	3.93	5.51	27.25	4.00	98.962	27.025	3.999	0.46	5.51
1.46	3.87	6.43	31.12	4.30	98.923	30.853	4.301	0.47	6.43
1.47	3.65	7.35	34.77	4.62	98.884	34.462	4.620	0.46	7.35
1.48	3.25	8.26	38.02	4.94	98.844	37.675	4.931	0.42	8.26
1.49	2.68	9.17	40.70	5.21	98.802	40.323	5.209	0.36	9.17
1.50	1.94	10.06	42.64	5.43	98.759	42.239	5.429	0.27	10.06
1.51	1.49	10.96	44.13	5.62	98.715	43.710	5.615	0.22	10.96
1.52	1.44	11.85	45.57	5.82	98.669	45.130	5.811	0.22	11.85
1.53	1.39	12.74	46.96	6.02	98.622	46.501	6.016	0.22	12.74
1.54	1.33	13.62	48.29	6.23	98.572	47.812	6.224	0.21	13.62
1.55	1.26	14.49	49.55	6.44	98.521	49.054	6.433	0.21	14.49
1.56	1.19	15.08	50.74	6.64	98.467	50.225	6.635	0.21	15.08
1.57	1.11	15.66	51.85	6.84	98.411	51.318	6.827	0.20	15.66
1.58	1.03	16.24	52.88	7.02	98.352	52.331	7.009	0.19	16.24
1.59	0.95	16.81	53.83	7.19	98.290	53.264	7.181	0.18	16.81
1.60	0.86	17.38	54.69	7.35	98.226	54.109	7.340	0.17	17.38
1.61	0.83	17.97	55.52	7.51	98.159	54.924	7.498	0.17	17.97
1.62	0.86	18.55	56.38	7.68	98.088	55.787	7.665	0.18	18.55
1.63	0.87	19.13	57.25	7.85	98.014	56.620	7.838	0.19	19.13
1.64	0.86	19.70	58.11	8.03	97.937	57.462	8.012	0.20	19.70
1.65	0.83	20.27	58.94	8.20	97.856	58.275	8.183	0.20	20.27
1.66	0.78	21.28	59.72	8.37	97.771	59.037	8.352	0.20	21.28
1.67	0.71	22.27	60.43	8.54	97.682	59.731	8.513	0.19	22.27
1.68	0.63	23.26	61.06	8.69	97.590	60.346	8.664	0.17	23.26
1.69	0.52	24.25	61.58	8.82	97.492	60.853	8.794	0.15	24.25
1.70	0.40	25.23	61.98	8.93	97.391	61.242	8.898	0.12	25.23
1.71	.32	26.07	62.30	9.01	97.285	61.553	8.985	0	26.07
1.72	.31	26.91	62.61	9.10	97.174	61.855	9.072	10	26.91

1.73	0.30	27.75	62.91	9.19	97.058	62.146	9.160	0.10	27.75
1.74	0.29	28.58	63.20	9.28	96.937	62.427	9.247	0.10	28.58
1.75	0.29	29.40	63.49	9.37	96.811	62.708	9.337	0.10	29.40
1.76	0.29	30.12	63.78	9.47	96.679	62.988	9.430	0.11	30.12
1.77	0.28	30.84	64.07	9.56	96.542	63.268	9.525	0.11	30.84
1.78	0.30	31.55	64.37	9.67	96.399	63.557	9.625	0.12	31.55
1.79	0.31	32.26	64.68	9.77	96.250	63.856	9.731	0.13	32.26
1.80	0.32	32.96	65.00	9.89	96.096	64.163	9.842	0.14	32.96
1.81	0.33	33.52	65.33	10.01	95.830	64.479	9.958	0.15	33.52
1.82	0.33	34.08	65.66	10.13	95.645	64.795	10.076	0.16	34.08
1.83	0.34	34.63	66.00	10.25	95.446	65.120	10.198	0.17	34.63
1.84	0.34	35.18	66.34	10.38	95.236	65.443	10.322	0.18	35.18
1.85	0.34	35.73	66.68	10.51	95.016	65.766	10.446	0.19	35.73
1.86	0.34	36.49	67.02	10.64	94.789	66.089	10.573	0.20	36.49
1.87	0.33	37.24	67.35	10.77	94.556	66.401	10.699	0.20	37.24
1.88	0.33	37.99	67.68	10.91	94.320	66.712	10.826	0.21	37.99
1.89	0.32	38.73	68.00	11.04	94.082	67.013	10.951	0.21	38.73
1.90	0.31	39.47	68.31	11.17	93.844	67.304	11.075	0.21	39.47
1.91	0.28	39.89	68.59	11.28	93.609	67.566	11.187	0.20	39.89
1.92	0.24	40.31	68.83	11.38	93.522	67.791	11.283	0.17	40.31
1.93	0.20	40.72	69.03	11.47	93.303	67.977	11.364	0.15	40.72
1.94	0.18	41.14	69.21	11.55	93.089	68.145	11.437	0.14	41.14
1.95	0.17	41.55	69.38	11.62	92.873	68.303	11.507	0.14	41.55
1.96	0.16	42.71	69.54	11.69	92.649	68.451	11.574	0.13	42.71
1.97	0.16	43.86	69.70	11.77	92.410	68.599	11.644	0.14	43.86
1.98	0.17	45.01	69.87	11.85	92.152	68.755	11.720	0.15	45.01
1.99	0.19	46.15	70.06	11.94	91.867	68.930	11.807	0.17	46.15
2.00	0.22	47.29	70.28	12.05	91.550	69.131	11.910	0.21	47.29
2.01	0.25	48.15	70.53	12.18	91.194	69.359	12.029	0.25	48.15
2.02	0.28	49.01	70.81	12.32	90.594	69.613	12.164	0.30	49.01
2.03	0.30	49.86	71.11	12.48	90.176	69.883	12.310	0.33	49.86
2.04	0.31	50.71	71.42	12.65	89.748	70.162	12.462	0.36	50.71
2.05	0.32	51.56	71.74	12.82	89.311	70.447	12.621	0.38	51.56
2.06	0.32	52.35	72.06	13.00	88.867	70.732	12.781	0.40	52.35
2.07	0.32	53.14	72.38	13.17	88.416	71.015	12.942	0.42	53.14
2.08	0.32	53.93	72.70	13.35	87.961	71.296	13.103	0.43	53.93
2.09	0.30	54.71	73.00	13.52.	87.502	71.559	13.256	0.42	54.71
2.10	0.29	55.49	73.29	13.69	87.041	71.811	13.404	0.42	55.49
2.11	0.25	56.15	73.54	13.83	86.579	72.028	13.533	0.38	56.15
2.12	0.21	56.80	73.75	13.96	86.118	72.208	13.641	0.33	56.80
2.13	0.17	57.45	73.92	14.06	85.658	72.354	13.729	0.27	57.45
2.14	0.14	58.10	74.06	14.14	85.203	72.473	13.802	0.23	58.10
2.15	0.11	58.75	74.17	14.21	84.752	72.567	13.860	0.19	58.75
2.16	0.09	59.39	74.26	14.26	84.307	72.643	13.908	0.16	59.39
2.17	0.07	60.03	74.33	14.30	83.870	72.701	13.945	0.13	60.03
2.18	0.05	60.66	74.38	14.34	83.565	72.743	13.972	0.09	60.66
2.19	0.04	61.30	74.42	14.36	83.133	72.776	13.994	0.08	61.30
2.20	0.04	61.93	74.46	14.39	82.702	72.809	14.015	0.08	61.93
2.21	0.03	62.71	74.49	14.41	82.272	72.834	14.032	0.06	62.71
2.22	0.04	63.49	74.53	14.43	81.844	72.867	14.054	0.08	63.49
2.23	0.05	64.27	74.58	14.47	81.417	72.907	14.082	0.10	64.27
2.24	0.06	65.04	74.64	14.51	80.990	72.956	14.116	0.13	65.04
2.25	0.08	65.81	74.72	14.56	80.564	73.020	14.162	0.17	65.81
2.26	0.10	66.57	74.82	14.63	80.138	73.101	14.219	0.22	66.57
2.27	0.13	67.34	74.95	14.72	79.712	73.204	14.294	0.30	67.34
2.28	0.16	68.10	75.11	14.84	79.286	73.331	14.387	0.37	68.10
2.29	0.20	68.85	75.31	14.98	78.860	73.489	14.504	0.48	68.85
2.30	0.24	69.60	75.55	15.15	78.432	73.677	14.645	0.58	69.60
2.31	0.87	70.13	76.42	15.78	78.004	74.356	15.161	2.15	70.13
2.32	0.86	70.64	77.28	16.39	77.574	75.023	15.645	2.17	70.64
2.33	0.86	71.16	78.14	16.99	77.143	75.686	16.131	2.21	71.16
2.34	0.85	71.68	78.99	17.58	76.710	76.338	16.606	2.23	71.68

2.35	0.85	72.19	79.84	18.16	76.275	76.987	17.074	2.27	72.19
2.36	0.85	72.70	80.69	18.74	75.838	77.631	17.536	2.31	72.70
2.37	0.84	73.21	81.53	19.30	75.398	78.265	17.987	2.32	73.21
2.38	0.84	73.72	82.37	19.85	74.956	78.894	18.431	2.37	73.72
2.39	0.84	74.22	83.21	20.40	74.550	79.520	18.871	2.40	74.22
2.40	0.83	74.72	84.04	20.94	74.089	80.135	19.299	2.42	74.72
2.41	0.83	75.22	84.87	21.47	73.616	80.746	19.722	2.46	75.22
2.42	0.83	75.72	85.70	21.99	73.133	81.353	20.140	2.51	75.72
2.43	0.82	76.22	86.52	22.51	72.640	81.949	20.548	2.52	76.22
2.44	0.82	76.71	87.34	23.02	72.138	82.541	20.950	2.57	76.71
2.45	0.82	77.20	88.16	23.52	71.627	83.128	21.348	2.62	77.20
2.46	0.81	78.49	88.97	24.02	71.109	83.704	21.741	2.63	78.49
2.47	0.81	79.78	89.78	24.52	70.583	84.276	22.135	2.68	79.78
2.48	0.81	81.05	90.59	25.03	70.051	84.843	22.529	2.73	81.05
2.49	0.80	82.33	91.39	25.53	69.512	85.399	22.918	2.74	82.33
2.50	0.80	83.59	92.19	26.04	68.969	85.951	23.308	2.79	83.59
2.51	0.80	84.86	92.99	26.54	68.421	86.498	23.697	2.84	84.86
2.52	0.79	86.11	93.78	27.04	67.868	87.034	24.082	2.85	86.11
2.53	0.79	87.37	94.57	27.55	67.313	87.566	24.466	2.90	87.37
2.54	0.79	88.61	95.36	28.05	66.754	88.094	24.850	2.95	88.61
2.55	0.78	89.86	96.14	28.55	66.194	88.610	25.229	2.97	89.86
2.56	0.78	91.10	96.92	29.06	65.632	89.122	25.607	3.01	91.10
2.57	0.78	92.33	97.70	29.56	65.069	89.629	25.985	3.06	92.33
2.58	0.77	93.56	98.47	30.06	64.506	90.126	26.357	3.07	93.56
2.59	0.77	94.78	99.24	30.57	63.944	90.618	26.729	3.12	94.78
2.60	0.77	96.00	100.01	31.07	63.427	91.107	27.101	3.17	96.00

HEAD ASH %	31.07	CLEAN COAL ASH %	27.10	REFUSE ASH %	71.73
THEO. YIELD	93.87	CLEAN COAL YIELD%	91.11	REFUSE YIELD%	8.89
SG OF SEPARATION	2.521	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	14.206	IMPERFECTION	0.379		
ORGANIC EFFCY.	97.06				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 8 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 14.63 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. SINK WT%	CUM. SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	1.99	0.19	1.99	0.19	99.658	1.983	0.190	0.15	0.19
1.25	2.02	0.36	4.01	0.28	99.630	3.996	0.276	0.17	0.36
1.26	2.05	0.54	6.06	0.37	99.602	6.038	0.365	0.18	0.54
1.27	2.08	0.71	8.14	0.45	99.572	8.109	0.453	0.20	0.71
1.28	2.11	0.88	10.25	0.54	99.542	10.209	0.541	0.21	0.88
1.29	2.13	1.05	12.38	0.63	99.512	12.329	0.628	0.23	1.05
1.30	2.15	1.22	14.53	0.72	99.481	14.467	0.716	0.25	1.22
1.31	2.17	1.38	16.70	0.80	99.449	16.626	0.802	0.26	1.38
1.32	2.19	1.67	18.89	0.90	99.417	18.803	0.903	0.28	1.67
1.33	2.21	2.07	21.10	1.03	99.384	20.999	1.025	0.30	2.07
1.34	2.22	2.48	23.32	1.16	99.351	23.205	1.163	0.32	2.48
1.35	2.23	2.87	25.55	1.31	99.317	25.419	1.312	0.34	2.87
1.36	2.23	3.27	27.78	1.47	99.282	27.633	1.469	0.35	3.27
1.37	2.24	3.66	30.02	1.63	99.248	29.857	1.632	0.37	3.66
1.38	2.24	4.05	32.26	1.80	99.212	32.079	1.799	0.39	4.05
1.39	2.24	4.43	34.50	1.97	99.177	34.301	1.970	0.41	4.43
1.40	2.24	4.82	36.74	2.15	99.141	36.521	2.149	0.43	4.82
1.41	2.35	5.20	39.09	2.33	99.104	38.850	2.326	0.47	5.20
1.42	2.54	5.59	41.63	2.53	99.067	41.367	2.525	0.52	5.59
1.43	2.67	5.97	44.30	2.74	99.030	44.011	2.732	0.57	5.97
1.44	2.75	6.35	47.05	2.95	98.992	46.733	2.943	0.61	6.35
1.45	2.77	6.72	49.82	3.16	98.962	49.474	3.152	0.64	6.72
1.46	2.74	7.86	52.56	3.40	98.923	52.185	3.396	0.65	7.86
1.47	2.66	8.99	55.22	3.67	98.884	54.815	3.665	0.66	8.99
1.48	2.52	10.11	57.74	3.95	98.844	57.306	3.945	0.65	10.11
1.49	2.33	11.22	60.07	4.23	98.802	59.608	4.226	0.62	11.22
1.50	2.08	12.33	62.15	4.50	98.759	61.662	4.496	0.57	12.33
1.51	1.81	13.43	63.96	4.76	98.715	63.449	4.748	0.52	13.43
1.52	1.58	14.53	65.54	4.99	98.669	65.008	4.982	0.47	14.53
1.53	1.38	15.62	66.92	5.21	98.622	66.369	5.200	0.42	15.62
1.54	1.20	16.70	68.12	5.41	98.572	67.552	5.402	0.38	16.70
1.55	1.04	17.77	69.16	5.60	98.521	68.576	5.586	0.34	17.77
1.56	0.91	18.48	70.07	5.77	98.467	69.472	5.753	0.31	18.48
1.57	0.81	19.18	70.88	5.92	98.411	70.269	5.905	0.29	19.18
1.58	0.73	19.89	71.61	6.06	98.352	70.987	6.046	0.27	19.89
1.59	0.67	20.58	72.28	6.20	98.290	71.646	6.180	0.25	20.58
1.60	0.65	21.27	72.93	6.33	98.226	72.284	6.313	0.26	21.27
1.61	0.65	22.20	73.58	6.47	98.159	72.922	6.452	0.27	22.20
1.62	0.65	23.12	74.23	6.62	98.088	73.560	6.597	0.28	23.12
1.63	0.65	24.04	74.88	6.77	98.014	74.197	6.747	0.29	24.04
1.64	0.64	24.95	75.52	6.92	97.937	74.824	6.899	0.29	24.95
1.65	0.61	25.86	76.13	7.08	97.856	75.421	7.049	0.29	25.86
1.66	0.57	26.56	76.70	7.22	97.771	75.978	7.192	0.28	26.56
1.67	0.52	27.26	77.22	7.35	97.682	76.486	7.326	0.27	27.26
1.68	0.46	27.95	77.68	7.46	97.590	76.935	7.446	0.25	27.95
1.69	0.38	28.64	78.06	7.58	97.492	77.305	7.547	0.21	28.64
1.70	0.30	29.33	78.36	7.66	97.391	77.598	7.630	0.17	29.33
1.71	0.24	29.88	78.60	7.73	97.285	77.831	7.696	0.14	29.88
1.72	0.22	30.43	78.82	7.79	97.174	78.045	7.759	0.14	30.43

1.73	0.21	30.97	79.03	7.86	97.058	78.249	7.819	0.14	30.97
1.74	0.20	31.51	79.23	7.92	96.937	78.443	7.878	0.14	31.51
1.75	0.20	32.05	79.43	7.98	96.811	78.636	7.937	0.14	32.05
1.76	0.20	32.79	79.63	8.04	96.679	78.830	7.998	0.15	32.79
1.77	0.20	33.52	79.83	8.10	96.542	79.023	8.060	0.15	33.52
1.78	0.21	34.25	80.04	8.17	96.399	79.225	8.127	0.17	34.25
1.79	0.23	34.97	80.27	8.25	96.250	79.447	8.202	0.19	34.97
1.80	0.25	35.69	80.52	8.33	96.096	79.687	8.285	0.22	35.69
1.81	0.27	36.21	80.79	8.43	95.830	79.945	8.375	0.25	36.21
1.82	0.29	36.73	81.08	8.53	95.645	80.223	8.473	0.28	36.73
1.83	0.30	37.25	81.38	8.63	95.446	80.509	8.576	0.30	37.25
1.84	0.30	37.76	81.68	8.74	95.236	80.795	8.679	0.32	37.76
1.85	0.30	38.27	81.98	8.85	95.016	81.080	8.783	0.33	38.27
1.86	0.30	39.01	82.28	8.96	94.789	81.364	8.889	0.35	39.01
1.87	0.29	39.74	82.57	9.07	94.556	81.639	8.992	0.35	39.74
1.88	0.27	40.47	82.84	9.17	94.320	81.893	9.090	0.34	40.47
1.89	0.25	41.19	83.09	9.27	94.082	82.128	9.182	0.33	41.19
1.90	0.22	41.91	83.31	9.35	93.844	82.335	9.264	0.30	41.91
1.91	0.19	42.39	83.50	9.43	93.609	82.513	9.336	0.27	42.39
1.92	0.15	42.87	83.65	9.49	93.522	82.653	9.392	0.22	42.87
1.93	0.12	43.35	83.77	9.54	93.303	82.765	9.438	0.18	43.35
1.94	0.11	43.82	83.88	9.58	93.089	82.867	9.481	0.17	43.82
1.95	0.09	44.29	83.97	9.62	92.873	82.951	9.516	0.14	44.29
1.96	0.09	45.41	84.06	9.66	92.649	83.034	9.552	0.15	45.41
1.97	0.10	46.52	84.16	9.70	92.410	83.127	9.593	0.17	46.52
1.98	0.11	47.63	84.27	9.75	92.152	83.228	9.639	0.19	47.63
1.99	0.13	48.73	84.40	9.81	91.867	83.348	9.695	0.23	48.73
2.00	0.15	49.82	84.55	9.88	91.550	83.485	9.761	0.28	49.82
2.01	0.17	50.55	84.72	9.96	91.194	83.640	9.837	0.33	50.55
2.02	0.17	51.28	84.89	10.04	90.594	83.794	9.913	0.35	51.28
2.03	0.18	52.01	85.07	10.13	90.176	83.956	9.995	0.39	52.01
2.04	0.18	52.73	85.25	10.22	89.748	84.118	10.077	0.41	52.73
2.05	0.19	53.45	85.44	10.32	89.311	84.287	10.164	0.45	53.45
2.06	0.19	54.46	85.63	10.42	88.867	84.456	10.253	0.47	54.46
2.07	0.20	55.47	85.83	10.52	88.416	84.633	10.347	0.51	55.47
2.08	0.21	56.48	86.04	10.63	87.961	84.818	10.447	0.56	56.48
2.09	0.22	57.48	86.26	10.75	87.502	85.010	10.554	0.61	57.48
2.10	0.23	58.47	86.49	10.88	87.041	85.211	10.667	0.66	58.47
2.11	0.30	59.33	86.79	11.05	86.579	85.470	10.814	0.89	59.33
2.12	0.30	60.19	87.09	11.22	86.118	85.729	10.963	0.92	60.19
2.13	0.30	61.04	87.39	11.39	85.659	85.986	11.113	0.95	61.04
2.14	0.30	61.88	87.69	11.56	85.203	86.241	11.263	0.98	61.88
2.15	0.29	62.72	87.98	11.73	84.752	86.487	11.410	0.98	62.72
2.16	0.29	63.56	88.27	11.90	84.307	86.731	11.557	1.01	63.56
2.17	0.29	64.40	88.56	12.07	83.870	86.975	11.704	1.04	64.40
2.18	0.29	65.23	88.85	12.25	83.585	87.217	11.853	1.06	65.23
2.19	0.29	66.06	89.14	12.42	83.133	87.458	12.003	1.08	66.06
2.20	0.29	66.88	89.43	12.60	82.702	87.698	12.153	1.11	66.88
2.21	0.29	67.70	89.72	12.78	82.272	87.937	12.303	1.14	67.70
2.22	0.29	68.51	90.01	12.95	81.844	88.174	12.455	1.17	68.51
2.23	0.28	69.33	90.29	13.13	81.417	88.402	12.601	1.15	69.33
2.24	0.28	70.14	90.57	13.31	80.990	88.629	12.749	1.18	70.14
2.25	0.28	70.94	90.85	13.48	80.564	88.854	12.896	1.21	70.94
2.26	0.28	71.74	91.13	13.66	80.138	89.079	13.045	1.23	71.74
2.27	0.28	72.54	91.41	13.84	79.712	89.302	13.193	1.26	72.54
2.28	0.28	73.33	91.69	14.02	79.286	89.524	13.342	1.28	73.33
2.29	0.28	74.13	91.97	14.21	78.860	89.745	13.492	1.31	74.13
2.30	0.28	74.91	92.25	14.39	78.432	89.964	13.642	1.34	74.91
2.31	0.27	75.70	92.52	14.57	78.004	90.178	13.787	1.32	75.70
2.32	0.27	76.48	92.79	14.75	77.574	90.384	13.932	1.34	76.48
2.33	0.27	77.25	93.06	14.93	77.143	90.593	14.078	1.37	77.25
2.34	0.27	78.03	93.33	15.11	76.710	90.800	14.224	1.39	78.03

2.35	0.27	78.80	93.60	15.30	76.275	91.006	14.370	1.42	78.80
2.36	0.27	79.52	93.87	15.48	75.838	91.210	14.516	1.45	79.52
2.37	0.27	80.24	94.14	15.67	75.398	91.414	14.662	1.47	80.24
2.38	0.27	80.96	94.41	15.86	74.956	91.616	14.809	1.50	80.96
2.39	0.27	81.67	94.68	16.04	74.550	91.818	14.955	1.52	81.67
2.40	0.26	82.38	94.94	16.22	74.089	92.010	15.097	1.49	82.38
2.41	0.26	83.09	95.20	16.41	73.616	92.202	15.238	1.52	83.09
2.42	0.26	83.79	95.46	16.59	73.133	92.392	15.379	1.55	83.79
2.43	0.26	84.50	95.72	16.78	72.640	92.581	15.520	1.58	84.50
2.44	0.26	85.19	95.98	16.96	72.138	92.768	15.661	1.60	85.19
2.45	0.26	85.89	96.24	17.15	71.627	92.954	15.801	1.63	85.89
2.46	0.26	86.58	96.50	17.33	71.109	93.139	15.942	1.66	86.58
2.47	0.26	87.27	96.76	17.52	70.583	93.323	16.082	1.69	87.27
2.48	0.26	87.96	97.02	17.71	70.051	93.505	16.222	1.73	87.96
2.49	0.25	88.65	97.27	17.89	69.512	93.679	16.356	1.69	88.65
2.50	0.25	89.33	97.52	18.08	68.969	93.851	16.491	1.72	89.33
2.51	0.25	90.01	97.77	18.26	68.421	94.022	16.624	1.75	90.01
2.52	0.25	90.68	98.02	18.44	67.868	94.192	16.758	1.78	90.68
2.53	0.25	91.36	98.27	18.63	67.313	94.360	16.891	1.81	91.36
2.54	0.25	92.03	98.52	18.82	66.754	94.527	17.023	1.84	92.03
2.55	0.25	92.70	98.77	19.00	66.194	94.693	17.156	1.87	92.70
2.56	0.25	93.36	99.02	19.19	65.632	94.857	17.287	1.90	93.36
2.57	0.25	94.03	99.27	19.38	65.069	95.019	17.418	1.93	94.03
2.58	0.25	94.69	99.52	19.57	64.506	95.181	17.550	1.97	94.69
2.59	0.24	95.34	99.76	19.75	63.944	95.334	17.675	1.92	95.34
2.60	0.24	96.00	100.00	19.93	63.427	95.486	17.800	1.94	96.00

HEAD ASH %	19.93	CLEAN COAL ASH %	17.80	REFUSE ASH %	65.08
THEO. YIELD	97.14	CLEAN COAL YIELD%	95.49	REFUSE YIELD%	4.61
SG OF SEPARATION	2.485	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	5.095	IMPERFECTION	0.379		
ORGANIC EFFCY.	98.30				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 11 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 23.80 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	0.48	0.36	0.48	0.36	99.658	0.478	0.360	0.04	0.36
1.25	0.47	0.70	0.95	0.53	99.630	0.947	0.528	0.04	0.70
1.26	0.47	1.04	1.42	0.70	99.602	1.415	0.698	0.05	1.04
1.27	0.46	1.38	1.88	0.86	99.572	1.873	0.864	0.05	1.38
1.28	0.46	1.71	2.34	1.03	99.542	2.331	1.031	0.05	1.71
1.29	0.46	2.04	2.80	1.20	99.512	2.788	1.196	0.06	2.04
1.30	0.45	2.37	3.25	1.36	99.481	3.236	1.359	0.06	2.37
1.31	0.45	2.70	3.70	1.52	99.449	3.684	1.522	0.06	2.70
1.32	0.45	2.95	4.15	1.66	99.417	4.131	1.676	0.07	2.95
1.33	0.44	3.13	4.59	1.82	99.384	4.568	1.815	0.07	3.13
1.34	0.44	3.30	5.03	1.95	99.351	5.005	1.945	0.07	3.30
1.35	0.44	3.47	5.47	2.07	99.317	5.442	2.068	0.07	3.47
1.36	0.43	3.64	5.90	2.18	99.282	5.869	2.182	0.08	3.64
1.37	0.43	3.81	6.33	2.29	99.248	6.296	2.292	0.08	3.81
1.38	0.43	3.98	6.76	2.40	99.212	6.723	2.399	0.08	3.98
1.39	0.42	4.15	7.18	2.50	99.177	7.139	2.502	0.09	4.15
1.40	0.42	4.31	7.60	2.60	99.141	7.556	2.601	0.09	4.31
1.41	2.67	4.39	10.27	3.07	99.104	10.202	3.065	0.59	4.39
1.42	2.95	4.48	13.22	3.38	99.067	13.124	3.380	0.68	4.48
1.43	3.17	4.56	16.39	3.61	99.030	16.263	3.608	0.76	4.56
1.44	3.32	4.64	19.71	3.78	98.992	19.550	3.781	0.83	4.64
1.45	3.40	4.71	23.11	3.92	98.962	22.916	3.918	0.88	4.71
1.46	3.40	5.68	26.51	4.15	98.923	26.278	4.143	0.91	5.68
1.47	3.35	6.64	29.86	4.43	98.884	29.591	4.423	0.93	6.64
1.48	3.22	7.59	33.08	4.73	98.844	32.773	4.730	0.92	7.59
1.49	3.02	8.53	36.10	5.05	98.802	35.757	5.047	0.90	8.53
1.50	2.75	9.47	38.85	5.36	98.759	38.473	5.360	0.85	9.47
1.51	2.67	10.35	41.52	5.68	98.715	41.109	5.680	0.85	10.35
1.52	2.76	11.22	44.28	6.03	98.669	43.832	6.024	0.91	11.22
1.53	2.79	12.09	47.07	6.39	98.622	46.584	6.382	0.96	12.09
1.54	2.75	12.95	49.82	6.75	98.572	49.294	6.743	0.98	12.95
1.55	2.65	13.81	52.47	7.11	98.521	51.905	7.099	0.97	13.81
1.56	2.49	14.61	54.96	7.45	98.467	54.357	7.438	0.95	14.61
1.57	2.27	15.40	57.23	7.76	98.411	56.591	7.752	0.90	15.40
1.58	1.98	16.19	59.21	8.04	98.352	58.538	8.033	0.81	16.19
1.59	1.62	16.97	60.83	8.28	98.290	60.131	8.269	0.69	16.97
1.60	1.21	17.75	62.04	8.47	98.226	61.319	8.453	0.53	17.75
1.61	0.96	18.39	63.00	8.62	98.159	62.261	8.603	0.44	18.39
1.62	0.94	19.02	63.94	8.77	98.088	63.184	8.755	0.45	19.02
1.63	0.92	19.65	64.86	8.93	98.014	64.085	8.909	0.45	19.65
1.64	0.90	20.28	65.76	9.08	97.937	64.967	9.063	0.46	20.28
1.65	0.88	20.90	66.64	9.24	97.856	65.828	9.218	0.47	20.90
1.66	0.87	22.07	67.51	9.40	97.771	66.678	9.382	0.48	22.07
1.67	0.86	23.25	68.37	9.58	97.682	67.519	9.554	0.50	23.25
1.68	0.85	24.41	69.22	9.76	97.590	68.348	9.735	0.51	24.41
1.69	0.85	25.57	70.07	9.95	97.492	69.177	9.924	0.53	25.57
1.70	0.85	26.72	70.92	10.15	97.391	70.005	10.123	0.55	26.72
1.71	.86	27.73	71.78	10.36	97.285	70.841	10.331	58	27.73
1.72	.88	28.72	72.66	10.58	97.174	71.696	10.550	62	28.72

1.73	0.89	29.67	73.55	10.82	97.058	72.560	10.778	0.65	29.67
1.74	0.89	30.57	74.44	11.05	96.937	73.423	11.010	0.68	30.57
1.75	0.88	31.39	75.32	11.29	96.811	74.275	11.244	0.70	31.39
1.76	0.86	32.13	76.18	11.52	96.679	75.106	11.475	0.71	32.13
1.77	0.84	32.80	77.02	11.76	96.542	75.917	11.703	0.72	32.80
1.78	0.80	33.41	77.82	11.98	96.399	76.688	11.921	0.72	33.41
1.79	0.76	33.98	78.58	12.19	96.250	77.420	12.130	0.71	33.98
1.80	0.71	34.52	79.29	12.39	96.096	78.102	12.326	0.69	34.52
1.81	0.65	35.03	79.94	12.58	95.830	78.725	12.505	0.67	35.03
1.82	0.60	35.53	80.54	12.75	95.645	79.299	12.672	0.65	35.53
1.83	0.56	36.03	81.10	12.91	95.446	79.833	12.828	0.63	36.03
1.84	0.52	36.53	81.62	13.06	95.236	80.329	12.974	0.62	36.53
1.85	0.49	37.02	82.11	13.20	95.016	80.794	13.113	0.61	37.02
1.86	0.46	37.84	82.57	13.34	94.789	81.230	13.246	0.60	37.84
1.87	0.45	38.66	83.02	13.48	94.556	81.656	13.378	0.61	38.66
1.88	0.44	39.47	83.46	13.61	94.320	82.071	13.510	0.62	39.47
1.89	0.43	40.28	83.89	13.75	94.082	82.475	13.641	0.63	40.28
1.90	0.44	41.09	84.33	13.89	93.844	82.888	13.778	0.67	41.09
1.91	0.44	41.67	84.77	14.04	93.609	83.300	13.916	0.70	41.67
1.92	0.44	42.25	85.21	14.18	93.522	83.712	14.055	0.71	42.25
1.93	0.44	42.83	85.65	14.33	93.303	84.122	14.196	0.73	42.83
1.94	0.44	43.40	86.09	14.48	93.089	84.532	14.337	0.76	43.40
1.95	0.44	43.97	86.53	14.63	92.873	84.940	14.480	0.78	43.97
1.96	0.44	44.99	86.97	14.78	92.649	85.348	14.625	0.80	44.99
1.97	0.44	45.99	87.41	14.94	92.410	85.755	14.774	0.83	45.99
1.98	0.44	47.00	87.85	15.10	92.152	86.160	14.926	0.86	47.00
1.99	0.44	47.99	88.29	15.26	91.867	86.564	15.080	0.89	47.99
2.00	0.44	48.99	88.73	15.43	91.550	86.967	15.237	0.92	48.99
2.01	0.45	49.69	89.18	15.60	91.194	87.378	15.399	0.98	49.69
2.02	0.46	50.39	89.64	15.78	90.594	87.794	15.565	1.07	50.39
2.03	0.47	51.08	90.11	15.97	90.176	88.218	15.736	1.15	51.08
2.04	0.47	51.77	90.58	16.15	89.748	88.640	15.907	1.20	51.77
2.05	0.47	52.46	91.05	16.34	89.311	89.060	16.080	1.25	52.46
2.06	0.46	53.57	91.51	16.53	88.867	89.468	16.251	1.27	53.57
2.07	0.44	54.68	91.95	16.71	88.416	89.857	16.417	1.27	54.68
2.08	0.42	55.78	92.37	16.89	87.961	90.227	16.578	1.26	55.78
2.09	0.39	56.88	92.76	17.05	87.502	90.568	16.730	1.21	56.88
2.10	0.36	57.98	93.12	17.21	87.041	90.882	16.872	1.16	57.98
2.11	0.19	59.28	93.31	17.30	86.579	91.046	16.949	0.63	59.28
2.12	0.14	60.58	93.45	17.36	86.118	91.167	17.007	0.48	60.58
2.13	0.10	61.87	93.55	17.41	85.659	91.262	17.049	0.36	61.87
2.14	0.06	63.16	93.61	17.44	85.203	91.303	17.075	0.22	63.16
2.15	0.04	64.44	93.65	17.46	84.752	91.337	17.092	0.15	64.44
2.16	0.09	64.44	93.74	17.51	84.307	91.413	17.132	0.35	64.44
2.17	0.06	64.44	93.80	17.54	83.870	91.463	17.158	0.24	64.44
2.18	0.07	64.45	93.87	17.57	83.565	91.522	17.188	0.29	64.45
2.19	0.10	64.45	93.97	17.62	83.133	91.605	17.231	0.42	64.45
2.20	0.17	64.45	94.14	17.70	82.702	91.746	17.303	0.73	64.45
2.21	0.10	64.45	94.24	17.75	82.272	91.828	17.345	0.44	64.45
2.22	0.10	64.45	94.34	17.80	81.844	91.910	17.387	0.45	64.45
2.23	0.09	64.45	94.43	17.85	81.417	91.983	17.425	0.42	64.45
2.24	0.09	64.45	94.52	17.89	80.990	92.056	17.462	0.42	64.45
2.25	0.09	64.45	94.61	17.94	80.564	92.128	17.499	0.43	64.45
2.26	0.08	65.28	94.69	17.98	80.138	92.193	17.532	0.39	65.28
2.27	0.08	66.11	94.77	18.02	79.712	92.256	17.566	0.40	66.11
2.28	0.09	66.93	94.86	18.06	79.286	92.328	17.604	0.46	66.93
2.29	0.09	67.75	94.95	18.11	78.860	92.399	17.643	0.47	67.75
2.30	0.09	68.57	95.04	18.16	78.432	92.469	17.681	0.48	68.57
2.31	0.17	69.13	95.21	18.25	78.004	92.602	17.755	0.93	69.13
2.32	0.17	69.70	95.38	18.34	77.574	92.734	17.829	0.95	69.70
2.33	0.17	70.26	95.55	18.43	77.143	92.865	17.903	0.97	70.26
2.34	0.17	70.82	95.72	18.53	76.710	92.995	17.977	0.98	70.82

2.35	0.17	71.37	95.89	18.62	76.275	93.125	18.052	1.00	71.37
2.36	0.17	71.92	96.06	18.71	75.838	93.254	18.126	1.02	71.92
2.37	0.17	72.48	96.23	18.81	75.398	93.382	18.201	1.04	72.48
2.38	0.17	73.02	96.40	18.91	74.956	93.509	18.275	1.06	73.02
2.39	0.17	73.57	96.57	19.00	74.550	93.636	18.350	1.07	73.57
2.40	0.17	74.11	96.74	19.10	74.089	93.762	18.425	1.09	74.11
2.41	0.17	74.66	96.91	19.20	73.616	93.887	18.500	1.11	74.66
2.42	0.17	75.20	97.08	19.29	73.133	94.012	18.575	1.13	75.20
2.43	0.17	75.73	97.25	19.39	72.640	94.135	18.650	1.16	75.73
2.44	0.16	76.27	97.41	19.49	72.138	94.251	18.721	1.11	76.27
2.45	0.16	76.80	97.57	19.58	71.627	94.365	18.791	1.13	76.80
2.46	0.16	78.12	97.73	19.68	71.109	94.479	18.863	1.15	78.12
2.47	0.16	79.43	97.89	19.77	70.583	94.592	18.935	1.17	79.43
2.48	0.16	80.73	98.05	19.87	70.051	94.704	19.008	1.19	80.73
2.49	0.16	82.03	98.21	19.97	69.512	94.815	19.082	1.21	82.03
2.50	0.16	83.33	98.37	20.08	68.969	94.926	19.157	1.23	83.33
2.51	0.16	84.62	98.53	20.18	68.421	95.035	19.232	1.25	84.62
2.52	0.16	85.90	98.69	20.29	67.868	95.144	19.308	1.28	85.90
2.53	0.16	87.18	98.85	20.40	67.313	95.251	19.385	1.30	87.18
2.54	0.16	88.46	99.01	20.51	66.754	95.358	19.462	1.32	88.46
2.55	0.16	89.73	99.17	20.62	66.194	95.464	19.540	1.34	89.73
2.56	0.16	90.99	99.33	20.73	65.632	95.569	19.619	1.37	90.99
2.57	0.16	92.25	99.49	20.85	65.069	95.673	19.698	1.39	92.25
2.58	0.16	93.51	99.65	20.96	64.506	95.776	19.777	1.41	93.51
2.59	0.16	94.75	99.81	21.08	63.944	95.879	19.857	1.43	94.75
2.60	0.15	96.00	99.96	21.19	63.427	95.974	19.933	1.36	96.00

HEAD ASH %	21.19	CLEAN COAL ASH %	19.93	REFUSE ASH %	51.27
THEO. YIELD	98.14	CLEAN COAL YIELD%	95.97	REFUSE YIELD%	4.03
SG OF SEPARATION	2.486	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	3.244	IMPERFECTION	0.379		
ORGANIC EFFCY.	97.79				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 12 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 21.95 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	1.20	0.23	1.20	0.23	99.658	1.196	0.230	0.21	0.23
1.25	1.33	0.45	2.53	0.35	99.630	2.521	0.346	0.25	0.45
1.26	1.46	0.67	3.99	0.46	99.602	3.975	0.464	0.29	0.67
1.27	1.58	0.89	5.57	0.59	99.572	5.548	0.585	0.34	0.89
1.28	1.69	1.11	7.26	0.71	99.542	7.231	0.707	0.39	1.11
1.29	1.81	1.32	9.07	0.83	99.512	9.032	0.829	0.45	1.32
1.30	1.92	1.53	10.99	0.95	99.481	10.942	0.952	0.50	1.53
1.31	2.03	1.74	13.02	1.07	99.449	12.961	1.074	0.57	1.74
1.32	2.14	1.97	15.16	1.20	99.417	15.088	1.201	0.63	1.97
1.33	2.24	2.21	17.40	1.33	99.384	17.314	1.331	0.70	2.21
1.34	2.34	2.45	19.74	1.46	99.351	19.639	1.463	0.77	2.45
1.35	2.43	2.69	22.17	1.60	99.317	22.053	1.597	0.84	2.69
1.36	2.52	2.93	24.69	1.73	99.282	24.555	1.733	0.91	2.93
1.37	2.61	3.17	27.30	1.87	99.248	27.145	1.870	0.99	3.17
1.38	2.70	3.40	30.00	2.01	99.212	29.824	2.008	1.07	3.40
1.39	2.78	3.63	32.78	2.15	99.177	32.581	2.145	1.16	3.63
1.40	2.86	3.86	35.64	2.28	99.141	35.416	2.282	1.24	3.86
1.41	3.27	3.91	38.91	2.42	99.104	38.657	2.419	1.48	3.91
1.42	3.88	3.96	42.79	2.56	99.067	42.501	2.558	1.83	3.96
1.43	4.33	4.01	47.12	2.69	99.030	46.789	2.691	2.12	4.01
1.44	4.61	4.06	51.73	2.82	98.992	51.352	2.813	2.35	4.06
1.45	4.72	4.11	56.45	2.92	98.962	56.023	2.921	2.48	4.11
1.46	4.66	5.11	61.11	3.09	98.923	60.633	3.087	2.59	5.11
1.47	4.43	6.10	65.54	3.29	98.884	65.014	3.290	2.50	6.10
1.48	4.03	7.09	69.57	3.51	98.844	68.997	3.510	2.35	7.09
1.49	3.46	8.07	73.03	3.73	98.802	72.416	3.725	2.09	8.07
1.50	2.73	9.04	75.76	3.92	98.759	75.112	3.916	1.71	9.04
1.51	2.22	10.27	77.98	4.10	98.715	77.303	4.096	1.44	10.27
1.52	2.04	11.49	80.02	4.29	98.669	79.316	4.284	1.37	11.49
1.53	1.86	12.70	81.88	4.48	98.622	81.150	4.474	1.30	12.70
1.54	1.67	13.90	83.55	4.67	98.572	82.797	4.661	1.20	13.90
1.55	1.48	15.10	85.03	4.85	98.521	84.255	4.842	1.11	15.10
1.56	1.29	15.84	86.32	5.01	98.467	85.525	5.005	1.00	15.84
1.57	1.09	16.57	87.41	5.16	98.411	86.598	5.148	0.88	16.57
1.58	0.89	17.30	88.30	5.28	98.352	87.473	5.270	0.74	17.30
1.59	0.69	18.02	88.99	5.38	98.290	88.151	5.368	0.60	18.02
1.60	0.48	18.74	89.47	5.45	98.226	88.623	5.439	0.43	18.74
1.61	0.38	19.71	89.85	5.51	98.159	88.996	5.499	0.35	19.71
1.62	0.38	20.68	90.23	5.58	98.088	89.368	5.562	0.37	20.68
1.63	0.37	21.65	90.60	5.64	98.014	89.731	5.627	0.37	21.65
1.64	0.36	22.60	90.96	5.71	97.937	90.084	5.694	0.38	22.60
1.65	0.35	23.55	91.31	5.78	97.856	90.426	5.762	0.38	23.55
1.66	0.34	24.21	91.65	5.85	97.771	90.758	5.829	0.38	24.21
1.67	0.32	24.87	91.97	5.91	97.682	91.071	5.894	0.37	24.87
1.68	0.30	25.52	92.27	5.98	97.590	91.364	5.957	0.37	25.52
1.69	0.27	26.17	92.54	6.03	97.492	91.627	6.015	0.34	26.17
1.70	0.24	26.82	92.78	6.09	97.391	91.861	6.068	0.32	26.82
1.71	0.23	27.40	93.01	6.14	97.285	92.085	6.120	0.32	27.40
1.72	0.24	27.97	93.25	6.20	97.174	92.318	6.175	0.34	27.97

1.73	0.24	28.54	93.49	6.25	97.058	92.551	6.232	0.36	28.54
1.74	0.24	29.11	93.73	6.31	96.937	92.783	6.289	0.37	29.11
1.75	0.23	29.68	93.96	6.37	96.811	93.006	6.345	0.37	29.68
1.76	0.22	30.60	94.18	6.43	96.679	93.219	6.400	0.37	30.60
1.77	0.21	31.51	94.39	6.48	96.542	93.421	6.455	0.37	31.51
1.78	0.19	32.41	94.58	6.53	96.399	93.605	6.506	0.35	32.41
1.79	0.16	33.32	94.74	6.58	96.250	93.759	6.550	0.30	33.32
1.80	0.13	34.21	94.87	6.62	96.096	93.884	6.587	0.26	34.21
1.81	0.11	35.05	94.98	6.65	95.830	93.989	6.618	0.23	35.05
1.82	0.10	35.89	95.08	6.68	95.645	94.085	6.648	0.22	35.89
1.83	0.10	36.72	95.18	6.71	95.446	94.180	6.679	0.23	36.72
1.84	0.09	37.54	95.27	6.74	95.236	94.266	6.707	0.22	37.54
1.85	0.09	38.36	95.36	6.77	95.016	94.351	6.735	0.23	38.36
1.86	0.08	38.78	95.44	6.80	94.789	94.427	6.761	0.21	38.78
1.87	0.07	39.19	95.51	6.82	94.556	94.493	6.784	0.19	39.19
1.88	0.07	39.61	95.58	6.85	94.320	94.559	6.807	0.20	39.61
1.89	0.06	40.02	95.64	6.87	94.082	94.616	6.827	0.18	40.02
1.90	0.05	40.42	95.69	6.88	93.844	94.663	6.843	0.16	40.42
1.91	0.05	40.81	95.74	6.90	93.609	94.709	6.860	0.16	40.81
1.92	0.05	41.20	95.79	6.92	93.522	94.756	6.877	0.16	41.20
1.93	0.04	41.58	95.83	6.93	93.303	94.794	6.891	0.14	41.58
1.94	0.04	41.97	95.87	6.95	93.089	94.831	6.904	0.14	41.97
1.95	0.04	42.35	95.91	6.96	92.873	94.868	6.918	0.14	42.35
1.96	0.04	43.01	95.95	6.98	92.649	94.905	6.932	0.15	43.01
1.97	0.04	43.68	95.99	6.99	92.410	94.942	6.947	0.15	43.68
1.98	0.05	44.33	96.04	7.01	92.152	94.988	6.965	0.20	44.33
1.99	0.05	44.99	96.09	7.03	91.867	95.034	6.983	0.21	44.99
2.00	0.05	45.64	96.14	7.05	91.550	95.080	7.002	0.21	45.64
2.01	0.06	46.02	96.20	7.08	91.194	95.134	7.024	0.27	46.02
2.02	0.06	46.40	96.26	7.10	90.594	95.189	7.047	0.29	46.40
2.03	0.06	46.77	96.32	7.13	90.176	95.243	7.069	0.30	46.77
2.04	0.06	47.14	96.38	7.15	89.748	95.297	7.092	0.31	47.14
2.05	0.06	47.51	96.44	7.18	89.311	95.350	7.115	0.32	47.51
2.06	0.06	48.24	96.50	7.20	88.867	95.404	7.138	0.34	48.24
2.07	0.06	48.97	96.56	7.23	88.416	95.457	7.161	0.35	48.97
2.08	0.06	49.69	96.62	7.26	87.961	95.509	7.184	0.36	49.69
2.09	0.06	50.41	96.68	7.28	87.502	95.562	7.208	0.38	50.41
2.10	0.06	51.13	96.74	7.31	87.041	95.614	7.232	0.39	51.13
2.11	0.06	51.74	96.80	7.34	86.579	95.666	7.256	0.41	51.74
2.12	0.06	52.34	96.86	7.36	86.118	95.718	7.281	0.42	52.34
2.13	0.06	52.95	96.92	7.39	85.659	95.769	7.305	0.43	52.95
2.14	0.06	53.55	96.98	7.42	85.203	95.820	7.330	0.45	53.55
2.15	0.06	54.15	97.04	7.45	84.752	95.871	7.355	0.46	54.15
2.16	0.06	54.75	97.10	7.48	84.307	95.922	7.380	0.48	54.75
2.17	0.06	55.34	97.16	7.51	83.870	95.972	7.405	0.49	55.34
2.18	0.06	55.93	97.22	7.54	83.565	96.022	7.430	0.50	55.93
2.19	0.06	56.52	97.28	7.57	83.133	96.072	7.456	0.51	56.52
2.20	0.06	57.11	97.34	7.60	82.702	96.122	7.481	0.52	57.11
2.21	0.06	57.69	97.40	7.63	82.272	96.171	7.507	0.54	57.69
2.22	0.06	58.27	97.46	7.66	81.844	96.220	7.533	0.55	58.27
2.23	0.06	58.85	97.52	7.69	81.417	96.269	7.559	0.56	58.85
2.24	0.06	59.43	97.58	7.73	80.990	96.318	7.585	0.58	59.43
2.25	0.06	60.00	97.64	7.76	80.564	96.366	7.611	0.59	60.00
2.26	0.06	60.57	97.70	7.79	80.138	96.414	7.638	0.60	60.57
2.27	0.06	61.14	97.76	7.82	79.712	96.462	7.664	0.62	61.14
2.28	0.06	61.70	97.82	7.86	79.286	96.509	7.691	0.63	61.70
2.29	0.06	62.27	97.88	7.89	78.860	96.557	7.718	0.64	62.27
2.30	0.06	62.83	97.94	7.92	78.432	96.604	7.745	0.65	62.83
2.31	0.06	63.38	98.00	7.96	78.004	96.651	7.772	0.67	63.38
2.32	0.06	63.94	98.06	7.99	77.574	96.697	7.799	0.68	63.94
2.33	0.06	64.49	98.12	8.03	77.143	96.743	7.826	0.69	64.49
2.34	0.06	65.04	98.18	8.06	76.710	96.790	7.853	0.71	65.04

2.35	0.06	65.59	98.24	8.10	76.275	96.835	7.880	0.72	65.59
2.36	0.06	66.87	98.30	8.13	75.838	96.881	7.908	0.73	66.87
2.37	0.06	68.14	98.36	8.17	75.398	96.926	7.936	0.75	68.14
2.38	0.06	69.41	98.42	8.20	74.956	96.971	7.965	0.76	69.41
2.39	0.06	70.67	98.48	8.24	74.550	97.016	7.993	0.77	70.67
2.40	0.06	71.93	98.54	8.28	74.089	97.060	8.023	0.79	71.93
2.41	0.07	73.18	98.61	8.33	73.616	97.112	8.057	0.93	73.18
2.42	0.07	74.42	98.68	8.37	73.133	97.163	8.092	0.95	74.42
2.43	0.07	75.66	98.75	8.42	72.640	97.214	8.128	0.97	75.66
2.44	0.07	76.90	98.82	8.47	72.138	97.264	8.163	0.99	76.90
2.45	0.07	78.13	98.89	8.52	71.627	97.314	8.199	1.00	78.13
2.46	0.07	79.35	98.96	8.57	71.109	97.364	8.236	1.02	79.35
2.47	0.07	80.57	99.03	8.62	70.583	97.414	8.272	1.04	80.57
2.48	0.07	81.79	99.10	8.67	70.051	97.463	8.309	1.06	81.79
2.49	0.07	83.00	99.17	8.73	69.512	97.511	8.347	1.08	83.00
2.50	0.07	84.20	99.24	8.78	68.969	97.560	8.384	1.10	84.20
2.51	0.07	85.40	99.31	8.83	68.421	97.607	8.422	1.12	85.40
2.52	0.07	86.60	99.38	8.89	67.868	97.655	8.460	1.14	86.60
2.53	0.07	87.79	99.45	8.94	67.313	97.702	8.498	1.16	87.79
2.54	0.07	88.98	99.52	9.00	66.754	97.749	8.537	1.18	88.98
2.55	0.07	90.16	99.59	9.06	66.194	97.795	8.575	1.20	90.16
2.56	0.07	91.34	99.66	9.11	65.632	97.841	8.614	1.22	91.34
2.57	0.07	92.51	99.73	9.17	65.069	97.887	8.653	1.24	92.51
2.58	0.07	93.68	99.80	9.23	64.506	97.932	8.693	1.26	93.68
2.59	0.07	94.84	99.87	9.29	63.944	97.977	8.732	1.28	94.84
2.60	0.07	96.00	99.94	9.35	63.427	98.021	8.771	1.29	96.00

HEAD ASH %	9.35	CLEAN COAL ASH %	8.77	REFUSE ASH %	38.14
THEO. YIELD	99.23	CLEAN COAL YIELD%	98.02	REFUSE YIELD%	1.98
SG OF SEPARATION	2.499	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	1.399	IMPERFECTION	0.379		
ORGANIC EFFCY.	98.78				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 13 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 14.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	0.85	0.24	0.85	0.24	99.658	0.847	0.240	0.04	0.24
1.25	0.92	0.46	1.77	0.35	99.630	1.764	0.354	0.05	0.46
1.26	0.99	0.69	2.76	0.47	99.602	2.750	0.475	0.05	0.69
1.27	1.05	0.91	3.81	0.59	99.572	3.795	0.595	0.06	0.91
1.28	1.12	1.13	4.93	0.72	99.542	4.910	0.716	0.07	1.13
1.29	1.18	1.35	6.11	0.84	99.512	6.084	0.839	0.08	1.35
1.30	1.24	1.57	7.35	0.96	99.481	7.318	0.962	0.09	1.57
1.31	1.31	1.78	8.66	1.09	99.449	8.621	1.085	0.10	1.78
1.32	1.37	2.03	10.03	1.21	99.417	9.983	1.214	0.11	2.03
1.33	1.43	2.31	11.46	1.35	99.384	11.404	1.351	0.12	2.31
1.34	1.49	2.59	12.95	1.49	99.351	12.884	1.493	0.13	2.59
1.35	1.55	2.86	14.50	1.64	99.317	14.424	1.639	0.14	2.86
1.36	1.61	3.14	16.11	1.79	99.282	16.022	1.789	0.15	3.14
1.37	1.66	3.41	17.77	1.94	99.248	17.670	1.940	0.17	3.41
1.38	1.72	3.68	19.49	2.09	99.212	19.376	2.093	0.18	3.68
1.39	1.78	3.95	21.27	2.25	99.177	21.141	2.248	0.20	3.95
1.40	1.83	4.21	23.10	2.41	99.141	22.956	2.403	0.21	4.21
1.41	2.97	4.21	26.07	2.61	99.104	25.899	2.609	0.36	4.21
1.42	3.41	4.21	29.48	2.80	99.067	29.277	2.793	0.43	4.21
1.43	3.73	4.21	33.21	2.95	99.030	32.971	2.952	0.48	4.21
1.44	3.93	4.21	37.14	3.09	98.992	36.861	3.085	0.53	4.21
1.45	4.03	4.22	41.17	3.20	98.962	40.850	3.196	0.56	4.22
1.46	1.44	5.86	42.61	3.29	98.923	42.274	3.285	0.21	5.86
1.47	1.39	7.50	44.00	3.42	98.884	43.649	3.418	0.21	7.50
1.48	1.30	9.12	45.30	3.58	98.844	44.934	3.581	0.20	9.12
1.49	1.17	10.74	46.47	3.77	98.802	46.090	3.761	0.19	10.74
1.50	0.99	12.34	47.46	3.94	98.759	47.067	3.939	0.16	12.34
1.51	1.28	14.38	48.74	4.22	98.715	48.331	4.212	0.22	14.38
1.52	1.23	16.40	49.97	4.52	98.669	49.544	4.511	0.22	16.40
1.53	1.16	18.41	51.13	4.83	98.622	50.689	4.824	0.21	18.41
1.54	1.09	20.41	52.22	5.16	98.572	51.763	5.148	0.21	20.41
1.55	1.01	22.40	53.23	5.49	98.521	52.758	5.473	0.20	22.40
1.56	1.65	22.40	54.88	5.99	98.467	54.383	5.979	0.34	22.40
1.57	1.47	22.40	56.35	6.42	98.411	55.829	6.404	0.31	22.40
1.58	1.27	22.40	57.62	6.77	98.352	57.078	6.754	0.28	22.40
1.59	1.05	22.40	58.67	7.05	98.290	58.110	7.032	0.24	22.40
1.60	0.82	22.40	59.49	7.27	98.226	58.916	7.242	0.19	22.40
1.61	0.50	22.59	59.99	7.39	98.159	59.407	7.369	0.12	22.59
1.62	0.49	22.78	60.48	7.52	98.088	59.887	7.493	0.13	22.78
1.63	0.49	22.97	60.97	7.64	98.014	60.368	7.616	0.13	22.97
1.64	0.48	23.15	61.45	7.76	97.937	60.838	7.736	0.13	23.15
1.65	0.48	23.34	61.93	7.88	97.856	61.307	7.856	0.14	23.34
1.66	0.47	24.57	62.40	8.01	97.771	61.767	7.980	0.14	24.57
1.67	0.46	25.79	62.86	8.14	97.682	62.216	8.109	0.14	25.79
1.68	0.45	27.00	63.31	8.27	97.590	62.655	8.241	0.14	27.00
1.69	0.44	28.20	63.75	8.41	97.492	63.084	8.377	0.15	28.20
1.70	0.43	29.40	64.18	8.55	97.391	63.503	8.515	0.15	29.40
1.71	.43	30.23	64.61	8.70	97.285	63.922	8.657	.6	30.23
1.72	.45	31.05	65.06	8.85	97.174	64.359	8.810	.7	31.05

1.73	0.45	31.86	65.51	9.01	97.058	64.796	8.965	0.18	31.86
1.74	0.45	32.67	65.96	9.17	96.937	65.232	9.124	0.18	32.67
1.75	0.45	33.47	66.41	9.33	96.811	65.667	9.285	0.19	33.47
1.76	0.44	34.48	66.85	9.50	96.679	66.093	9.447	0.20	34.48
1.77	0.42	35.48	67.27	9.66	96.542	66.498	9.606	0.19	35.48
1.78	0.40	36.48	67.67	9.82	96.399	66.884	9.761	0.19	36.48
1.79	0.37	37.47	68.04	9.97	96.250	67.240	9.908	0.19	37.47
1.80	0.33	38.46	68.37	10.11	96.096	67.557	10.042	0.17	38.46
1.81	0.31	39.32	68.68	10.24	95.830	67.854	10.170	0.17	39.32
1.82	0.30	40.17	68.98	10.37	95.645	68.141	10.296	0.17	40.17
1.83	0.29	41.02	69.27	10.50	95.446	68.418	10.420	0.18	41.02
1.84	0.29	41.87	69.56	10.63	95.236	68.694	10.547	0.18	41.87
1.85	0.29	42.71	69.85	10.76	95.016	68.970	10.675	0.19	42.71
1.86	0.29	43.42	70.14	10.90	94.789	69.245	10.805	0.20	43.42
1.87	0.29	44.13	70.43	11.03	94.556	69.519	10.937	0.21	44.13
1.88	0.29	44.84	70.72	11.17	94.320	69.792	11.070	0.22	44.84
1.89	0.29	45.54	71.01	11.31	94.082	70.065	11.204	0.23	45.54
1.90	0.30	46.24	71.31	11.46	93.844	70.347	11.344	0.25	46.24
1.91	0.30	46.64	71.61	11.61	93.609	70.627	11.484	0.26	46.64
1.92	0.30	47.03	71.91	11.76	93.522	70.908	11.625	0.26	47.03
1.93	0.30	47.42	72.21	11.90	93.303	71.188	11.766	0.27	47.42
1.94	0.30	47.81	72.51	12.05	93.089	71.467	11.907	0.28	47.81
1.95	0.30	48.20	72.81	12.20	92.873	71.746	12.048	0.29	48.20
1.96	0.30	49.11	73.11	12.35	92.649	72.024	12.191	0.29	49.11
1.97	0.30	50.02	73.41	12.51	92.410	72.301	12.336	0.30	50.02
1.98	0.30	50.93	73.71	12.66	92.152	72.577	12.483	0.31	50.93
1.99	0.31	51.83	74.02	12.83	91.867	72.862	12.637	0.34	51.83
2.00	0.31	52.73	74.33	12.99	91.550	73.146	12.792	0.35	52.73
2.01	0.32	53.26	74.65	13.17	91.194	73.438	12.953	0.38	53.26
2.02	0.36	53.80	75.01	13.36	90.594	73.764	13.134	0.45	53.80
2.03	0.38	54.33	75.39	13.57	90.176	74.107	13.324	0.50	54.33
2.04	0.39	54.86	75.78	13.78	89.748	74.457	13.519	0.53	54.86
2.05	0.40	55.39	76.18	14.00	89.311	74.814	13.719	0.57	55.39
2.06	0.40	56.51	76.58	14.22	88.867	75.169	13.922	0.60	56.51
2.07	0.39	57.63	76.97	14.44	88.416	75.514	14.121	0.60	57.63
2.08	0.37	58.74	77.34	14.65	87.961	75.840	14.313	0.60	58.74
2.09	0.35	59.85	77.69	14.86	87.502	76.146	14.496	0.58	59.85
2.10	0.31	60.95	78.00	15.04	87.041	76.416	14.660	0.54	60.95
2.11	0.28	62.02	78.28	15.21	86.579	76.658	14.810	0.50	62.02
2.12	0.26	63.09	78.54	15.37	86.118	76.882	14.950	0.48	63.09
2.13	0.24	64.15	78.78	15.51	85.659	77.088	15.081	0.46	64.15
2.14	0.22	65.21	79.00	15.65	85.203	77.275	15.203	0.44	65.21
2.15	0.21	66.27	79.21	15.79	84.752	77.453	15.320	0.43	66.27
2.16	0.20	66.59	79.41	15.92	84.307	77.622	15.432	0.42	66.59
2.17	0.19	66.90	79.60	16.04	83.870	77.781	15.537	0.41	66.90
2.18	0.19	67.22	79.79	16.16	83.565	77.940	15.642	0.42	67.22
2.19	0.19	67.53	79.98	16.28	83.133	78.098	15.747	0.43	67.53
2.20	0.20	67.85	80.18	16.41	82.702	78.263	15.858	0.46	67.85
2.21	0.19	67.94	80.37	16.53	82.272	78.420	15.961	0.45	67.94
2.22	0.16	68.04	80.53	16.63	81.844	78.550	16.048	0.39	68.04
2.23	0.14	68.14	80.67	16.72	81.417	78.664	16.124	0.35	68.14
2.24	0.13	68.23	80.80	16.81	80.990	78.770	16.193	0.33	68.23
2.25	0.13	68.33	80.93	16.89	80.564	78.874	16.263	0.34	68.33
2.26	0.13	69.49	81.06	16.97	80.138	78.979	16.333	0.35	69.49
2.27	0.14	70.65	81.20	17.07	79.712	79.090	16.409	0.38	70.65
2.28	0.15	71.80	81.35	17.17	79.286	79.209	16.493	0.42	71.80
2.29	0.17	72.95	81.52	17.28	78.860	79.343	16.588	0.48	72.95
2.30	0.19	74.09	81.71	17.41	78.432	79.492	16.696	0.55	74.09
2.31	0.65	75.11	82.36	17.87	78.004	79.999	17.066	1.91	75.11
2.32	0.64	76.12	83.00	18.32	77.574	80.496	17.430	1.92	76.12
2.33	0.64	77.12	83.64	18.77	77.143	80.989	17.794	1.96	77.12
2.34	0.64	78.12	84.28	19.22	76.710	81.480	18.158	1.99	78.12

2.35	0.64	79.12	84.92	19.67	76.275	81.969	18.521	2.03	79.12
2.36	0.63	80.11	85.55	20.12	75.838	82.446	18.878	2.03	80.11
2.37	0.63	81.10	86.18	20.56	75.398	82.921	19.234	2.07	81.10
2.38	0.63	82.09	86.81	21.01	74.956	83.394	19.590	2.11	82.09
2.39	0.63	83.07	87.44	21.46	74.550	83.863	19.945	2.14	83.07
2.40	0.62	84.04	88.06	21.90	74.089	84.323	20.295	2.15	84.04
2.41	0.62	85.01	88.68	22.34	73.616	84.779	20.643	2.19	85.01
2.42	0.62	85.98	89.30	22.78	73.133	85.232	20.991	2.23	85.98
2.43	0.61	86.95	89.91	23.22	72.640	85.676	21.332	2.23	86.95
2.44	0.61	87.91	90.52	23.65	72.136	86.116	21.672	2.27	87.91
2.45	0.61	88.86	91.13	24.09	71.627	86.553	22.011	2.31	88.86
2.46	0.61	89.35	91.74	24.52	71.109	86.986	22.347	2.36	89.35
2.47	0.60	89.84	92.34	24.95	70.583	87.410	22.674	2.36	89.84
2.48	0.60	90.32	92.94	25.37	70.051	87.830	22.998	2.40	90.32
2.49	0.60	90.81	93.54	25.79	69.512	88.247	23.318	2.44	90.81
2.50	0.60	91.29	94.14	26.21	68.969	88.661	23.635	2.49	91.29
2.51	0.60	91.77	94.74	26.62	68.421	89.071	23.950	2.53	91.77
2.52	0.59	92.25	95.33	27.03	67.868	89.472	24.255	2.53	92.25
2.53	0.59	92.72	95.92	27.43	67.313	89.869	24.558	2.58	92.72
2.54	0.59	93.20	96.51	27.83	66.754	90.263	24.857	2.62	93.20
2.55	0.59	93.67	97.10	28.23	66.194	90.653	25.154	2.67	93.67
2.56	0.58	94.14	97.68	28.62	65.632	91.034	25.442	2.66	94.14
2.57	0.58	94.61	98.26	29.01	65.069	91.412	25.728	2.71	94.61
2.58	0.58	95.07	98.84	29.40	64.506	91.786	26.010	2.75	95.07
2.59	0.58	95.54	99.42	29.79	63.944	92.157	26.290	2.80	95.54
2.60	0.57	96.00	99.99	30.16	63.427	92.518	26.563	2.79	96.00

HEAD ASH %	30.16	CLEAN COAL ASH %	26.56	REFUSE ASH %	74.70
THEO. YIELD	94.66	CLEAN COAL YIELD%	92.52	REFUSE YIELD%	7.48
SG OF SEPARATION	2.509	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	11.406	IMPERFECTION	0.379		
ORGANIC EFFCY.	97.74				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE .

KPN HC DDH82003 SID: 16 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 12.77 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	1.69	0.33	1.69	0.33	99.658	1.684	0.330	0.07	0.33
1.25	1.68	0.64	3.37	0.48	99.630	3.358	0.485	0.08	0.64
1.26	1.68	0.95	5.05	0.64	99.602	5.031	0.639	0.09	0.95
1.27	1.67	1.26	6.72	0.79	99.572	6.694	0.794	0.09	1.26
1.28	1.66	1.57	8.38	0.95	99.542	8.347	0.947	0.10	1.57
1.29	1.64	1.88	10.02	1.10	99.512	9.979	1.100	0.10	1.88
1.30	1.62	2.18	11.64	1.25	99.481	11.590	1.250	0.11	2.18
1.31	1.61	2.48	13.25	1.40	99.449	13.191	1.399	0.12	2.48
1.32	1.58	2.86	14.83	1.56	99.417	14.762	1.555	0.12	2.86
1.33	1.56	3.33	16.39	1.72	99.384	16.312	1.723	0.12	3.33
1.34	1.53	3.79	17.92	1.90	99.351	17.833	1.900	0.13	3.79
1.35	1.50	4.24	19.42	2.08	99.317	19.322	2.080	0.13	4.24
1.36	1.47	4.70	20.89	2.27	99.282	20.782	2.264	0.14	4.70
1.37	1.44	5.15	22.33	2.45	99.248	22.211	2.450	0.14	5.15
1.38	1.40	5.60	23.73	2.64	99.212	23.600	2.635	0.14	5.60
1.39	1.36	6.04	25.09	2.82	99.177	24.949	2.819	0.15	6.04
1.40	1.32	6.48	26.41	3.00	99.141	26.257	3.002	0.15	6.48
1.41	1.29	6.87	27.70	3.18	99.104	27.536	3.181	0.15	6.87
1.42	1.29	7.26	28.99	3.37	99.067	28.814	3.362	0.16	7.26
1.43	1.29	7.65	30.28	3.55	99.030	30.091	3.544	0.16	7.65
1.44	1.29	8.04	31.57	3.73	98.992	31.368	3.727	0.17	8.04
1.45	1.28	8.42	32.85	3.91	98.962	32.635	3.909	0.17	8.42
1.46	1.28	8.80	34.13	4.12	98.923	33.901	4.111	0.18	8.80
1.47	1.28	10.17	35.41	4.34	98.884	35.167	4.329	0.19	10.17
1.48	1.28	11.04	36.69	4.57	98.844	36.432	4.562	0.19	11.04
1.49	1.28	11.90	37.97	4.82	98.802	37.697	4.808	0.20	11.90
1.50	1.28	12.76	39.25	5.08	98.759	38.961	5.066	0.21	12.76
1.51	1.28	13.34	40.53	5.34	98.715	40.224	5.326	0.21	13.34
1.52	1.28	13.91	41.81	5.60	98.669	41.487	5.587	0.22	13.91
1.53	1.28	14.48	43.09	5.86	98.622	42.750	5.850	0.23	14.48
1.54	1.27	15.04	44.36	6.13	98.572	44.002	6.111	0.24	15.04
1.55	1.27	15.60	45.63	6.39	98.521	45.253	6.374	0.24	15.60
1.56	1.27	16.46	46.90	6.66	98.467	46.503	6.645	0.25	16.46
1.57	1.27	17.31	48.17	6.94	98.411	47.753	6.924	0.26	17.31
1.58	1.27	18.16	49.44	7.23	98.352	49.002	7.210	0.27	18.16
1.59	1.27	19.00	50.71	7.53	98.290	50.251	7.503	0.28	19.00
1.60	1.26	19.84	51.97	7.82	98.226	51.488	7.800	0.29	19.84
1.61	1.22	20.50	53.19	8.11	98.159	52.686	8.089	0.29	20.50
1.62	1.15	21.16	54.34	8.39	98.088	53.814	8.363	0.29	21.16
1.63	1.09	21.81	55.43	8.65	98.014	54.882	8.624	0.28	21.81
1.64	1.03	22.46	56.46	8.91	97.937	55.891	8.874	0.28	22.46
1.65	0.98	23.10	57.44	9.15	97.856	56.850	9.114	0.27	23.10
1.66	0.93	23.94	58.37	9.38	97.771	57.759	9.347	0.27	23.94
1.67	0.90	24.76	59.27	9.62	97.682	58.638	9.579	0.27	24.76
1.68	0.86	25.59	60.13	9.85	97.590	59.478	9.804	0.27	25.59
1.69	0.84	26.41	60.97	10.07	97.492	60.296	10.030	0.27	26.41
1.70	0.82	27.22	61.79	10.30	97.391	61.095	10.255	0.28	27.22
1.71	0.81	27.97	62.60	10.53	97.285	61.883	10.480	0.29	27.97
1.72	0.79	28.71	63.39	10.76	97.174	62.651	10.704	0.29	28.71

1.73	0.76	29.45	64.15	10.98	97.058	63.388	10.922	0.29	29.45
1.74	0.72	30.18	64.87	11.19	96.937	64.086	11.132	0.29	30.18
1.75	0.68	30.92	65.55	11.40	96.811	64.745	11.333	0.28	30.92
1.76	0.63	32.21	66.18	11.59	96.679	65.354	11.527	0.27	32.21
1.77	0.57	33.51	66.75	11.78	96.542	65.904	11.711	0.26	33.51
1.78	0.51	34.79	67.26	11.96	96.399	66.396	11.882	0.24	34.79
1.79	0.44	36.07	67.70	12.11	96.250	66.819	12.035	0.21	36.07
1.80	0.36	37.34	68.06	12.25	96.096	67.165	12.165	0.18	37.34
1.81	0.31	38.58	68.37	12.37	95.830	67.462	12.282	0.17	38.58
1.82	0.30	39.80	68.67	12.49	95.645	67.749	12.398	0.17	39.80
1.83	0.30	41.02	68.97	12.61	95.446	68.035	12.519	0.18	41.02
1.84	0.29	42.23	69.26	12.73	95.236	68.312	12.639	0.18	42.23
1.85	0.29	43.44	69.55	12.86	95.016	68.587	12.763	0.19	43.44
1.86	0.29	44.05	69.84	12.99	94.789	68.862	12.887	0.20	44.05
1.87	0.29	44.66	70.13	13.12	94.556	69.136	13.014	0.21	44.66
1.88	0.30	45.26	70.43	13.26	94.320	69.419	13.145	0.22	45.26
1.89	0.30	45.86	70.73	13.40	94.082	69.701	13.277	0.23	45.86
1.90	0.31	46.45	71.04	13.54	93.844	69.992	13.415	0.25	46.45
1.91	0.31	46.90	71.35	13.69	93.609	70.283	13.554	0.26	46.90
1.92	0.31	47.35	71.66	13.83	93.522	70.572	13.692	0.26	47.35
1.93	0.32	47.79	71.98	13.98	93.303	70.871	13.836	0.28	47.79
1.94	0.32	48.23	72.30	14.13	93.089	71.169	13.980	0.29	48.23
1.95	0.32	48.67	72.62	14.29	92.873	71.468	14.124	0.30	48.67
1.96	0.32	49.69	72.94	14.44	92.649	71.763	14.271	0.31	49.69
1.97	0.32	50.70	73.26	14.60	92.410	72.058	14.421	0.32	50.70
1.98	0.32	51.70	73.58	14.76	92.152	72.353	14.573	0.33	51.70
1.99	0.32	52.70	73.90	14.93	91.867	72.647	14.727	0.34	52.70
2.00	0.32	53.69	74.22	15.09	91.550	72.940	14.883	0.35	53.69
2.01	0.36	54.46	74.57	15.28	91.194	73.259	15.056	0.40	54.46
2.02	0.40	55.22	74.97	15.49	90.594	73.622	15.294	0.49	55.22
2.03	0.43	55.98	75.40	15.72	90.176	74.009	15.467	0.55	55.98
2.04	0.45	56.74	75.85	15.97	89.748	74.413	15.691	0.60	56.74
2.05	0.45	57.49	76.30	16.21	89.311	74.815	15.915	0.62	57.49
2.06	0.43	58.30	76.73	16.45	88.867	75.197	16.131	0.62	58.30
2.07	0.40	59.10	77.13	16.67	88.416	75.551	16.332	0.60	59.10
2.08	0.35	59.89	77.48	16.86	87.961	75.859	16.509	0.55	59.89
2.09	0.29	60.68	77.77	17.03	87.502	76.113	16.656	0.47	60.68
2.10	0.21	61.47	77.98	17.15	87.041	76.295	16.763	0.35	61.47
2.11	0.16	62.31	78.14	17.24	86.579	76.434	16.846	0.28	62.31
2.12	0.15	63.15	78.29	17.33	86.118	76.563	16.924	0.27	63.15
2.13	0.14	63.98	78.43	17.41	85.659	76.683	16.998	0.26	63.98
2.14	0.13	64.81	78.56	17.49	85.203	76.794	17.067	0.25	64.81
2.15	0.13	65.63	78.69	17.57	84.752	76.904	17.136	0.26	65.63
2.16	0.13	65.94	78.82	17.65	84.307	77.014	17.206	0.26	65.94
2.17	0.13	66.24	78.95	17.73	83.870	77.123	17.275	0.27	66.24
2.18	0.13	66.54	79.08	17.81	83.565	77.231	17.344	0.28	66.54
2.19	0.13	66.84	79.21	17.89	83.133	77.339	17.413	0.28	66.84
2.20	0.13	67.14	79.34	17.97	82.702	77.447	17.482	0.29	67.14
2.21	0.13	67.17	79.47	18.05	82.272	77.554	17.551	0.30	67.17
2.22	0.13	67.20	79.60	18.13	81.844	77.660	17.619	0.31	67.20
2.23	0.13	67.23	79.73	18.21	81.417	77.766	17.687	0.31	67.23
2.24	0.13	67.25	79.86	18.29	80.990	77.871	17.754	0.32	67.25
2.25	0.13	67.28	79.99	18.37	80.564	77.976	17.820	0.33	67.28
2.26	0.13	68.43	80.12	18.45	80.138	78.080	17.888	0.34	68.43
2.27	0.13	69.58	80.25	18.53	79.712	78.184	17.956	0.34	69.58
2.28	0.13	70.72	80.38	18.62	79.286	78.287	18.026	0.35	70.72
2.29	0.13	71.86	80.51	18.70	78.860	78.389	18.096	0.36	71.86
2.30	0.13	72.99	80.64	18.79	78.432	78.491	18.167	0.36	72.99
2.31	0.69	74.07	81.33	19.26	78.004	79.030	18.548	1.97	74.07
2.32	0.68	75.14	82.01	19.72	77.574	79.557	18.923	1.98	75.14
2.33	0.68	76.20	82.69	20.19	77.143	80.082	19.298	2	76.20
2.34	0.68	77.26	83.37	20.65	76.710	80.603	19.674	06	77.26

2.35	0.67	78.32	84.04	21.11	76.275	81.114	20.043	2.06	78.32
2.36	0.67	79.37	84.71	21.57	75.838	81.622	20.412	2.10	79.37
2.37	0.67	80.42	85.38	22.04	75.398	82.128	20.782	2.14	80.42
2.38	0.67	81.47	86.05	22.50	74.956	82.630	21.150	2.18	81.47
2.39	0.66	82.51	86.71	22.95	74.550	83.122	21.514	2.18	82.51
2.40	0.66	83.54	87.37	23.41	74.089	83.611	21.876	2.22	83.54
2.41	0.66	84.57	88.03	23.87	73.616	84.097	22.239	2.26	84.57
2.42	0.65	85.60	88.68	24.32	73.133	84.572	22.595	2.27	85.60
2.43	0.65	86.62	89.33	24.78	72.640	85.044	22.950	2.31	86.62
2.44	0.65	87.64	89.98	25.23	72.138	85.513	23.305	2.35	87.64
2.45	0.65	88.65	90.63	25.69	71.627	85.979	23.659	2.40	88.65
2.46	0.64	89.16	91.27	26.13	71.109	86.434	24.004	2.40	89.16
2.47	0.64	89.66	91.91	26.57	70.583	86.886	24.345	2.45	89.66
2.48	0.64	90.16	92.55	27.01	70.051	87.334	24.683	2.49	90.16
2.49	0.64	90.65	93.19	27.45	69.512	87.779	25.017	2.53	90.65
2.50	0.63	91.15	93.82	27.88	68.969	88.219	25.343	2.54	91.15
2.51	0.63	91.64	94.45	28.30	68.421	88.644	25.665	2.58	91.64
2.52	0.63	92.14	95.08	28.73	67.868	89.072	25.985	2.63	92.14
2.53	0.63	92.63	95.71	29.15	67.313	89.496	26.300	2.67	92.63
2.54	0.62	93.11	96.33	29.56	66.754	89.910	26.608	2.68	93.11
2.55	0.62	93.60	96.95	29.97	66.194	90.320	26.912	2.72	93.60
2.56	0.62	94.08	97.57	30.38	65.632	90.727	27.214	2.77	94.08
2.57	0.62	94.56	98.19	30.78	65.069	91.131	27.512	2.81	94.56
2.58	0.61	95.05	98.80	31.18	64.506	91.524	27.802	2.81	95.05
2.59	0.61	95.52	99.41	31.57	63.944	91.914	28.089	2.86	95.52
2.60	0.61	96.00	100.02	31.97	63.427	92.301	28.374	2.90	96.00

HEAD ASH %	31.97	CLEAN COAL ASH %	28.37	REFUSE ASH %	75.02		
THEO. YIELD	94.56	CLEAN COAL YIELD%	92.30	REFUSE YIELD%	7.70		
SG OF SEPARATION	2.512	ECART PROB. MOYEN	0.5229				
NEAR GRAVITY MAT	11.861	IMPERFECTION	0.379				
ORGANIC EFFCY.	97.62						

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 17 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.49 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	1.16	0.22	1.16	0.22	99.658	1.156	0.220	0.10	0.22
1.25	1.24	0.43	2.40	0.33	99.630	2.391	0.328	0.12	0.43
1.26	1.33	0.64	3.73	0.44	99.602	3.716	0.440	0.14	0.64
1.27	1.41	0.85	5.14	0.55	99.572	5.120	0.552	0.16	0.85
1.28	1.49	1.06	6.63	0.67	99.542	6.603	0.666	0.18	1.06
1.29	1.57	1.26	8.20	0.78	99.512	8.166	0.780	0.20	1.26
1.30	1.65	1.47	9.85	0.90	99.481	9.807	0.895	0.22	1.47
1.31	1.73	1.67	11.58	1.01	99.449	11.528	1.011	0.25	1.67
1.32	1.80	2.06	13.38	1.15	99.417	13.317	1.152	0.27	2.06
1.33	1.88	2.63	15.26	1.33	99.384	15.185	1.334	0.30	2.63
1.34	1.95	3.20	17.21	1.55	99.351	17.123	1.545	0.33	3.20
1.35	2.02	3.77	19.23	1.78	99.317	19.129	1.778	0.36	3.77
1.36	2.09	4.33	21.32	2.03	99.282	21.204	2.028	0.39	4.33
1.37	2.16	4.89	23.48	2.29	99.248	23.348	2.291	0.42	4.89
1.38	2.23	5.45	25.71	2.57	99.212	25.560	2.564	0.46	5.45
1.39	2.29	6.00	28.00	2.85	99.177	27.831	2.845	0.49	6.00
1.40	2.36	6.55	30.36	3.14	99.141	30.171	3.132	0.53	6.55
1.41	2.62	6.79	32.98	3.43	99.104	32.768	3.422	0.61	6.79
1.42	3.01	7.04	35.99	3.73	99.067	35.750	3.724	0.73	7.04
1.43	3.30	7.28	39.29	4.03	99.030	39.017	4.021	0.83	7.28
1.44	3.49	7.52	42.78	4.31	98.992	42.472	4.306	0.91	7.52
1.45	3.57	7.76	46.35	4.58	98.962	46.008	4.571	0.96	7.76
1.46	3.54	8.79	49.89	4.88	98.923	49.507	4.870	0.99	8.79
1.47	3.41	9.82	53.30	5.19	98.884	52.879	5.185	0.99	9.82
1.48	3.18	10.84	56.48	5.51	98.844	56.022	5.503	0.95	10.84
1.49	2.84	11.85	59.32	5.81	98.802	58.828	5.805	0.88	11.85
1.50	2.39	12.86	61.71	6.09	98.759	61.189	6.078	0.77	12.86
1.51	2.09	13.87	63.80	6.34	98.715	63.252	6.336	0.70	13.97
1.52	1.99	15.08	65.79	6.61	98.669	65.215	6.598	0.69	15.08
1.53	1.87	16.18	67.66	6.87	98.622	67.060	6.862	0.67	16.18
1.54	1.74	17.27	69.40	7.13	98.572	68.775	7.121	0.64	17.27
1.55	1.59	18.35	70.99	7.39	98.521	70.341	7.371	0.61	18.35
1.56	1.43	18.68	72.42	7.61	98.467	71.749	7.593	0.57	18.68
1.57	1.25	19.01	73.67	7.80	98.411	72.979	7.786	0.52	19.01
1.58	1.06	19.34	74.73	7.97	98.352	74.022	7.949	0.45	19.34
1.59	0.86	19.66	75.59	8.10	98.290	74.867	8.081	0.38	19.66
1.60	0.64	19.98	76.23	8.20	98.226	75.496	8.180	0.29	19.98
1.61	0.53	20.37	76.76	8.28	98.159	76.016	8.263	0.25	20.37
1.62	0.53	20.75	77.29	8.37	98.088	76.536	8.348	0.26	20.75
1.63	0.53	21.13	77.82	8.45	98.014	77.055	8.434	0.27	21.13
1.64	0.53	21.51	78.35	8.54	97.937	77.575	8.522	0.28	21.51
1.65	0.52	21.89	78.87	8.63	97.856	78.083	8.609	0.29	21.89
1.66	0.52	22.95	79.39	8.72	97.771	78.592	8.702	0.30	22.95
1.67	0.53	24.01	79.92	8.83	97.682	79.109	8.802	0.32	24.01
1.68	0.53	25.06	80.45	8.93	97.590	79.627	8.907	0.33	25.06
1.69	0.53	26.10	80.98	9.05	97.492	80.143	9.018	0.34	26.10
1.70	0.53	27.13	81.51	9.16	97.391	80.660	9.134	0.36	27.13
1.71	0.54	27.83	82.05	9.29	97.285	81.185	9.255	0.38	27.83
1.72	0.55	28.51	82.60	9.41	97.174	81.719	9.381	0.40	28.51

1.73	0.55	29.19	83.15	9.54	97.058	82.253	9.510	0.42	29.19
1.74	0.55	29.87	83.70	9.68	96.937	82.786	9.641	0.44	29.87
1.75	0.55	30.55	84.25	9.81	96.811	83.319	9.774	0.45	30.55
1.76	0.55	31.55	84.80	9.98	96.679	83.851	9.912	0.47	31.55
1.77	0.54	32.55	85.34	10.10	96.542	84.372	10.052	0.48	32.55
1.78	0.52	33.54	85.86	10.24	96.399	84.873	10.191	0.49	33.54
1.79	0.51	34.53	86.37	10.38	96.250	85.364	10.331	0.50	34.53
1.80	0.49	35.51	86.86	10.53	96.096	85.835	10.469	0.50	35.51
1.81	0.42	36.95	87.28	10.65	95.830	86.237	10.593	0.45	36.95
1.82	0.32	38.38	87.60	10.75	95.645	86.543	10.691	0.36	38.38
1.83	0.23	39.80	87.83	10.83	95.446	86.763	10.765	0.27	39.80
1.84	0.16	41.22	87.99	10.89	95.236	86.915	10.818	0.20	41.22
1.85	0.10	42.63	88.09	10.92	95.016	87.010	10.853	0.13	42.63
1.86	0.06	42.75	88.15	10.94	94.789	87.067	10.874	0.08	42.75
1.87	0.04	42.87	88.19	10.96	94.556	87.105	10.888	0.06	42.87
1.88	0.04	42.99	88.23	10.97	94.320	87.143	10.901	0.06	42.99
1.89	0.05	43.12	88.28	10.99	94.082	87.190	10.919	0.08	43.12
1.90	0.09	43.24	88.37	11.02	93.844	87.274	10.950	0.14	43.24
1.91	0.11	43.79	88.48	11.06	93.609	87.377	10.989	0.18	43.79
1.92	0.11	44.34	88.59	11.11	93.522	87.480	11.028	0.18	44.34
1.93	0.11	44.88	88.70	11.15	93.303	87.583	11.068	0.19	44.88
1.94	0.11	45.43	88.81	11.19	93.089	87.685	11.108	0.20	45.43
1.95	0.11	45.97	88.92	11.23	92.873	87.787	11.148	0.20	45.97
1.96	0.11	46.62	89.03	11.28	92.649	87.889	11.190	0.21	46.62
1.97	0.10	47.27	89.13	11.32	92.410	87.982	11.227	0.20	47.27
1.98	0.10	47.91	89.23	11.36	92.152	88.074	11.266	0.20	47.91
1.99	0.10	48.56	89.33	11.40	91.867	88.166	11.305	0.21	48.56
2.00	0.10	49.20	89.43	11.44	91.550	88.257	11.344	0.22	49.20
2.01	0.09	49.61	89.52	11.48	91.194	88.339	11.379	0.21	49.61
2.02	0.09	50.01	89.61	11.52	90.594	88.421	11.415	0.22	50.01
2.03	0.09	50.42	89.70	11.56	90.176	88.502	11.451	0.23	50.42
2.04	0.09	50.82	89.79	11.60	89.748	88.583	11.487	0.24	50.82
2.05	0.09	51.22	89.88	11.64	89.311	88.663	11.523	0.25	51.22
2.06	0.09	52.08	89.97	11.68	88.867	88.743	11.559	0.26	52.08
2.07	0.09	52.94	90.06	11.72	88.416	88.823	11.596	0.27	52.94
2.08	0.09	53.79	90.15	11.76	87.961	88.902	11.634	0.28	53.79
2.09	0.09	54.64	90.24	11.80	87.502	88.981	11.672	0.29	54.64
2.10	0.09	55.48	90.33	11.85	87.041	89.059	11.711	0.30	55.48
2.11	0.09	56.26	90.42	11.89	86.579	89.137	11.750	0.31	56.26
2.12	0.09	57.04	90.51	11.94	86.116	89.214	11.789	0.32	57.04
2.13	0.09	57.82	90.60	11.98	85.659	89.291	11.829	0.33	57.82
2.14	0.09	58.59	90.69	12.03	85.203	89.368	11.869	0.35	58.59
2.15	0.09	59.36	90.78	12.07	84.752	89.444	11.909	0.36	59.36
2.16	0.09	60.13	90.87	12.12	84.307	89.520	11.950	0.37	60.13
2.17	0.09	60.89	90.96	12.17	83.870	89.596	11.991	0.38	60.89
2.18	0.09	61.65	91.05	12.22	83.565	89.671	12.033	0.38	61.65
2.19	0.09	62.41	91.14	12.27	83.139	89.746	12.075	0.39	62.41
2.20	0.09	63.16	91.23	12.32	82.702	89.820	12.117	0.40	63.16
2.21	0.09	63.67	91.32	12.37	82.272	89.894	12.160	0.41	63.67
2.22	0.09	64.18	91.41	12.42	81.844	89.968	12.202	0.42	64.18
2.23	0.09	64.68	91.50	12.47	81.417	90.041	12.245	0.43	64.68
2.24	0.09	65.19	91.59	12.52	80.990	90.114	12.288	0.44	65.19
2.25	0.09	65.69	91.68	12.58	80.564	90.187	12.331	0.45	65.69
2.26	0.09	66.19	91.77	12.63	80.138	90.259	12.374	0.46	66.19
2.27	0.09	66.68	91.86	12.68	79.712	90.330	12.417	0.47	66.68
2.28	0.09	67.18	91.95	12.73	79.286	90.402	12.460	0.48	67.18
2.29	0.09	67.67	92.04	12.79	78.860	90.473	12.504	0.49	67.67
2.30	0.09	68.16	92.13	12.84	78.432	90.543	12.547	0.50	68.16
2.31	0.28	68.19	92.41	13.01	78.004	90.762	12.681	1.60	68.19
2.32	0.28	68.21	92.69	13.18	77.574	90.979	12.813	1.63	68.21
2.33	0.28	68.24	92.97	13.34	77.143	91.195	12.945	1.66	68.24
2.34	0.27	68.26	93.24	13.50	76.710	91.402	13.070	1.63	68.26

2.35	0.27	68.29	93.51	13.66	76.275	91.608	13.194	1.66	68.29
2.36	0.27	68.31	93.78	13.82	75.838	91.813	13.317	1.69	68.31
2.37	0.27	68.34	94.05	13.97	75.398	92.016	13.439	1.72	68.34
2.38	0.27	68.36	94.32	14.13	74.956	92.219	13.559	1.75	68.36
2.39	0.27	68.39	94.59	14.28	74.550	92.420	13.679	1.78	68.39
2.40	0.27	68.41	94.86	14.44	74.089	92.620	13.797	1.81	68.41
2.41	0.27	68.44	95.13	14.59	73.616	92.819	13.914	1.85	68.44
2.42	0.27	68.46	95.40	14.74	73.133	93.016	14.030	1.88	68.46
2.43	0.26	68.49	95.66	14.89	72.640	93.205	14.140	1.84	68.49
2.44	0.26	68.51	95.92	15.04	72.138	93.393	14.249	1.88	68.51
2.45	0.26	68.54	96.18	15.18	71.627	93.579	14.357	1.91	68.54
2.46	0.26	70.42	96.44	15.33	71.109	93.764	14.468	1.95	70.42
2.47	0.26	72.29	96.70	15.48	70.583	93.947	14.581	1.98	72.29
2.48	0.26	74.16	96.96	15.64	70.051	94.130	14.696	2.02	74.16
2.49	0.26	76.02	97.22	15.80	69.512	94.310	14.814	2.06	76.02
2.50	0.26	77.87	97.48	15.97	68.969	94.490	14.933	2.09	77.87
2.51	0.26	79.72	97.74	16.14	68.421	94.667	15.055	2.13	79.72
2.52	0.25	81.56	97.99	16.30	67.868	94.837	15.174	2.08	81.56
2.53	0.25	83.39	98.24	16.47	67.313	95.005	15.295	2.12	83.39
2.54	0.25	85.21	98.49	16.65	66.754	95.172	15.418	2.16	85.21
2.55	0.25	87.03	98.74	16.83	66.194	95.338	15.542	2.19	87.03
2.56	0.25	88.83	98.99	17.01	65.632	95.502	15.668	2.23	88.83
2.57	0.25	90.64	99.24	17.19	65.069	95.665	15.795	2.26	90.64
2.58	0.25	92.43	99.49	17.38	64.506	95.826	15.924	2.30	92.43
2.59	0.25	94.22	99.74	17.58	63.944	95.986	16.055	2.34	94.22
2.60	0.25	96.00	99.99	17.77	63.427	96.144	16.186	2.37	96.00

HEAD ASH %	17.77	CLEAN COAL ASH %	16.19	REFUSE ASH %	57.30
THEO. YIELD	97.81	CLEAN COAL YIELD%	96.14	REFUSE YIELD%	3.86
		ECART PROB. MOYEN	0.5229		
SG OF SEPARATION	2.513	IMPERFECTION	0.379		
NEAR GRAVITY MAT	4.789				
ORGANIC EFFCY.	98.29				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC-DDH82003 SID: 18 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.26 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ELEMENTAL ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	1.28	0.31	1.28	0.31	99.658	1.276	0.310	0.06	0.31
1.25	1.30	0.60	2.58	0.46	99.630	2.571	0.456	0.06	0.60
1.26	1.31	0.90	3.89	0.61	99.602	3.876	0.606	0.07	0.90
1.27	1.33	1.19	5.22	0.75	99.572	5.200	0.754	0.08	1.19
1.28	1.34	1.47	6.56	0.90	99.542	6.534	0.900	0.08	1.47
1.29	1.36	1.76	7.92	1.05	99.512	7.887	1.048	0.09	1.76
1.30	1.38	2.04	9.30	1.20	99.481	9.260	1.195	0.10	2.04
1.31	1.39	2.32	10.69	1.34	99.449	10.642	1.341	0.10	2.32
1.32	1.41	2.70	12.10	1.50	99.417	12.044	1.499	0.11	2.70
1.33	1.43	3.17	13.53	1.68	99.384	13.465	1.676	0.12	3.17
1.34	1.45	3.64	14.98	1.87	99.351	14.906	1.865	0.13	3.64
1.35	1.46	4.10	16.44	2.06	99.317	16.356	2.064	0.13	4.10
1.36	1.48	4.56	17.92	2.27	99.282	17.825	2.269	0.14	4.56
1.37	1.50	5.02	19.42	2.48	99.248	19.314	2.481	0.15	5.02
1.38	1.52	5.47	20.94	2.70	99.212	20.822	2.698	0.16	5.47
1.39	1.54	5.92	22.48	2.92	99.177	22.349	2.918	0.17	5.92
1.40	1.56	6.37	24.04	3.14	99.141	23.896	3.141	0.18	6.37
1.41	1.59	6.63	25.63	3.36	99.104	25.472	3.357	0.19	6.63
1.42	1.62	6.89	27.25	3.57	99.067	27.077	3.567	0.20	6.89
1.43	1.65	7.15	28.90	3.77	99.030	28.711	3.771	0.21	7.15
1.44	1.68	7.40	30.58	3.97	98.992	30.374	3.969	0.23	7.40
1.45	1.70	7.65	32.28	4.17	98.962	32.056	4.162	0.23	7.65
1.46	1.72	8.28	34.00	4.38	98.923	33.757	4.370	0.25	8.28
1.47	1.73	8.90	35.73	4.59	98.884	35.468	4.589	0.26	8.90
1.48	1.74	9.52	37.47	4.82	98.844	37.188	4.817	0.27	9.52
1.49	1.74	10.13	39.21	5.06	98.802	38.907	5.051	0.28	10.13
1.50	1.74	10.74	40.95	5.30	98.759	40.626	5.292	0.29	10.74
1.51	1.81	11.24	42.76	5.55	98.715	42.412	5.543	0.31	11.24
1.52	1.93	11.74	44.69	5.82	98.669	44.317	5.809	0.34	11.74
1.53	2.01	12.23	46.70	6.09	98.622	46.299	6.084	0.37	12.23
1.54	2.06	12.72	48.76	6.37	98.572	48.330	6.363	0.39	12.72
1.55	2.07	13.21	50.83	6.65	98.521	50.369	6.640	0.41	13.21
1.56	2.05	14.29	52.88	6.95	98.467	52.388	6.935	0.42	14.29
1.57	1.99	15.37	54.87	7.25	98.411	54.346	7.239	0.42	15.37
1.58	1.90	16.43	56.77	7.56	98.352	56.215	7.544	0.42	16.43
1.59	1.78	17.50	58.55	7.86	98.290	57.964	7.845	0.41	17.50
1.60	1.61	18.55	60.16	8.15	98.226	59.546	8.129	0.38	18.55
1.61	1.42	19.67	61.58	8.42	98.159	60.939	8.393	0.35	19.67
1.62	1.22	20.78	62.80	8.66	98.088	62.136	8.632	0.31	20.78
1.63	1.05	21.89	63.85	8.87	98.014	63.165	8.848	0.28	21.89
1.64	0.90	22.98	64.75	9.07	97.937	64.047	9.042	0.25	22.98
1.65	0.77	24.08	65.52	9.25	97.856	64.800	9.217	0.22	24.08
1.66	0.66	24.84	66.18	9.40	97.771	65.445	9.371	0.20	24.84
1.67	0.58	25.60	66.76	9.54	97.682	66.012	9.510	0.18	25.60
1.68	0.52	26.36	67.28	9.67	97.590	66.519	9.639	0.17	26.36
1.69	0.48	27.11	67.76	9.80	97.492	66.987	9.761	0.16	27.11
1.70	0.46	27.86	68.22	9.92	97.391	67.435	9.881	0.16	27.86
1.71	0.47	28.86	68.69	10.05	97.285	67.893	10.009	0.17	28.86
1.72	0.47	29.86	69.16	10.18	97.174	68.349	10.142	0.18	29.86

1.73	0.47	30.85	69.63	10.32	97.058	68.806	10.279	0.18	30.85
1.74	0.46	31.83	70.09	10.46	96.937	69.251	10.418	0.19	31.83
1.75	0.44	32.81	70.53	10.60	96.811	69.677	10.555	0.19	32.81
1.76	0.41	33.61	70.94	10.73	96.679	70.074	10.685	0.18	33.61
1.77	0.38	34.41	71.32	10.86	96.542	70.441	10.809	0.17	34.41
1.78	0.34	35.20	71.66	10.98	96.399	70.768	10.921	0.16	35.20
1.79	0.28	35.99	71.94	11.07	96.250	71.038	11.017	0.14	35.99
1.80	0.23	36.77	72.17	11.16	96.096	71.259	11.096	0.12	36.77
1.81	0.19	37.46	72.36	11.22	95.830	71.441	11.164	0.11	37.46
1.82	0.17	38.14	72.53	11.29	95.645	71.604	11.225	0.10	38.14
1.83	0.16	38.82	72.69	11.35	95.446	71.756	11.284	0.10	38.82
1.84	0.16	39.49	72.85	11.41	95.236	71.909	11.343	0.10	39.49
1.85	0.16	40.16	73.01	11.47	95.016	72.061	11.404	0.11	40.16
1.86	0.16	40.85	73.17	11.54	94.789	72.212	11.466	0.11	40.85
1.87	0.16	41.54	73.33	11.60	94.556	72.364	11.529	0.12	41.54
1.88	0.17	42.23	73.50	11.67	94.320	72.524	11.597	0.13	42.23
1.89	0.18	42.91	73.68	11.75	94.082	72.693	11.670	0.14	42.91
1.90	0.20	43.59	73.88	11.84	93.844	72.881	11.752	0.16	43.59
1.91	0.21	44.03	74.09	11.93	93.609	73.078	11.839	0.18	44.03
1.92	0.22	44.47	74.31	12.02	93.522	73.283	11.930	0.19	44.47
1.93	0.22	44.90	74.53	12.12	93.303	73.489	12.022	0.20	44.90
1.94	0.23	45.33	74.76	12.22	93.089	73.703	12.119	0.21	45.33
1.95	0.23	45.76	74.99	12.33	92.873	73.916	12.216	0.22	45.76
1.96	0.22	46.82	75.21	12.43	92.649	74.120	12.312	0.22	46.82
1.97	0.22	47.87	75.43	12.53	92.410	74.324	12.409	0.22	47.87
1.98	0.21	48.92	75.64	12.63	92.152	74.517	12.504	0.22	48.92
1.99	0.21	49.96	75.85	12.73	91.867	74.710	12.600	0.23	49.96
2.00	0.19	50.99	76.04	12.83	91.550	74.884	12.690	0.21	50.99
2.01	0.19	51.81	76.23	12.93	91.194	75.057	12.780	0.22	51.81
2.02	0.18	52.62	76.41	13.02	90.594	75.220	12.866	0.23	52.62
2.03	0.18	53.42	76.59	13.12	90.176	75.383	12.954	0.24	53.42
2.04	0.17	54.22	76.76	13.21	89.748	75.535	13.037	0.23	54.22
2.05	0.17	55.02	76.93	13.30	89.311	75.687	13.121	0.24	55.02
2.06	0.16	55.89	77.09	13.39	88.867	75.829	13.201	0.24	55.89
2.07	0.15	56.75	77.24	13.47	88.416	75.962	13.277	0.23	56.75
2.08	0.14	57.61	77.38	13.55	87.961	76.085	13.349	0.22	57.61
2.09	0.14	58.46	77.52	13.63	87.502	76.207	13.422	0.23	58.46
2.10	0.13	59.31	77.65	13.71	87.041	76.321	13.490	0.22	59.31
2.11	0.12	60.12	77.77	13.78	86.579	76.424	13.553	0.21	60.12
2.12	0.12	60.92	77.89	13.85	86.118	76.528	13.617	0.22	60.92
2.13	0.12	61.72	78.01	13.93	85.659	76.631	13.682	0.23	61.72
2.14	0.11	62.52	78.12	14.00	85.203	76.724	13.741	0.22	62.52
2.15	0.11	63.31	78.23	14.06	84.752	76.818	13.801	0.22	63.31
2.16	0.11	63.86	78.34	14.13	84.307	76.910	13.862	0.23	63.86
2.17	0.11	64.40	78.45	14.21	83.870	77.003	13.922	0.24	64.40
2.18	0.11	64.95	78.56	14.28	83.565	77.094	13.983	0.24	64.95
2.19	0.11	65.49	78.67	14.35	83.133	77.186	14.044	0.25	65.49
2.20	0.11	66.03	78.78	14.42	82.702	77.277	14.105	0.25	66.03
2.21	0.12	66.27	78.90	14.50	82.272	77.376	14.172	0.28	66.27
2.22	0.12	66.50	79.02	14.58	81.844	77.474	14.238	0.29	66.50
2.23	0.12	66.74	79.14	14.66	81.417	77.572	14.304	0.30	66.74
2.24	0.12	66.98	79.26	14.74	80.990	77.669	14.370	0.30	66.98
2.25	0.12	67.21	79.38	14.82	80.564	77.765	14.436	0.31	67.21
2.26	0.13	68.30	79.51	14.90	80.138	77.870	14.508	0.34	68.30
2.27	0.13	69.39	79.64	14.99	79.712	77.973	14.581	0.35	69.39
2.28	0.13	70.47	79.77	15.08	79.286	78.076	14.655	0.36	70.47
2.29	0.13	71.55	79.90	15.17	78.860	78.179	14.729	0.37	71.55
2.30	0.13	72.62	80.03	15.27	78.432	78.281	14.805	0.37	72.62
2.31	0.71	73.46	80.74	15.78	78.004	78.835	15.217	2.08	73.46
2.32	0.70	74.29	81.44	16.28	77.574	79.378	15.621	.09	74.28
2.33	.70	75.12	82.14	16.78	77.143	79.918	16.023	.13	75.12
2.34	0.70	75.95	82.84	17.28	76.710	80.455	16.423	.17	75.95

2.35	0.69	76.77	83.53	17.77	76.275	80.981	16.815	2.18	76.77
2.36	0.69	77.59	84.22	18.26	75.838	81.504	17.205	2.22	77.59
2.37	0.69	78.41	84.91	18.75	75.398	82.024	17.594	2.26	78.41
2.38	0.68	79.22	85.59	19.23	74.956	82.534	17.974	2.27	79.22
2.39	0.68	80.03	86.27	19.71	74.550	83.041	18.353	2.30	80.03
2.40	0.68	80.84	86.95	20.19	74.089	83.545	18.730	2.35	80.84
2.41	0.68	81.64	87.63	20.67	73.616	84.045	19.105	2.39	81.64
2.42	0.67	82.44	88.30	21.14	73.133	84.535	19.472	2.40	82.44
2.43	0.67	83.24	88.97	21.60	72.640	85.022	19.837	2.44	83.24
2.44	0.67	84.03	89.64	22.07	72.138	85.505	20.200	2.49	84.03
2.45	0.67	84.82	90.31	22.54	71.627	85.985	20.560	2.53	84.82
2.46	0.66	85.58	90.97	22.99	71.109	86.455	20.919	2.54	85.58
2.47	0.66	86.35	91.63	23.45	70.583	86.921	21.264	2.59	86.35
2.48	0.66	87.11	92.29	23.91	70.051	87.383	21.612	2.63	87.11
2.49	0.65	87.87	92.94	24.35	69.512	87.835	21.953	2.64	87.87
2.50	0.65	88.62	93.59	24.80	68.969	88.283	22.292	2.69	88.62
2.51	0.65	89.37	94.24	25.24	68.421	88.728	22.628	2.73	89.37
2.52	0.65	90.12	94.89	25.69	67.868	89.169	22.962	2.78	90.12
2.53	0.64	90.86	95.53	26.13	67.313	89.600	23.288	2.79	90.86
2.54	0.64	91.61	96.17	26.56	66.754	90.027	23.613	2.83	91.61
2.55	0.64	92.35	96.81	27.00	66.194	90.451	23.934	2.88	92.35
2.56	0.64	93.08	97.45	27.43	65.632	90.871	24.254	2.93	93.08
2.57	0.63	93.82	98.08	27.86	65.069	91.280	24.567	2.93	93.82
2.58	0.63	94.55	98.71	28.28	64.506	91.687	24.877	2.98	94.55
2.59	0.63	95.27	99.34	28.71	63.944	92.090	25.185	3.02	95.27
2.60	0.63	96.00	99.97	29.13	63.427	92.489	25.491	3.07	96.00

HEAD ASH %	29.13	CLEAN COAL ASH %	25.49	REFUSE ASH %	73.96
THEO. YIELD	94.60	CLEAN COAL YIELD%	92.49	REFUSE YIELD%	7.51
SG OF SEPARATION	2.516	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	11.999	IMPERFECTION	0.379		
ORGANIC EFFCY:	97.77				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 19 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

---------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 14.45 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM FLOATS WT%	CUM FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM ASH%	ELEMENTAL SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	0.86	0.22	0.86	0.22	99.658	0.857	0.220	0.04	0.22
1.25	0.92	0.42	1.78	0.32	99.630	1.774	0.323	0.04	0.42
1.26	0.98	0.62	2.76	0.43	99.602	2.750	0.429	0.05	0.62
1.27	1.04	0.82	3.80	0.54	99.572	3.785	0.536	0.05	0.82
1.28	1.10	1.02	4.90	0.64	99.542	4.880	0.644	0.06	1.02
1.29	1.16	1.22	6.06	0.75	99.512	6.035	0.754	0.07	1.22
1.30	1.21	1.42	7.27	0.87	99.481	7.238	0.865	0.08	1.42
1.31	1.27	1.61	8.54	0.98	99.449	8.501	0.976	0.09	1.61
1.32	1.33	1.98	9.87	1.11	99.417	9.824	1.111	0.09	1.98
1.33	1.38	2.51	11.25	1.28	99.384	11.195	1.282	0.10	2.51
1.34	1.44	3.03	12.69	1.48	99.351	12.626	1.480	0.11	3.03
1.35	1.49	3.56	14.18	1.70	99.317	14.106	1.699	0.12	3.56
1.36	1.55	4.07	15.73	1.93	99.282	15.644	1.932	0.14	4.07
1.37	1.60	4.59	17.33	2.18	99.248	17.232	2.177	0.15	4.59
1.38	1.65	5.10	18.98	2.43	99.212	18.869	2.430	0.16	5.10
1.39	1.71	5.61	20.69	2.70	99.177	20.568	2.693	0.17	5.61
1.40	1.76	6.11	22.45	2.96	99.141	22.310	2.960	0.18	6.11
1.41	1.94	6.25	24.39	3.22	99.104	24.233	3.221	0.21	6.25
1.42	2.22	6.40	26.61	3.49	99.067	26.432	3.485	0.25	6.40
1.43	2.42	6.54	29.03	3.74	99.030	28.829	3.739	0.29	6.54
1.44	2.55	6.68	31.58	3.98	98.992	31.353	3.976	0.31	6.68
1.45	2.60	6.82	34.18	4.20	98.962	33.926	4.192	0.33	6.82
1.46	2.59	8.09	36.77	4.47	98.923	36.488	4.466	0.34	8.09
1.47	2.50	9.35	39.27	4.78	98.884	38.960	4.775	0.34	9.35
1.48	2.35	10.61	41.62	5.11	98.844	41.283	5.104	0.33	10.61
1.49	2.12	11.86	43.74	5.44	98.802	43.378	5.430	0.31	11.86
1.50	1.82	13.09	45.56	5.74	98.759	45.175	5.735	0.27	13.09
1.51	1.62	14.39	47.18	6.04	98.715	46.774	6.031	0.25	14.39
1.52	1.55	15.68	48.73	6.35	98.669	48.304	6.336	0.25	15.68
1.53	1.48	16.95	50.21	6.66	98.622	49.763	6.648	0.25	16.95
1.54	1.39	18.22	51.60	6.97	98.572	51.133	6.958	0.24	18.22
1.55	1.29	19.49	52.89	7.28	98.521	52.404	7.262	0.23	19.49
1.56	1.17	20.01	54.06	7.55	98.467	53.556	7.536	0.22	20.01
1.57	1.05	20.53	55.11	7.80	98.411	54.590	7.782	0.20	20.53
1.58	0.91	21.04	56.02	8.01	98.352	55.485	7.996	0.18	21.04
1.59	0.77	21.55	56.79	8.20	98.290	56.241	8.178	0.16	21.55
1.60	0.61	22.06	57.40	8.34	98.226	56.841	8.324	0.13	22.06
1.61	0.51	22.64	57.91	8.47	98.159	57.341	8.449	0.11	22.64
1.62	0.49	23.21	58.40	8.59	98.088	57.822	8.572	0.11	23.21
1.63	0.48	23.78	58.88	8.72	98.014	58.292	8.695	0.12	23.78
1.64	0.47	24.34	59.35	8.84	97.937	58.753	8.817	0.12	24.34
1.65	0.46	24.90	59.81	8.97	97.856	59.203	8.940	0.12	24.90
1.66	0.47	25.89	60.28	9.10	97.771	59.662	9.070	0.13	25.89
1.67	0.47	26.88	60.75	9.24	97.682	60.121	9.206	0.13	26.88
1.68	0.48	27.86	61.23	9.38	97.590	60.590	9.350	0.14	27.86
1.69	0.50	28.83	61.73	9.54	97.492	61.077	9.506	0.15	28.83
1.70	0.52	29.80	62.25	9.71	97.391	61.584	9.673	0.17	29.80
1.71	.56	30.54	62.81	9.89	97.285	62.129	9.856	.8	30.54
1.72	.59	31.27	63.40	10.09	97.174	62.702	10.052	.0	31.27

1.73	0.61	32.00	64.01	10.30	97.058	63.294	10.257	0.22	32.00
1.74	0.62	32.73	64.63	10.52	96.937	63.895	10.468	0.23	32.73
1.75	0.61	33.45	65.24	10.73	96.811	64.485	10.679	0.24	33.45
1.76	0.60	34.32	65.84	10.95	96.679	65.066	10.890	0.24	34.32
1.77	0.57	35.17	66.41	11.16	96.542	65.616	11.093	0.24	35.17
1.78	0.52	36.03	66.93	11.35	96.399	66.117	11.282	0.23	36.03
1.79	0.47	36.88	67.40	11.53	96.250	66.569	11.456	0.21	36.88
1.80	0.40	37.72	67.80	11.68	96.096	66.954	11.607	0.19	37.72
1.81	0.34	38.56	68.14	11.81	95.830	67.280	11.737	0.17	38.56
1.82	0.31	39.39	68.45	11.94	95.645	67.576	11.859	0.16	39.39
1.83	0.29	40.22	68.74	12.06	95.446	67.853	11.975	0.16	40.22
1.84	0.27	41.05	69.01	12.17	95.236	68.110	12.084	0.16	41.05
1.85	0.25	41.87	69.26	12.28	95.016	68.348	12.188	0.15	41.87
1.86	0.23	42.39	69.49	12.38	94.789	68.566	12.284	0.15	42.39
1.87	0.22	42.91	69.71	12.47	94.556	68.774	12.376	0.15	42.91
1.88	0.22	43.43	69.93	12.57	94.320	68.981	12.470	0.15	43.43
1.89	0.22	43.94	70.15	12.67	94.082	69.188	12.564	0.16	43.94
1.90	0.22	44.45	70.37	12.77	93.844	69.395	12.659	0.16	44.45
1.91	0.22	44.81	70.59	12.87	93.609	69.601	12.754	0.17	44.81
1.92	0.22	45.16	70.81	12.97	93.522	69.806	12.850	0.17	45.16
1.93	0.22	45.52	71.03	13.07	93.303	70.012	12.945	0.18	45.52
1.94	0.22	45.87	71.25	13.17	93.089	70.216	13.041	0.18	45.87
1.95	0.22	46.22	71.47	13.27	92.873	70.421	13.138	0.19	46.22
1.96	0.22	47.08	71.69	13.38	92.649	70.625	13.235	0.20	47.08
1.97	0.22	47.93	71.91	13.48	92.410	70.828	13.335	0.20	47.93
1.98	0.22	48.78	72.13	13.59	92.152	71.031	13.436	0.21	48.78
1.99	0.22	49.62	72.35	13.70	91.867	71.233	13.539	0.22	49.62
2.00	0.22	50.46	72.57	13.81	91.550	71.434	13.643	0.23	50.46
2.01	0.22	50.99	72.79	13.92	91.194	71.635	13.748	0.24	50.99
2.02	0.22	51.52	73.01	14.04	90.594	71.834	13.852	0.25	51.52
2.03	0.22	52.04	73.23	14.15	90.176	72.032	13.958	0.26	52.04
2.04	0.22	52.56	73.45	14.27	89.748	72.230	14.063	0.27	52.56
2.05	0.22	53.08	73.67	14.38	89.311	72.426	14.169	0.29	53.08
2.06	0.22	54.00	73.89	14.50	88.867	72.622	14.276	0.30	54.00
2.07	0.22	54.92	74.11	14.62	88.416	72.816	14.385	0.31	54.92
2.08	0.22	55.84	74.33	14.74	87.961	73.010	14.495	0.32	55.84
2.09	0.22	56.75	74.55	14.87	87.502	73.202	14.606	0.33	56.75
2.10	0.22	57.65	74.77	14.99	87.041	73.394	14.718	0.35	57.65
2.11	0.22	58.46	74.99	15.12	86.579	73.584	14.831	0.36	58.46
2.12	0.22	59.25	75.21	15.25	86.118	73.774	14.945	0.37	59.25
2.13	0.21	60.05	75.42	15.37	85.659	73.954	15.055	0.37	60.05
2.14	0.21	60.84	75.63	15.50	85.203	74.133	15.166	0.38	60.84
2.15	0.21	61.63	75.84	15.63	84.752	74.311	15.277	0.39	61.63
2.16	0.21	62.02	76.05	15.76	84.307	74.488	15.388	0.40	62.02
2.17	0.20	62.41	76.25	15.88	83.870	74.655	15.494	0.39	62.41
2.18	0.20	62.80	76.45	16.00	83.565	74.822	15.599	0.40	62.80
2.19	0.21	63.18	76.66	16.13	83.133	74.997	15.710	0.43	63.18
2.20	0.21	63.57	76.87	16.26	82.702	75.171	15.821	0.44	63.57
2.21	0.19	63.73	77.06	16.38	82.272	75.327	15.920	0.41	63.73
2.22	0.17	63.88	77.23	16.48	81.844	75.466	16.009	0.38	63.88
2.23	0.15	64.04	77.38	16.57	81.417	75.588	16.086	0.34	64.04
2.24	0.14	64.20	77.52	16.66	80.990	75.702	16.158	0.32	64.20
2.25	0.13	64.35	77.65	16.74	80.564	75.806	16.225	0.31	64.35
2.26	0.13	65.48	77.78	16.82	80.138	75.911	16.292	0.31	65.48
2.27	0.14	66.61	77.92	16.91	79.712	76.022	16.366	0.35	66.61
2.28	0.15	67.74	78.07	17.01	79.286	76.141	16.447	0.38	67.74
2.29	0.17	68.85	78.24	17.12	78.860	76.275	16.539	0.44	68.85
2.30	0.19	69.97	78.43	17.25	78.432	76.424	16.643	0.50	69.97
2.31	0.76	70.80	79.19	17.76	78.004	77.017	17.060	2.03	70.80
2.32	0.76	71.62	79.95	18.27	77.574	77.607	17.474	2.07	71.62
2.33	0.76	72.45	80.71	18.78	77.143	78.193	17.886	2.11	72.45
2.34	0.75	73.27	81.46	19.29	76.710	78.768	18.291	2.12	73.27

2.35	0.75	74.08	82.21	19.79	76.275	79.340	18.693	2.16	74.08
2.36	0.75	74.90	82.96	20.28	75.838	79.909	19.093	2.20	74.90
2.37	0.74	75.71	83.70	20.77	75.398	80.467	19.486	2.21	75.71
2.38	0.74	76.51	84.44	21.26	74.956	81.022	19.876	2.25	76.51
2.39	0.74	77.31	85.18	21.75	74.550	81.573	20.265	2.29	77.31
2.40	0.73	78.11	85.91	22.23	74.089	82.114	20.646	2.30	78.11
2.41	0.73	78.91	86.64	22.71	73.616	82.652	21.025	2.34	78.91
2.42	0.73	79.70	87.37	23.18	73.133	83.185	21.401	2.39	79.70
2.43	0.72	80.49	88.09	23.65	72.640	83.709	21.770	2.40	80.49
2.44	0.72	81.28	88.81	24.12	72.138	84.228	22.137	2.44	81.28
2.45	0.72	82.06	89.53	24.58	71.627	84.744	22.502	2.49	82.06
2.46	0.72	83.01	90.25	25.05	71.109	85.256	22.865	2.53	83.01
2.47	0.71	83.97	90.96	25.51	70.583	85.757	23.222	2.54	83.97
2.48	0.71	84.91	91.67	25.97	70.051	86.254	23.578	2.59	84.91
2.49	0.71	85.86	92.38	26.43	69.512	86.748	23.933	2.63	85.86
2.50	0.70	86.80	93.08	26.88	68.969	87.230	24.280	2.64	86.80
2.51	0.70	87.73	93.78	27.34	68.421	87.709	24.627	2.69	87.73
2.52	0.70	88.67	94.48	27.79	67.868	88.184	24.972	2.74	88.67
2.53	0.70	89.60	95.18	28.25	67.313	88.656	25.315	2.78	89.60
2.54	0.69	90.52	95.87	28.70	66.754	89.116	25.653	2.79	90.52
2.55	0.69	91.44	96.56	29.14	66.194	89.573	25.988	2.84	91.44
2.56	0.69	92.36	97.25	29.59	65.632	90.026	26.322	2.88	92.36
2.57	0.69	93.28	97.94	30.04	65.069	90.475	26.654	2.93	93.28
2.58	0.68	94.19	98.62	30.48	64.506	90.913	26.980	2.94	94.19
2.59	0.68	95.10	99.30	30.93	63.944	91.348	27.304	2.98	95.10
2.60	0.68	96.00	99.98	31.37	63.427	91.780	27.627	3.03	96.00

HEAD ASH %	31.37	CLEAN COAL ASH %	27.63	REFUSE ASH %	73.14
THEO. YIELD	94.22	CLEAN COAL YIELD%	91.78	REFUSE YIELD%	8.22
SG OF SEPARATION	2.516	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	12.897	IMPERFECTION	0.379		
ORGANIC EFFCY.	97.41				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 20 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 9.54 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	0.50	1.24	0.50	1.24	99.658	0.498	1.240	0.02	1.24
1.25	0.58	2.47	1.08	1.90	99.630	1.076	1.900	0.02	2.47
1.26	0.66	3.68	1.74	2.58	99.602	1.734	2.575	0.03	3.68
1.27	0.74	4.88	2.48	3.26	99.572	2.470	3.263	0.03	4.88
1.28	0.81	6.08	3.29	3.96	99.542	3.277	3.956	0.04	6.08
1.29	0.89	7.26	4.18	4.66	99.512	4.162	4.659	0.04	7.26
1.30	0.96	8.44	5.14	5.37	99.481	5.117	5.365	0.05	8.44
1.31	1.04	9.61	6.18	6.08	99.449	6.152	6.078	0.06	9.61
1.32	1.11	10.20	7.29	6.71	99.417	7.255	6.705	0.07	10.20
1.33	1.18	10.24	8.47	7.20	99.384	8.428	7.197	0.07	10.24
1.34	1.26	10.27	9.73	7.60	99.351	9.680	7.595	0.08	10.27
1.35	1.33	10.31	11.06	7.92	99.317	11.001	7.921	0.09	10.31
1.36	1.40	10.34	12.46	8.19	99.282	12.391	8.192	0.10	10.34
1.37	1.47	10.38	13.93	8.43	99.248	13.849	8.423	0.11	10.38
1.38	1.54	10.41	15.47	8.62	99.212	15.377	8.620	0.12	10.41
1.39	1.61	10.45	17.08	8.80	99.177	16.974	8.792	0.13	10.45
1.40	1.67	10.48	18.75	8.95	99.141	18.630	8.942	0.14	10.48
1.41	2.42	10.48	21.17	9.12	99.104	21.028	9.118	0.22	10.48
1.42	2.90	10.48	24.07	9.28	99.067	23.901	9.281	0.27	10.48
1.43	3.25	10.48	27.32	9.43	99.030	27.119	9.424	0.32	10.48
1.44	3.46	10.48	30.78	9.55	98.992	30.545	9.542	0.35	10.48
1.45	3.54	10.48	34.32	9.64	98.962	34.048	9.639	0.37	10.48
1.46	2.02	11.41	36.34	9.74	98.923	36.046	9.737	0.22	11.41
1.47	1.91	12.32	38.25	9.87	98.884	37.935	9.865	0.22	12.32
1.48	1.72	13.23	39.97	10.01	98.844	39.635	10.010	0.20	13.23
1.49	1.46	14.14	41.43	10.16	98.802	41.077	10.155	0.18	14.14
1.50	1.12	15.04	42.55	10.29	98.759	42.184	10.283	0.14	15.04
1.51	1.24	15.80	43.79	10.44	98.715	43.408	10.438	0.16	15.80
1.52	1.18	16.56	44.97	10.60	98.669	44.572	10.598	0.16	16.56
1.53	1.12	17.31	46.09	10.77	98.622	45.676	10.761	0.16	17.31
1.54	1.06	18.06	47.15	10.93	98.572	46.721	10.924	0.15	18.06
1.55	0.99	18.80	48.14	11.09	98.521	47.697	11.085	0.15	18.80
1.56	0.93	19.54	49.07	11.25	98.467	48.612	11.244	0.14	19.54
1.57	0.86	20.28	49.93	11.41	98.411	49.459	11.399	0.14	20.28
1.58	0.80	21.01	50.73	11.56	98.352	50.246	11.549	0.13	21.01
1.59	0.73	21.74	51.46	11.70	98.290	50.963	11.693	0.13	21.74
1.60	0.66	22.46	52.12	11.84	98.226	51.611	11.828	0.12	22.46
1.61	0.62	23.03	52.74	11.97	98.159	52.220	11.959	0.12	23.03
1.62	0.62	23.60	53.36	12.11	98.088	52.828	12.093	0.12	23.60
1.63	0.62	24.16	53.98	12.25	98.014	53.436	12.230	0.12	24.16
1.64	0.62	24.72	54.60	12.39	97.937	54.043	12.370	0.13	24.72
1.65	0.61	25.28	55.21	12.53	97.856	54.640	12.511	0.13	25.28
1.66	0.60	26.38	55.81	12.68	97.771	55.227	12.659	0.14	26.38
1.67	0.59	27.47	56.40	12.83	97.682	55.803	12.812	0.14	27.47
1.68	0.57	28.55	56.97	12.99	97.590	56.359	12.967	0.14	28.55
1.69	0.56	29.63	57.53	13.15	97.492	56.906	13.127	0.14	29.63
1.70	0.54	30.70	58.07	13.32	97.391	57.431	13.288	0.14	30.70
1.71	0.54	31.70	58.61	13.48	97.285	57.956	13.455	0.15	31.70
1.72	0.55	32.68	59.16	13.66	97.174	58.491	13.630	0.16	32.68

1.73	0.55	33.67	59.71	13.85	97.058	59.025	13.811	0.16	33.67
1.74	0.55	34.64	60.26	14.04	96.937	59.558	13.998	0.17	34.64
1.75	0.53	35.62	60.79	14.23	96.811	60.071	14.183	0.17	35.62
1.76	0.50	36.55	61.29	14.41	96.679	60.554	14.361	0.17	36.55
1.77	0.46	37.48	61.75	14.58	96.542	60.988	14.529	0.16	37.48
1.78	0.42	38.40	62.17	14.74	96.399	61.403	14.687	0.15	38.40
1.79	0.36	39.32	62.53	14.88	96.250	61.750	14.825	0.14	39.32
1.80	0.29	40.23	62.82	15.00	96.096	62.028	14.939	0.11	40.23
1.81	0.24	41.31	63.06	15.10	95.830	62.258	15.037	0.10	41.31
1.82	0.22	42.39	63.28	15.19	95.645	62.469	15.129	0.10	42.39
1.83	0.20	43.46	63.48	15.28	95.446	62.660	15.215	0.09	43.46
1.84	0.19	44.52	63.67	15.37	95.236	62.841	15.299	0.09	44.52
1.85	0.18	45.57	63.85	15.46	95.016	63.012	15.382	0.09	45.57
1.86	0.17	45.92	64.02	15.54	94.789	63.173	15.460	0.09	45.92
1.87	0.16	46.27	64.18	15.61	94.556	63.324	15.533	0.09	46.27
1.88	0.15	46.61	64.33	15.69	94.320	63.466	15.602	0.09	46.61
1.89	0.15	46.96	64.48	15.76	94.082	63.607	15.672	0.09	46.96
1.90	0.15	47.30	64.63	15.83	93.844	63.747	15.742	0.09	47.30
1.91	0.14	47.43	64.77	15.90	93.609	63.879	15.807	0.09	47.43
1.92	0.14	47.55	64.91	15.97	93.522	64.009	15.872	0.09	47.55
1.93	0.13	47.68	65.04	16.03	93.303	64.131	15.932	0.09	47.68
1.94	0.13	47.81	65.17	16.09	93.089	64.252	15.992	0.09	47.81
1.95	0.13	47.93	65.30	16.16	92.873	64.373	16.052	0.09	47.93
1.96	0.13	48.87	65.43	16.22	92.649	64.493	16.113	0.10	48.87
1.97	0.14	49.80	65.57	16.29	92.410	64.622	16.181	0.11	49.80
1.98	0.15	50.73	65.72	16.37	92.152	64.761	16.254	0.12	50.73
1.99	0.15	51.66	65.87	16.45	91.867	64.898	16.330	0.12	51.66
2.00	0.17	52.58	66.04	16.55	91.550	65.054	16.416	0.15	52.58
2.01	0.18	53.03	66.22	16.65	91.194	65.218	16.508	0.16	53.03
2.02	0.18	53.47	66.40	16.75	90.594	65.381	16.601	0.17	53.47
2.03	0.19	53.92	66.59	16.85	90.176	65.553	16.698	0.19	53.92
2.04	0.20	54.36	66.79	16.96	89.748	65.732	16.801	0.21	54.36
2.05	0.20	54.80	66.99	17.08	89.311	65.911	16.904	0.22	54.80
2.06	0.21	55.83	67.20	17.20	88.867	66.097	17.014	0.24	55.83
2.07	0.21	56.86	67.41	17.32	88.416	66.283	17.126	0.25	56.86
2.08	0.22	57.89	67.63	17.45	87.961	66.476	17.244	0.27	57.89
2.09	0.22	58.91	67.85	17.59	87.502	66.669	17.364	0.28	58.91
2.10	0.22	59.92	68.07	17.72	87.041	66.860	17.486	0.29	59.92
2.11	0.23	60.72	68.30	17.87	86.579	67.060	17.615	0.31	60.72
2.12	0.23	61.52	68.53	18.02	86.118	67.258	17.744	0.32	61.52
2.13	0.24	62.31	68.77	18.17	85.659	67.463	17.880	0.35	62.31
2.14	0.24	63.09	69.01	18.33	85.203	67.668	18.016	0.36	63.09
2.15	0.24	63.88	69.25	18.48	84.752	67.871	18.154	0.37	63.88
2.16	0.24	64.30	69.49	18.64	84.307	68.073	18.291	0.38	64.30
2.17	0.24	64.71	69.73	18.80	83.870	68.275	18.428	0.39	64.71
2.18	0.24	65.13	69.97	18.96	83.565	68.475	18.565	0.40	65.13
2.19	0.24	65.54	70.21	19.12	83.133	68.675	18.701	0.41	65.54
2.20	0.24	65.95	70.45	19.28	82.702	68.873	18.837	0.42	65.95
2.21	0.22	66.13	70.67	19.42	82.272	69.054	18.961	0.39	66.13
2.22	0.20	66.30	70.87	19.56	81.844	69.218	19.073	0.37	66.30
2.23	0.19	66.47	71.06	19.68	81.417	69.373	19.179	0.36	66.47
2.24	0.18	66.64	71.24	19.80	80.990	69.518	19.279	0.35	66.64
2.25	0.17	66.81	71.41	19.91	80.564	69.655	19.372	0.33	66.81
2.26	0.17	67.81	71.58	20.03	80.138	69.792	19.467	0.34	67.81
2.27	0.18	68.80	71.76	20.15	79.712	69.935	19.568	0.37	68.80
2.28	0.19	69.78	71.95	20.28	79.286	70.086	19.676	0.40	69.78
2.29	0.20	70.76	72.15	20.42	78.860	70.244	19.790	0.43	70.76
2.30	0.22	71.73	72.37	20.58	78.432	70.416	19.918	0.48	71.73
2.31	0.98	72.47	73.35	21.27	78.004	71.181	20.482	2.18	72.47
2.32	0.97	73.21	74.32	21.95	77.574	71.933	21.034	20	73.21
2.33	.97	73.94	75.29	22.62	77.143	72.681	21.578	24	73.94
2.34	0.96	74.67	76.25	23.27	76.710	73.418	22.111	26	74.67

2.35	0.96	75.40	77.21	23.92	76.275	74.150	22.637	2.30	75.40
2.36	0.96	76.13	78.17	24.56	75.838	74.878	23.157	2.34	76.13
2.37	0.95	76.85	79.12	25.19	75.398	75.594	23.666	2.36	76.85
2.38	0.95	77.56	80.07	25.81	74.956	76.306	24.169	2.40	77.56
2.39	0.94	78.28	81.01	26.42	74.550	77.007	24.661	2.42	78.28
2.40	0.94	78.99	81.95	27.02	74.089	77.704	25.148	2.46	78.99
2.41	0.94	79.70	82.89	27.62	73.616	78.396	25.630	2.50	79.70
2.42	0.93	80.41	83.82	28.21	73.133	79.076	26.101	2.52	80.41
2.43	0.93	81.11	84.75	28.79	72.640	79.751	26.567	2.57	81.11
2.44	0.93	81.81	85.68	29.36	72.138	80.422	27.028	2.62	81.81
2.45	0.92	82.51	86.60	29.93	71.627	81.081	27.479	2.64	82.51
2.46	0.92	83.43	87.52	30.49	71.109	81.735	27.927	2.68	83.43
2.47	0.91	84.35	88.43	31.04	70.583	82.378	28.367	2.70	84.35
2.48	0.91	85.27	89.34	31.60	70.051	83.015	28.804	2.75	85.27
2.49	0.91	86.19	90.25	32.15	69.512	83.648	29.238	2.80	86.19
2.50	0.90	87.10	91.15	32.69	68.969	84.268	29.664	2.82	87.10
2.51	0.90	88.00	92.05	33.23	68.421	84.884	30.087	2.87	88.00
2.52	0.90	88.90	92.95	33.77	67.868	85.495	30.507	2.92	88.90
2.53	0.89	89.80	93.84	34.30	67.313	86.094	30.920	2.94	89.80
2.54	0.89	90.70	94.73	34.83	66.754	86.688	31.330	2.99	90.70
2.55	0.89	91.59	95.62	35.36	66.194	87.277	31.736	3.04	91.59
2.56	0.88	92.48	96.50	35.88	65.632	87.855	32.136	3.05	92.48
2.57	0.88	93.36	97.38	36.40	65.069	88.427	32.532	3.10	93.36
2.58	0.87	94.25	98.25	36.91	64.506	88.989	32.921	3.12	94.25
2.59	0.87	95.13	99.12	37.42	63.944	89.545	33.308	3.17	95.13
2.60	0.87	96.00	99.99	37.93	63.427	90.097	33.692	3.21	96.00

		CLEAN COAL ASH %	33.69	REFUSE ASH %	76.50
HEAD ASH %	37.93	CLEAN COAL YIELD%	90.10	REFUSE YIELD%	9.90
THEO. YIELD	92.82	ECART PROB. MOYEN	0.5229		
SG OF SEPARATION	2.519	IMPERFECTION	0.379		
NEAR GRAVITY MAT	16.313				
ORGANIC EFFCY.	97.06				

(2)

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 21 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.65 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL SINK WT%	CUM. ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	2.76	0.16	2.76	0.16	99.658	2.751	0.160	0.11	0.16
1.25	2.71	0.31	5.47	0.23	99.630	5.451	0.234	0.12	0.31
1.26	2.66	0.47	8.13	0.31	99.602	8.100	0.311	0.12	0.47
1.27	2.60	0.61	10.73	0.38	99.572	10.689	0.384	0.13	0.61
1.28	2.55	0.76	13.28	0.46	99.542	13.227	0.456	0.14	0.76
1.29	2.49	0.91	15.77	0.53	99.512	15.705	0.528	0.14	0.91
1.30	2.42	1.06	18.19	0.60	99.481	18.112	0.598	0.15	1.06
1.31	2.36	1.20	20.55	0.67	99.449	20.459	0.667	0.15	1.20
1.32	2.29	1.55	22.84	0.76	99.417	22.736	0.756	0.16	1.55
1.33	2.22	2.10	25.06	0.88	99.384	24.942	0.875	0.16	2.10
1.34	2.14	2.65	27.20	1.01	99.351	27.069	1.014	0.16	2.65
1.35	2.06	3.20	29.26	1.17	99.317	29.114	1.168	0.16	3.20
1.36	1.98	3.74	31.24	1.33	99.282	31.080	1.330	0.16	3.74
1.37	1.90	4.27	33.14	1.50	99.248	32.966	1.499	0.17	4.27
1.38	1.81	4.80	34.95	1.67	99.212	34.782	1.669	0.17	4.80
1.39	1.72	5.33	36.67	1.84	99.177	36.468	1.840	0.16	5.33
1.40	1.63	5.86	38.30	2.01	99.141	38.084	2.011	0.16	5.86
1.41	1.56	6.45	39.86	2.19	99.104	39.630	2.184	0.16	6.45
1.42	1.51	7.09	41.37	2.37	99.067	41.125	2.363	0.16	7.09
1.43	1.45	7.77	42.82	2.55	99.030	42.561	2.545	0.16	7.77
1.44	1.38	8.51	44.20	2.74	98.992	43.927	2.730	0.16	8.51
1.45	1.30	9.31	45.50	2.92	98.962	45.214	2.918	0.16	9.31
1.46	1.20	10.14	46.70	3.11	98.923	46.401	3.102	0.15	10.14
1.47	1.09	10.98	47.79	3.29	98.884	47.479	3.281	0.14	10.98
1.48	0.97	11.83	48.76	3.46	98.844	48.438	3.451	0.13	11.83
1.49	0.84	12.68	49.60	3.61	98.802	49.268	3.606	0.12	12.68
1.50	0.70	13.54	50.30	3.75	98.759	49.959	3.743	0.10	13.54
1.51	0.62	14.26	50.92	3.88	98.715	50.571	3.871	0.09	14.26
1.52	0.62	14.98	51.54	4.01	98.669	51.183	4.004	0.10	14.98
1.53	0.62	15.69	52.16	4.15	98.622	51.794	4.141	0.10	15.69
1.54	0.62	16.40	52.78	4.30	98.572	52.405	4.284	0.10	16.40
1.55	0.61	17.11	53.39	4.44	98.521	53.006	4.430	0.10	17.11
1.56	0.61	18.08	54.00	4.60	98.467	53.607	4.583	0.11	18.08
1.57	0.60	19.05	54.60	4.76	98.411	54.197	4.740	0.11	19.05
1.58	0.60	20.01	55.20	4.92	98.352	54.788	4.905	0.11	20.01
1.59	0.60	20.96	55.80	5.09	98.290	55.377	5.076	0.12	20.96
1.60	0.59	21.91	56.39	5.27	98.226	55.957	5.250	0.12	21.91
1.61	0.59	22.33	56.98	5.45	98.159	56.536	5.425	0.13	22.33
1.62	0.59	22.74	57.57	5.62	98.088	57.115	5.601	0.13	22.74
1.63	0.59	23.16	58.16	5.80	98.014	57.693	5.777	0.14	23.16
1.64	0.59	23.57	58.75	5.98	97.937	58.271	5.953	0.14	23.57
1.65	0.59	23.98	59.34	6.16	97.856	58.848	6.130	0.15	23.98
1.66	0.59	25.70	59.93	6.35	97.771	59.425	6.320	0.15	25.70
1.67	0.58	27.41	60.51	6.55	97.682	59.992	6.519	0.16	27.41
1.68	0.57	29.11	61.08	6.76	97.590	60.548	6.727	0.18	29.11
1.69	0.57	30.80	61.65	6.99	97.492	61.103	6.946	0.17	30.80
1.70	0.56	32.48	62.21	7.22	97.391	61.649	7.171	0.17	32.48
1.71	.53	33.97	62.74	7.44	97.285	62.164	7.394	7	33.97
1.72	.50	35.46	63.24	7.66	97.174	62.650	7.611	6	35.46

1.73	0.46	36.94	63.70	7.87	97.058	63.097	7.819	0.16	36.94
1.74	0.43	38.41	64.13	8.08	96.937	63.514	8.020	0.15	38.41
1.75	0.40	39.87	64.53	8.28	96.811	63.901	8.213	0.15	39.87
1.76	0.37	40.24	64.90	8.46	96.679	64.259	8.391	0.14	40.24
1.77	0.35	40.61	65.25	8.63	96.542	64.597	8.560	0.14	40.61
1.78	0.32	40.98	65.57	8.79	96.399	64.905	8.714	0.13	40.98
1.79	0.30	41.35	65.87	8.94	96.250	65.194	8.858	0.13	41.35
1.80	0.28	41.72	66.15	9.08	96.096	65.463	8.993	0.13	41.72
1.81	0.26	42.24	66.41	9.21	95.830	65.712	9.119	0.13	42.24
1.82	0.26	42.76	66.67	9.34	95.645	65.961	9.246	0.13	42.76
1.83	0.26	43.27	66.93	9.47	95.446	66.209	9.374	0.14	43.27
1.84	0.26	43.79	67.19	9.60	95.236	66.456	9.502	0.14	43.79
1.85	0.26	44.30	67.45	9.73	95.016	66.703	9.631	0.15	44.30
1.86	0.26	45.10	67.71	9.87	94.789	66.950	9.761	0.16	45.10
1.87	0.26	45.89	67.97	10.01	94.556	67.196	9.894	0.16	45.89
1.88	0.26	46.68	68.23	10.15	94.320	67.441	10.027	0.17	46.68
1.89	0.26	47.47	68.49	10.29	94.082	67.686	10.163	0.18	47.47
1.90	0.26	48.25	68.75	10.43	93.844	67.930	10.299	0.19	48.25
1.91	0.27	48.98	69.02	10.58	93.609	68.182	10.443	0.20	48.98
1.92	0.27	49.69	69.29	10.74	93.522	68.435	10.588	0.20	49.69
1.93	0.28	50.41	69.57	10.90	93.303	68.696	10.739	0.22	50.41
1.94	0.28	51.12	69.85	11.06	93.089	68.957	10.892	0.22	51.12
1.95	0.28	51.83	70.13	11.22	92.873	69.217	11.046	0.23	51.83
1.96	0.28	52.11	70.41	11.38	92.649	69.476	11.199	0.24	52.11
1.97	0.27	52.39	70.68	11.54	92.410	69.726	11.346	0.24	52.39
1.98	0.27	52.67	70.95	11.70	92.152	69.975	11.493	0.25	52.67
1.99	0.26	52.95	71.21	11.85	91.867	70.213	11.634	0.25	52.95
2.00	0.25	53.23	71.46	11.99	91.550	70.442	11.769	0.25	53.23
2.01	0.23	53.34	71.69	12.12	91.194	70.652	11.893	0.24	53.34
2.02	0.20	53.46	71.89	12.24	90.594	70.833	11.999	0.22	53.46
2.03	0.18	53.57	72.07	12.34	90.176	70.996	12.094	0.21	53.57
2.04	0.17	53.68	72.24	12.44	89.748	71.148	12.183	0.20	53.68
2.05	0.15	53.79	72.39	12.53	89.311	71.282	12.262	0.19	53.79
2.06	0.15	54.41	72.54	12.61	88.867	71.415	12.340	0.19	54.41
2.07	0.14	55.02	72.68	12.69	88.416	71.539	12.414	0.19	55.02
2.08	0.14	55.63	72.82	12.78	87.961	71.662	12.488	0.20	55.63
2.09	0.15	56.24	72.97	12.87	87.502	71.794	12.568	0.22	56.24
2.10	0.16	56.84	73.13	12.96	87.041	71.933	12.654	0.24	56.84
2.11	0.16	57.30	73.29	13.06	86.579	72.071	12.740	0.25	57.30
2.12	0.15	57.75	73.44	13.15	86.118	72.200	12.820	0.24	57.75
2.13	0.15	58.19	73.59	13.24	85.659	72.329	12.901	0.25	58.19
2.14	0.14	58.64	73.73	13.33	85.203	72.448	12.976	0.24	58.64
2.15	0.14	59.08	73.87	13.41	84.752	72.567	13.052	0.25	59.08
2.16	0.13	59.53	74.00	13.50	84.307	72.677	13.122	0.24	59.53
2.17	0.13	59.97	74.13	13.58	83.870	72.786	13.192	0.24	59.97
2.18	0.13	60.40	74.26	13.66	83.565	72.894	13.262	0.25	60.40
2.19	0.13	60.84	74.39	13.74	83.133	73.002	13.333	0.25	60.84
2.20	0.13	61.27	74.52	13.82	82.702	73.110	13.403	0.26	61.27
2.21	0.13	62.22	74.65	13.91	82.272	73.217	13.475	0.27	62.22
2.22	0.13	63.17	74.78	13.99	81.844	73.323	13.547	0.27	63.17
2.23	0.13	64.11	74.91	14.08	81.417	73.429	13.620	0.28	64.11
2.24	0.13	65.04	75.04	14.17	80.990	73.534	13.693	0.29	65.04
2.25	0.14	65.97	75.18	14.27	80.564	73.647	13.773	0.32	65.97
2.26	0.14	66.90	75.32	14.36	80.138	73.759	13.854	0.32	66.90
2.27	0.14	67.82	75.46	14.46	79.712	73.871	13.936	0.33	67.82
2.28	0.15	68.74	75.61	14.57	79.286	73.990	14.024	0.36	68.74
2.29	0.16	69.66	75.77	14.69	78.860	74.116	14.118	0.39	69.66
2.30	0.16	70.57	75.93	14.80	78.432	74.241	14.214	0.40	70.57
2.31	0.85	71.35	76.78	15.43	78.004	74.904	14.720	2.17	71.35
2.32	0.85	72.13	77.63	16.05	77.574	75.564	15.221	2.21	72.13
2.33	0.84	72.91	78.47	16.66	77.143	76.212	15.711	2.23	72.91
2.34	0.84	73.69	79.31	17.26	76.710	76.856	16.197	2.27	73.69

2.35	0.84	74.46	80.15	17.86	76.275	77.497	16.679	2.31	74.46
2.36	0.83	75.23	80.98	18.45	75.838	78.126	17.151	2.33	75.23
2.37	0.83	76.00	81.81	19.04	75.398	78.752	17.618	2.37	76.00
2.38	0.83	76.76	82.64	19.62	74.956	79.374	18.082	2.41	76.76
2.39	0.82	77.52	83.46	20.18	74.550	79.986	18.536	2.42	77.52
2.40	0.82	78.28	84.28	20.75	74.089	80.593	18.986	2.47	78.28
2.41	0.82	79.03	85.10	21.31	73.616	81.197	19.433	2.51	79.03
2.42	0.81	79.78	85.91	21.86	73.133	81.789	19.870	2.53	79.78
2.43	0.81	80.53	86.72	22.41	72.640	82.378	20.303	2.57	80.53
2.44	0.81	81.27	87.53	22.95	72.138	82.962	20.733	2.62	81.27
2.45	0.80	82.01	88.33	23.49	71.627	83.536	21.153	2.63	82.01
2.46	0.80	82.97	89.13	24.02	71.109	84.104	21.571	2.68	82.97
2.47	0.80	83.92	89.93	24.56	70.583	84.668	21.987	2.73	83.92
2.48	0.79	84.88	90.72	25.08	70.051	85.222	22.395	2.75	84.88
2.49	0.79	85.82	91.51	25.61	69.512	85.771	22.801	2.80	85.82
2.50	0.79	86.77	92.30	26.13	68.969	86.316	23.205	2.85	86.77
2.51	0.78	87.71	93.08	26.65	68.421	86.850	23.602	2.86	87.71
2.52	0.78	88.64	93.86	27.16	67.868	87.379	23.996	2.91	88.64
2.53	0.78	89.57	94.64	27.68	67.313	87.904	24.387	2.96	89.57
2.54	0.77	90.50	95.41	28.18	66.754	88.418	24.772	2.97	90.50
2.55	0.77	91.43	96.18	28.69	66.194	88.928	25.154	3.02	91.43
2.56	0.77	92.35	96.95	29.19	65.632	89.433	25.533	3.07	92.35
2.57	0.76	93.27	97.71	29.69	65.069	89.928	25.906	3.08	93.27
2.58	0.76	94.18	98.47	30.19	64.506	90.418	26.276	3.13	94.18
2.59	0.76	95.09	99.23	30.69	63.944	90.904	26.644	3.18	95.09
2.60	0.76	96.00	99.99	31.18	63.427	91.386	27.010	3.23	96.00

HEAD ASH %	31.18	CLEAN COAL ASH %	27.01	REFUSE ASH %	75.46
THEO. YIELD	93.63	CLEAN COAL YIELD%	91.39	REFUSE YIELD%	8.61
SG OF SEPARATION	2.517	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	14.327	IMPERFECTION	0.379		
ORGANIC EFFCY.	97.60				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 22 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.86 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL SINK WT%	CUM. ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	0.19	0.01	0.19	0.01	99.658	0.189	0.010	0.01	0.01
1.25	0.27	0.01	0.46	0.01	99.630	0.458	0.010	0.01	0.01
1.26	0.36	0.01	0.82	0.01	99.602	0.817	0.010	0.02	0.01
1.27	0.44	0.01	1.26	0.01	99.572	1.255	0.010	0.02	0.01
1.28	0.53	0.01	1.79	0.01	99.542	1.783	0.010	0.03	0.01
1.29	0.63	0.01	2.42	0.01	99.512	2.410	0.010	0.04	0.01
1.30	0.72	0.01	3.14	0.01	99.481	3.126	0.010	0.05	0.01
1.31	0.82	0.01	3.96	0.01	99.449	3.941	0.010	0.06	0.01
1.32	0.77	0.34	4.73	0.06	99.417	4.707	0.064	0.06	0.34
1.33	0.86	0.99	5.59	0.21	99.384	5.561	0.206	0.07	0.99
1.34	0.95	1.64	6.54	0.41	99.351	6.505	0.414	0.08	1.64
1.35	1.04	2.28	7.58	0.67	99.317	7.538	0.670	0.09	2.28
1.36	1.14	2.92	8.72	0.96	99.282	8.670	0.964	0.11	2.92
1.37	1.23	3.56	9.95	1.29	99.248	9.891	1.284	0.12	3.56
1.38	1.33	4.19	11.28	1.63	99.212	11.210	1.626	0.13	4.19
1.39	1.43	4.81	12.71	1.99	99.177	12.629	1.984	0.15	4.81
1.40	1.53	5.43	14.24	2.36	99.141	14.145	2.353	0.17	5.43
1.41	1.86	5.70	16.10	2.74	99.104	15.989	2.739	0.21	5.70
1.42	2.19	5.98	18.29	3.13	99.067	18.158	3.126	0.26	5.98
1.43	2.44	6.25	20.73	3.50	99.030	20.575	3.493	0.30	6.25
1.44	2.59	6.51	23.32	3.83	98.992	23.139	3.827	0.34	6.51
1.45	2.65	6.78	25.97	4.13	98.962	25.761	4.128	0.35	6.78
1.46	2.61	7.92	28.58	4.48	98.923	28.343	4.473	0.36	7.92
1.47	2.49	9.05	31.07	4.84	98.884	30.805	4.839	0.36	9.05
1.48	2.27	10.17	33.34	5.21	98.844	33.049	5.201	0.34	10.17
1.49	1.96	11.29	35.30	5.55	98.802	34.985	5.538	0.30	11.29
1.50	1.55	12.40	36.85	5.83	98.759	36.516	5.826	0.25	12.40
1.51	1.31	13.44	38.16	6.09	98.715	37.808	6.086	0.22	13.44
1.52	1.30	14.48	39.46	6.37	98.669	39.092	6.362	0.22	14.48
1.53	1.28	15.51	40.74	6.66	98.622	40.354	6.648	0.23	15.51
1.54	1.26	16.53	42.00	6.95	98.572	41.596	6.943	0.23	16.53
1.55	1.24	17.55	43.24	7.26	98.521	42.818	7.246	0.24	17.55
1.56	1.21	18.14	44.45	7.55	98.467	44.010	7.540	0.24	18.14
1.57	1.19	18.73	45.64	7.85	98.411	45.181	7.831	0.24	18.73
1.58	1.16	19.32	46.80	8.13	98.352	46.321	8.114	0.25	19.32
1.59	1.13	19.90	47.93	8.41	98.290	47.432	8.390	0.25	19.90
1.60	1.10	20.48	49.03	8.68	98.226	48.513	8.659	0.25	20.48
1.61	1.08	20.70	50.11	8.94	98.159	49.573	8.916	0.26	20.70
1.62	1.08	20.91	51.19	9.19	98.088	50.632	9.167	0.27	20.91
1.63	1.08	21.12	52.27	9.44	98.014	51.691	9.412	0.28	21.12
1.64	1.07	21.33	53.34	9.68	97.937	52.739	9.649	0.28	21.33
1.65	1.07	21.54	54.41	9.91	97.856	53.786	9.880	0.30	21.54
1.66	1.06	23.25	55.47	10.16	97.771	54.822	10.133	0.30	23.25
1.67	1.05	24.96	56.52	10.44	97.682	55.848	10.405	0.31	24.96
1.68	1.04	26.65	57.56	10.73	97.590	56.863	10.695	0.32	26.65
1.69	1.03	28.33	58.59	11.04	97.492	57.867	11.001	0.33	28.33
1.70	1.02	30.00	59.61	11.37	97.391	58.860	11.322	0.34	30.00
1.71	1.03	31.47	60.64	11.71	97.285	59.862	11.659	0.36	31.47
1.72	1.04	32.92	61.68	12.06	97.174	60.873	12.012	0.38	32.92

1.73	1.04	34.37	62.72	12.43	97.058	61.882	12.377	0.39	34.37
1.74	1.02	35.81	63.74	12.81	96.937	62.871	12.745	0.40	35.81
1.75	0.97	37.24	64.71	13.17	96.811	63.810	13.106	0.40	37.24
1.76	0.91	37.79	65.62	13.52	96.679	64.690	13.442	0.39	37.79
1.77	0.82	38.34	66.44	13.82	96.542	65.481	13.743	0.37	38.34
1.78	0.72	38.89	67.16	14.09	96.399	66.176	14.006	0.33	38.89
1.79	0.59	39.43	67.75	14.31	96.250	66.743	14.223	0.28	39.43
1.80	0.45	39.97	68.20	14.48	96.096	67.176	14.388	0.23	39.97
1.81	0.37	40.56	68.57	14.62	95.830	67.530	14.526	0.20	40.56
1.82	0.36	41.15	68.93	14.76	95.645	67.875	14.661	0.20	41.15
1.83	0.36	41.74	69.29	14.90	95.446	68.218	14.797	0.21	41.74
1.84	0.35	42.32	69.64	15.04	95.236	68.552	14.931	0.21	42.32
1.85	0.35	42.90	69.99	15.18	95.016	68.884	15.066	0.22	42.90
1.86	0.35	43.55	70.34	15.32	94.789	69.216	15.203	0.23	43.55
1.87	0.35	44.20	70.69	15.46	94.556	69.547	15.341	0.25	44.20
1.88	0.35	44.85	71.04	15.61	94.320	69.877	15.480	0.26	44.85
1.89	0.35	45.49	71.39	15.75	94.082	70.206	15.621	0.27	45.49
1.90	0.35	46.13	71.74	15.90	93.844	70.535	15.763	0.28	46.13
1.91	0.35	46.63	72.09	16.05	93.609	70.862	15.906	0.29	46.63
1.92	0.35	47.13	72.44	16.20	93.522	71.190	16.049	0.29	47.13
1.93	0.35	47.62	72.79	16.35	93.303	71.516	16.193	0.30	47.62
1.94	0.35	48.12	73.14	16.50	93.089	71.842	16.338	0.31	48.12
1.95	0.35	48.61	73.49	16.66	92.873	72.167	16.484	0.32	48.61
1.96	0.35	49.13	73.84	16.81	92.649	72.491	16.630	0.33	49.13
1.97	0.35	49.65	74.19	16.97	92.410	72.815	16.776	0.34	49.65
1.98	0.34	50.17	74.53	17.12	92.152	73.128	16.919	0.34	50.17
1.99	0.34	50.68	74.87	17.27	91.867	73.441	17.063	0.36	50.68
2.00	0.34	51.20	75.21	17.42	91.550	73.752	17.207	0.37	51.20
2.01	0.33	51.51	75.54	17.57	91.194	74.053	17.346	0.37	51.51
2.02	0.31	51.82	75.85	17.71	90.894	74.334	17.477	0.38	51.82
2.03	0.29	52.13	76.14	17.84	90.176	74.595	17.598	0.37	52.13
2.04	0.28	52.44	76.42	17.97	89.748	74.846	17.715	0.37	52.44
2.05	0.26	52.75	76.68	18.09	89.311	75.079	17.823	0.36	52.75
2.06	0.25	53.62	76.93	18.20	88.867	75.301	17.929	0.36	53.62
2.07	0.24	54.49	77.17	18.32	88.416	75.513	18.032	0.36	54.49
2.08	0.23	55.36	77.40	18.43	87.961	75.715	18.132	0.36	55.36
2.09	0.22	56.22	77.62	18.53	87.502	75.908	18.228	0.35	56.22
2.10	0.22	57.07	77.84	18.64	87.041	76.099	18.326	0.37	57.07
2.11	0.21	57.93	78.05	18.75	86.579	76.281	18.420	0.36	57.93
2.12	0.20	58.79	78.25	18.85	86.118	76.453	18.511	0.36	58.79
2.13	0.19	59.64	78.44	18.95	85.659	76.616	18.599	0.35	59.64
2.14	0.18	60.49	78.62	19.04	85.203	76.769	18.682	0.34	60.49
2.15	0.18	61.33	78.80	19.14	84.752	76.922	18.767	0.35	61.33
2.16	0.17	61.53	78.97	19.23	84.307	77.065	18.846	0.34	61.53
2.17	0.17	61.73	79.14	19.32	83.870	77.208	18.926	0.35	61.73
2.18	0.17	61.93	79.31	19.41	83.565	77.350	19.005	0.36	61.93
2.19	0.17	62.13	79.48	19.51	83.133	77.491	19.083	0.37	62.13
2.20	0.17	62.33	79.65	19.60	82.702	77.632	19.162	0.38	62.33
2.21	0.16	62.40	79.81	19.68	82.272	77.764	19.235	0.37	62.40
2.22	0.14	62.48	79.95	19.76	81.844	77.878	19.298	0.33	62.48
2.23	0.12	62.56	80.07	19.82	81.417	77.976	19.353	0.29	62.56
2.24	0.11	62.63	80.18	19.88	80.990	78.065	19.402	0.27	62.63
2.25	0.11	62.71	80.29	19.94	80.564	78.154	19.451	0.28	62.71
2.26	0.11	63.36	80.40	20.00	80.138	78.242	19.501	0.28	63.36
2.27	0.11	64.01	80.51	20.06	79.712	78.329	19.550	0.29	64.01
2.28	0.12	64.66	80.63	20.13	79.286	78.424	19.605	0.32	64.66
2.29	0.14	65.30	80.77	20.20	78.860	78.535	19.669	0.38	65.30
2.30	0.16	65.94	80.93	20.29	78.432	78.660	19.743	0.44	65.94
2.31	0.67	66.24	81.60	20.67	78.004	79.183	20.050	1.90	66.24
2.32	0.67	66.53	82.27	21.04	77.574	79.703	20.353	1.93	66.53
2.33	1.67	66.82	82.94	21.41	77.143	80.220	20.653	1.97	66.82
2.34	0.67	67.11	83.61	21.78	76.710	80.734	20.948	2.01	67.11

2.35	0.66	67.40	84.27	22.14	76.275	81.237	21.236	2.02	67.40
2.36	0.66	67.69	84.93	22.49	75.838	81.738	21.521	2.05	67.69
2.37	0.66	67.97	85.59	22.84	75.398	82.235	21.802	2.09	67.97
2.38	0.65	68.26	86.24	23.18	74.956	82.722	22.075	2.10	68.26
2.39	0.65	68.54	86.89	23.52	74.550	83.207	22.346	2.13	68.54
2.40	0.65	68.82	87.54	23.86	74.089	83.689	22.613	2.17	68.82
2.41	0.65	69.10	88.19	24.19	73.616	84.167	22.878	2.21	69.10
2.42	0.64	69.38	88.83	24.52	73.133	84.635	23.135	2.21	69.38
2.43	0.64	69.66	89.47	24.84	72.640	85.100	23.389	2.25	69.66
2.44	0.64	69.94	90.11	25.16	72.138	85.562	23.640	2.30	69.94
2.45	0.64	70.22	90.75	25.48	71.627	86.020	23.888	2.34	70.22
2.46	0.63	71.99	91.38	25.80	71.109	86.468	24.138	2.34	71.99
2.47	0.63	73.75	92.01	26.13	70.583	86.913	24.392	2.39	73.75
2.48	0.63	75.50	92.64	26.46	70.051	87.354	24.650	2.43	75.50
2.49	0.62	77.25	93.26	26.80	69.512	87.785	24.908	2.43	77.25
2.50	0.62	78.98	93.88	27.15	68.969	88.213	25.170	2.48	78.98
2.51	0.62	80.72	94.50	27.50	68.421	88.637	25.436	2.52	80.72
2.52	0.62	82.44	95.12	27.86	67.868	89.058	25.705	2.57	82.44
2.53	0.62	84.16	95.74	28.22	67.313	89.475	25.978	2.61	84.16
2.54	0.61	85.87	96.35	28.59	66.754	89.882	26.249	2.61	85.87
2.55	0.61	87.58	96.96	28.96	66.194	90.286	26.524	2.66	87.58
2.56	0.61	89.27	97.57	29.33	65.632	90.686	26.801	2.70	89.27
2.57	0.61	90.96	98.18	29.72	65.069	91.083	27.080	2.74	90.96
2.58	0.60	92.65	98.78	30.10	64.506	91.470	27.358	2.74	92.65
2.59	0.60	94.33	99.38	30.49	63.944	91.854	27.637	2.79	94.33
2.60	0.60	96.00	99.98	30.88	63.427	92.234	27.919	2.83	96.00

HEAD ASH %	30.88	CLEAN COAL ASH %	27.92	REFUSE ASH %	66.05
THEO. YIELD	95.23	CLEAN COAL YIELD%	92.23	REFUSE YIELD%	7.77
SG OF SEPARATION	2.522	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	11.060	IMPERFECTION	0.379		
ORGANIC EFFCY.	96.86				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 23 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.34 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	0.85	0.19	0.85	0.19	99.658	0.847	0.190	0.05	0.19
1.25	0.95	0.38	1.80	0.29	99.630	1.794	0.290	0.06	0.38
1.26	1.05	0.56	2.85	0.39	99.602	2.839	0.390	0.07	0.56
1.27	1.14	0.74	3.99	0.49	99.572	3.975	0.490	0.09	0.74
1.28	1.24	0.91	5.23	0.59	99.542	5.209	0.589	0.10	0.91
1.29	1.33	1.09	6.56	0.69	99.512	6.532	0.691	0.12	1.09
1.30	1.42	1.26	7.98	0.79	99.481	7.945	0.792	0.13	1.26
1.31	1.51	1.44	9.49	0.90	99.449	9.447	0.895	0.15	1.44
1.32	1.60	1.82	11.09	1.03	99.417	11.037	1.028	0.17	1.82
1.33	1.69	2.41	12.78	1.21	99.384	12.717	1.211	0.19	2.41
1.34	1.77	3.00	14.55	1.43	99.351	14.475	1.428	0.20	3.00
1.35	1.86	3.58	16.41	1.67	99.317	16.323	1.672	0.23	3.58
1.36	1.94	4.16	18.35	1.94	99.282	18.249	1.934	0.25	4.16
1.37	2.02	4.73	20.37	2.21	99.248	20.254	2.211	0.27	4.73
1.38	2.10	5.30	22.47	2.50	99.212	22.337	2.499	0.29	5.30
1.39	2.18	5.87	24.65	2.80	99.177	24.499	2.797	0.32	5.87
1.40	2.26	6.43	26.91	3.10	99.141	26.740	3.101	0.35	6.43
1.41	2.57	6.75	29.48	3.42	99.104	29.287	3.418	0.41	6.75
1.42	3.03	7.07	32.51	3.76	99.067	32.288	3.758	0.50	7.07
1.43	3.37	7.38	35.88	4.10	99.030	35.626	4.097	0.58	7.38
1.44	3.58	7.70	39.46	4.43	98.992	39.170	4.423	0.64	7.70
1.45	3.67	8.01	43.13	4.73	98.962	42.802	4.728	0.68	8.01
1.46	3.63	8.87	46.76	5.05	98.923	46.392	5.048	0.70	8.87
1.47	3.47	9.73	50.23	5.38	98.884	49.824	5.371	0.69	9.73
1.48	3.18	10.58	53.41	5.69	98.844	52.967	5.680	0.65	10.58
1.49	2.77	11.43	56.18	5.97	98.802	55.704	5.962	0.59	11.43
1.50	2.23	12.27	58.41	6.21	98.759	57.906	6.202	0.49	12.27
1.51	1.87	13.24	60.28	6.43	98.715	59.752	6.420	0.43	13.24
1.52	1.76	14.21	62.04	6.65	98.669	61.489	6.640	0.42	14.21
1.53	1.64	15.17	63.68	6.87	98.622	63.106	6.858	0.40	15.17
1.54	1.52	16.12	65.20	7.08	98.572	64.604	7.073	0.39	16.12
1.55	1.39	17.07	66.59	7.29	98.521	65.974	7.281	0.37	17.07
1.56	1.25	17.89	67.84	7.49	98.467	67.205	7.475	0.34	17.89
1.57	1.10	18.70	68.94	7.67	98.411	68.287	7.653	0.31	18.70
1.58	0.95	19.50	69.89	7.83	98.352	69.221	7.813	0.28	19.50
1.59	0.79	20.30	70.68	7.97	98.290	69.998	7.951	0.24	20.30
1.60	0.62	21.10	71.30	8.08	98.226	70.607	8.065	0.20	21.10
1.61	0.53	21.94	71.83	8.18	98.159	71.127	8.166	0.17	21.94
1.62	0.53	22.78	72.36	8.29	98.088	71.647	8.272	0.18	22.78
1.63	0.52	23.62	72.88	8.40	98.014	72.157	8.381	0.18	23.62
1.64	0.51	24.45	73.39	8.51	97.937	72.656	8.491	0.19	24.45
1.65	0.50	25.27	73.89	8.63	97.856	73.146	8.603	0.19	25.27
1.66	0.48	26.23	74.37	8.74	97.771	73.615	8.716	0.19	26.23
1.67	0.46	27.19	74.83	8.85	97.682	74.064	8.828	0.19	27.19
1.68	0.44	28.13	75.27	8.96	97.590	74.494	8.939	0.19	28.13
1.69	0.42	29.08	75.69	9.08	97.492	74.903	9.049	0.19	29.08
1.70	0.39	30.01	76.08	9.18	97.391	75.283	9.155	0.18	30.01
1.71	0.38	30.88	76.46	9.29	97.285	75.653	9.261	0.18	30.88
1.72	0.39	31.73	76.85	9.41	97.174	76.032	9.373	0.20	31.73

1.73	0.40	32.59	77.25	9.53	97.058	76.420	9.491	0.21	32.59
1.74	0.40	33.43	77.65	9.65	96.937	76.807	9.612	0.22	33.43
1.75	0.39	34.28	78.04	9.77	96.811	77.185	9.733	0.22	34.28
1.76	0.37	35.11	78.41	9.89	96.679	77.543	9.850	0.22	35.11
1.77	0.35	35.94	78.76	10.01	96.542	77.881	9.963	0.22	35.94
1.78	0.32	36.77	79.08	10.12	96.399	78.189	10.069	0.21	36.77
1.79	0.28	37.59	79.36	10.21	96.250	78.459	10.163	0.19	37.59
1.80	0.23	38.40	79.59	10.29	96.096	78.680	10.242	0.16	38.40
1.81	0.20	39.10	79.79	10.37	95.830	78.871	10.313	0.15	39.10
1.82	0.19	39.80	79.98	10.44	95.645	79.053	10.380	0.15	39.80
1.83	0.19	40.50	80.17	10.51	95.446	79.234	10.449	0.15	40.50
1.84	0.18	41.19	80.35	10.58	95.236	79.406	10.516	0.15	41.19
1.85	0.17	41.88	80.52	10.64	95.016	79.567	10.579	0.15	41.88
1.86	0.16	42.50	80.68	10.71	94.789	79.719	10.640	0.15	42.50
1.87	0.16	43.11	80.84	10.77	94.556	79.870	10.701	0.16	43.11
1.88	0.15	43.72	80.98	10.83	94.320	80.012	10.760	0.15	43.72
1.89	0.14	44.32	81.13	10.89	94.082	80.144	10.815	0.15	44.32
1.90	0.14	44.93	81.27	10.95	93.844	80.275	10.871	0.15	44.93
1.91	0.14	45.42	81.41	11.01	93.609	80.406	10.927	0.16	45.42
1.92	0.13	45.91	81.54	11.06	93.522	80.528	10.980	0.15	45.91
1.93	0.13	46.39	81.67	11.12	93.303	80.649	11.033	0.16	46.39
1.94	0.13	46.88	81.80	11.17	93.089	80.770	11.087	0.16	46.88
1.95	0.13	47.36	81.93	11.23	92.873	80.891	11.141	0.17	47.36
1.96	0.13	48.08	82.06	11.29	92.649	81.011	11.196	0.17	48.08
1.97	0.13	48.80	82.19	11.35	92.410	81.131	11.252	0.18	48.80
1.98	0.14	49.52	82.33	11.41	92.152	81.260	11.312	0.20	49.52
1.99	0.14	50.23	82.47	11.48	91.867	81.389	11.374	0.20	50.23
2.00	0.14	50.94	82.61	11.55	91.550	81.517	11.436	0.21	50.94
2.01	0.14	51.45	82.75	11.61	91.194	81.645	11.499	0.22	51.45
2.02	0.14	51.95	82.89	11.68	90.594	81.771	11.561	0.23	51.95
2.03	0.14	52.46	83.03	11.75	90.176	81.898	11.624	0.24	52.46
2.04	0.14	52.96	83.17	11.82	89.748	82.023	11.688	0.26	52.96
2.05	0.14	53.45	83.31	11.89	89.311	82.148	11.751	0.27	53.45
2.06	0.14	54.12	83.45	11.96	88.867	82.273	11.815	0.28	54.12
2.07	0.14	54.78	83.59	12.03	88.416	82.397	11.880	0.29	54.78
2.08	0.14	55.44	83.73	12.11	87.961	82.520	11.945	0.30	55.44
2.09	0.14	56.10	83.87	12.18	87.502	82.642	12.010	0.31	56.10
2.10	0.14	56.75	84.01	12.25	87.041	82.764	12.076	0.32	56.75
2.11	0.13	57.25	84.14	12.32	86.579	82.877	12.138	0.31	57.25
2.12	0.13	57.75	84.27	12.39	86.118	82.989	12.199	0.32	57.75
2.13	0.12	58.24	84.39	12.46	85.659	83.091	12.256	0.31	58.24
2.14	0.12	58.73	84.51	12.52	85.203	83.194	12.313	0.32	58.73
2.15	0.12	59.22	84.63	12.59	84.752	83.295	12.371	0.33	59.22
2.16	0.11	59.75	84.74	12.65	84.307	83.388	12.423	0.31	59.75
2.17	0.11	60.27	84.85	12.71	83.870	83.480	12.476	0.32	60.27
2.18	0.11	60.78	84.96	12.78	83.565	83.572	12.529	0.32	60.78
2.19	0.11	61.30	85.07	12.84	83.133	83.664	12.583	0.33	61.30
2.20	0.12	61.81	85.19	12.91	82.702	83.763	12.641	0.37	61.81
2.21	0.11	62.11	85.30	12.97	82.272	83.853	12.694	0.35	62.11
2.22	0.10	62.40	85.40	13.03	81.844	83.935	12.743	0.32	62.40
2.23	0.09	62.69	85.49	13.08	81.417	84.009	12.786	0.30	62.69
2.24	0.08	62.98	85.57	13.13	80.990	84.073	12.825	0.27	62.98
2.25	0.08	63.26	85.65	13.17	80.564	84.138	12.864	0.28	63.26
2.26	0.08	64.04	85.73	13.22	80.138	84.202	12.903	0.28	64.04
2.27	0.08	64.82	85.81	13.27	79.712	84.266	12.942	0.29	64.82
2.28	0.09	65.60	85.90	13.33	79.286	84.337	12.986	0.33	65.60
2.29	0.10	66.37	86.00	13.39	78.860	84.416	13.036	0.38	66.37
2.30	0.11	67.14	86.11	13.46	78.432	84.502	13.092	0.42	67.14
2.31	0.49	67.78	86.60	13.76	78.004	84.884	13.338	1.92	67.78
2.32	0.49	68.42	87.09	14.07	77.574	85.264	13.583	1.96	68.42
2.33	0.49	69.06	87.58	14.38	77.143	85.642	13.828	1.99	69.06
2.34	0.48	69.69	88.06	14.68	76.710	86.011	14.067	1.99	69.69

2.35	0.48	70.33	88.54	14.98	76.275	86.377	14.306	2.03	70.33
2.36	0.48	70.96	89.02	15.28	75.838	86.741	14.544	2.07	70.96
2.37	0.48	71.59	89.50	15.58	75.398	87.103	14.781	2.10	71.59
2.38	0.48	72.21	89.98	15.89	74.956	87.463	15.017	2.14	72.21
2.39	0.47	72.83	90.45	16.18	74.550	87.813	15.248	2.13	72.83
2.40	0.47	73.45	90.92	16.48	74.089	88.161	15.477	2.17	73.45
2.41	0.47	74.07	91.39	16.78	73.616	88.507	15.707	2.21	74.07
2.42	0.47	74.68	91.86	17.07	73.133	88.851	15.935	2.25	74.68
2.43	0.47	75.30	92.33	17.37	72.640	89.192	16.162	2.29	75.30
2.44	0.46	75.90	92.79	17.66	72.138	89.524	16.383	2.28	75.90
2.45	0.46	76.51	93.25	17.95	71.627	89.854	16.604	2.32	76.51
2.46	0.46	77.85	93.71	18.24	71.109	90.181	16.826	2.37	77.85
2.47	0.46	79.18	94.17	18.54	70.583	90.505	17.050	2.41	79.18
2.48	0.46	80.50	94.63	18.84	70.051	90.828	17.275	2.45	80.50
2.49	0.46	81.82	95.09	19.15	69.512	91.147	17.501	2.50	81.82
2.50	0.45	83.14	95.54	19.45	68.969	91.458	17.724	2.49	83.14
2.51	0.45	84.46	95.99	19.75	68.421	91.766	17.948	2.53	84.46
2.52	0.45	85.75	96.44	20.06	67.868	92.071	18.173	2.58	85.75
2.53	0.45	87.05	96.89	20.37	67.313	92.374	18.399	2.62	87.05
2.54	0.45	88.34	97.34	20.69	66.754	92.674	18.625	2.66	88.34
2.55	0.44	89.63	97.78	21.00	66.194	92.966	18.848	2.65	89.63
2.56	0.44	90.92	98.22	21.31	65.632	93.254	19.071	2.69	90.92
2.57	0.44	92.19	98.66	21.62	65.069	93.541	19.295	2.74	92.19
2.58	0.44	93.47	99.10	21.94	64.506	93.824	19.519	2.78	93.47
2.59	0.44	94.74	99.54	22.27	63.944	94.106	19.744	2.83	94.74
2.60	0.44	96.00	99.98	22.59	63.427	94.385	19.970	2.87	96.00

HEAD ASH %	22.59	CLEAN COAL ASH %	19.97	REFUSE ASH %	66.64
THEO. YIELD	96.31	CLEAN COAL YIELD%	94.38	REFUSE YIELD%	5.62
SG OF SEPARATION	2.517	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	8.278	IMPERFECTION	0.379		
ORGANIC EFFCY.	98.00				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC-DDH82003 SID: 24 WID: WA1 EQUIPE,WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

FLOAT

FRACTION SIZE,(MM) 0.60 X 0.15 RELATIVE WT% - 11.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ELEMENTAL ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	3.32	0.26	3.32	0.26	99.658	3.309	0.260	0.26	0.26
1.25	3.26	0.51	6.58	0.38	99.630	6.557	0.384	0.28	0.51
1.26	3.21	0.76	9.79	0.51	99.602	9.754	0.507	0.30	0.76
1.27	3.15	1.00	12.94	0.63	99.572	12.890	0.627	0.31	1.00
1.28	3.10	1.25	16.04	0.75	99.542	15.976	0.747	0.33	1.25
1.29	3.05	1.49	19.09	0.87	99.512	19.011	0.866	0.35	1.49
1.30	2.99	1.73	22.08	0.98	99.481	21.986	0.983	0.36	1.73
1.31	2.94	1.96	25.02	1.10	99.449	24.910	1.098	0.38	1.96
1.32	2.90	2.31	27.92	1.22	99.417	27.793	1.223	0.39	2.31
1.33	2.85	2.78	30.77	1.37	99.384	30.625	1.367	0.41	2.78
1.34	2.80	3.24	33.57	1.52	99.351	33.407	1.523	0.42	3.24
1.35	2.76	3.69	36.33	1.69	99.317	36.148	1.688	0.44	3.69
1.36	2.72	4.14	39.05	1.86	99.282	38.849	1.858	0.46	4.14
1.37	2.67	4.59	41.72	2.03	99.248	41.498	2.032	0.47	4.59
1.38	2.63	5.04	44.35	2.21	99.212	44.108	2.210	0.48	5.04
1.39	2.60	5.48	46.95	2.39	99.177	46.686	2.391	0.50	5.48
1.40	2.56	5.92	49.51	2.58	99.141	49.224	2.573	0.51	5.92
1.41	2.51	6.41	52.02	2.76	99.104	51.712	2.758	0.53	6.41
1.42	2.44	6.89	54.46	2.95	99.067	54.129	2.942	0.53	6.89
1.43	2.35	7.37	56.81	3.13	99.030	56.456	3.125	0.53	7.37
1.44	2.26	7.85	59.07	3.31	98.992	58.694	3.305	0.53	7.85
1.45	2.15	8.32	61.22	3.49	98.962	60.821	3.480	0.52	8.32
1.46	2.09	8.85	63.25	3.67	98.923	62.829	3.668	0.51	8.85
1.47	1.89	10.36	65.14	3.87	98.884	64.698	3.861	0.49	10.36
1.48	1.75	11.37	66.89	4.06	98.844	66.428	4.057	0.47	11.37
1.49	1.59	12.38	68.48	4.26	98.802	67.999	4.249	0.44	12.38
1.50	1.42	13.37	69.90	4.44	98.759	69.401	4.433	0.41	13.37
1.51	1.29	14.50	71.19	4.62	98.715	70.675	4.615	0.39	14.50
1.52	1.22	15.63	72.41	4.81	98.669	71.879	4.799	0.38	15.63
1.53	1.13	16.74	73.54	4.99	98.622	72.993	4.981	0.36	16.74
1.54	1.04	17.85	74.58	5.17	98.572	74.018	5.160	0.35	17.85
1.55	0.94	18.95	75.52	5.34	98.521	74.944	5.330	0.32	18.95
1.56	0.83	19.56	76.35	5.50	98.467	75.761	5.484	0.30	19.56
1.57	0.72	20.17	77.07	5.64	98.411	76.470	5.620	0.27	20.17
1.58	0.60	20.77	77.67	5.75	98.352	77.060	5.736	0.23	20.77
1.59	0.48	21.37	78.15	5.85	98.290	77.532	5.831	0.19	21.37
1.60	0.35	21.96	78.50	5.92	98.226	77.876	5.902	0.14	21.96
1.61	0.28	22.62	78.78	5.98	98.159	78.151	5.961	0.12	22.62
1.62	0.28	23.27	79.06	6.04	98.088	78.425	6.021	0.12	23.27
1.63	0.28	23.92	79.34	6.10	98.014	78.700	6.084	0.13	23.92
1.64	0.27	24.57	79.61	6.17	97.937	78.964	6.146	0.13	24.57
1.65	0.27	25.21	79.88	6.23	97.856	79.228	6.209	0.14	25.21
1.66	0.27	26.11	80.15	6.30	97.771	79.492	6.275	0.14	26.11
1.67	0.28	27.01	80.43	6.37	97.682	79.766	6.347	0.15	27.01
1.68	0.28	27.90	80.71	6.44	97.590	80.039	6.420	0.16	27.90
1.69	0.28	28.78	80.99	6.52	97.492	80.312	6.496	0.16	28.78
1.70	0.28	29.67	81.27	6.60	97.391	80.585	6.575	0.17	29.67
1.71	0.29	30.21	81.56	6.69	97.285	80.867	6.657	0.18	30.21
1.72	0.29	30.75	81.85	6.77	97.174	81.149	6.741	0.19	30.75

1.73	0.30	31.29	82.15	6.86	97.058	81.440	6.828	0.21	31.29
1.74	0.30	31.82	82.45	6.95	96.937	81.731	6.917	0.21	31.82
1.75	0.30	32.35	82.75	7.04	96.811	82.021	7.007	0.22	32.35
1.76	0.29	33.48	83.04	7.14	96.679	82.301	7.098	0.22	33.48
1.77	0.29	34.60	83.33	7.23	96.542	82.581	7.191	0.23	34.60
1.78	0.28	35.71	83.61	7.33	96.399	82.851	7.284	0.24	35.71
1.79	0.27	36.82	83.88	7.42	96.250	83.111	7.376	0.24	36.82
1.80	0.26	37.92	84.14	7.52	96.096	83.361	7.468	0.24	37.92
1.81	0.24	39.08	84.38	7.61	95.830	83.591	7.555	0.23	39.08
1.82	0.20	40.24	84.58	7.68	95.645	83.782	7.629	0.20	40.24
1.83	0.18	41.39	84.76	7.75	95.446	83.954	7.698	0.19	41.39
1.84	0.16	42.53	84.92	7.82	95.236	84.107	7.761	0.18	42.53
1.85	0.14	43.67	85.06	7.88	95.016	84.240	7.818	0.16	43.67
1.86	0.12	43.68	85.18	7.93	94.789	84.353	7.867	0.15	43.68
1.87	0.12	43.70	85.30	7.98	94.556	84.467	7.915	0.15	43.70
1.88	0.11	43.71	85.41	8.03	94.320	84.570	7.959	0.15	43.71
1.89	0.11	43.72	85.52	8.07	94.082	84.674	8.002	0.15	43.72
1.90	0.12	43.74	85.64	8.12	93.844	84.787	8.050	0.17	43.74
1.91	0.12	43.81	85.76	8.17	93.609	84.899	8.097	0.18	43.81
1.92	0.12	43.87	85.88	8.22	93.522	85.011	8.144	0.18	43.87
1.93	0.12	43.94	86.00	8.27	93.303	85.123	8.191	0.19	43.94
1.94	0.12	44.01	86.12	8.32	93.089	85.235	8.238	0.19	44.01
1.95	0.12	44.08	86.24	8.37	92.873	85.346	8.285	0.20	44.08
1.96	0.12	44.69	86.36	8.42	92.649	85.457	8.332	0.21	44.69
1.97	0.12	45.31	86.48	8.47	92.410	85.568	8.380	0.21	45.31
1.98	0.12	45.92	86.60	8.52	92.152	85.679	8.429	0.22	45.92
1.99	0.12	46.53	86.72	8.58	91.867	85.789	8.478	0.23	46.53
2.00	0.12	47.14	86.84	8.63	91.550	85.899	8.527	0.24	47.14
2.01	0.12	47.50	86.96	8.68	91.194	86.008	8.577	0.25	47.50
2.02	0.12	47.85	87.08	8.74	90.594	86.117	8.626	0.26	47.85
2.03	0.12	48.21	87.20	8.79	90.176	86.225	8.676	0.28	48.21
2.04	0.12	48.57	87.32	8.85	89.748	86.333	8.726	0.29	48.57
2.05	0.12	48.92	87.44	8.90	89.311	86.440	8.776	0.30	48.92
2.06	0.12	49.47	87.56	8.96	88.867	86.547	8.826	0.31	49.47
2.07	0.12	50.03	87.68	9.01	88.416	86.653	8.876	0.32	50.03
2.08	0.12	50.57	87.80	9.07	87.961	86.759	8.927	0.34	50.57
2.09	0.12	51.12	87.92	9.13	87.502	86.864	8.978	0.35	51.12
2.10	0.12	51.67	88.04	9.19	87.041	86.968	9.029	0.36	51.67
2.11	0.12	52.05	88.16	9.24	86.579	87.072	9.081	0.38	52.05
2.12	0.11	52.44	88.27	9.30	86.118	87.167	9.128	0.36	52.44
2.13	0.10	52.82	88.37	9.35	85.659	87.252	9.171	0.33	52.82
2.14	0.10	53.20	88.47	9.40	85.203	87.337	9.214	0.35	53.20
2.15	0.09	53.58	88.56	9.44	84.752	87.414	9.252	0.32	53.58
2.16	0.08	53.95	88.64	9.48	84.307	87.481	9.287	0.29	53.95
2.17	0.08	54.33	88.72	9.52	83.870	87.548	9.321	0.30	54.33
2.18	0.08	54.70	88.80	9.56	83.565	87.615	9.356	0.31	54.70
2.19	0.08	55.07	88.88	9.60	83.133	87.682	9.391	0.32	55.07
2.20	0.08	55.44	88.96	9.64	82.702	87.748	9.425	0.32	55.44
2.21	0.08	56.06	89.04	9.69	82.272	87.814	9.460	0.33	56.06
2.22	0.08	56.68	89.12	9.73	81.844	87.879	9.495	0.34	56.68
2.23	0.08	57.30	89.20	9.77	81.417	87.944	9.531	0.35	57.30
2.24	0.08	57.91	89.28	9.81	80.990	88.009	9.566	0.36	57.91
2.25	0.08	58.52	89.36	9.86	80.564	88.073	9.602	0.36	58.52
2.26	0.09	59.13	89.45	9.91	80.138	88.146	9.649	0.42	59.13
2.27	0.09	59.74	89.54	9.96	79.712	88.217	9.684	0.43	59.74
2.28	0.10	60.34	89.64	10.01	79.286	88.297	9.729	0.48	60.34
2.29	0.11	60.94	89.75	10.08	78.860	88.383	9.779	0.54	60.94
2.30	0.11	61.53	89.86	10.14	78.432	88.470	9.830	0.55	61.53
2.31	0.86	61.68	90.22	10.35	78.004	88.750	9.994	1.85	61.68
2.32	0.36	61.82	90.68	10.55	77.574	89.030	10.156	1.88	61.82
2.33	0.36	61.96	90.94	10.75	77.143	89.307	10.317	1.92	61.96
2.34	0.36	62.10	91.30	10.96	76.710	89.584	10.477	1.96	62.10

2.35	0.35	62.24	91.65	11.15	76.275	89.851	10.631	1.94	62.24
2.36	0.35	62.38	92.00	11.35	75.838	90.116	10.783	1.97	62.38
2.37	0.35	62.52	92.35	11.54	75.398	90.380	10.934	2.01	62.52
2.38	0.35	62.66	92.70	11.73	74.956	90.642	11.084	2.05	62.66
2.39	0.35	62.80	93.05	11.93	74.550	90.903	11.233	2.08	62.80
2.40	0.35	62.93	93.40	12.12	74.089	91.162	11.380	2.12	62.93
2.41	0.34	63.07	93.74	12.30	73.616	91.413	11.521	2.09	63.07
2.42	0.34	63.21	94.08	12.49	73.133	91.661	11.661	2.13	63.21
2.43	0.34	63.34	94.42	12.67	72.640	91.908	11.800	2.17	63.34
2.44	0.34	63.48	94.76	12.85	72.138	92.154	11.938	2.21	63.48
2.45	0.34	63.61	95.10	13.03	71.627	92.397	12.074	2.25	63.61
2.46	0.34	65.83	95.44	13.22	71.109	92.639	12.214	2.29	65.83
2.47	0.34	68.04	95.78	13.41	70.583	92.879	12.358	2.34	68.04
2.48	0.34	70.25	96.12	13.62	70.051	93.117	12.507	2.38	70.25
2.49	0.33	72.44	96.45	13.82	69.512	93.347	12.654	2.35	72.44
2.50	0.33	74.62	96.78	14.02	68.969	93.574	12.805	2.39	74.62
2.51	0.33	76.80	97.11	14.24	68.421	93.800	12.959	2.43	76.80
2.52	0.33	78.97	97.44	14.46	67.868	94.024	13.116	2.48	78.97
2.53	0.33	81.12	97.77	14.68	67.313	94.246	13.276	2.52	81.12
2.54	0.33	83.27	98.10	14.91	66.754	94.466	13.439	2.56	83.27
2.55	0.33	85.42	98.43	15.15	66.194	94.685	13.605	2.60	85.42
2.56	0.32	87.55	98.75	15.38	65.632	94.895	13.769	2.57	87.55
2.57	0.32	89.67	99.07	15.62	65.069	95.103	13.935	2.61	89.67
2.58	0.32	91.79	99.39	15.87	64.506	95.309	14.104	2.65	91.79
2.59	0.32	93.90	99.71	16.12	63.944	95.514	14.275	2.69	93.90
2.60	0.32	96.00	100.03	16.37	63.427	95.717	14.448	2.73	96.00

HEAD ASH %	16.37	CLEAN COAL ASH %	14.45	REFUSE ASH %	59.44
THEO. YIELD	97.43	CLEAN COAL YIELD%	95.72	REFUSE YIELD%	4.28
SG OF SEPARATION	2.520	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	5.934	IMPERFECTION	0.379		
ORGANIC EFFCY.	98.25				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82004 SID: 26 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 16.93 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	0.53	0.25	0.53	0.25	99.658	0.528	0.250	0.05	0.25
1.25	0.53	0.48	1.06	0.36	99.630	1.056	0.365	0.05	0.48
1.26	0.52	0.72	1.58	0.48	99.602	1.574	0.482	0.06	0.72
1.27	0.52	0.95	2.10	0.60	99.572	2.092	0.598	0.06	0.95
1.28	0.51	1.18	2.61	0.71	99.542	2.600	0.711	0.06	1.18
1.29	0.51	1.41	3.12	0.83	99.512	3.107	0.826	0.07	1.41
1.30	0.51	1.64	3.63	0.94	99.481	3.614	0.940	0.07	1.64
1.31	0.50	1.86	4.13	1.05	99.449	4.112	1.051	0.07	1.86
1.32	0.50	2.18	4.63	1.17	99.417	4.609	1.173	0.08	2.18
1.33	0.49	2.59	5.12	1.31	99.384	5.096	1.308	0.08	2.59
1.34	0.49	3.00	5.61	1.46	99.351	5.583	1.456	0.09	3.00
1.35	0.49	3.41	6.10	1.61	99.317	6.069	1.613	0.09	3.41
1.36	0.48	3.82	6.58	1.77	99.282	6.546	1.773	0.09	3.82
1.37	0.48	4.22	7.06	1.94	99.248	7.022	1.939	0.10	4.22
1.38	0.48	4.62	7.54	2.11	99.212	7.498	2.109	0.10	4.62
1.39	0.47	5.01	8.01	2.28	99.177	7.965	2.279	0.10	5.01
1.40	0.47	5.40	8.48	2.45	99.141	8.430	2.452	0.11	5.40
1.41	3.15	5.68	11.63	3.33	99.104	11.552	3.324	0.76	5.68
1.42	3.74	5.96	15.37	3.97	99.067	15.257	3.964	0.94	5.96
1.43	4.19	6.24	19.56	4.46	99.030	19.407	4.451	1.09	6.24
1.44	4.47	6.51	24.03	4.84	98.992	23.832	4.833	1.21	6.51
1.45	4.61	6.78	28.64	5.15	98.962	28.394	5.146	1.29	6.78
1.46	4.60	7.81	33.24	5.52	98.923	32.944	5.514	1.33	7.81
1.47	4.43	8.83	37.67	5.91	98.884	37.325	5.903	1.33	8.83
1.48	4.11	9.84	41.78	6.29	98.844	41.387	6.290	1.28	9.84
1.49	3.64	10.85	45.42	6.66	98.802	44.984	6.654	1.17	10.85
1.50	3.01	11.85	48.43	6.98	98.759	47.956	6.976	1.00	11.85
1.51	2.66	12.80	51.09	7.29	98.718	50.582	7.278	0.92	12.80
1.52	2.64	13.74	53.73	7.60	98.669	53.187	7.595	0.94	13.74
1.53	2.59	14.68	56.32	7.93	98.622	55.741	7.920	0.96	14.68
1.54	2.51	15.61	58.83	8.26	98.572	58.216	8.247	0.96	15.61
1.55	2.40	16.54	61.23	8.58	98.521	60.580	8.570	0.95	16.54
1.56	2.25	17.11	63.48	8.88	98.467	62.796	8.872	0.93	17.11
1.57	2.07	17.69	65.55	9.16	98.411	64.833	9.149	0.88	17.69
1.58	1.86	18.26	67.41	9.41	98.352	66.662	9.399	0.82	18.26
1.59	1.61	18.82	69.02	9.63	98.290	68.244	9.617	0.74	18.82
1.60	1.33	19.39	70.35	9.82	98.226	69.551	9.801	0.63	19.39
1.61	1.16	19.96	71.51	9.98	98.159	70.690	9.964	0.57	19.96
1.62	1.14	20.53	72.65	10.15	98.088	71.808	10.129	0.59	20.53
1.63	1.10	21.10	73.75	10.31	98.014	72.886	10.291	0.59	21.10
1.64	1.07	21.66	74.82	10.47	97.937	73.934	10.452	0.59	21.66
1.65	1.03	22.23	75.85	10.63	97.856	74.942	10.611	0.59	22.23
1.66	0.99	23.26	76.84	10.79	97.771	75.910	10.772	0.59	23.26
1.67	0.94	24.30	77.78	10.96	97.682	76.828	10.934	0.59	24.30
1.68	0.89	25.33	78.67	11.12	97.590	77.696	11.095	0.58	25.33
1.69	0.84	26.35	79.51	11.28	97.492	78.518	11.254	0.57	26.35
1.70	0.79	27.36	80.30	11.44	97.391	79.285	11.410	0.55	27.36
1.71	0.77	28.31	81.07	11.60	97.285	80.034	11.568	0.56	28.31
1.72	0.80	29.26	81.87	11.77	97.174	80.811	11.738	0.61	29.26

1.73	0.80	30.20	82.67	11.95	97.058	81.588	11.914	.63	30.20
1.74	0.79	31.14	83.46	12.13	96.937	82.354	12.093	0.65	31.14
1.75	0.76	32.07	84.22	12.31	96.811	83.089	12.270	0.65	32.07
1.76	0.71	32.94	84.93	12.48	96.679	83.776	12.439	0.63	32.94
1.77	0.65	33.80	85.58	12.65	96.542	84.403	12.598	0.60	33.80
1.78	0.57	34.67	86.15	12.79	96.399	84.953	12.741	0.55	34.67
1.79	0.48	35.52	86.63	12.92	96.250	85.415	12.864	0.48	35.52
1.80	0.37	36.38	87.00	13.02	96.096	85.770	12.961	0.39	36.38
1.81	0.30	37.25	87.30	13.10	95.830	86.058	13.043	0.34	37.25
1.82	0.28	38.12	87.58	13.18	95.645	86.326	13.120	0.33	38.12
1.83	0.26	38.99	87.84	13.26	95.446	86.574	13.194	0.32	38.99
1.84	0.24	39.85	88.08	13.33	95.236	86.802	13.265	0.31	39.85
1.85	0.23	40.71	88.31	13.40	95.016	87.021	13.334	0.31	40.71
1.86	0.21	41.13	88.52	13.47	94.789	87.220	13.397	0.29	41.13
1.87	0.19	41.54	88.71	13.53	94.556	87.400	13.455	0.28	41.54
1.88	0.18	41.95	88.89	13.58	94.320	87.569	13.510	0.27	41.95
1.89	0.16	42.36	89.05	13.64	94.082	87.720	13.560	0.25	42.36
1.90	0.15	42.76	89.20	13.68	93.844	87.861	13.606	0.25	42.76
1.91	0.14	43.16	89.34	13.73	93.609	87.992	13.650	0.24	43.16
1.92	0.15	43.56	89.49	13.78	93.522	88.132	13.698	0.26	43.56
1.93	0.15	43.95	89.64	13.83	93.303	88.272	13.746	0.27	43.95
1.94	0.14	44.34	89.78	13.88	93.089	88.402	13.791	0.26	44.34
1.95	0.14	44.73	89.92	13.93	92.873	88.532	13.837	0.27	44.73
1.96	0.14	45.40	90.06	13.98	92.648	88.662	13.883	0.28	45.40
1.97	0.14	46.06	90.20	14.03	92.410	88.791	13.930	0.29	46.06
1.98	0.14	46.72	90.34	14.08	92.152	88.920	13.977	0.30	46.72
1.99	0.14	47.37	90.48	14.13	91.867	89.049	14.025	0.31	47.37
2.00	0.13	48.02	90.61	14.18	91.550	89.168	14.071	0.30	48.02
2.01	0.13	48.54	90.74	14.23	91.194	89.286	14.117	0.31	48.54
2.02	0.13	49.07	90.87	14.28	90.594	89.404	14.163	0.33	49.07
2.03	0.13	49.59	91.00	14.33	90.176	89.521	14.209	0.34	49.59
2.04	0.13	50.10	91.13	14.38	89.748	89.638	14.256	0.36	50.10
2.05	0.13	50.62	91.26	14.43	89.311	89.754	14.303	0.37	50.62
2.06	0.13	51.08	91.39	14.48	88.867	89.870	14.350	0.39	51.08
2.07	0.13	51.54	91.52	14.53	88.416	89.985	14.398	0.40	51.54
2.08	0.13	51.99	91.65	14.59	87.961	90.099	14.445	0.42	51.99
2.09	0.12	52.45	91.77	14.64	87.502	90.204	14.489	0.40	52.45
2.10	0.12	52.90	91.89	14.69	87.041	90.309	14.534	0.42	52.90
2.11	0.12	53.12	92.01	14.74	86.579	90.412	14.578	0.43	53.12
2.12	0.11	53.33	92.12	14.78	86.118	90.507	14.619	0.41	53.33
2.13	0.09	53.55	92.21	14.82	85.659	90.584	14.652	0.35	53.55
2.14	0.09	53.76	92.30	14.86	85.203	90.661	14.685	0.36	53.76
2.15	0.08	53.98	92.38	14.89	84.752	90.729	14.714	0.33	53.98
2.16	0.07	54.19	92.45	14.92	84.307	90.788	14.740	0.30	54.19
2.17	0.06	54.40	92.51	14.95	83.870	90.838	14.762	0.26	54.40
2.18	0.06	54.61	92.57	14.97	83.565	90.888	14.784	0.26	54.61
2.19	0.06	54.82	92.63	15.00	83.133	90.938	14.806	0.27	54.82
2.20	0.06	55.03	92.69	15.02	82.702	90.988	14.828	0.28	55.03
2.21	0.06	55.65	92.75	15.05	82.272	91.037	14.850	0.29	55.65
2.22	0.06	56.28	92.81	15.08	81.844	91.086	14.872	0.29	56.28
2.23	0.06	56.90	92.87	15.10	81.417	91.135	14.895	0.30	56.90
2.24	0.06	57.52	92.93	15.13	80.990	91.184	14.916	0.31	57.52
2.25	0.07	58.13	93.00	15.16	80.564	91.240	14.944	0.37	58.13
2.26	0.07	58.75	93.07	15.20	80.138	91.296	14.971	0.37	58.75
2.27	0.08	59.36	93.15	15.24	79.712	91.360	15.002	0.44	59.36
2.28	0.09	59.96	93.24	15.28	79.286	91.431	15.037	0.50	59.96
2.29	0.10	60.57	93.34	15.33	78.860	91.510	15.077	0.57	60.57
2.30	0.11	61.17	93.45	15.38	78.432	91.596	15.120	0.64	61.17
2.31	0.23	61.35	93.68	15.49	78.004	91.776	15.210	1.36	61.35
2.32	0.23	61.53	93.91	15.61	77.574	91.954	15.300	1.39	61.53
2.33	0.23	61.71	94.14	15.72	77.143	92.132	15.390	1.41	61.71
2.34	0.23	61.88	94.37	15.83	76.710	92.308	15.478	1.44	61.88

2.35	0.23	62.06	94.60	15.94	76.275	92.484	15.567	1.47	62.06
2.36	0.23	62.24	94.83	16.06	75.838	92.658	15.655	1.49	62.24
2.37	0.23	62.41	95.06	16.17	75.398	92.831	15.742	1.52	62.41
2.38	0.23	62.59	95.29	16.28	74.956	93.004	15.829	1.55	62.59
2.39	0.22	62.76	95.51	16.39	74.550	93.168	15.911	1.50	62.76
2.40	0.22	62.93	95.73	16.49	74.089	93.331	15.994	1.53	62.93
2.41	0.22	63.11	95.95	16.60	73.616	93.493	16.075	1.56	63.11
2.42	0.22	63.28	96.17	16.71	73.133	93.654	16.156	1.59	63.28
2.43	0.22	63.45	96.39	16.81	72.640	93.813	16.237	1.62	63.45
2.44	0.22	63.62	96.61	16.92	72.138	93.972	16.317	1.65	63.62
2.45	0.22	63.79	96.83	17.03	71.627	94.130	16.396	1.68	63.79
2.46	0.22	66.00	97.05	17.14	71.109	94.286	16.479	1.71	66.00
2.47	0.22	68.19	97.27	17.25	70.583	94.441	16.564	1.74	68.19
2.48	0.22	70.38	97.49	17.37	70.051	94.596	16.651	1.77	70.38
2.49	0.22	72.57	97.71	17.50	69.512	94.748	16.742	1.80	72.57
2.50	0.21	74.74	97.92	17.62	68.969	94.893	16.830	1.75	74.74
2.51	0.21	76.90	98.13	17.75	68.421	95.037	16.921	1.78	76.90
2.52	0.21	79.06	98.34	17.88	67.868	95.180	17.014	1.81	79.06
2.53	0.21	81.21	98.55	18.01	67.313	95.321	17.109	1.84	81.21
2.54	0.21	83.34	98.76	18.15	66.754	95.461	17.206	1.88	83.34
2.55	0.21	85.47	98.97	18.30	66.194	95.600	17.306	1.91	85.47
2.56	0.21	87.60	99.18	18.44	65.632	95.738	17.407	1.94	87.60
2.57	0.21	89.71	99.39	18.59	65.069	95.875	17.510	1.97	89.71
2.58	0.21	91.81	99.60	18.75	64.506	96.010	17.615	2.00	91.81
2.59	0.21	93.91	99.81	18.91	63.944	96.144	17.721	2.03	93.91
2.60	0.21	96.00	100.02	19.07	63.427	96.277	17.830	2.06	96.00

HEAD ASH %	19.07	CLEAN COAL ASH %	17.83	REFUSE ASH %	51.08
THEO. YIELD	98.26	CLEAN COAL YIELD%	96.28	REFUSE YIELD%	3.72
SG OF SEPARATION	2.516	ECART PROB MOYEN	0.5229		
NEAR GRAVITY MAT	3.913	IMPERFECTION	0.379		
ORGANIC EFFCY.	97.98				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 40 WID: WA1 EQUIPE WOC2 SG-ASH ***** EP 0.000 SG ****
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 12.32 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	0.64	0.31	0.64	0.31	99.658	0.638	0.310	0.02	0.31
1.25	0.70	0.62	1.34	0.47	99.630	1.335	0.472	0.03	0.62
1.26	0.75	0.92	2.09	0.63	99.602	2.082	0.633	0.03	0.92
1.27	0.80	1.21	2.88	0.79	99.572	2.879	0.792	0.03	1.21
1.28	0.85	1.51	3.74	0.96	99.542	3.725	0.955	0.04	1.51
1.29	0.90	1.80	4.64	1.12	99.512	4.621	1.119	0.04	1.80
1.30	0.95	2.09	5.59	1.28	99.481	5.566	1.284	0.05	2.09
1.31	0.99	2.38	6.58	1.45	99.449	6.550	1.449	0.06	2.38
1.32	1.04	2.76	7.62	1.63	99.417	7.584	1.627	0.06	2.76
1.33	1.09	3.22	8.71	1.83	99.384	8.667	1.827	0.07	3.22
1.34	1.13	3.69	9.84	2.04	99.351	9.790	2.040	0.07	3.69
1.35	1.18	4.15	11.02	2.27	99.317	10.962	2.266	0.08	4.15
1.36	1.22	4.60	12.24	2.50	99.282	12.173	2.498	0.09	4.60
1.37	1.27	5.06	13.51	2.74	99.248	13.434	2.738	0.10	5.06
1.38	1.31	5.51	14.82	2.99	99.212	14.733	2.983	0.10	5.51
1.39	1.35	5.95	16.17	3.23	99.177	16.072	3.230	0.11	5.95
1.40	1.39	6.40	17.56	3.48	99.141	17.450	3.480	0.12	6.40
1.41	1.60	6.40	19.16	3.73	99.104	19.036	3.724	0.15	6.40
1.42	1.89	6.40	21.05	3.97	99.067	20.908	3.963	0.18	6.40
1.43	2.09	6.40	23.14	4.19	99.030	22.978	4.183	0.21	6.40
1.44	2.21	6.40	25.35	4.38	98.992	25.166	4.376	0.23	6.40
1.45	2.24	6.40	27.59	4.54	98.962	27.383	4.539	0.24	6.40
1.46	2.14	7.91	29.73	4.79	98.923	29.499	4.781	0.23	7.91
1.47	2.01	9.41	31.74	5.08	98.884	31.487	5.073	0.23	9.41
1.48	1.80	10.90	33.54	5.39	98.844	33.266	5.385	0.21	10.90
1.49	1.51	12.38	35.05	5.69	98.802	34.758	5.685	0.18	12.38
1.50	1.14	13.86	36.19	5.95	98.759	35.884	5.942	0.14	13.86
1.51	0.93	15.25	37.12	6.18	98.715	36.802	6.174	0.12	15.25
1.52	0.92	16.63	38.04	6.44	98.669	37.710	6.426	0.12	16.63
1.53	0.91	18.01	38.95	6.71	98.622	38.607	6.695	0.13	18.01
1.54	0.90	19.38	39.85	6.99	98.572	39.494	6.980	0.13	19.38
1.55	0.89	20.73	40.74	7.29	98.521	40.371	7.279	0.13	20.73
1.56	0.88	21.26	41.62	7.59	98.467	41.238	7.572	0.14	21.26
1.57	0.88	21.79	42.50	7.88	98.411	42.104	7.865	0.14	21.79
1.58	0.87	22.31	43.37	8.17	98.352	42.959	8.153	0.15	22.31
1.59	0.87	22.83	44.24	8.46	98.290	43.815	8.439	0.15	22.83
1.60	0.87	23.35	45.11	8.75	98.226	44.669	8.724	0.16	23.35
1.61	0.89	23.93	46.00	9.04	98.159	45.543	9.016	0.17	23.93
1.62	0.92	24.50	46.92	9.34	98.088	46.445	9.317	0.18	24.50
1.63	0.94	25.07	47.86	9.65	98.014	47.366	9.623	0.19	25.07
1.64	0.95	25.64	48.81	9.96	97.937	48.297	9.932	0.20	25.64
1.65	0.93	26.20	49.74	10.27	97.856	49.207	10.233	0.20	26.20
1.66	0.90	27.03	50.64	10.56	97.771	50.087	10.528	0.20	27.03
1.67	0.86	27.86	51.50	10.85	97.682	50.927	10.814	0.20	27.86
1.68	0.80	28.68	52.30	11.13	97.590	51.708	11.083	0.20	28.68
1.69	0.72	29.49	53.02	11.38	97.492	52.410	11.330	0.18	29.49
1.70	0.62	30.30	53.64	11.59	97.391	53.013	11.546	0.16	30.30
1.71	0.55	30.97	54.19	11.79	97.285	53.549	11.740	0.15	30.97
1.72	0.52	31.63	54.71	11.98	97.174	54.054	11.926	0.15	31.63

1.73	0.49	32.28	55.20	12.16	97.058	54.529	12.104	0.15	32.28
1.74	0.47	32.93	55.67	12.34	96.937	54.985	12.276	0.15	32.93
1.75	0.45	33.58	56.12	12.51	96.811	55.421	12.444	0.15	33.58
1.76	0.44	34.29	56.56	12.67	96.679	55.846	12.610	0.15	34.29
1.77	0.43	34.99	56.99	12.84	96.542	56.261	12.775	0.15	34.99
1.78	0.43	35.69	57.42	13.01	96.399	56.676	12.943	0.16	35.69
1.79	0.44	36.39	57.86	13.19	96.250	57.099	13.117	0.17	36.39
1.80	0.45	37.08	58.31	13.38	96.096	57.532	13.297	0.18	37.08
1.81	0.45	37.60	58.76	13.56	95.830	57.963	13.478	0.19	37.60
1.82	0.45	38.12	59.21	13.75	95.645	58.393	13.659	0.20	38.12
1.83	0.45	38.64	59.66	13.94	95.446	58.823	13.842	0.21	38.64
1.84	0.45	39.16	60.11	14.13	95.236	59.251	14.025	0.22	39.16
1.85	0.45	39.67	60.56	14.32	95.016	59.679	14.208	0.23	39.67
1.86	0.45	40.46	61.01	14.51	94.789	60.105	14.395	0.24	40.46
1.87	0.45	41.25	61.46	14.70	94.556	60.531	14.584	0.25	41.25
1.88	0.45	42.03	61.91	14.90	94.320	60.955	14.775	0.26	42.03
1.89	0.45	42.80	62.36	15.10	94.082	61.379	14.968	0.27	42.80
1.90	0.45	43.58	62.81	15.31	93.844	61.801	15.164	0.28	43.58
1.91	0.44	44.03	63.25	15.51	93.609	62.213	15.355	0.29	44.03
1.92	0.44	44.48	63.69	15.71	93.522	62.624	15.546	0.29	44.48
1.93	0.43	44.93	64.12	15.90	93.303	63.026	15.733	0.29	44.93
1.94	0.42	45.38	64.54	16.10	93.089	63.417	15.916	0.29	45.38
1.95	0.41	45.83	64.95	16.28	92.873	63.797	16.094	0.30	45.83
1.96	0.41	46.92	65.36	16.48	92.649	64.177	16.277	0.31	46.92
1.97	0.40	48.00	65.76	16.67	92.410	64.547	16.459	0.31	48.00
1.98	0.39	49.08	66.15	16.86	92.152	64.906	16.639	0.31	49.08
1.99	0.39	50.15	66.54	17.05	91.867	65.265	16.823	0.32	50.15
2.00	0.38	51.22	66.92	17.25	91.550	65.612	17.006	0.33	51.22
2.01	0.37	52.21	67.29	17.44	91.194	65.950	17.186	0.33	52.21
2.02	0.35	53.18	67.64	17.62	90.594	66.267	17.358	0.33	53.18
2.03	0.33	54.16	67.97	17.80	90.176	66.565	17.522	0.33	54.16
2.04	0.32	55.13	68.29	17.98	89.748	66.852	17.684	0.33	55.13
2.05	0.30	56.09	68.59	18.14	89.311	67.120	17.837	0.33	56.09
2.06	0.28	56.58	68.87	18.30	88.867	67.368	17.980	0.32	56.58
2.07	0.26	57.07	69.13	18.45	88.416	67.598	18.113	0.31	57.07
2.08	0.25	57.55	69.38	18.59	87.961	67.818	18.241	0.31	57.55
2.09	0.23	58.03	69.61	18.72	87.502	68.020	18.359	0.29	58.03
2.10	0.21	58.51	69.82	18.84	87.041	68.202	18.467	0.28	58.51
2.11	0.20	59.01	70.02	18.95	86.579	68.375	18.569	0.27	59.01
2.12	0.19	59.50	70.21	19.06	86.118	68.539	18.667	0.27	59.50
2.13	0.19	60.00	70.40	19.17	85.659	68.702	18.765	0.28	60.00
2.14	0.18	60.49	70.58	19.28	85.203	68.855	18.858	0.27	60.49
2.15	0.18	60.98	70.76	19.38	84.752	69.008	18.951	0.28	60.98
2.16	0.18	61.52	70.94	19.49	84.307	69.160	19.044	0.29	61.52
2.17	0.18	62.07	71.12	19.60	83.870	69.310	19.138	0.29	62.07
2.18	0.18	62.61	71.30	19.71	83.565	69.461	19.232	0.30	62.61
2.19	0.18	63.15	71.48	19.82	83.133	69.611	19.327	0.31	63.15
2.20	0.19	63.69	71.67	19.93	82.702	69.768	19.427	0.33	63.69
2.21	0.19	63.98	71.86	20.05	82.272	69.924	19.526	0.34	63.98
2.22	0.19	64.28	72.05	20.16	81.844	70.079	19.625	0.35	64.28
2.23	0.20	64.57	72.25	20.29	81.417	70.242	19.730	0.38	64.57
2.24	0.20	64.86	72.45	20.41	80.990	70.404	19.833	0.39	64.86
2.25	0.20	65.15	72.65	20.53	80.564	70.565	19.937	0.39	65.15
2.26	0.21	66.11	72.86	20.67	80.138	70.734	20.047	0.42	66.11
2.27	0.21	67.07	73.07	20.80	79.712	70.901	20.158	0.43	67.07
2.28	0.21	68.03	73.28	20.93	79.286	71.068	20.270	0.44	68.03
2.29	0.22	68.98	73.50	21.08	78.860	71.241	20.389	0.47	68.98
2.30	0.22	69.93	73.72	21.22	78.432	71.414	20.508	0.48	69.93
2.31	0.93	70.75	74.65	21.84	78.004	72.139	21.014	2.08	70.75
2.32	0.93	71.57	75.58	22.46	77.574	72.861	21.514	2.12	71.57
2.33	0.92	72.39	76.50	23.05	77.143	73.570	22.005	2.13	72.39
2.34	0.92	73.20	77.42	23.65	76.710	74.276	22.491	2.17	73.20

2.35	0.91	74.01	78.33	24.23	76.275	74.970	22.968	2.19	74.01
2.36	0.91	74.82	79.24	24.82	75.838	75.660	23.441	2.23	74.82
2.37	0.91	75.62	80.15	25.39	75.398	76.346	23.910	2.27	75.62
2.38	0.90	76.42	81.05	25.96	74.956	77.021	24.370	2.29	76.42
2.39	0.90	77.21	81.95	26.52	74.550	77.692	24.827	2.32	77.21
2.40	0.89	78.00	82.84	27.07	74.089	78.351	25.274	2.34	78.00
2.41	0.89	78.79	83.73	27.62	73.616	79.006	25.718	2.38	78.79
2.42	0.89	79.58	84.62	28.17	73.133	79.657	26.158	2.43	79.58
2.43	0.88	80.36	85.50	28.71	72.640	80.297	26.590	2.44	80.36
2.44	0.88	81.14	86.38	29.24	72.138	80.931	27.017	2.49	81.14
2.45	0.88	81.92	87.26	29.77	71.627	81.562	27.442	2.53	81.92
2.46	0.87	82.88	88.13	30.30	71.109	82.180	27.859	2.55	82.88
2.47	0.87	83.84	89.00	30.82	70.583	82.794	28.274	2.60	83.84
2.48	0.87	84.80	89.87	31.34	70.051	83.404	28.687	2.64	84.80
2.49	0.86	85.76	90.73	31.86	69.512	84.002	29.094	2.66	85.76
2.50	0.86	86.71	91.69	32.37	68.969	84.595	29.497	2.71	86.71
2.51	0.86	87.65	92.45	32.89	68.421	85.183	29.899	2.76	87.65
2.52	0.85	88.59	93.30	33.40	67.868	85.760	30.294	2.77	88.59
2.53	0.85	89.53	94.15	33.90	67.313	86.332	30.687	2.82	89.53
2.54	0.85	90.47	95.00	34.41	66.754	86.900	31.077	2.87	90.47
2.55	0.84	91.40	95.84	34.91	66.194	87.456	31.461	2.88	91.40
2.56	0.84	92.33	96.68	35.41	65.632	88.007	31.842	2.93	92.33
2.57	0.84	93.25	97.52	35.91	65.069	88.554	32.221	2.98	93.25
2.58	0.83	94.17	98.35	36.40	64.506	89.089	32.593	2.99	94.17
2.59	0.83	95.09	99.18	36.89	63.944	89.620	32.963	3.04	95.09
2.60	0.83	96.00	100.01	37.38	63.427	90.146	33.331	3.08	96.00

HEAD ASH %	37.38	CLEAN COAL ASH %	33.33	REFUSE ASH %	74.41		
THEO. YIELD	93.19	CLEAN COAL YIELD%	90.15	REFUSE YIELD%	9.85		
SG OF SEPARATION	2.519	ECART PROB. MOYEN	0.5229				
NEAR GRAVITY MAT	15.493	IMPERFECTION	0.379				
ORGANIC EFFCY.	96.73						

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 41 WID: WA1 EQUIPE WOC2 SG-ASH 0.00 EP****** SG 0.00
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.71 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	0.23	0.21	0.23	0.21	99.658	0.229	0.210	0.02	0.21
1.25	0.33	0.42	0.56	0.33	99.630	0.558	0.334	0.03	0.42
1.26	0.44	0.62	1.00	0.48	99.602	0.996	0.480	0.04	0.62
1.27	0.55	0.81	1.55	0.58	99.572	1.544	0.584	0.05	0.81
1.28	0.65	1.01	2.20	0.71	99.542	2.191	0.710	0.07	1.01
1.29	0.76	1.21	2.96	0.84	99.512	2.947	0.838	0.09	1.21
1.30	0.87	1.40	3.83	0.97	99.481	3.813	0.966	0.11	1.40
1.31	0.98	1.59	4.81	1.09	99.449	4.787	1.093	0.13	1.59
1.32	1.09	1.90	5.90	1.24	99.417	5.871	1.242	0.15	1.90
1.33	1.20	2.33	7.10	1.43	99.384	7.064	1.426	0.17	2.33
1.34	1.31	2.75	8.41	1.63	99.351	8.365	1.632	0.20	2.75
1.35	1.42	3.16	9.83	1.85	99.317	9.775	1.852	0.23	3.16
1.36	1.53	3.58	11.36	2.09	99.282	11.294	2.084	0.26	3.58
1.37	1.64	3.99	13.00	2.33	99.248	12.922	2.325	0.29	3.99
1.38	1.75	4.40	14.75	2.57	99.212	14.658	2.570	0.32	4.40
1.39	1.86	4.80	16.61	2.82	99.177	16.503	2.820	0.36	4.80
1.40	1.98	5.20	18.59	3.07	99.141	18.466	3.073	0.40	5.20
1.41	2.34	5.34	20.93	3.33	99.104	20.785	3.326	0.49	5.34
1.42	2.86	5.48	23.79	3.59	99.067	23.618	3.584	0.62	5.48
1.43	3.23	5.62	27.02	3.83	99.030	26.817	3.827	0.73	5.62
1.44	3.46	5.75	30.48	4.05	98.992	30.242	4.045	0.81	5.75
1.45	3.54	5.89	34.02	4.24	98.962	33.745	4.236	0.86	5.89
1.46	3.48	6.88	37.50	4.48	98.923	37.188	4.481	0.87	6.88
1.47	3.27	7.87	40.77	4.76	98.884	40.421	4.752	0.85	7.87
1.48	2.92	8.85	43.69	5.03	98.844	43.308	5.025	0.79	8.85
1.49	2.42	9.82	46.11	5.28	98.802	45.699	5.276	0.68	9.82
1.50	1.77	10.79	47.88	5.48	98.759	47.447	5.479	0.51	10.79
1.51	1.38	11.71	49.26	5.66	98.715	48.809	5.653	0.41	11.71
1.52	1.34	12.63	50.60	5.84	98.669	50.131	5.837	0.42	12.63
1.53	1.30	13.53	51.90	6.04	98.622	51.413	6.029	0.42	13.53
1.54	1.25	14.37	53.15	6.23	98.572	52.645	6.224	0.42	14.37
1.55	1.20	15.14	54.35	6.43	98.521	53.828	6.420	0.41	15.14
1.56	1.16	15.86	55.51	6.63	98.467	54.970	6.616	0.41	15.86
1.57	1.11	16.58	56.62	6.82	98.411	56.062	6.810	0.41	16.58
1.58	1.06	17.30	57.68	7.01	98.352	57.105	7.002	0.41	17.30
1.59	1.01	18.02	58.69	7.20	98.290	58.097	7.190	0.40	18.02
1.60	0.96	18.73	59.65	7.39	98.226	59.040	7.374	0.40	18.73
1.61	0.95	19.41	60.60	7.58	98.159	59.973	7.562	0.41	19.41
1.62	0.97	20.08	61.57	7.77	98.088	60.924	7.757	0.43	20.08
1.63	0.98	20.74	62.55	7.98	98.014	61.886	7.959	0.45	20.74
1.64	0.98	21.40	63.53	8.18	97.937	62.845	8.164	0.47	21.40
1.65	0.96	22.06	64.49	8.39	97.856	63.784	8.369	0.48	22.06
1.66	0.94	22.74	65.43	8.60	97.771	64.703	8.573	0.49	22.74
1.67	0.90	23.43	66.33	8.80	97.682	65.582	8.772	0.49	23.43
1.68	0.85	24.10	67.18	8.99	97.590	66.412	8.863	0.48	24.10
1.69	0.80	24.78	67.98	9.18	97.492	67.192	9.147	0.47	24.78
1.70	0.73	25.45	68.71	9.35	97.391	67.903	9.318	0.44	25.45
1.71	69	25.73	69.40	9.51	97.285	68.574	9.478	4	25.73
1.72	68	26.01	70.08	9.67	97.174	69.235	9.636	5	26.01

1.73	0.68	26.28	70.76	9.83	97.058	69.895	9.793	0.47	26.28
1.74	0.68	26.56	71.44	9.99	96.937	70.554	9.950	0.49	26.56
1.75	0.67	26.83	72.11	10.15	96.811	71.203	10.104	0.50	26.83
1.76	0.67	28.21	72.78	10.31	96.679	71.850	10.267	0.52	28.21
1.77	0.67	29.57	73.45	10.49	96.542	72.497	10.439	0.54	29.57
1.78	0.68	30.93	74.13	10.68	96.399	73.153	10.623	0.57	30.93
1.79	0.68	32.28	74.81	10.87	96.250	73.807	10.815	0.59	32.28
1.80	0.68	33.62	75.49	11.08	96.096	74.461	11.015	0.62	33.62
1.81	0.69	34.83	76.18	11.29	95.830	75.122	11.225	0.67	34.83
1.82	0.69	36.04	76.87	11.52	95.645	75.782	11.441	0.70	36.04
1.83	0.69	37.23	77.56	11.75	95.446	76.440	11.663	0.73	37.23
1.84	0.69	38.42	78.25	11.98	95.236	77.097	11.891	0.77	38.42
1.85	0.69	39.61	78.94	12.22	95.016	77.753	12.125	0.80	39.61
1.86	0.69	39.75	79.63	12.46	94.789	78.407	12.355	0.84	39.75
1.87	0.69	39.90	80.32	12.70	94.556	79.060	12.582	0.88	39.90
1.88	0.69	40.04	81.01	12.93	94.320	79.710	12.807	0.91	40.04
1.89	0.69	40.18	81.70	13.16	94.082	80.360	13.028	0.95	40.18
1.90	0.68	40.33	82.38	13.38	93.844	80.998	13.243	0.98	40.33
1.91	0.67	40.46	83.05	13.60	93.609	81.625	13.452	1.00	40.46
1.92	0.64	40.60	83.69	13.81	93.522	82.223	13.650	0.97	40.60
1.93	0.61	40.73	84.30	14.00	93.303	82.793	13.836	0.95	40.73
1.94	0.59	40.86	84.89	14.19	93.089	83.342	14.014	0.95	40.86
1.95	0.56	41.00	85.45	14.37	92.873	83.862	14.181	0.93	41.00
1.96	0.54	41.93	85.99	14.54	92.649	84.362	14.346	0.93	41.93
1.97	0.53	42.86	86.52	14.71	92.410	84.852	14.510	0.94	42.86
1.98	0.51	43.78	87.03	14.88	92.152	85.322	14.672	0.93	43.78
1.99	0.50	44.70	87.53	15.05	91.867	85.781	14.832	0.95	44.70
2.00	0.48	45.61	88.01	15.22	91.550	86.221	14.989	0.95	45.61
2.01	0.47	46.38	88.48	15.39	91.194	86.649	15.144	0.96	46.38
2.02	0.45	47.15	88.93	15.55	90.594	87.057	15.294	0.99	47.15
2.03	0.42	47.91	89.35	15.70	90.176	87.436	15.436	0.96	47.91
2.04	0.40	48.66	89.75	15.84	89.748	87.795	15.571	0.96	48.66
2.05	0.37	49.42	90.12	15.98	89.311	88.125	15.698	0.92	49.42
2.06	0.34	50.06	90.46	16.11	88.867	88.427	15.816	0.88	50.06
2.07	0.31	50.70	90.77	16.23	88.416	88.701	15.924	0.84	50.70
2.08	0.27	51.33	91.04	16.33	87.961	88.939	16.018	0.76	51.33
2.09	0.24	51.97	91.28	16.43	87.502	89.149	16.103	0.70	51.97
2.10	0.20	52.59	91.48	16.51	87.041	89.323	16.174	0.60	52.59
2.11	0.17	53.25	91.65	16.57	86.579	89.470	16.235	0.53	53.25
2.12	0.16	53.91	91.81	16.64	86.118	89.608	16.293	0.52	53.91
2.13	0.16	54.57	91.97	16.70	85.659	89.745	16.351	0.53	54.57
2.14	0.15	55.22	92.12	16.77	85.203	89.873	16.407	0.52	55.22
2.15	0.14	55.87	92.26	16.83	84.752	89.991	16.459	0.50	55.87
2.16	0.14	56.51	92.40	16.89	84.307	90.109	16.511	0.51	56.51
2.17	0.13	57.15	92.53	16.94	83.870	90.218	16.560	0.49	57.15
2.18	0.13	57.79	92.66	17.00	83.565	90.327	16.610	0.50	57.79
2.19	0.13	58.43	92.79	17.06	83.133	90.436	16.660	0.51	58.43
2.20	0.13	59.06	92.92	17.12	82.702	90.543	16.710	0.52	59.06
2.21	0.13	59.75	93.05	17.18	82.272	90.650	16.761	0.54	59.75
2.22	0.13	60.43	93.18	17.24	81.844	90.756	16.812	0.55	60.43
2.23	0.13	61.11	93.31	17.30	81.417	90.862	16.864	0.56	61.11
2.24	0.13	61.78	93.44	17.36	80.990	90.967	16.916	0.58	61.78
2.25	0.14	62.46	93.58	17.43	80.564	91.080	16.972	0.63	62.46
2.26	0.14	63.13	93.72	17.50	80.138	91.192	17.029	0.65	63.13
2.27	0.15	63.79	93.87	17.57	79.712	91.312	17.090	0.71	63.79
2.28	0.16	64.46	94.03	17.65	79.286	91.439	17.156	0.77	64.46
2.29	0.17	65.12	94.20	17.74	78.860	91.573	17.226	0.84	65.12
2.30	0.17	65.77	94.37	17.82	78.432	91.706	17.297	0.85	65.77
2.31	0.20	65.97	94.57	17.92	78.004	91.862	17.379	1.03	65.97
2.32	0.20	66.16	94.77	18.03	77.574	92.017	17.462	1.05	66.16
2.33	0.20	66.35	94.97	18.13	77.143	92.171	17.543	1.07	66.35
2.34	0.20	66.55	95.17	18.23	76.710	92.325	17.625	1.09	66.55

2.35	0.20	66.74	95.37	18.33	76.275	92.477	17.706	1.11	66.74
2.36	0.19	66.93	95.56	18.43	75.838	92.621	17.782	1.07	66.93
2.37	0.19	67.12	95.75	18.52	75.398	92.765	17.859	1.09	67.12
2.38	0.19	67.31	95.94	18.62	74.956	92.907	17.934	1.11	67.31
2.39	0.19	67.49	96.13	18.72	74.550	93.049	18.010	1.13	67.49
2.40	0.19	67.68	96.32	18.81	74.089	93.190	18.085	1.15	67.68
2.41	0.19	67.87	96.51	18.91	73.616	93.329	18.160	1.17	67.87
2.42	0.19	68.05	96.70	19.01	73.133	93.468	18.234	1.19	68.05
2.43	0.19	68.24	96.89	19.10	72.640	93.606	18.307	1.21	68.24
2.44	0.19	68.42	97.08	19.20	72.138	93.743	18.381	1.23	68.42
2.45	0.19	68.60	97.27	19.30	71.627	93.880	18.454	1.26	68.60
2.46	0.19	70.48	97.46	19.40	71.109	94.015	18.528	1.28	70.48
2.47	0.19	72.35	97.65	19.50	70.583	94.149	18.605	1.30	72.35
2.48	0.18	74.21	97.83	19.60	70.051	94.275	18.679	1.26	74.21
2.49	0.18	76.07	98.01	19.70	69.512	94.400	18.755	1.28	76.07
2.50	0.18	77.92	98.19	19.81	68.969	94.524	18.833	1.30	77.92
2.51	0.18	79.76	98.37	19.92	68.421	94.647	18.912	1.33	79.76
2.52	0.18	81.59	98.55	20.03	67.868	94.769	18.993	1.35	81.59
2.53	0.18	83.42	98.73	20.15	67.313	94.891	19.075	1.37	83.42
2.54	0.18	85.24	98.91	20.27	66.754	95.011	19.159	1.40	85.24
2.55	0.18	87.05	99.09	20.39	66.194	95.130	19.244	1.42	87.05
2.56	0.18	88.85	99.27	20.51	65.632	95.248	19.330	1.44	88.85
2.57	0.18	90.65	99.45	20.64	65.069	95.365	19.418	1.47	90.65
2.58	0.18	92.44	99.63	20.77	64.506	95.481	19.507	1.49	92.44
2.59	0.18	94.22	99.81	20.90	63.944	95.596	19.597	1.51	94.22
2.60	0.18	96.00	99.99	21.04	63.427	95.711	19.688	1.53	96.00

HEAD ASH %	21.04	CLEAN COAL ASH %	19.69	REFUSE ASH %	51.14
THEO. YIELD	97.98	CLEAN COAL YIELD%	95.71	REFUSE YIELD%	4.29
SG OF SEPARATION	2.488	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	3.682	IMPERFECTION	0.379		
ORGANIC EFFCY.	97.68				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC_DDH82006 SID: 42 WID: WA1_EQUIPE_WOC2 SG-ASH -0.00 EP 1.100 SG 0.00
---------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM WT%	CLEAN COAL CUM ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	1.10	0.44	1.10	0.44	99.658	1.096	0.440	0.04	0.44
1.25	1.17	0.87	2.27	0.66	99.630	2.262	0.662	0.05	0.87
1.26	1.24	1.30	3.51	0.89	99.602	3.497	0.887	0.06	1.30
1.27	1.30	1.72	4.81	1.11	99.572	4.791	1.112	0.06	1.72
1.28	1.37	2.14	6.18	1.34	99.542	6.155	1.340	0.07	2.14
1.29	1.43	2.55	7.61	1.57	99.512	7.578	1.567	0.08	2.55
1.30	1.48	2.96	9.09	1.79	99.481	9.050	1.794	0.09	2.96
1.31	1.54	3.37	10.63	2.02	99.449	10.582	2.022	0.10	3.37
1.32	1.59	3.79	12.22	2.25	99.417	12.163	2.252	0.11	3.79
1.33	1.63	4.21	13.85	2.48	99.384	13.783	2.482	0.11	4.21
1.34	1.68	4.62	15.53	2.71	99.351	15.452	2.713	0.12	4.62
1.35	1.72	5.04	17.25	2.95	99.317	17.160	2.944	0.13	5.04
1.36	1.76	5.45	19.01	3.18	99.282	18.907	3.176	0.14	5.45
1.37	1.79	5.85	20.80	3.41	99.248	20.684	3.406	0.15	5.85
1.38	1.83	6.26	22.63	3.64	99.212	22.500	3.636	0.17	6.26
1.39	1.86	6.66	24.49	3.87	99.177	24.344	3.865	0.18	6.66
1.40	1.88	7.06	26.37	4.10	99.141	26.208	4.092	0.19	7.06
1.41	2.14	7.33	28.51	4.34	99.104	28.329	4.335	0.22	7.33
1.42	2.54	7.61	31.05	4.61	99.067	30.845	4.602	0.27	7.61
1.43	2.83	7.88	33.88	4.88	99.030	33.648	4.875	0.31	7.88
1.44	3.00	8.16	36.88	5.15	98.992	36.618	5.141	0.35	8.16
1.45	3.04	8.43	39.92	5.40	98.962	39.626	5.391	0.36	8.43
1.46	2.97	8.27	42.89	5.65	98.923	42.564	5.659	0.37	8.27
1.47	2.78	10.10	45.67	5.93	98.884	45.313	5.928	0.36	10.10
1.48	2.46	10.93	48.13	6.19	98.844	47.745	6.183	0.33	10.93
1.49	2.03	11.75	50.16	6.41	98.802	49.750	6.407	0.28	11.75
1.50	1.46	12.57	51.64	6.59	98.759	51.212	6.583	0.21	12.57
1.51	1.11	13.48	52.75	6.74	98.715	52.308	6.728	0.16	13.48
1.52	1.01	14.37	53.76	6.88	98.669	53.304	6.871	0.15	14.37
1.53	0.91	15.27	54.67	7.02	98.622	54.202	7.010	0.14	15.27
1.54	0.83	16.15	55.50	7.16	98.572	55.020	7.146	0.14	16.15
1.55	0.75	17.04	56.25	7.29	98.521	55.759	7.277	0.13	17.04
1.56	0.68	17.89	56.93	7.41	98.467	56.428	7.403	0.12	17.89
1.57	0.62	18.75	57.55	7.54	98.411	57.038	7.524	0.11	18.75
1.58	0.57	19.59	58.12	7.65	98.352	57.599	7.642	0.11	19.59
1.59	0.52	20.44	58.64	7.77	98.290	58.110	7.754	0.10	20.44
1.60	0.49	21.27	59.13	7.88	98.226	58.591	7.865	0.10	21.27
1.61	0.48	22.13	59.61	7.99	98.159	59.063	7.979	0.10	22.13
1.62	0.49	22.97	60.10	8.12	98.088	59.543	8.100	0.11	22.97
1.63	0.50	23.82	60.60	8.25	98.014	60.033	8.228	0.11	23.82
1.64	0.49	24.65	61.09	8.38	97.937	60.513	8.359	0.12	24.65
1.65	0.48	25.49	61.57	8.51	97.856	60.983	8.490	0.12	25.49
1.66	0.47	26.36	62.04	8.65	97.771	61.442	8.624	0.12	26.36
1.67	0.45	27.24	62.49	8.78	97.682	61.882	8.756	0.12	27.24
1.68	0.42	28.11	62.91	8.91	97.590	62.292	8.884	0.12	28.11
1.69	0.38	28.97	63.29	9.03	97.492	62.662	9.002	0.11	28.97
1.70	0.34	29.83	63.63	9.14	97.391	62.993	9.112	0.10	29.83
1.71	0.32	30.44	63.95	9.25	97.285	63.305	9.217	0.10	30.44
1.72	0.32	31.05	64.27	9.36	97.174	63.616	9.324	0.10	31.05

1.73	0.31	31.66	64.58	9.46	97.058	63.917	9.429	0.10	31.66
1.74	0.31	32.26	64.89	9.57	96.937	64.217	9.536	0.11	32.26
1.75	0.31	32.86	65.20	9.68	96.811	64.517	9.644	0.11	32.86
1.76	0.31	34.05	65.51	9.80	96.679	64.817	9.757	0.12	34.05
1.77	0.30	35.22	65.81	9.91	96.542	65.107	9.870	0.12	35.22
1.78	0.30	36.40	66.11	10.03	96.399	65.396	9.988	0.12	36.40
1.79	0.29	37.56	66.40	10.15	96.250	65.675	10.105	0.12	37.56
1.80	0.29	38.72	66.69	10.28	96.096	65.954	10.226	0.13	38.72
1.81	0.29	39.69	66.98	10.41	95.830	66.231	10.349	0.14	39.69
1.82	0.29	40.61	67.27	10.54	95.645	66.509	10.475	0.14	40.61
1.83	0.28	41.45	67.55	10.66	95.446	66.776	10.599	0.15	41.45
1.84	0.28	42.19	67.83	10.79	95.236	67.043	10.725	0.15	42.19
1.85	0.28	42.81	68.11	10.93	95.016	67.309	10.852	0.16	42.81
1.86	0.27	43.36	68.38	11.05	94.789	67.565	10.975	0.16	43.36
1.87	0.27	43.90	68.65	11.18	94.556	67.820	11.099	0.17	43.90
1.88	0.26	44.44	68.91	11.31	94.320	68.065	11.219	0.17	44.44
1.89	0.26	44.97	69.17	11.44	94.082	68.310	11.340	0.18	44.97
1.90	0.25	45.50	69.42	11.56	93.844	68.544	11.457	0.18	45.50
1.91	0.24	46.06	69.66	11.68	93.609	68.769	11.570	0.18	46.06
1.92	0.22	46.61	69.88	11.79	93.522	68.975	11.674	0.16	46.61
1.93	0.21	47.17	70.09	11.89	93.303	69.171	11.775	0.16	47.17
1.94	0.20	47.71	70.29	11.99	93.089	69.357	11.871	0.16	47.71
1.95	0.19	48.26	70.48	12.09	92.873	69.533	11.964	0.16	48.26
1.96	0.19	48.80	70.67	12.19	92.649	69.709	12.057	0.16	48.80
1.97	0.18	49.34	70.85	12.29	92.410	69.876	12.146	0.16	49.34
1.98	0.17	49.88	71.02	12.38	92.152	70.032	12.230	0.15	49.88
1.99	0.17	50.42	71.19	12.47	91.867	70.189	12.315	0.16	50.42
2.00	0.16	50.95	71.35	12.55	91.550	70.335	12.395	0.15	50.95
2.01	0.16	51.47	71.51	12.64	91.194	70.481	12.476	0.16	51.47
2.02	0.15	51.98	71.66	12.72	90.594	70.617	12.552	0.16	51.98
2.03	0.15	52.50	71.81	12.81	90.176	70.752	12.629	0.17	52.50
2.04	0.15	53.01	71.96	12.89	89.748	70.887	12.705	0.18	53.01
2.05	0.15	53.52	72.11	12.97	89.311	71.021	12.782	0.18	53.52
2.06	0.15	54.02	72.26	13.06	88.867	71.154	12.860	0.19	54.02
2.07	0.15	54.53	72.41	13.14	88.416	71.287	12.937	0.20	54.53
2.08	0.16	55.03	72.57	13.24	87.961	71.427	13.020	0.22	55.03
2.09	0.16	55.53	72.73	13.33	87.502	71.567	13.103	0.23	55.53
2.10	0.16	56.02	72.89	13.42	87.041	71.707	13.187	0.24	56.02
2.11	0.16	56.41	73.05	13.52	86.579	71.845	13.270	0.25	56.41
2.12	0.14	56.79	73.19	13.60	86.118	71.966	13.343	0.22	56.79
2.13	0.12	57.17	73.31	13.67	85.659	72.069	13.405	0.20	57.17
2.14	0.11	57.55	73.42	13.74	85.203	72.162	13.463	0.19	57.55
2.15	0.09	57.93	73.51	13.79	84.752	72.239	13.510	0.16	57.93
2.16	0.08	58.30	73.59	13.84	84.307	72.306	13.551	0.14	58.30
2.17	0.08	58.67	73.67	13.89	83.870	72.373	13.593	0.15	58.67
2.18	0.07	59.05	73.74	13.93	83.565	72.432	13.630	0.13	59.05
2.19	0.07	59.42	73.81	13.97	83.133	72.490	13.667	0.14	59.42
2.20	0.06	59.79	73.87	14.01	82.702	72.539	13.698	0.12	59.79
2.21	0.06	60.58	73.93	14.05	82.272	72.589	13.730	0.12	60.58
2.22	0.07	61.38	74.00	14.09	81.844	72.646	13.768	0.15	61.38
2.23	0.07	62.17	74.07	14.14	81.417	72.703	13.806	0.15	62.17
2.24	0.08	62.96	74.15	14.19	80.990	72.768	13.849	0.17	62.96
2.25	0.09	63.74	74.24	14.25	80.564	72.840	13.899	0.20	63.74
2.26	0.10	64.52	74.34	14.32	80.138	72.920	13.955	0.23	64.52
2.27	0.11	65.30	74.45	14.40	79.712	73.008	14.016	0.26	65.30
2.28	0.12	66.07	74.57	14.48	79.286	73.103	14.084	0.28	66.07
2.29	0.14	66.84	74.71	14.58	78.860	73.214	14.164	0.34	66.84
2.30	0.16	67.61	74.87	14.69	78.432	73.339	14.255	0.40	67.61
2.31	0.89	68.28	75.76	15.32	78.004	74.033	14.762	2.24	68.28
2.32	0.89	68.94	76.65	15.94	77.574	74.724	15.262	2.29	68.94
2.33	0.88	69.60	77.53	16.55	77.143	75.403	15.752	2.30	69.60
2.34	0.88	70.25	78.41	17.15	76.710	76.078	16.235	2.35	70.25

2.35	0.87	70.90	79.28	17.74	76.275	76.741	16.708	2.36	70.90
2.36	0.87	71.55	80.15	18.33	75.838	77.401	17.175	2.41	71.55
2.37	0.87	72.20	81.02	18.91	75.398	78.057	17.638	2.45	72.20
2.38	0.86	72.84	81.88	19.47	74.956	78.702	18.090	2.47	72.84
2.39	0.86	73.49	82.74	20.03	74.550	79.343	18.538	2.51	73.49
2.40	0.86	74.13	83.60	20.59	74.089	79.980	18.981	2.55	74.13
2.41	0.85	74.76	84.45	21.14	73.616	80.606	19.414	2.57	74.76
2.42	0.85	75.40	85.30	21.68	73.133	81.227	19.842	2.62	75.40
2.43	0.85	76.03	86.15	22.21	72.640	81.845	20.266	2.66	76.03
2.44	0.84	76.66	86.99	22.74	72.138	82.451	20.680	2.68	76.66
2.45	0.84	77.28	87.83	23.26	71.627	83.052	21.090	2.73	77.28
2.46	0.84	78.56	88.67	23.78	71.109	83.650	21.501	2.78	78.56
2.47	0.83	79.84	89.50	24.30	70.583	84.236	21.907	2.80	79.84
2.48	0.83	81.12	90.33	24.83	70.051	84.817	22.312	2.85	81.12
2.49	0.83	82.38	91.16	25.35	69.512	85.394	22.718	2.90	82.38
2.50	0.82	83.65	91.98	25.87	68.969	85.960	23.119	2.91	83.65
2.51	0.82	84.90	92.80	26.39	68.421	86.521	23.520	2.97	84.90
2.52	0.82	86.16	93.62	26.92	67.868	87.077	23.920	3.02	86.16
2.53	0.81	87.40	94.43	27.43	67.313	87.622	24.315	3.03	87.40
2.54	0.81	88.65	95.24	27.95	66.754	88.163	24.710	3.08	88.65
2.55	0.81	89.88	96.05	28.48	66.194	88.699	25.104	3.14	89.88
2.56	0.80	91.12	96.85	28.99	65.632	89.224	25.492	3.15	91.12
2.57	0.80	92.34	97.65	29.51	65.069	89.745	25.880	3.20	92.34
2.58	0.80	93.57	98.45	30.09	64.506	90.261	26.267	3.25	93.57
2.59	0.79	94.79	99.24	30.55	63.944	90.766	26.648	3.26	94.79
2.60	0.79	96.00	100.03	31.07	63.427	91.267	27.029	3.31	96.00

HEAD ASH %	31.07	CLEAN COAL ASH %	27.03	REFUSE ASH %	73.26
THEO. YIELD	93.80	CLEAN COAL YIELD%	91.27	REFUSE YIELD%	8.73
SG OF SEPARATION	2.522	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	14.513	IMPERFECTION	0.379		
ORGANIC EFFCY.	97.30				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 43 WID: WA1 EQUIPE WOC2 SG-ASH 0.00 EP 1.000 SG 0.00
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.20 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	0.33	0.05	0.33	0.05	99.658	0.329	0.050	0.02	0.05
1.25	0.40	0.08	0.73	0.07	99.630	0.727	0.066	0.03	0.08
1.26	0.48	0.12	1.21	0.09	99.602	1.205	0.088	0.03	0.12
1.27	0.56	0.15	1.77	0.11	99.572	1.763	0.107	0.04	0.15
1.28	0.65	0.18	2.42	0.13	99.542	2.410	0.127	0.05	0.18
1.29	0.74	0.22	3.16	0.15	99.512	3.147	0.149	0.07	0.22
1.30	0.84	0.25	4.00	0.17	99.481	3.982	0.170	0.08	0.25
1.31	0.95	0.29	4.95	0.19	99.449	4.927	0.193	0.09	0.29
1.32	1.05	0.73	6.00	0.29	99.417	5.971	0.287	0.11	0.73
1.33	1.17	1.58	7.17	0.50	99.384	7.134	0.498	0.13	1.58
1.34	1.28	2.43	8.45	0.79	99.351	8.405	0.790	0.15	2.43
1.35	1.41	3.27	9.86	1.15	99.317	9.806	1.144	0.17	3.27
1.36	1.53	4.10	11.39	1.54	99.282	11.325	1.541	0.20	4.10
1.37	1.67	4.93	13.06	1.98	99.248	12.982	1.973	0.23	4.93
1.38	1.80	5.75	14.86	2.43	99.212	14.768	2.430	0.26	5.75
1.39	1.94	6.56	16.80	2.91	99.177	16.692	2.906	0.29	6.56
1.40	2.09	7.37	18.89	3.40	99.141	18.764	3.399	0.32	7.37
1.41	2.33	7.78	21.22	3.88	99.104	21.073	3.879	0.38	7.78
1.42	2.61	8.18	23.83	4.35	99.067	23.659	4.349	0.44	8.18
1.43	2.81	8.57	26.64	4.80	99.030	26.441	4.793	0.49	8.57
1.44	2.95	8.97	29.59	5.21	98.992	29.362	5.209	0.54	8.97
1.45	3.03	9.36	32.62	5.60	98.962	32.360	5.593	0.57	9.36
1.46	3.03	10.21	35.65	5.99	98.923	35.358	5.985	0.59	10.21
1.47	2.96	11.05	38.61	6.38	98.884	38.285	6.372	0.60	11.05
1.48	2.83	11.89	41.44	6.76	98.844	41.082	6.748	0.59	11.89
1.49	2.63	12.72	44.07	7.11	98.802	43.680	7.103	0.57	12.72
1.50	2.35	13.54	46.42	7.44	98.759	46.001	7.428	0.53	13.54
1.51	2.20	14.28	48.62	7.75	98.715	48.173	7.737	0.51	14.28
1.52	2.18	15.02	50.80	8.06	98.669	50.324	8.048	0.52	15.02
1.53	2.15	15.74	52.95	8.37	98.622	52.444	8.359	0.54	15.74
1.54	2.08	16.47	55.03	8.68	98.572	54.495	8.664	0.54	16.47
1.55	1.99	17.19	57.02	8.97	98.521	56.455	8.960	0.53	17.19
1.56	1.88	18.05	58.90	9.26	98.467	58.306	9.249	0.52	18.05
1.57	1.74	18.90	60.64	9.54	98.411	60.019	9.524	0.50	18.90
1.58	1.58	19.75	62.22	9.80	98.352	61.573	9.782	0.47	19.75
1.59	1.40	20.59	63.62	10.04	98.290	62.949	10.019	0.43	20.59
1.60	1.18	21.43	64.80	10.24	98.226	64.108	10.225	0.38	21.43
1.61	1.04	22.30	65.84	10.43	98.159	65.129	10.414	0.35	22.30
1.62	0.99	23.17	66.83	10.62	98.088	66.100	10.602	0.34	23.17
1.63	0.93	24.03	67.76	10.81	98.014	67.011	10.784	0.33	24.03
1.64	0.88	24.88	68.64	10.99	97.937	67.873	10.963	0.33	24.88
1.65	0.82	25.73	69.46	11.16	97.856	68.676	11.136	0.32	25.73
1.66	0.76	26.40	70.22	11.33	97.771	69.419	11.299	0.31	26.40
1.67	0.70	27.06	70.92	11.48	97.682	70.102	11.453	0.29	27.06
1.68	0.64	27.73	71.56	11.63	97.590	70.727	11.597	0.28	27.73
1.69	0.58	28.38	72.14	11.76	97.492	71.292	11.730	0.26	28.38
1.70	0.52	29.04	72.66	11.89	97.391	71.799	11.852	0.25	29.04
1.71	0.49	29.70	73.15	12.00	97.285	72.276	11.969	24	29.70
1.72	0.49	30.35	73.64	12.13	97.174	72.752	12.090	25	30.35

1.73	0.49	31.00	74.13	12.25	97.058	73.227	12.213	0.26	31.00
1.74	0.49	31.65	74.62	12.38	96.937	73.702	12.338	0.27	31.65
1.75	0.47	32.30	75.09	12.50	96.811	74.157	12.460	0.27	32.30
1.76	0.46	33.11	75.55	12.63	96.679	74.602	12.583	0.28	33.11
1.77	0.44	33.92	75.99	12.75	96.542	75.027	12.704	0.28	33.92
1.78	0.41	34.73	76.40	12.87	96.399	75.422	12.820	0.27	34.73
1.79	0.38	35.53	76.78	12.98	96.250	75.788	12.929	0.26	35.53
1.80	0.34	36.32	77.12	13.09	96.096	76.115	13.030	0.24	36.32
1.81	0.32	37.05	77.44	13.18	95.830	76.421	13.126	0.24	37.05
1.82	0.32	37.78	77.76	13.29	95.645	76.727	13.224	0.25	37.78
1.83	0.32	38.50	78.08	13.39	95.446	77.033	13.325	0.26	38.50
1.84	0.31	39.22	78.39	13.49	95.236	77.328	13.423	0.27	39.22
1.85	0.31	39.93	78.70	13.60	95.016	77.622	13.524	0.28	39.93
1.86	0.30	40.54	79.00	13.70	94.789	77.907	13.623	0.28	40.54
1.87	0.30	41.14	79.30	13.80	94.556	78.190	13.723	0.30	41.14
1.88	0.29	41.73	79.59	13.90	94.320	78.464	13.820	0.30	41.73
1.89	0.29	42.33	79.88	14.01	94.082	78.737	13.919	0.31	42.33
1.90	0.28	42.92	80.16	14.11	93.844	79.000	14.015	0.31	42.92
1.91	0.28	43.29	80.44	14.21	93.609	79.262	14.112	0.32	43.29
1.92	0.27	43.65	80.71	14.31	93.522	79.514	14.206	0.32	43.65
1.93	0.27	44.02	80.98	14.41	93.303	79.766	14.300	0.33	44.02
1.94	0.27	44.38	81.25	14.51	93.089	80.017	14.395	0.34	44.38
1.95	0.27	44.74	81.52	14.61	92.873	80.268	14.489	0.35	44.74
1.96	0.26	45.10	81.78	14.70	92.649	80.509	14.581	0.35	45.10
1.97	0.26	45.46	82.04	14.80	92.410	80.749	14.673	0.36	45.46
1.98	0.26	45.82	82.30	14.90	92.152	80.989	14.765	0.37	45.82
1.99	0.26	46.17	82.56	15.00	91.867	81.228	14.857	0.38	46.17
2.00	0.26	46.52	82.82	15.10	91.550	81.466	14.950	0.40	46.52
2.01	0.25	47.44	83.07	15.19	91.194	81.694	15.041	0.40	47.44
2.02	0.25	48.35	83.32	15.29	90.594	81.920	15.133	0.43	48.35
2.03	0.25	49.26	83.57	15.39	90.176	82.146	15.226	0.44	49.26
2.04	0.25	50.17	83.82	15.50	89.748	82.370	15.322	0.46	50.17
2.05	0.25	51.07	84.07	15.60	89.311	82.593	15.418	0.48	51.07
2.06	0.24	51.96	84.31	15.71	88.867	82.807	15.512	0.48	51.96
2.07	0.24	52.86	84.55	15.81	88.416	83.019	15.608	0.50	52.86
2.08	0.24	53.74	84.79	15.92	87.961	83.230	15.704	0.52	53.74
2.09	0.24	54.63	85.03	16.03	87.502	83.440	15.802	0.54	54.63
2.10	0.24	55.50	85.27	16.14	87.041	83.649	15.902	0.56	55.50
2.11	0.22	56.28	85.49	16.24	86.579	83.839	15.993	0.53	56.28
2.12	0.20	57.05	85.69	16.34	86.118	84.012	16.077	0.50	57.05
2.13	0.18	57.81	85.87	16.43	85.659	84.166	16.154	0.47	57.81
2.14	0.16	58.58	86.03	16.50	85.203	84.302	16.223	0.43	58.58
2.15	0.14	59.33	86.17	16.57	84.752	84.421	16.283	0.39	59.33
2.16	0.13	60.09	86.30	16.64	84.307	84.530	16.340	0.37	60.09
2.17	0.12	60.84	86.42	16.70	83.870	84.631	16.393	0.35	60.84
2.18	0.11	61.59	86.53	16.76	83.565	84.723	16.442	0.33	61.59
2.19	0.10	62.34	86.63	16.81	83.133	84.806	16.487	0.31	62.34
2.20	0.10	63.08	86.73	16.86	82.702	84.889	16.532	0.31	63.08
2.21	0.10	63.79	86.83	16.92	82.272	84.971	16.578	0.32	63.79
2.22	0.10	64.49	86.93	16.97	81.844	85.053	16.624	0.33	64.49
2.23	0.10	65.20	87.03	17.03	81.417	85.134	16.671	0.34	65.20
2.24	0.11	65.90	87.14	17.09	80.990	85.223	16.722	0.38	65.90
2.25	0.12	66.59	87.26	17.16	80.564	85.320	16.779	0.42	66.59
2.26	0.13	67.29	87.39	17.23	80.138	85.424	16.840	0.47	67.29
2.27	0.15	67.98	87.54	17.32	79.712	85.544	16.912	0.55	67.98
2.28	0.16	68.67	87.70	17.41	79.286	85.671	16.988	0.60	68.67
2.29	0.18	69.35	87.88	17.52	78.860	85.813	17.075	0.69	69.35
2.30	0.21	70.03	88.09	17.64	78.432	85.977	17.176	0.82	70.03
2.31	0.42	70.53	88.51	17.90	78.004	86.305	17.379	1.67	70.53
2.32	0.42	71.03	88.93	18.15	77.574	86.631	17.581	1.70	71.03
2.33	0.42	71.52	89.35	18.40	77.143	86.955	17.782	1.74	71.52
2.34	0.42	72.01	89.77	18.65	76.710	87.277	17.982	1.77	72.01

2.35	0.41	72.50	90.18	18.89	76.275	87.590	18.177	1.76	72.50
2.36	0.41	72.99	90.59	19.14	75.838	87.901	18.370	1.79	72.99
2.37	0.41	73.47	91.00	19.38	75.398	88.210	18.564	1.82	73.47
2.38	0.41	73.95	91.41	19.63	74.956	88.517	18.756	1.86	73.95
2.39	0.41	74.43	91.82	19.87	74.550	88.823	18.947	1.89	74.43
2.40	0.41	74.91	92.23	20.12	74.089	89.126	19.138	1.92	74.91
2.41	0.40	75.39	92.63	20.36	73.616	89.421	19.323	1.91	75.39
2.42	0.40	75.86	93.03	20.59	73.133	89.713	19.508	1.94	75.86
2.43	0.40	76.34	93.43	20.83	72.640	90.004	19.691	1.98	76.34
2.44	0.40	76.81	93.83	21.07	72.138	90.293	19.874	2.02	76.81
2.45	0.40	77.28	94.23	21.31	71.627	90.579	20.055	2.05	77.28
2.46	0.40	78.56	94.63	21.55	71.109	90.864	20.239	2.09	78.56
2.47	0.39	79.84	95.02	21.79	70.583	91.139	20.419	2.07	79.84
2.48	0.39	81.11	95.41	22.03	70.051	91.412	20.600	2.11	81.11
2.49	0.39	82.38	95.80	22.28	69.512	91.683	20.783	2.15	82.38
2.50	0.39	83.64	96.19	22.53	68.969	91.952	20.966	2.19	83.64
2.51	0.39	84.90	96.58	22.78	68.421	92.219	21.151	2.23	84.90
2.52	0.39	86.15	96.97	23.04	67.868	92.484	21.338	2.27	86.15
2.53	0.39	87.40	97.36	23.29	67.313	92.746	21.525	2.31	87.40
2.54	0.38	88.64	97.74	23.55	66.754	93.000	21.708	2.28	88.64
2.55	0.38	89.88	98.12	23.80	66.194	93.251	21.891	2.32	89.88
2.56	0.38	91.11	98.50	24.06	65.632	93.501	22.076	2.36	91.11
2.57	0.38	92.34	98.88	24.33	65.069	93.748	22.261	2.40	92.34
2.58	0.38	93.57	99.26	24.59	64.506	93.993	22.447	2.44	93.57
2.59	0.38	94.79	99.64	24.86	63.944	94.236	22.634	2.48	94.79
2.60	0.37	96.00	100.01	25.12	63.427	94.471	22.816	2.45	96.00

HEAD ASH %	25.12	CLEAN COAL ASH %	22.82	REFUSE ASH %	64.52
THEO. YIELD	96.63	CLEAN COAL YIELD%	94.47	REFUSE YIELD%	5.53
SG OF SEPARATION	2.511	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	7.314	IMPERFECTION	0.379		
ORGANIC EFFCY.	97.76				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 45 WID: WA1 EQUIPE WOC2 SG-ASH ***** EP 2.380 SG -.00
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 11.10 ASH% - 0:0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	0.07	0.03	0.07	0.03	99.658	0.070	0.030	0.00	0.03
1.25	0.17	0.05	0.24	0.04	99.630	0.239	0.044	0.01	0.05
1.26	0.27	0.07	0.51	0.06	99.602	0.508	0.058	0.02	0.07
1.27	0.38	0.08	0.89	0.07	99.572	0.886	0.067	0.03	0.08
1.28	0.49	0.10	1.38	0.08	99.542	1.374	0.079	0.04	0.10
1.29	0.61	0.12	1.99	0.09	99.512	1.981	0.091	0.06	0.12
1.30	0.73	0.14	2.72	0.10	99.481	2.707	0.105	0.08	0.14
1.31	0.85	0.16	3.57	0.12	99.449	3.553	0.118	0.09	0.16
1.32	0.98	0.49	4.55	0.20	99.417	4.527	0.198	0.11	0.49
1.33	1.11	1.14	5.66	0.38	99.384	5.630	0.382	0.14	1.14
1.34	1.25	1.78	6.91	0.64	99.351	6.872	0.635	0.16	1.78
1.35	1.39	2.42	8.30	0.93	99.317	8.253	0.934	0.19	2.42
1.36	1.54	3.06	9.84	1.27	99.282	9.782	1.266	0.22	3.06
1.37	1.69	3.69	11.53	1.62	99.248	11.459	1.621	0.25	3.69
1.38	1.84	4.31	13.37	1.99	99.212	13.284	1.990	0.29	4.31
1.39	2.00	4.93	15.37	2.37	99.177	15.268	2.372	0.33	4.93
1.40	2.16	5.55	17.53	2.77	99.141	17.409	2.763	0.37	5.55
1.41	2.48	5.56	20.01	3.11	99.104	19.867	3.109	0.44	5.56
1.42	2.88	5.58	22.89	3.42	99.067	22.720	3.419	0.54	5.58
1.43	3.18	5.59	26.07	3.69	99.030	25.869	3.684	0.62	5.59
1.44	3.37	5.60	29.44	3.91	98.992	29.205	3.903	0.68	5.60
1.45	3.46	5.62	32.90	4.09	98.962	32.629	4.083	0.72	5.62
1.46	3.45	6.87	36.35	4.35	98.923	36.042	4.347	0.74	6.87
1.47	3.33	8.11	39.68	4.67	98.884	39.335	4.662	0.74	8.11
1.48	3.11	9.35	42.79	5.01	98.844	42.409	5.002	0.72	9.35
1.49	2.79	10.58	45.58	5.35	98.802	45.166	5.342	0.67	10.58
1.50	2.36	11.80	47.94	5.67	98.759	47.497	5.659	0.59	11.80
1.51	2.10	13.02	50.04	5.97	98.715	49.570	5.967	0.54	13.02
1.52	2.07	14.24	52.11	6.30	98.669	51.612	6.294	0.55	14.24
1.53	2.01	15.45	54.12	6.64	98.622	53.594	6.633	0.55	15.45
1.54	1.94	16.65	56.06	6.99	98.572	55.507	6.978	0.55	16.65
1.55	1.85	17.84	57.91	7.33	98.521	57.329	7.323	0.55	17.84
1.56	1.75	18.34	59.66	7.66	98.467	59.052	7.645	0.54	18.34
1.57	1.62	18.83	61.28	7.95	98.411	60.647	7.939	0.52	18.83
1.58	1.47	19.32	62.75	8.22	98.352	62.092	8.204	0.48	19.32
1.59	1.31	19.81	64.06	8.46	98.290	63.380	8.440	0.45	19.81
1.60	1.12	20.29	65.18	8.66	98.226	64.480	8.642	0.40	20.29
1.61	1.01	20.90	66.19	8.85	98.159	65.472	8.827	0.37	20.90
1.62	0.89	21.51	67.18	9.03	98.088	66.443	9.013	0.38	21.51
1.63	0.97	22.12	68.15	9.22	98.014	67.393	9.198	0.39	22.12
1.64	0.94	22.72	69.09	9.40	97.937	68.314	9.380	0.39	22.72
1.65	0.92	23.32	70.01	9.59	97.856	69.214	9.561	0.39	23.32
1.66	0.88	24.02	70.89	9.77	97.771	70.075	9.739	0.39	24.02
1.67	0.85	24.71	71.74	9.94	97.682	70.905	9.914	0.39	24.71
1.68	0.81	25.40	72.55	10.11	97.590	71.695	10.085	0.39	25.40
1.69	0.77	26.09	73.32	10.28	97.492	72.446	10.251	0.39	26.09
1.70	0.73	26.77	74.05	10.45	97.391	73.157	10.411	0.38	26.77
1.71	0.71	27.38	74.76	10.61	97.285	73.848	10.570	0.39	27.38
1.72	0.72	27.99	75.48	10.77	97.174	74.547	10.733	0.41	27.99

1.73	0.72	28.59	76.20	10.94	97.058	75.246	10.899	0.42	28.59
1.74	0.71	29.19	76.91	11.11	96.937	75.934	11.065	0.44	29.19
1.75	0.69	29.79	77.60	11.27	96.811	76.602	11.228	0.44	29.79
1.76	0.66	30.51	78.26	11.44	96.679	77.241	11.388	0.44	30.51
1.77	0.62	31.23	78.88	11.59	96.542	77.839	11.540	0.43	31.23
1.78	0.58	31.94	79.46	11.74	96.399	78.398	11.686	0.42	31.94
1.79	0.52	32.65	79.98	11.88	96.250	78.899	11.819	0.39	32.65
1.80	0.46	33.35	80.44	12.00	96.096	79.341	11.939	0.36	33.35
1.81	0.41	34.01	80.85	12.11	95.830	79.734	12.047	0.34	34.01
1.82	0.39	34.66	81.24	12.22	95.645	80.107	12.153	0.34	34.66
1.83	0.37	35.31	81.61	12.32	95.446	80.460	12.254	0.34	35.31
1.84	0.35	35.95	81.96	12.43	95.236	80.793	12.352	0.33	35.95
1.85	0.33	36.59	82.29	12.52	95.016	81.107	12.446	0.33	36.59
1.86	0.30	37.51	82.59	12.61	94.789	81.391	12.533	0.31	37.51
1.87	0.28	38.42	82.87	12.70	94.556	81.656	12.617	0.31	38.42
1.88	0.26	39.33	83.13	12.78	94.320	81.901	12.697	0.30	39.33
1.89	0.24	40.23	83.37	12.86	94.082	82.127	12.773	0.28	40.23
1.90	0.22	41.13	83.59	12.94	93.844	82.333	12.844	0.27	41.13
1.91	0.21	42.26	83.80	13.01	93.609	82.530	12.914	0.27	42.26
1.92	0.21	43.39	84.01	13.09	93.522	82.726	12.986	0.27	43.39
1.93	0.20	44.51	84.21	13.16	93.303	82.913	13.057	0.27	44.51
1.94	0.20	45.63	84.41	13.24	93.089	83.099	13.130	0.28	45.63
1.95	0.20	46.74	84.61	13.32	92.873	83.285	13.205	0.29	46.74
1.96	0.20	47.84	84.81	13.40	92.649	83.470	13.282	0.29	47.84
1.97	0.20	48.94	85.01	13.48	92.410	83.655	13.361	0.30	48.94
1.98	0.19	50.04	85.20	13.56	92.152	83.830	13.438	0.30	50.04
1.99	0.19	51.12	85.39	13.65	91.867	84.005	13.516	0.31	51.12
2.00	0.19	52.21	85.58	13.73	91.550	84.179	13.596	0.32	52.21
2.01	0.18	52.55	85.77	13.82	91.194	84.352	13.676	0.33	52.55
2.02	0.18	52.88	85.95	13.90	90.594	84.515	13.752	0.34	52.88
2.03	0.18	53.22	86.13	13.98	90.176	84.677	13.827	0.35	53.22
2.04	0.18	53.56	86.31	14.07	89.748	84.839	13.903	0.37	53.56
2.05	0.17	53.89	86.48	14.14	89.311	84.991	13.974	0.36	53.89
2.06	0.17	54.22	86.65	14.22	88.867	85.142	14.046	0.38	54.22
2.07	0.17	54.55	86.82	14.30	88.416	85.292	14.117	0.38	54.55
2.08	0.17	54.88	86.99	14.38	87.961	85.441	14.188	0.41	54.88
2.09	0.16	55.21	87.15	14.46	87.502	85.581	14.256	0.40	55.21
2.10	0.16	55.53	87.31	14.53	87.041	85.721	14.323	0.42	55.53
2.11	0.15	55.81	87.46	14.60	86.579	85.851	14.385	0.40	55.81
2.12	0.14	56.08	87.60	14.67	86.118	85.971	14.444	0.39	56.08
2.13	0.13	56.35	87.73	14.73	85.659	86.083	14.498	0.37	56.35
2.14	0.11	56.62	87.84	14.78	85.203	86.176	14.544	0.33	56.62
2.15	0.11	56.89	87.95	14.83	84.752	86.269	14.590	0.34	56.89
2.16	0.10	57.16	88.05	14.88	84.307	86.354	14.631	0.31	57.16
2.17	0.09	57.42	88.14	14.93	83.870	86.429	14.669	0.29	57.42
2.18	0.09	57.69	88.23	14.97	83.565	86.504	14.706	0.30	57.69
2.19	0.09	57.95	88.32	15.01	83.133	86.579	14.743	0.30	57.95
2.20	0.08	58.21	88.40	15.05	82.702	86.645	14.776	0.28	58.21
2.21	0.08	59.09	88.48	15.09	82.272	86.711	14.810	0.28	59.09
2.22	0.09	59.97	88.57	15.14	81.844	86.785	14.848	0.33	59.97
2.23	0.09	60.84	88.66	15.18	81.417	86.858	14.887	0.33	60.84
2.24	0.10	61.71	88.76	15.24	80.990	86.939	14.931	0.38	61.71
2.25	0.10	62.57	88.86	15.29	80.564	87.020	14.975	0.39	62.57
2.26	0.11	63.44	88.97	15.35	80.138	87.108	15.024	0.44	63.44
2.27	0.12	64.29	89.09	15.42	79.712	87.204	15.078	0.49	64.29
2.28	0.13	65.15	89.22	15.49	79.286	87.307	15.137	0.54	65.15
2.29	0.15	66.00	89.37	15.57	78.860	87.425	15.206	0.63	66.00
2.30	0.16	66.84	89.53	15.66	78.432	87.550	15.280	0.69	66.84
2.31	0.37	67.45	89.90	15.88	78.004	87.839	15.451	1.63	67.45
2.32	0.37	68.05	90.27	16.09	77.574	88.126	15.623	1.66	68.05
2.33	0.37	68.65	90.64	16.31	77.143	88.412	15.794	.69	68.65
2.34	0.37	69.25	91.01	16.52	76.710	88.695	15.965	.72	69.25

2.35	0.36	69.84	91.37	16.73	76.275	88.970	16.131	1.71	69.84
2.36	0.36	70.43	91.73	16.94	75.838	89.243	16.297	1.74	70.43
2.37	0.36	71.02	92.09	17.15	75.398	89.514	16.463	1.77	71.02
2.38	0.36	71.61	92.45	17.37	74.956	89.784	16.629	1.80	71.61
2.39	0.36	72.20	92.81	17.58	74.550	90.053	16.795	1.83	72.20
2.40	0.36	72.78	93.17	17.79	74.089	90.319	16.960	1.87	72.78
2.41	0.35	73.36	93.52	18.00	73.616	90.577	17.120	1.85	73.36
2.42	0.35	73.94	93.87	18.21	73.133	90.833	17.281	1.88	73.94
2.43	0.35	74.51	94.22	18.42	72.640	91.087	17.440	1.92	74.51
2.44	0.35	75.08	94.57	18.63	72.138	91.340	17.600	1.95	75.08
2.45	0.35	75.66	94.92	18.84	71.627	91.590	17.759	1.99	75.66
2.46	0.35	77.05	95.27	19.05	71.109	91.839	17.919	2.02	77.05
2.47	0.35	78.44	95.62	19.27	70.583	92.086	18.082	2.06	78.44
2.48	0.34	79.82	95.96	19.48	70.051	92.324	18.241	2.04	79.82
2.49	0.34	81.20	96.30	19.70	69.512	92.561	18.402	2.07	81.20
2.50	0.34	82.57	96.64	19.92	68.969	92.795	18.564	2.11	82.57
2.51	0.34	83.94	96.98	20.15	68.421	93.028	18.727	2.15	83.94
2.52	0.34	85.30	97.32	20.37	67.868	93.259	18.892	2.19	85.30
2.53	0.34	86.66	97.66	20.60	67.313	93.488	19.058	2.22	86.66
2.54	0.34	88.01	98.00	20.84	66.754	93.714	19.225	2.26	88.01
2.55	0.34	89.35	98.34	21.08	66.194	93.940	19.393	2.30	89.35
2.56	0.33	90.69	98.67	21.31	65.632	94.156	19.557	2.27	90.69
2.57	0.33	92.03	99.00	21.54	65.069	94.371	19.722	2.31	92.03
2.58	0.33	93.36	99.33	21.78	64.506	94.584	19.888	2.34	93.36
2.59	0.33	94.68	99.66	22.02	63.944	94.795	20.054	2.38	94.68
2.60	0.33	96.00	99.99	22.27	63.427	95.004	20.221	2.42	96.00

HEAD ASH %	22.27	CLEAN COAL ASH %	20.22	REFUSE ASH %	61.19
THEO. YIELD	97.09	CLEAN COAL YIELD%	95.00	REFUSE YIELD%	5.00
SG OF SEPARATION	2.513	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	6.365	IMPERFECTION	0.379		
ORGANIC EFFCY.	97.85				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 46 WID: WA1 EQUIPE WOC2 SG-ASH 0.00 EP19.000 SG 0.00
---------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 21.52 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.686	0.0	0.010	0.0	0.01
1.24	1.19	0.26	1.19	0.26	99.658	1.186	0.260	0.18	0.26
1.25	1.18	0.51	2.37	0.38	99.630	2.362	0.384	0.19	0.51
1.26	1.17	0.76	3.54	0.51	99.602	3.527	0.509	0.21	0.76
1.27	1.16	1.01	4.70	0.63	99.572	4.682	0.632	0.22	1.01
1.28	1.15	1.25	5.85	0.75	99.542	5.827	0.754	0.23	1.25
1.29	1.15	1.49	7.00	0.87	99.512	6.971	0.875	0.25	1.49
1.30	1.14	1.74	8.14	1.00	99.481	8.105	0.996	0.26	1.74
1.31	1.13	1.97	9.27	1.11	99.449	9.229	1.114	0.28	1.97
1.32	1.12	2.24	10.39	1.24	99.417	10.342	1.235	0.29	2.24
1.33	1.11	2.53	11.50	1.36	99.384	11.446	1.360	0.30	2.53
1.34	1.10	2.81	12.60	1.49	99.351	12.538	1.487	0.32	2.81
1.35	1.09	3.09	13.69	1.61	99.317	13.621	1.614	0.33	3.09
1.36	1.09	3.38	14.78	1.75	99.282	14.703	1.744	0.35	3.38
1.37	1.08	3.66	15.86	1.88	99.248	15.775	1.874	0.36	3.66
1.38	1.07	3.93	16.93	2.01	99.212	16.837	2.004	0.37	3.93
1.39	1.06	4.21	17.99	2.14	99.177	17.888	2.133	0.39	4.21
1.40	1.06	4.48	19.05	2.27	99.141	18.939	2.264	0.40	4.48
1.41	3.70	4.53	22.75	2.63	99.104	22.606	2.631	1.46	4.53
1.42	4.60	4.58	27.35	2.96	99.067	27.163	2.958	1.90	4.58
1.43	5.25	4.63	32.60	3.23	99.030	32.362	3.227	2.25	4.63
1.44	5.67	4.68	38.27	3.44	98.992	37.975	3.442	2.52	4.68
1.45	5.84	4.73	44.11	3.61	98.962	43.754	3.612	2.68	4.73
1.46	5.78	5.66	49.89	3.85	98.923	49.472	3.849	2.75	5.66
1.47	5.48	6.59	55.37	4.12	98.884	54.891	4.119	2.70	6.59
1.48	4.94	7.52	60.31	4.40	98.844	59.774	4.397	2.52	7.52
1.49	4.16	8.44	64.47	4.66	98.802	63.884	4.657	2.20	8.44
1.50	3.15	9.35	67.62	4.88	98.759	66.995	4.875	1.73	9.35
1.51	2.52	10.43	70.14	5.08	98.715	69.482	5.074	1.43	10.43
1.52	2.41	11.50	72.55	5.29	98.669	71.860	5.287	1.42	11.50
1.53	2.29	12.56	74.84	5.52	98.622	74.119	5.508	1.40	12.56
1.54	2.15	13.62	76.99	5.74	98.572	76.238	5.734	1.36	13.62
1.55	1.98	14.67	78.97	5.97	98.521	78.189	5.957	1.29	14.67
1.56	1.80	15.18	80.77	6.17	98.467	79.961	6.161	1.22	15.18
1.57	1.59	15.69	82.36	6.35	98.411	81.526	6.344	1.12	15.69
1.58	1.36	16.20	83.72	6.51	98.352	82.863	6.503	0.99	16.20
1.59	1.12	16.71	84.84	6.65	98.290	83.964	6.637	0.85	16.71
1.60	0.85	17.21	85.69	6.75	98.226	84.799	6.741	0.67	17.21
1.61	0.72	17.93	86.41	6.85	98.159	85.506	6.833	0.59	17.93
1.62	0.72	18.64	87.13	6.94	98.088	86.212	6.930	0.61	18.64
1.63	0.71	19.35	87.84	7.04	98.014	86.908	7.030	0.62	19.35
1.64	0.68	20.06	88.52	7.14	97.937	87.574	7.129	0.62	20.06
1.65	0.65	20.76	89.17	7.24	97.856	88.210	7.227	0.62	20.76
1.66	0.60	21.38	89.77	7.34	97.771	88.797	7.321	0.59	21.38
1.67	0.55	21.99	90.32	7.43	97.682	89.334	7.409	0.56	21.99
1.68	0.48	22.61	90.80	7.51	97.590	89.802	7.488	0.51	22.61
1.69	0.40	23.22	91.20	7.58	97.492	90.192	7.556	0.44	23.22
1.70	0.30	23.82	91.50	7.63	97.391	90.484	7.609	0.35	23.82
1.71	0.26	24.51	91.76	7.68	97.285	90.737	7.656	0.31	24.51
1.72	0.26	25.19	92.02	7.73	97.174	90.990	7.704	0.32	25.19

1.73	0.27	25.86	92.29	7.78	97.058	91.252	7.757	0.35	25.86
1.74	0.26	26.54	92.55	7.83	96.937	91.504	7.808	0.35	26.54
1.75	0.25	27.21	92.80	7.89	96.811	91.746	7.859	0.35	27.21
1.76	0.23	27.73	93.03	7.93	96.679	91.969	7.907	0.34	27.73
1.77	0.21	28.25	93.24	7.98	96.542	92.171	7.952	0.32	28.25
1.78	0.18	28.76	93.42	8.02	96.399	92.345	7.991	0.29	28.76
1.79	0.15	29.27	93.57	8.05	96.250	92.489	8.025	0.25	29.27
1.80	0.11	29.78	93.68	8.08	96.096	92.595	8.049	0.19	29.78
1.81	0.08	30.22	93.76	8.10	95.830	92.672	8.068	0.15	30.22
1.82	0.08	30.65	93.84	8.12	95.645	92.748	8.086	0.15	30.65
1.83	0.08	31.08	93.92	8.14	95.446	92.824	8.105	0.16	31.08
1.84	0.08	31.51	94.00	8.16	95.236	92.901	8.124	0.17	31.51
1.85	0.08	31.94	94.08	8.18	95.016	92.977	8.144	0.18	31.94
1.86	0.08	32.36	94.16	8.20	94.789	93.052	8.164	0.18	32.36
1.87	0.08	32.79	94.24	8.22	94.556	93.128	8.184	0.19	32.79
1.88	0.08	33.21	94.32	8.24	94.320	93.204	8.204	0.20	33.21
1.89	0.08	33.63	94.40	8.26	94.082	93.279	8.224	0.21	33.63
1.90	0.08	34.04	94.48	8.28	93.844	93.354	8.245	0.22	34.04
1.91	0.08	34.45	94.56	8.31	93.609	93.429	8.266	0.23	34.45
1.92	0.08	34.87	94.64	8.33	93.522	93.504	8.287	0.23	34.87
1.93	0.08	35.27	94.72	8.35	93.303	93.578	8.309	0.24	35.27
1.94	0.08	35.68	94.80	8.37	93.089	93.653	8.331	0.24	35.68
1.95	0.08	36.09	94.88	8.40	92.873	93.727	8.353	0.25	36.09
1.96	0.08	36.78	94.96	8.42	92.649	93.801	8.375	0.26	36.78
1.97	0.08	37.47	95.04	8.45	92.410	93.875	8.398	0.27	37.47
1.98	0.08	38.15	95.12	8.47	92.152	93.949	8.421	0.28	38.15
1.99	0.08	38.83	95.20	8.50	91.867	94.022	8.445	0.29	38.83
2.00	0.08	39.51	95.28	8.52	91.550	94.095	8.469	0.30	39.51
2.01	0.08	40.19	95.36	8.55	91.194	94.168	8.494	0.31	40.19
2.02	0.08	40.86	95.44	8.58	90.594	94.241	8.519	0.33	40.86
2.03	0.08	41.53	95.52	8.60	90.176	94.313	8.544	0.35	41.53
2.04	0.08	42.19	95.60	8.63	89.748	94.385	8.570	0.36	42.19
2.05	0.08	42.85	95.68	8.66	89.311	94.456	8.596	0.38	42.85
2.06	0.08	43.51	95.76	8.69	88.867	94.527	8.622	0.39	43.51
2.07	0.08	44.17	95.84	8.72	88.416	94.598	8.648	0.41	44.17
2.08	0.08	44.82	95.92	8.75	87.961	94.669	8.675	0.43	44.82
2.09	0.08	45.47	96.00	8.78	87.502	94.739	8.703	0.44	45.47
2.10	0.08	46.12	96.08	8.81	87.041	94.808	8.730	0.46	46.12
2.11	0.09	46.61	96.17	8.85	86.579	94.886	8.761	0.53	46.61
2.12	0.09	47.10	96.26	8.88	86.118	94.964	8.792	0.55	47.10
2.13	0.09	47.59	96.35	8.92	85.659	95.041	8.824	0.57	47.59
2.14	0.08	48.07	96.43	8.95	85.203	95.109	8.852	0.62	48.07
2.15	0.08	48.56	96.51	8.98	84.752	95.177	8.880	0.54	48.56
2.16	0.08	49.04	96.59	9.02	84.307	95.244	8.909	0.55	49.04
2.17	0.08	49.52	96.67	9.05	83.870	95.311	8.937	0.57	49.52
2.18	0.08	50.00	96.75	9.08	83.565	95.378	8.966	0.58	50.00
2.19	0.08	50.47	96.83	9.12	83.133	95.445	8.995	0.60	50.47
2.20	0.08	50.94	96.91	9.15	82.702	95.511	9.024	0.61	50.94
2.21	0.08	51.42	96.99	9.19	82.272	95.577	9.053	0.63	51.42
2.22	0.08	51.88	97.07	9.22	81.844	95.642	9.083	0.64	51.88
2.23	0.08	52.35	97.15	9.26	81.417	95.707	9.112	0.66	52.35
2.24	0.08	52.81	97.23	9.29	80.990	95.772	9.142	0.67	52.81
2.25	0.08	53.28	97.31	9.33	80.564	95.836	9.171	0.69	53.28
2.26	0.08	53.74	97.39	9.37	80.138	95.900	9.201	0.70	53.74
2.27	0.08	54.20	97.47	9.40	79.712	95.964	9.231	0.72	54.20
2.28	0.08	54.65	97.55	9.44	79.286	96.028	9.261	0.73	54.65
2.29	0.08	55.11	97.63	9.48	78.860	96.091	9.291	0.75	55.11
2.30	0.08	55.56	97.71	9.52	78.432	96.153	9.321	0.76	55.56
2.31	0.08	56.01	97.79	9.55	78.004	96.216	9.352	0.78	56.01
2.32	0.08	56.46	97.87	9.59	77.574	96.278	9.382	0.79	56.46
2.33	0.08	56.90	97.95	9.63	77.143	96.340	9.412	0.81	56.90
2.34	0.08	57.35	98.03	9.67	76.710	96.401	9.443	0.82	57.35

2.35	0.08	57.79	98.11	9.71	76.275	96.462	9.473	0.84	57.79
2.36	0.08	59.40	98.19	9.75	75.838	96.523	9.505	0.85	59.40
2.37	0.08	60.99	98.27	9.79	75.398	96.583	9.537	0.87	60.99
2.38	0.08	62.59	98.35	9.83	74.956	96.643	9.570	0.88	62.59
2.39	0.08	64.17	98.43	9.88	74.550	96.703	9.604	0.90	64.17
2.40	0.08	65.75	98.51	9.92	74.089	96.762	9.638	0.92	65.75
2.41	0.08	67.32	98.59	9.97	73.616	96.821	9.673	0.93	67.32
2.42	0.08	68.88	98.67	10.02	73.133	96.879	9.709	0.95	68.88
2.43	0.07	70.44	98.74	10.06	72.640	96.930	9.741	0.85	70.44
2.44	0.07	72.00	98.81	10.10	72.138	96.981	9.773	0.86	72.00
2.45	0.07	73.54	98.88	10.15	71.627	97.031	9.806	0.88	73.54
2.46	0.07	75.08	98.95	10.20	71.109	97.081	9.840	0.89	75.08
2.47	0.07	76.61	99.02	10.24	70.583	97.130	9.873	0.91	76.61
2.48	0.07	78.14	99.09	10.29	70.051	97.179	9.908	0.93	78.14
2.49	0.07	79.66	99.16	10.34	69.512	97.228	9.943	0.94	79.66
2.50	0.07	81.18	99.23	10.39	68.969	97.276	9.978	0.96	81.18
2.51	0.07	82.69	99.30	10.44	68.421	97.324	10.014	0.98	82.69
2.52	0.07	84.19	99.37	10.49	67.868	97.371	10.050	0.99	84.19
2.53	0.07	85.68	99.44	10.54	67.313	97.418	10.087	1.01	85.68
2.54	0.07	87.18	99.51	10.60	66.754	97.465	10.124	1.03	87.18
2.55	0.07	88.66	99.58	10.65	66.194	97.512	10.161	1.05	88.66
2.56	0.07	90.14	99.65	10.71	65.632	97.557	10.199	1.06	90.14
2.57	0.07	91.61	99.72	10.77	65.069	97.603	10.237	1.08	91.61
2.58	0.07	93.08	99.79	10.82	64.506	97.648	10.275	1.10	93.08
2.59	0.07	94.54	99.86	10.88	63.944	97.693	10.314	1.12	94.54
2.60	0.07	96.00	99.93	10.94	63.427	97.737	10.353	1.13	96.00

HEAD ASH %	10.94	CLEAN COAL ASH %	10.35	REFUSE ASH %	36.43
THEO. YIELD	99.18	CLEAN COAL YIELD%	97.74	REFUSE YIELD%	2.26
SG OF SEPARATION	2.493	ECART PROB. MOYEN	0.5229		
NEAR GRAVITY MAT	1.427	IMPERFECTION	0.379		
ORGANIC EFFCY.	98.55				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 1 WID: WA1 EQUIPE FRTH SG-ASH 19.00 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	69.29	16.21	69.29	16.21					
45.00	4.41	44.91	73.70	17.93					
60.00	1.60	48.00	75.30	18.57					
90.00	1.43	66.64	76.73	19.47					
120.00	1.43	76.19	78.16	20.50					
300.00	21.84	84.79	100.00	34.55					

HEAD ASH % 34.55

CLEAN COAL ASH % 19.00 REFUSE ASH % 83.10

CLEAN COAL YIELD% 75.75 REFUSE YIELD% 24.25

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 2 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 9.37 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	77.74	13.26	77.74	13.26					
45.00	2.65	30.38	80.39	13.83					
60.00	1.90	49.73	82.29	14.66					
90.00	1.77	57.95	84.06	15.57					
120.00	1.63	68.04	85.69	16.57					
300.00	14.31	74.31	100.00	24.83					

HEAD ASH % 24.83

CLEAN COAL ASH % 19.00 REFUSE ASH % 59.84

CLEAN COAL YIELD% 85.72 REFUSE YIELD% 14.28

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 3 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0
----------FROTH----------
FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 16.38 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	78.77	10.09	78.77	10.09					
45.00	4.49	14.67	83.26	10.34					
60.00	1.77	18.74	85.03	10.52					
90.00	2.70	28.91	87.73	11.08					
120.00	2.00	33.97	89.73	11.59					
300.00	10.27	39.77	100.00	14.49					

HEAD ASH % 14.49
CLEAN COAL ASH % 19.00 REFUSE ASH % *****
CLEAN COAL YIELD% ***** REFUSE YIELD% -2.00

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 5 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 10.56 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	59.48	9.49	59.48	9.49					
45.00	10.94	11.11	70.42	9.75					
60.00	4.37	11.42	74.79	9.84					
90.00	3.68	21.41	78.47	10.39					
120.00	3.32	34.90	81.79	11.38					
300.00	18.21	46.96	100.00	17.86					

HEAD ASH % 17.86

CLEAN COAL ASH % 19.00 REFUSE ASH % -7.36

CLEAN COAL YIELD% 95.68 REFUSE YIELD% 4.32

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 6 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.56 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	50.81	23.12	50.81	23.12					
45.00	3.30	50.88	54.11	24.82					
60.00	2.91	56.41	57.02	26.43					
90.00	4.47	61.19	61.49	28.96					
120.00	4.04	70.64	65.53	31.53					
300.00	34.47	76.89	100.00	47.17					

CLEAN COAL ASH % 19.00 REFUSE ASH % *****

HEAD ASH % 47.17 CLEAN COAL YIELD% 66.34 REFUSE YIELD% 33.66

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 7 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0
----------FROTH----------
FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.61 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	52.31	16.58	52.31	16.58					
45.00	3.85	33.40	56.16	17.74					
60.00	3.24	45.17	59.40	19.23					
90.00	3.71	57.70	63.11	21.50					
120.00	4.56	64.75	67.67	24.41					
300.00	32.33	71.26	100.00	39.56					

HEAD ASH % 39.56
CLEAN COAL ASH % 19.00 REFUSE ASH % 91.53
CLEAN COAL YIELD% 71.66 REFUSE YIELD% 28.34

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 8 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.93 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	72.36	10.56	72.36	10.56					
45.00	3.86	18.83	76.22	10.98					
60.00	2.10	28.25	78.32	11.45					
90.00	2.87	50.87	81.19	12.84					
120.00	2.10	68.07	83.29	14.23					
300.00	16.71	71.47	100.00	23.80					

HEAD ASH % 23.80

CLEAN COAL ASH % 19.00 REFUSE ASH % 55.93

CLEAN COAL YIELD% 87.01 REFUSE YIELD% 12.99

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 11 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 21.38 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	76.97	10.19	76.97	10.19					
45.00	14.48	14.47	91.45	10.87					
60.00	3.33	22.41	94.78	11.28					
90.00	1.76	40.64	96.54	11.81					
120.00	0.83	54.06	97.37	12.17					
300.00	2.63	80.29	100.00	13.97					

HEAD ASH % 13.97

CLEAN COAL ASH % 19.00 REFUSE ASH % *****

CLEAN COAL YIELD% ***** REFUSE YIELD% -3.11

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 12 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

---------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 18.08 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	65.13	6.30	65.13	6.30					
45.00	23.94	9.05	89.07	7.04					
60.00	4.92	14.94	93.99	7.46					
90.00	2.72	28.18	96.71	8.04					
120.00	0.79	40.65	97.50	8.30					
300.00	2.50	69.48	100.00	9.84					

HEAD ASH % 9.84

CLEAN COAL ASH % 19.00 REFUSE ASH % 85.89

CLEAN COAL YIELD% ***** REFUSE YIELD% *****

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 13 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 10.98 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	77.80	14.48	77.80	14.48					
45.00	7.87	34.73	85.67	16.35					
60.00	2.88	58.67	88.55	17.72					
90.00	1.88	74.72	90.43	18.91					
120.00	0.88	78.84	91.31	19.48					
300.00	8.69	82.84	100.00	24.99					

HEAD ASH % 24.99

CLEAN COAL ASH % 19.00 REFUSE ASH % 60.40

CLEAN COAL YIELD% 85.53 REFUSE YIELD% 14.47

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 16 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0
----------FROTH----------
FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.04 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	76.24	15.95	76.24	15.95					
45.00	5.49	39.74	81.73	17.55					
60.00	2.05	61.23	83.78	18.62					
90.00	2.24	71.47	86.02	20.00					
120.00	1.00	75.93	87.02	20.64					
300.00	12.98	81.86	100.00	28.59					

CLEAN COAL ASH % 19.00 REFUSE ASH % 70.73
HEAD ASH % 28.59 CLEAN COAL YIELD% 81.47 REFUSE YIELD% 18.53

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 17 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.81 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	81.91	14.60	81.91	14.60					
45.00	3.79	30.29	85.70	15.30					
60.00	2.05	50.06	87.75	16.11					
90.00	1.60	69.29	89.35	17.06					
120.00	1.02	76.75	90.37	17.74					
300.00	9.63	79.98	100.00	23.73					

HEAD ASH % 23.73

CLEAN COAL ASH % 19.00 REFUSE ASH % 55.65

CLEAN COAL YIELD% 87.09 REFUSE YIELD% 12.91

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 18 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 9.14 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	72.79	11.96	72.79	11.96					
45.00	9.75	26.46	82.54	13.68					
60.00	3.26	44.33	85.80	14.84					
90.00	1.52	70.44	87.32	15.81					
120.00	1.44	79.21	88.76	16.84					
300.00	11.24	84.22	100.00	24.41					

HEAD ASH % 24.41

CLEAN COAL ASH % 19.00 REFUSE ASH % 58.33

CLEAN COAL YIELD% 86.24 REFUSE YIELD% 13.76

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 19 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0
---------FROTH----------
FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.62 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	75.32	19.81	75.32	19.81					
45.00	4.84	52.60	80.16	21.79					
60.00	1.86	72.20	82.02	22.94					
90.00	2.69	78.56	84.71	24.70					
120.00	3.65	80.07	88.36	26.99					
300.00	11.64	84.63	100.00	33.70					

HEAD ASH % 33.70
CLEAN COAL ASH % 19.00 REFUSE ASH % 81.55
CLEAN COAL YIELD% 76.50 REFUSE YIELD% 23.50

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 20 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 4.34 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	75.07	21.67	75.07	21.67					
45.00	4.39	65.07	79.46	24.07					
60.00	2.43	71.98	81.89	25.49					
90.00	1.40	78.97	83.29	26.39					
120.00	1.45	82.01	84.74	27.34					
300.00	15.26	83.83	100.00	35.97					

HEAD ASH % 35.97

CLEAN COAL ASH % 19.00 REFUSE ASH % 85.61

CLEAN COAL YIELD% 74.53 REFUSE YIELD% 25.47

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 21 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 3.31 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	53.62	22.69	53.62	22.69					
45.00	13.00	50.64	66.62	28.15					
60.00	3.70	67.48	70.32	30.22					
90.00	4.13	72.54	74.45	32.57					
120.00	5.30	80.59	79.75	35.76					
300.00	20.25	82.32	100.00	45.19					

HEAD ASH % 45.19

CLEAN COAL ASH % 19.00 REFUSE ASH % 99.92

CLEAN COAL YIELD% 67.64 REFUSE YIELD% 32.36

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 22 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.80 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	71.05	25.85	71.05	25.85					
45.00	8.56	39.71	79.61	27.34					
60.00	6.06	60.30	85.67	29.68					
90.00	2.80	61.91	88.47	30.70					
120.00	2.63	67.17	91.10	31.75					
300.00	8.90	68.83	100.00	35.05					

HEAD ASH % 35.05

CLEAN COAL ASH % 19.00 REFUSE ASH % 84.01
CLEAN COAL YIELD% 75.31 REFUSE YIELD% 24.69

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 23 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.88 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	73.33	16.16	73.33	16.16					
45.00	3.88	37.12	77.21	17.22					
60.00	1.91	54.82	79.12	18.13					
90.00	2.87	69.63	81.99	19.93					
120.00	1.92	74.54	83.91	21.18					
300.00	16.09	79.92	100.00	30.63					

HEAD ASH % 30.63

CLEAN COAL ASH % 19.00 REFUSE ASH % 75.41

CLEAN COAL YIELD% 79.38 REFUSE YIELD% 20.62

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 24 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.18 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	79.61	12.85	79.61	12.85					
45.00	7.18	37.59	86.79	14.90					
60.00	1.56	62.68	88.35	15.75					
90.00	2.93	69.03	91.28	17.46					
120.00	2.08	76.02	93.37	18.76					
300.00	6.63	87.87	100.00	23.35					

CLEAN COAL ASH % 19.00 REFUSE ASH % 54.02
HEAD ASH % 23.35 CLEAN COAL YIELD% 87.58 REFUSE YIELD% 12.42

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82004 SID: 26 WID: WA1- EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 9.53 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	81.52	14.33	81.52	14.33					
45.00	3.39	27.79	84.91	14.87					
60.00	1.48	45.96	86.39	15.40					
90.00	1.32	64.89	87.71	16.15					
120.00	1.53	77.88	89.24	17.21					
300.00	10.76	86.74	100.00	24.69					

HEAD ASH % 24.69

CLEAN COAL ASH % 19.00 REFUSE ASH % 59.34

CLEAN COAL YIELD% 85.90 REFUSE YIELD% 14.10

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 40 WID: WA1 EQUIPE FRTH SG-ASH ***** EP 0.000 SG 0.00
---------FROTH----------
FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.74 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	59.36	20.76	59.36	20.76					
45.00	4.56	46.85	63.92	22.63					
60.00	3.34	61.58	67.26	24.56					
90.00	3.17	68.97	70.43	26.56					
120.00	3.00	77.61	73.43	28.65					
300.00	26.57	82.69	100.00	43.01					

HEAD ASH % 43.01

CLEAN COAL ASH % 19.00 REFUSE ASH % 96.77
CLEAN COAL YIELD% 69.13 REFUSE YIELD% 30.87

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 41 WID: WA1 EQUIPE FRTH SG-ASH 0.00 EP 0.000 SG 0.00

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 8.46 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	72.06	14.72	72.06	14.72					
45.00	12.66	25.65	84.72	16.36					
60.00	3.43	37.83	88.15	17.19					
90.00	2.77	56.19	90.92	18.38					
120.00	1.53	69.05	92.45	19.22					
300.00	7.55	76.71	100.00	23.56					

HEAD ASH % 23.56

CLEAN COAL ASH % 19.00 REFUSE ASH % 54.94

CLEAN COAL YIELD% 87.31 REFUSE YIELD% 12.69

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 42 WID: WA1 EQUIPE FRTH SG-ASH 0.00 EP 0.000 SG ****
----------FROTH----------
FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.45 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	66.44	20.27	66.44	20.27					
45.00	7.84	36.32	74.28	21.97					
60.00	2.83	49.51	77.11	22.98					
90.00	3.72	63.28	80.83	24.83					
120.00	3.82	73.56	84.65	27.03					
300.00	15.35	81.96	100.00	35.47					

HEAD ASH % 35.47
CLEAN COAL ASH % 19.00 REFUSE ASH % 84.74
CLEAN COAL YIELD% 74.95 REFUSE YIELD% 25.05

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 43 WID: WA1 EQUIPE FRTH SG-ASH 0.00 EP 0.0 SG 0.00

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.01 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	74.49	16.68	74.49	16.68					
45.00	3.66	37.23	78.15	17.65					
60.00	2.53	55.65	80.68	18.84					
90.00	4.03	67.31	84.71	21.15					
120.00	2.26	73.07	86.97	22.49					
300.00	13.03	76.74	100.00	29.56					

HEAD ASH % 29.56

CLEAN COAL ASH % 19.00 REFUSE ASH % 73.04

CLEAN COAL YIELD% 80.45 REFUSE YIELD% 19.55

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 45 WID: WA1 EQUIPE FRTH SG-ASH 0.00 EP 0.0 SG 0.00
----------FROTH----------
FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.45 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	73.49	15.90	73.49	15.90					
45.00	4.96	29.98	78.45	16.80					
60.00	1.58	46.35	80.03	17.38					
90.00	1.72	59.11	81.75	18.26					
120.00	1.22	76.01	82.97	19.11					
300.00	17.03	83.28	100.00	30.04					

HEAD ASH % 30.04
CLEAN COAL ASH % 19.00 REFUSE ASH % 74.11
CLEAN COAL YIELD% 79.97 REFUSE YIELD% 20.03

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 46 WID: WA1 EQUIPE FRTH SG-ASH 0.00 EP19.000 SG 0.00

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 15.74 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	80.62	8.69	80.62	8.69					
45.00	7.92	16.15	88.54	9.36					
60.00	1.83	30.35	90.37	9.79					
90.00	0.95	44.52	91.32	10.15					
120.00	0.67	53.73	91.99	10.47					
300.00	8.01	76.05	100.00	15.72					

HEAD ASH % 15.72

CLEAN COAL ASH % 19.00 REFUSE ASH % *****

CLEAN COAL YIELD% 99.53 REFUSE YIELD% 0.47

Yield Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : DATA SET CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN HO

MINE PERIOD : PROPERTY

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
HC	DDH82001	1	WA1	27.08	49.419983	17.29	79.62	39.346436	65.31	20.38	10.073546
HC	DDH82001	2	WA1	23.16	14.279997	15.11	81.60	11.652068	58.85	18.40	2.627929
HC	DDH82001	3	WA1	18.35	32.459961	15.19	88.81	28.828415	43.41	11.19	3.631561
HC	DDH82001	5	WA1	17.29	56.629969	13.87	90.64	51.328796	50.35	9.36	5.301168
HC	DDH82001	6	WA1	39.47	12.909999	25.83	67.92	8.768589	68.33	32.08	4.141410
HC	DDH82001	7	WA1	31.31	8.059997	19.01	75.48	6.083727	69.17	24.52	1.976270
HC	DDH82002	8	WA1	25.90	17.219971	16.79	81.15	13.974278	65.10	18.85	3.245707
HC	DDH82002	11	WA1	23.48	5.999999	19.91	87.63	5.257679	48.80	12.37	0.742320
HC	DDH82002	12	WA1	21.65	3.349998	16.21	84.41	2.827746	51.08	15.59	0.522252
HC	DDH82002	13	WA1	51.83	9.269998	31.26	54.89	5.087932	76.88	45.11	4.182065
HC	DDH82003	16	WA1	34.87	16.529999	24.58	69.95	11.562043	58.82	30.05	4.967956
HC	DDH82003	17	WA1	27.07	18.429977	19.21	80.83	14.896717	60.25	19.17	3.533273
HC	DDH82003	18	WA1	32.29	35.359955	22.13	75.83	26.812515	64.15	24.17	8.547453
HC	DDH82003	19	WA1	36.98	26.159958	25.63	68.71	17.973572	61.90	31.29	8.186402
HC	DDH82003	20	WA1	33.54	24.959961	23.50	75.48	18.839478	64.44	24.52	6.120484
HC	DDH82003	21	WA1	47.14	9.189998	25.79	55.25	5.077584	73.50	44.75	4.112412
HC	DDH82003	22	WA1	34.31	15.869998	22.81	70.48	11.185560	61.76	29.52	4.684437
HC	DDH82003	23	WA1	32.79	10.339997	20.64	70.70	7.310001	62.11	29.30	3.029995
HC	DDH82003	24	WA1	23.05	15.389998	16.29	79.03	12.162987	48.52	20.97	3.227012
BC	DDH82004	26	WA1	26.99	5.409997	20.46	80.86	4.374567	54.61	19.14	1.035430
BC	DDH82006	40	WA1	43.24	22.869980	30.17	62.56	14.308167	65.08	37.44	8.561826
BC	DDH82006	41	WA1	18.47	8.989999	14.16	87.70	8.761617	49.28	12.30	1.228382
BC	DDH82006	42	WA1	38.25	9.599998	20.21	63.57	6.102881	69.72	36.43	3.497114
BC	DDH82006	43	WA1	30.00	5.409999	21.42	76.95	4.162938	58.62	23.05	1.247059
BC	DDH82006	45	WA1	27.93	52.599960	19.88	78.41	41.243195	57.16	21.59	11.356762
BC	DDH82006	46	WA1	15.71	59.549973	13.00	90.86	54.107803	42.67	9.14	5.442183
	TOTALS			27.58	547.258301	18.69	78.95	432.035889	60.89	21.05	115.222198

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : FRACTION CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN HO

MINE PERIOD : PROPERTY

FRACTION SIZE (MM) 10.00 X 0.60 FLOAT EQUIPEMENT JIG SG 1.89

BLK	DS	SID	WID	HEAD	RAW COAL	CLEAN COAL			REFUSE		
				ASH%	TONNAGE	ASH%	YIELD	TONNAGE	ASH%	YIELD	TONNAGE
HC	DDH82001	1	WA1	27.94	40.188339	17.38	77.37	31.094803	64.04	22.63	9.093536
HC	DDH82001	2	WA1	23.87	10.481519	14.11	77.98	8.173303	58.41	22.02	2.308216
HC	DDH82001	3	WA1	21.14	19.677231	14.91	82.06	16.146362	49.63	17.94	3.530869
HC	DDH82001	5	WA1	17.88	40.654663	13.23	88.41	35.943008	53.33	11.59	4.711655
HC	DDH82001	6	WA1	39.05	10.703681	24.61	64.96	6.953237	65.82	35.04	3.750444
HC	DDH82001	7	WA1	30.54	6.208616	16.99	72.74	4.516301	66.71	27.26	1.692315
HC	DDH82002	8	WA1	27.24	13.335157	16.30	77.84	10.380592	65.65	22.16	2.954565
HC	DDH82002	11	WA1	28.19	3.289200	20.37	77.97	2.564504	55.87	22.03	0.724696
HC	DDH82002	12	WA1	29.71	2.008994	18.64	70.60	1.418309	96.29	29.40	0.590685
HC	DDH82002	13	WA1	60.07	6.893171	36.84	42.94	2.960066	77.55	57.06	3.933105
HC	DDH82003	16	WA1	35.88	13.255406	24.33	65.37	8.665632	57.69	34.63	4.589774
HC	DDH82003	17	WA1	28.87	14.873003	19.85	77.82	11.573811	60.53	22.18	3.299192
HC	DDH82003	18	WA1	33.88	26.732147	21.71	71.21	19.034805	63.97	28.79	7.697342
HC	DDH82003	19	WA1	38.28	20.648071	25.77	63.83	13.179448	60.36	36.17	7.468623
HC	DDH82003	20	WA1	32.93	21.495529	22.35	73.91	15.886745	62.90	26.09	5.608784
HC	DDH82003	21	WA1	48.78	8.090875	25.92	51.24	4.145386	72.81	48.76	3.945489
HC	DDH82003	22	WA1	34.84	12.591257	21.94	66.27	8.344065	60.19	33.73	4.247192
HC	DDH82003	23	WA1	35.05	7.939051	21.04	65.07	5.166110	61.16	34.93	2.772941
HC	DDH82003	24	WA1	23.97	12.798324	16.42	76.16	9.747153	48.07	23.84	3.051170
BC	DDH82004	26	WA1	29.12	3.978513	21.43	76.66	3.049892	54.37	23.34	0.928620
BC	DDH82006	40	WA1	44.16	18.282272	30.71	57.68	10.544517	62.51	42.32	7.737756
BC	DDH82006	41	WA1	17.60	8.074917	12.83	86.68	6.999689	48.64	13.32	1.075228
BC	DDH82006	42	WA1	39.37	7.967999	18.99	59.17	4.714411	68.91	40.83	3.253588
BC	DDH82006	43	WA1	30.62	4.533038	21.40	74.56	3.380043	57.67	25.44	1.152995
BC	DDH82006	45	WA1	28.53	43.368683	19.90	76.05	32.983017	55.94	23.95	10.385666
BC	DDH82006	46	WA1	17.35	37.361664	12.29	86.33	32.253113	49.25	13.67	5.108551
				29.33	415.429687	18.65	74.58	309.817871	60.65	25.42	105.612885

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : FRACTION CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN HO

MINE PERIOD : PROPERTY

FRACTION SIZE (MM) 0.60 X 0.15 FLOAT EQUIPEMENT WOC2 SG 2.38

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
HC	DDH82001	1	WA1	18.46	6.434484	16.23	95.31	6.132822	63.65	4.69	0.301661
HC	DDH82001	2	WA1	19.22	2.460443	16.68	94.77	2.331756	65.25	5.23	0.128687
HC	DDH82001	3	WA1	13.75	7.465797	12.97	97.23	7.258713	40.79	2.77	0.207085
HC	DDH82001	5	WA1	14.52	9.995190	13.21	96.69	9.664196	52.91	3.31	0.330994
HC	DDH82001	6	WA1	38.73	1.488523	34.61	89.97	1.339153	75.59	10.03	0.149369
HC	DDH82001	7	WA1	31.07	1.238015	27.10	91.11	1.127915	71.73	8.89	0.110100
HC	DDH82002	8	WA1	19.93	2.519283	17.80	95.49	2.405569	65.08	4.51	0.113714
HC	DDH82002	11	WA1	21.19	1.427899	19.93	95.97	1.370504	51.27	4.03	0.057495
HC	DDH82002	12	WA1	9.35	0.735925	8.77	98.02	0.720772	38.14	1.98	0.014553
HC	DDH82002	13	WA1	30.16	1.358981	26.56	92.52	1.257302	74.70	7.48	0.101679
HC	DDH82003	16	WA1	31.97	2.110881	28.37	92.30	1.948364	75.02	7.70	0.162517
HC	DDH82003	17	WA1	17.77	2.486205	16.19	96.14	2.390343	57.30	3.86	0.095862
HC	DDH82003	18	WA1	29.13	5.395933	25.49	92.49	4.990662	73.96	7.51	0.405272
HC	DDH82003	19	WA1	31.37	3.780118	27.63	91.78	3.469375	73.14	8.22	0.310743
HC	DDH82003	20	WA1	37.93	2.381183	33.69	90.10	2.145368	76.50	9.90	0.235815
HC	DDH82003	21	WA1	31.18	0.794935	27.01	91.39	0.726457	75.46	8.61	0.068478
HC	DDH82003	22	WA1	30.88	2.199581	27.92	92.23	2.028771	66.05	7.77	0.170810
HC	DDH82003	23	WA1	22.59	1.586155	19.97	94.38	1.497090	66.64	5.62	0.089065
HC	DDH82003	24	WA1	16.37	1.794474	14.45	95.72	1.717615	59.44	4.28	0.076859
BC	DDH82004	26	WA1	19.07	0.915913	17.83	96.28	0.881817	51.08	3.72	0.034095
BC	DDH82006	40	WA1	37.38	2.817583	33.33	90.15	2.539943	74.41	9.85	0.277640
BC	DDH82006	41	WA1	21.04	1.069928	19.69	95.71	1.024034	51.14	4.29	0.045895
BC	DDH82006	42	WA1	31.07	1.012799	27.03	91.27	0.924352	73.26	8.73	0.088447
BC	DDH82006	43	WA1	25.12	0.551820	22.82	94.47	0.521309	64.52	5.53	0.030511
BC	DDH82006	45	WA1	22.27	5.838598	20.22	95.00	5.546904	61.19	5.00	0.291695
BC	DDH82006	46	WA1	10.94	12.815160	10.35	97.74	12.525195	36.43	2.26	0.289965
				20.98	82.675110	18.69	94.93	78.486145	64.03	5.07	4.189001

FRACTION SIZE (MM) 0.15 X 0.0 FROTH EQUIPEMENT FRTH SG 0.0

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
HC	DDH82001	1	WA1	34.55	2.797172	19.00	75.75	2.118823	83.10	24.25	0.678349
HC	DDH82001	2	WA1	24.83	1.338036	19.00	85.72	1.147010	59.84	14.28	0.191026
HC	DDH82001	3	WA1	14.49	5.316948	19.00	102.00	5.423340	*****	-2.00	-0.106392
HC	DDH82001	5	WA1	17.86	5.980126	19.00	95.68	5.721606	-7.36	4.32	0.258520
HC	DDH82001	6	WA1	47.17	0.717796	19.00	66.94	0.476199	*****	33.66	0.241597
HC	DDH82001	7	WA1	39.56	0.613366	19.00	71.66	0.439510	91.53	28.34	0.173855
HC	DDH82002	8	WA1	23.80	1.365544	19.00	87.01	1.188117	55.93	12.99	0.177427
HC	DDH82002	11	WA1	13.97	1.282800	19.00	103.11	1.322671	*****	-3.11	-0.039871
HC	DDH82002	12	WA1	9.84	0.605680	19.00	113.70	0.688685	85.89	*****	-0.082986
HC	DDH82002	13	WA1	24.99	1.017849	19.00	85.53	0.870564	60.40	14.47	0.147281
HC	DDH82003	16	WA1	28.59	1.163712	19.00	81.47	0.948047	70.73	18.53	0.215665
HC	DDH82003	17	WA1	23.73	1.070783	19.00	87.09	0.932564	55.65	12.91	0.138218
HC	DDH82003	18	WA1	24.41	3.231902	19.00	86.24	2.787063	58.33	13.76	0.444839

HC	DDH82003	19	WA1	33.70	1.731791	19.00	76.50	1.324755	81.55	23.50	0.407036
HC	DDH82003	20	WA1	35.97	1.083263	19.00	74.53	0.807377	85.61	25.47	0.275886
HC	DDH82003	21	WA1	45.19	0.304189	19.00	67.64	0.205742	99.92	32.36	0.098447
HC	DDH82003	22	WA1	35.05	1.079160	19.00	75.31	0.812725	84.01	24.69	0.266435
HC	DDH82003	23	WA1	30.63	0.814792	19.00	79.38	0.646802	75.41	20.62	0.167990
HC	DDH82003	24	WA1	23.35	0.797202	19.00	87.58	0.698219	54.02	12.42	0.098983
BC	DDH82004	26	WA1	24.69	0.515573	19.00	85.90	0.442858	59.34	14.10	0.072715
BC	DDH82006	40	WA1	43.01	1.770137	19.00	69.13	1.223707	96.77	30.87	0.546430
BC	DDH82006	41	WA1	23.56	0.845154	19.00	87.31	0.737894	54.94	12.69	0.107260
BC	DDH82006	42	WA1	35.47	0.619200	19.00	74.95	0.464120	84.74	25.05	0.155080
BC	DDH82006	43	WA1	29.56	0.325141	19.00	80.45	0.261588	73.04	19.55	0.063553
BC	DDH82006	45	WA1	30.04	3.392699	19.00	79.97	2.713298	74.11	20.03	0.679401
BC	DDH82006	46	WA1	15.72	9.373167	19.00	99.53	9.329499	*****	0.47	0.043668
				23.87	49.152985	19.00	88.97	43.732620	63.15	11.03	5.420407
	TOTALS			27.58	547.257568	18.69	78.95	432.036377	60.89	21.05	115.222275

Averaged Quality Data Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN HO

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	RM 1008	ASH 1009	VM 1010	FC 1011	TS 1012	HGI 1019	C 1805	H 1806	N 1807	O 1808
KPNHCDDH82001	1	2.780	17.292	9.502	70.426	0.560	43.000	72.105	2.594	0.945	3.720
KPNHCDDH82001	2	2.210	15.109	8.870	73.811	0.520	43.000	74.300	2.641	0.925	4.274
KPNHCDDH82001	3	2.040	15.192	7.506	75.263	0.470	67.000	75.749	2.578	0.745	5.321
KPNHCDDH82001	5	1.630	13.872	7.251	77.247	0.470	40.000	77.745	2.687	0.954	4.315
KPNHCDDH82001	6	1.190	25.835	6.329	66.647	1.070	43.000	66.759	2.399	0.775	2.044
KPNHCDDH82001	7	2.710	19.012	7.773	70.505	0.420	43.000	71.336	2.541	0.860	3.121
KPNHCDDH82002	8	1.810	16.790	7.393	74.006	0.650	46.000	74.992	2.875	1.047	1.715
KPNHCDDH82002	11	2.860	19.909	9.269	67.962	0.510	137.000	68.212	2.508	0.933	5.066
KPNHCDDH82002	12	1.890	16.211	8.699	73.200	0.880	84.000	73.787	2.481	0.932	3.808
KPNHCDDH82002	13	1.590	31.248	5.865	61.297	0.500	86.000	63.587	2.340	0.692	0.132
KPNHCDDH82003	16	1.810	24.577	8.847	64.766	0.690	61.000	65.294	2.351	0.883	4.519
KPNHCDDH82003	17	1.230	19.206	8.481	71.082	2.020	56.000	71.406	2.622	0.944	2.562
KPNHCDDH82003	18	0.550	22.134	9.790	67.526	0.650	64.000	68.720	2.645	1.007	4.303
KPNHCDDH82003	19	0.640	25.628	8.133	65.600	1.190	58.000	65.999	2.386	0.938	3.305
KPNHCDDH82003	20	1.340	23.497	7.207	67.956	0.510	43.000	68.246	2.518	0.889	3.033
KPNHCDDH82003	21	1.480	25.792	8.691	64.037	0.590	41.000	64.252	2.361	0.927	4.614
KPNHCDDH82003	22	1.460	22.810	10.293	65.438	0.440	46.000	67.811	2.685	0.840	3.965
KPNHCDDH82003	23	1.960	20.638	10.113	67.289	0.460	********	72.419	2.816	0.847	0.867
KPNHCDDH82003	24	0.770	16.291	11.759	71.180	0.470	48.000	73.633	2.557	0.860	5.391
KPNBCDDH82004	26	0.830	20.457	9.279	69.434	0.480	61.000	71.549	2.993	0.878	2.814
KPNBCDDH82006	40	0.980	30.170	6.342	62.508	0.460	********	63.047	2.492	0.703	2.198
KPNBCDDH82006	41	0.640	14.155	6.703	78.502	1.450	********	78.753	2.692	0.922	1.320
KPNBCDDH82006	42	1.550	20.211	8.276	69.963	0.950	********	70.082	2.599	0.817	3.794
KPNBCDDH82006	43	0.920	21.423	7.515	70.143	0.400	42.000	70.823	2.473	0.939	3.038
KPNBCDDH82006	45	1.500	19.881	8.637	69.982	2.350	45.000	70.671	2.207	0.829	2.566
KPNBCDDH82006	46	0.750	13.000	8.976	77.274	0.480	********	79.176	3.048	0.851	3.458
QUALITY		1.471	18.693	8.421	71.415	0.807	61.448	71.392	2.576	0.873	3.458

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN HD

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	SIO2 1504	AL23 1505	FE23 1506	CAO 1507	MGO 1508	TIO2 1509	NA2O 1510	K2O 1511	SO3 1512	P2O5 1513
KPNHCDDH82001	1	53.380	17.730	2.780	6.230	3.600	0.830	2.270	0.600	2.470	1.000
KPNHCDDH82001	2	49.100	18.280	2.210	10.100	2.730	0.620	1.690	1.360	3.080	2.060
KPNHCDDH82001	3	55.550	18.010	2.040	6.310	2.270	0.490	0.420	1.050	4.930	0.550
KPNHCDDH82001	5	54.660	16.910	1.630	3.920	2.330	0.810	1.290	0.890	3.050	1.460
KPNHCDDH82001	6	60.700	20.630	1.190	1.960	1.220	0.550	2.860	1.880	0.920	0.580
KPNHCDDH82001	7	51.930	19.040	2.710	4.270	1.750	1.020	2.700	1.510	1.470	2.020
KPNHCDDH82002	8	59.220	18.920	1.810	5.490	3.460	0.560	2.190	0.750	1.710	1.580
KPNHCDDH82002	11	54.570	20.150	2.860	3.110	1.460	0.920	0.930	0.830	1.490	1.890
KPNHCDDH82002	12	50.000	17.240	1.890	8.130	2.830	0.940	1.100	0.530	1.950	2.160
KPNHCDDH82002	13	60.790	16.880	1.590	1.290	0.920	1.150	1.430	0.900	0.910	1.150
KPNHCDDH82003	16	62.960	21.470	1.810	1.220	1.170	0.800	1.090	1.280	0.940	0.290
KPNHCDDH82003	17	50.160	19.570	1.230	4.950	1.610	0.930	1.430	0.450	2.900	2.380
KPNHCDDH82003	18	61.040	21.110	0.550	3.860	1.510	0.630	1.090	0.900	1.510	1.410
KPNHCDDH82003	19	57.700	19.940	0.640	3.720	1.800	0.860	1.010	0.980	2.150	1.730
KPNHCDDH82003	20	66.960	18.360	1.340	1.900	1.120	0.810	1.260	0.600	1.110	1.050
KPNHCDDH82003	21	63.230	23.960	1.480	1.830	1.220	0.760	1.010	1.730	1.420	0.630
KPNHCDDH82003	22	59.260	20.990	1.460	2.910	1.270	0.920	1.350	0.900	1.290	1.270
KPNHCDDH82003	23	60.240	19.440	1.960	4.670	1.700	0.800	1.180	0.750	1.930	1.380
KPNHCDDH82003	24	39.200	21.070	0.770	13.680	5.410	0.630	0.840	0.750	4.160	2.180
KPNBCDDH82004	26	52.350	20.280	0.830	4.740	2.040	0.740	0.670	1.200	1.690	2.590
KPNBCDDH82006	40	64.950	21.510	1.130	1.350	1.560	0.920	1.260	1.580	0.850	1.120
KPNBCDDH82006	41	50.430	18.010	0.640	2.300	1.700	1.120	1.680	0.980	2.110	1.370
KPNBCDDH82006	42	49.400	19.890	1.550	3.790	1.630	0.850	1.570	1.370	2.110	1.370
KPNBCDDH82006	43	49.410	18.060	0.920	4.030	2.060	0.760	1.250	2.410	0.910	3.340
KPNBCDDH82006	45	50.240	19.760	1.500	3.520	3.200	0.450	1.220	1.320	4.120	0.850
KPNBCDDH82006	46	38.780	17.190	0.750	10.170	6.190	0.500	1.140	0.900	4.410	1.640
QUALITY		54.783	19.185	1.455	4.689	2.546	0.725	1.353	1.021	2.519	1.319

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN HO

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	OIT 1404	DST 1405	OHT 1406	OFT 1407	RIT 1408	RST 1409	RHT 1410	RFT 1411
KPNHCDDH82001	1	1225.000	1275.000	1290.000	1325.000	1215.000	1265.000	1285.000	1310.000
KPNHCDDH82001	2	1210.000	1240.000	1260.000	1300.000	1190.000	1230.000	1250.000	1270.000
KPNHCDDH82001	3	1220.000	1275.000	1300.000	1360.000	1210.000	1260.000	1275.000	1345.000
KPNHCDDH82001	5	1230.000	1260.000	1310.000	1330.000	1195.000	1245.000	1265.000	1300.000
KPNHCDDH82001	6	1305.000	1435.000	1460.000	1480.000	1295.000	1395.000	1440.000	1450.000
KPNHCDDH82001	7	1240.000	1330.000	1365.000	1400.000	1220.000	1305.000	1360.000	1400.000
KPNHCDDH82002	8	1200.000	1280.000	1305.000	1365.000	1195.000	1260.000	1300.000	1355.000
KPNHCDDH82002	11	1280.000	1375.000	1435.000	1470.000	1270.000	1360.000	1430.000	1445.000
KPNHCDDH82002	12	1230.000	1260.000	1280.000	1340.000	1220.000	1260.000	1280.000	1315.000
KPNHCDDH82002	13	1310.000	1485.000	1500.000	1500.000	1300.000	1475.000	1490.000	1500.000
KPNHCDDH82003	16	1295.000	1435.000	1460.000	1480.000	1240.000	1420.000	1455.000	1480.000
KPNHCDDH82003	17	1240.000	1270.000	1295.000	1325.000	1240.000	1270.000	1290.000	1315.000
KPNHCDDH82003	18	1220.000	1310.000	1335.000	1390.000	1215.000	1305.000	1330.000	1390.000
KPNHCDDH82003	19	1230.000	1290.000	1340.000	1380.000	1225.000	1280.000	1325.000	1360.000
KPNHCDDH82003	20	1210.000	1390.000	1415.000	1450.000	1190.000	1370.000	1400.000	1435.000
KPNHCDDH82003	21	1205.000	1340.000	1360.000	1390.000	1170.000	1330.000	1355.000	1380.000
KPNHCDDH82003	22	1230.000	1345.000	1360.000	1370.000	1215.000	1335.000	1355.000	1365.000
KPNHCDDH82003	23	1240.000	1290.000	1310.000	1345.000	1235.000	1285.000	1300.000	1335.000
KPNHCDDH82003	24	1195.000	1220.000	1235.000	1255.000	1185.000	1210.000	1230.000	1255.000
KPNBCDDH82004	26	1220.000	1270.000	1300.000	1340.000	1210.000	1265.000	1290.000	1330.000
KPNBCDDH82006	40	1215.000	1400.000	1435.000	1465.000	1210.000	1400.000	1435.000	1460.000
KPNBCDDH82006	41	1225.000	1360.000	1375.000	1415.000	1205.000	1350.000	1370.000	1410.000
KPNBCDDH82006	42	1230.000	1300.000	1335.000	1375.000	1215.000	1275.000	1325.000	1360.000
KPNBCDDH82006	43	1205.000	1280.000	1300.000	1345.000	1200.000	1260.000	1280.000	1305.000
KPNBCDDH82006	45	1280.000	1350.000	1365.000	1395.000	1275.000	1345.000	1360.000	1390.000
KPNBCDDH82006	46	1235.000	1280.000	1300.000	1330.000	1200.000	1225.000	1230.000	1260.000
QUALITY		1236.175	1317.672	1343.871	1377.691	1220.583	1302.336	1326.758	1360.164

ASTERIKS MEANS NO VALUE

Lost-Fox Area

Briquetting Coal Product

Washability Data
Individual Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 30 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 87.18 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.26	0.81	0.26	0.81	99.74	11.73
1.35	0.18	2.02	0.44	1.30	99.56	11.75
1.40	0.17	3.05	0.61	1.80	99.39	11.77
1.45	43.42	3.65	44.03	3.62	55.97	18.06
1.50	35.90	6.91	79.93	5.10	20.07	38.02
1.55	4.75	14.80	84.68	5.64	15.32	45.21
1.60	2.32	20.03	87.00	6.03	13.00	49.71
1.65	0.94	24.11	87.94	6.22	12.06	51.70
1.70	0.91	29.04	88.85	6.45	11.15	53.56
1.80	1.75	35.16	90.60	7.01	9.40	56.98
1.90	1.24	39.71	91.84	7.45	8.16	59.61
2.60	8.16	59.61	100.00	11.71	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT — INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 30 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.59	0.43	1.59	0.43	98.41	18.15
1.35	1.09	1.26	2.68	0.77	97.32	18.34
1.40	1.05	2.40	3.73	1.22	96.27	18.51
1.45	33.82	2.92	37.55	2.75	62.45	26.96
1.50	29.17	6.82	66.72	4.53	33.28	44.61
1.55	6.87	15.55	73.59	5.56	26.41	52.16
1.60	3.68	20.63	77.27	6.28	22.73	57.27
1.65	1.83	24.26	79.10	6.69	20.90	60.15
1.70	1.38	27.64	80.48	7.05	19.52	62.46
1.80	1.42	32.08	81.90	7.48	18.10	64.83
1.90	1.14	37.69	83.04	7.90	16.96	66.66
2.60	16.96	66.66	100.00	17.87	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 30 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 4.16 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	75.61	15.90	75.61	15.90	24.39	65.29
45.00	2.05	38.70	77.66	16.51	22.34	67.73
60.00	1.74	54.04	79.40	17.33	20.60	68.89
90.00	2.51	61.40	81.91	18.68	18.09	69.93
120.00	2.02	66.93	83.93	19.84	16.07	70.30
300.00	16.07	70.30	100.00	27.95	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF-SEAM :NO

DATA SOURCE KPNLRDDHB2005 SAMPLE ID 31 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.72 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM FLOATS WT%	CUM FLOATS ASH%	CUM SINKS WT%	CUM SINKS ASH%
1.30	0.09	0.85	0.09	0.85	99.91	31.43
1.35	0.06	2.22	0.14	1.41	99.86	31.45
1.40	0.06	3.61	0.20	2.03	99.80	31.46
1.45	23.75	5.12	23.95	5.10	76.05	39.69
1.50	21.63	8.74	45.58	6.82	54.42	51.99
1.55	8.35	14.84	53.93	8.06	46.07	58.72
1.60	5.54	20.12	59.47	9.19	40.53	64.00
1.65	3.63	25.77	63.10	10.14	36.90	67.76
1.70	2.85	30.70	65.95	11.03	34.05	70.86
1.80	3.59	36.91	69.54	12.37	30.46	74.87
1.90	2.38	42.25	71.92	13.36	28.08	77.63
2.60	28.08	77.63	100.00	31.40	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDHB2005 SAMPLE ID 31 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.59 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	0.09	0.25	0.09	0.25	99.91	42.26
1.35	0.06	1.09	0.14	0.59	99.86	42.28
1.40	0.06	2.81	0.20	1.21	99.80	42.31
1.45	17.95	4.43	18.15	4.39	81.85	50.61
1.50	16.41	8.23	34.56	6.22	65.44	61.24
1.55	6.61	14.89	41.17	7.56	58.83	66.48
1.60	4.48	18.86	45.65	8.67	54.35	70.41
1.65	2.96	22.41	48.61	9.51	51.39	73.17
1.70	2.51	26.63	51.12	10.35	48.88	75.56
1.80	3.81	33.49	54.93	11.95	45.07	79.12
1.90	2.87	48.88	57.80	13.78	42.20	81.18
2.60	42.20	81.18	100.00	42.22	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 31 WASHABILITY ID WA1

FROTH

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.69 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	59.92	23.17	59.92	23.17	40.08	78.50
45.00	3.58	59.79	63.50	25.24	36.50	80.33
60.00	2.08	69.27	65.58	26.64	34.42	81.00
90.00	3.30	73.06	68.88	28.86	31.12	81.84
120.00	2.87	78.79	71.75	30.86	28.25	82.15
300.00	28.25	82.15	100.00	45.35	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 32 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 89.22 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	0.75	0.43	0.75	0.43	99.25	17.66
1.35	0.51	1.82	1.27	0.99	98.73	17.74
1.40	0.49	4.66	1.76	2.02	98.24	17.80
1.45	23.98	7.18	25.74	6.83	74.26	21.23
1.50	24.03	10.25	49.77	8.48	50.23	26.49
1.55	16.82	14.16	66.59	9.91	33.41	32.70
1.60	10.09	17.08	76.68	10.86	23.32	39.46
1.65	2.90	20.38	79.58	11.20	20.42	42.17
1.70	2.00	23.56	81.58	11.51	18.42	44.19
1.80	3.00	28.20	84.58	12.10	15.42	47.30
1.90	1.77	33.69	86.35	12.54	13.65	49.06
2.60	13.65	49.06	100.00	17.63	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDHB2005 SAMPLE ID 32 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 7.62 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.05	0.55	3.05	0.55	96.95	26.68
1.35	2.08	1.85	5.13	1.08	94.87	27.23
1.40	2.01	3.98	7.14	1.89	92.86	27.73
1.45	22.90	5.57	30.04	4.70	69.96	34.98
1.50	21.79	9.39	51.83	6.67	48.17	46.56
1.55	10.99	15.93	62.82	8.29	37.18	55.61
1.60	6.96	19.35	69.18	9.31	30.82	63.09
1.65	2.60	21.57	71.78	9.75	28.22	66.91
1.70	1.98	24.93	73.76	10.16	26.24	70.09
1.80	2.74	30.44	76.50	10.89	23.50	74.71
1.90	1.43	35.54	77.93	11.34	22.07	77.25
2.60	22.07	77.25	100.00	45.86	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLR00HB2005 SAMPLE ID 32 WASHABILITY ID WA1

---------FROTH---------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 3.16 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	70.25	21.40	70.25	21.40	29.75	81.98
45.00	1.80	62.31	72.05	22.42	27.95	83.24
60.00	1.27	71.28	73.32	23.27	26.68	83.81
90.00	1.89	77.05	75.21	24.62	24.79	84.33
120.00	2.10	81.00	77.31	26.16	22.69	84.63
300.00	22.69	84.63	100.00	38.42	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 34 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 82.63 ASH% - 0.0

SG-TMP	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.09	0.86	0.09	0.86	99.91	20.35
1.35	0.06	2.27	0.14	1.43	99.86	20.36
1.40	0.06	3.76	0.20	2.09	99.80	20.37
1.45	20.82	5.10	21.02	5.07	78.98	24.39
1.50	21.11	8.59	42.13	6.83	57.87	30.16
1.55	16.68	13.63	58.81	8.76	41.19	36.86
1.60	11.90	18.04	70.71	10.32	29.28	44.50
1.65	5.36	23.43	76.07	11.25	23.93	49.22
1.70	2.54	27.75	78.61	11.78	21.39	51.77
1.80	2.50	33.52	81.11	12.45	18.89	54.19
1.90	2.72	37.27	83.83	13.25	16.17	57.03
2.60	16.17	57.03	100.00	20.33	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 34 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.85 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.54	0.32	2.54	0.32	97.46	21.65
1.35	1.73	1.59	4.26	0.84	95.74	22.01
1.40	1.67	4.43	5.93	1.84	94.07	22.32
1.45	21.72	6.94	27.65	5.85	72.35	26.94
1.50	20.02	8.37	47.67	7.33	52.33	33.67
1.55	8.28	12.38	56.95	8.15	43.05	38.26
1.60	7.40	15.23	64.35	8.86	35.65	43.03
1.65	6.21	18.31	70.56	9.79	29.44	48.25
1.70	5.08	22.30	75.64	10.63	24.36	53.66
1.80	5.89	28.84	81.53	11.94	18.47	61.58
1.90	3.17	37.76	84.70	12.91	15.30	66.51
2.60	15.30	66.51	100.00	21.11	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 34 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.52 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	70.01	19.23	70.01	19.23	29.99	51.99
45.00	6.66	24.06	76.67	19.65	23.33	59.96
60.00	3.04	45.62	79.71	20.64	20.29	62.11
90.00	4.43	45.69	84.14	21.96	15.86	66.69
120.00	1.15	56.03	85.29	22.42	14.71	67.53
300.00	14.71	67.83	100.00	29.06	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 36 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.26 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.61	0.16	0.61	0.16	99.39	36.96
1.35	0.41	1.02	1.02	0.51	98.98	36.51
1.40	0.40	3.17	1.42	1.25	98.58	36.65
1.45	6.28	4.67	7.70	4.04	92.30	38.82
1.50	7.25	8.38	14.95	6.14	85.05	41.42
1.55	7.82	12.38	22.77	8.28	77.23	44.36
1.60	7.82	18.31	30.59	10.85	69.41	47.28
1.65	7.85	24.77	38.44	13.69	61.56	50.16
1.70	7.68	29.67	46.12	16.35	53.88	53.09
1.80	10.47	34.92	56.59	19.79	43.41	57.47
1.90	11.32	40.79	67.91	23.29	32.09	63.35
2.60	32.09	63.35	100.00	36.14	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 36 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.80 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.87	0.01	2.87	0.01	97.13	37.19
1.35	1.75	1.48	4.62	0.57	95.38	37.85
1.40	1.63	6.12	6.25	2.01	93.75	38.40
1.45	12.36	10.19	18.61	7.45	81.39	42.68
1.50	11.34	12.50	29.95	9.36	70.05	47.57
1.55	5.60	14.16	35.55	10.12	64.45	50.47
1.60	4.79	17.52	40.34	11.00	59.66	53.11
1.65	4.16	21.60	44.50	11.99	55.50	55.48
1.70	4.19	25.15	48.69	13.12	51.31	57.95
1.80	8.72	29.82	57.41	15.66	42.59	63.71
1.90	6.58	37.01	63.98	17.85	36.01	68.59
2.60	36.01	68.59	100.00	36.12	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 3G WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.94 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	49.99	26.82	49.99	26.82	50.01	69.08
45.00	9.22	41.38	59.21	29.09	40.79	75.34
60.00	4.57	55.60	63.78	30.99	36.22	77.83
90.00	4.63	66.79	68.41	33.41	31.59	79.45
120.00	2.44	73.89	70.85	34.81	29.15	79.91
300.00	29.15	79.91	100.00	47.96	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 37 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 69.34 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.90	1.42	0.01	1.42	0.01	98.58	49.73
1.35	1.37	0.84	2.79	0.42	97.21	50.43
1.40	1.82	3.26	4.61	1.53	95.39	51.32
1.45	2.83	4.16	7.44	2.53	92.56	52.77
1.50	2.89	8.45	10.33	4.47	89.67	54.16
1.55	3.69	16.48	14.02	7.63	85.98	55.78
1.60	4.08	21.18	18.11	10.69	81.89	57.51
1.65	5.22	24.67	23.33	13.82	76.67	59.74
1.70	4.80	28.06	28.13	16.25	71.87	61.86
1.80	5.71	33.12	33.84	19.10	66.16	64.34
1.90	6.50	38.64	40.34	22.25	59.66	67.14
2.60	59.66	67.14	100.00	49.03	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 37 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.11 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	10.72	0.01	10.72	0.01	89.28	31.42
1.35	5.58	1.57	16.30	0.55	83.70	33.41
1.40	5.36	7.49	21.66	2.26	78.34	35.18
1.45	12.61	12.22	34.27	5.93	65.73	39.59
1.50	10.77	14.96	45.04	8.09	54.96	44.41
1.55	4.87	17.63	49.91	9.02	50.09	47.02
1.60	4.66	20.38	54.57	9.99	45.43	49.75
1.65	4.59	23.04	59.16	11.00	40.84	52.75
1.70	4.54	25.47	63.70	12.03	36.30	56.16
1.80	7.67	28.69	71.37	13.82	28.63	63.52
1.90	3.88	36.13	75.25	14.97	24.75	67.82
2.60	24.75	67.82	100.00	28.05	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDHB2005 SAMPLE ID 37 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 13.55 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	85.34	17.95	85.94	17.95	14.66	72.08
45.00	4.40	55.95	89.74	19.82	10.26	78.99
60.00	1.14	70.50	90.88	20.45	9.12	80.05
90.00	0.79	76.75	91.67	20.94	8.33	80.36
120.00	1.50	79.09	93.17	21.88	6.83	80.64
300.00	6.83	80.64	100.00	25.89	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDHB2005 SAMPLE ID 38 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.96	0.88	2.96	0.88	97.04	21.71
1.35	2.02	2.39	4.98	1.49	95.02	22.12
1.40	1.95	4.14	6.93	2.23	93.07	22.50
1.45	18.75	5.57	25.68	4.67	74.32	26.77
1.50	18.33	8.76	44.01	6.37	55.99	32.66
1.55	11.66	13.62	55.67	7.87	44.33	37.70
1.60	8.78	18.65	64.45	9.34	35.55	42.40
1.65	6.08	24.58	70.53	10.65	29.47	46.08
1.70	4.25	27.95	74.78	11.63	25.22	49.14
1.80	4.81	31.48	79.59	12.83	20.41	53.30
1.90	6.25	37.33	85.84	14.62	14.16	60.34
2.60	14.16	60.34	100.00	21.09	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRODH82005 SAMPLE ID 38 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.20 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TYE	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	2.88	1.83	2.88	1.83	97.12	18.34
1.35	1.96	4.05	4.84	2.73	95.16	18.64
1.40	1.89	4.82	6.73	3.32	93.27	18.92
1.45	18.62	5.46	25.35	4.89	74.65	22.27
1.50	18.75	7.55	44.10	6.02	55.90	27.22
1.55	14.48	10.76	58.58	7.19	41.42	32.97
1.60	10.73	14.04	69.31	8.25	30.69	39.59
1.65	5.99	17.85	75.30	9.01	24.70	44.86
1.70	4.11	21.58	79.41	9.66	20.59	49.51
1.80	5.88	27.26	85.29	10.88	14.71	58.40
1.90	3.60	38.15	88.89	11.98	11.11	64.96
2.60	11.11	64.96	100.00	17.87	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 38 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.25 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	70.87	13.53	70.87	13.53	29.13	53.51
45.00	8.05	24.63	78.92	14.67	21.08	64.54
60.00	2.64	36.05	81.56	15.36	18.44	68.62
90.00	3.80	48.78	85.36	16.85	14.64	73.77
120.00	1.82	59.90	87.18	17.75	12.82	75.73
300.00	12.82	75.73	100.00	25.18	0.00	0.00

Washability Data

Blended Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 84.41 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.42	0.64	0.42	0.64	99.58	21.92
1.35	0.29	1.90	0.72	1.16	99.28	21.98
1.40	0.29	3.71	1.01	1.90	98.99	22.03
1.45	27.26	4.47	28.27	4.38	71.73	28.70
1.50	24.45	7.91	52.72	6.02	47.28	39.45
1.55	9.53	14.03	62.24	7.24	37.76	45.87
1.60	6.50	18.66	68.74	8.32	31.26	51.52
1.65	3.63	24.24	72.37	9.12	27.63	55.10
1.70	2.68	28.93	75.05	9.83	24.95	57.91
1.80	3.51	34.47	78.56	10.93	21.44	61.75
1.90	3.22	39.55	81.77	12.05	18.23	65.67
2.60	18.23	65.67	100.00	21.83	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.14 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	2.15	0.39	2.15	0.39	97.85	27.47
1.35	1.37	1.76	3.52	0.93	96.48	27.83
1.40	1.31	4.71	4.83	1.96	95.17	28.15
1.45	22.65	5.00	27.48	4.46	72.52	35.39
1.50	20.40	8.35	47.89	6.12	52.11	45.97
1.55	7.89	13.86	55.78	7.22	44.22	51.70
1.60	5.51	17.36	61.29	8.13	38.71	56.59
1.65	3.79	20.51	65.07	8.85	34.93	60.50
1.70	3.14	24.34	68.21	9.56	31.79	64.07
1.80	4.41	30.13	72.63	10.81	27.37	69.55
1.90	2.88	39.94	75.51	11.92	24.49	73.04
2.60	24.49	73.04	100.00	26.89	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

---FROTH---

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.45 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	67.87	19.35	67.87	19.35	32.13	66.59
45.00	4.88	37.45	72.75	20.56	27.25	71.81
60.00	2.47	54.19	75.22	21.66	24.78	73.57
90.00	3.37	59.18	78.58	23.27	21.42	75.83
120.00	1.99	70.83	80.58	24.45	19.42	76.35
300.00	19.42	76.35	100.00	34.53	0.00	0.00

Washability Data

Blended Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY EQUIPEMENT JIG SG-ASH 19.00 EP 0.414 SG 2.53

---------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 84.41 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.06	0.14	0.06	0.14	100.000	0.061	0.135	0.00	0.14
1.25	0.06	0.26	0.12	0.20	100.000	0.121	0.197	0.00	0.26
1.26	0.06	0.38	0.18	0.26	100.000	0.182	0.259	0.00	0.38
1.27	0.06	0.57	0.24	0.34	100.000	0.242	0.338	0.00	0.57
1.28	0.06	0.83	0.30	0.44	100.000	0.302	0.436	0.00	0.83
1.29	0.06	1.09	0.36	0.54	100.000	0.361	0.544	0.00	1.09
1.30	0.06	1.34	0.42	0.66	100.000	0.421	0.656	0.00	1.34
1.31	0.06	1.39	0.48	0.75	100.000	0.480	0.747	0.00	1.39
1.32	0.06	1.44	0.54	0.82	100.000	0.539	0.824	0.0	1.44
1.33	0.06	1.73	0.60	0.91	100.000	0.598	0.913	0.0	1.73
1.34	0.06	2.24	0.66	1.03	100.000	0.657	1.032	0.00	2.24
1.35	0.06	2.75	0.72	1.17	100.000	0.716	1.173	0.00	2.75
1.36	0.06	3.14	0.77	1.32	100.000	0.774	1.322	0.00	3.14
1.37	0.06	3.52	0.83	1.48	100.000	0.832	1.476	0.00	3.52
1.38	0.06	3.79	0.89	1.63	99.978	0.891	1.627	0.00	3.79
1.39	0.06	3.95	0.95	1.77	99.952	0.949	1.771	0.00	3.95
1.40	0.06	4.10	1.01	1.91	99.923	1.009	1.909	0.00	4.10
1.41	3.20	4.10	4.21	3.57	99.890	4.209	3.574	0.06	4.10
1.42	7.99	4.10	12.20	3.82	99.854	12.188	3.918	0.20	4.10
1.43	10.63	4.43	22.83	4.16	99.816	22.797	4.156	0.33	4.43
1.44	2.94	5.08	25.77	4.26	99.774	25.728	4.261	0.11	5.08
1.45	2.50	6.74	28.27	4.39	99.729	28.221	4.392	0.11	5.74
1.46	5.25	6.14	33.52	4.67	99.681	33.452	4.665	0.28	6.14
1.47	5.37	6.55	38.88	4.93	99.630	38.797	4.924	0.33	6.55
1.48	5.19	7.60	44.07	5.24	99.577	43.962	5.239	0.37	7.60
1.49	4.71	9.30	48.78	5.63	99.521	48.650	5.630	0.38	9.30
1.50	3.94	10.99	52.72	6.03	99.463	52.568	6.029	0.36	10.99
1.51	2.98	12.28	55.70	6.37	99.402	55.527	6.363	0.30	12.28
1.52	2.19	13.57	57.89	6.64	99.339	57.704	6.635	0.24	13.57
1.53	1.66	14.63	59.54	6.86	99.274	59.348	6.856	0.20	14.63
1.54	1.37	15.48	60.91	7.06	99.206	60.706	7.049	0.18	15.48
1.55	1.33	16.32	62.24	7.25	99.137	62.026	7.247	0.19	16.32
1.56	1.43	16.91	63.67	7.47	99.066	63.444	7.463	0.22	16.91
1.57	1.45	17.50	65.12	7.69	98.993	64.876	7.684	0.24	17.50
1.58	1.38	18.53	66.50	7.92	98.921	66.242	7.908	0.25	18.53
1.59	1.23	20.00	67.73	8.14	98.833	67.460	8.126	0.24	20.00
1.60	1.00	21.46	68.74	8.33	98.737	68.452	8.320	0.21	21.46
1.61	0.84	22.36	69.58	8.50	98.632	69.277	8.487	0.19	22.36
1.62	0.78	23.26	70.36	8.67	98.520	70.048	8.649	0.19	23.26
1.63	0.73	24.30	71.09	8.83	98.402	70.764	8.808	0.20	24.30
1.64	0.67	25.50	71.76	8.98	98.278	71.423	8.962	0.19	25.50
1.65	0.61	26.70	72.37	9.13	98.148	72.024	9.110	0.19	26.70
1.66	0.59	27.40	72.96	9.28	98.014	72.603	9.256	0.20	27.40
1.67	0.59	28.11	73.55	9.43	97.857	73.182	9.405	0.21	28.11
1.68	0.56	28.97	74.11	9.58	97.703	73.732	9.551	0.22	28.97
1.69	0.51	29.97	74.62	9.72	97.539	74.228	9.687	0.21	29.97
1.70	0.43	30.97	75.05	9.84	97.364	74.642	9.805	0.19	30.97
1.71	0.37	31.68	75.42	9.95	97.180	75.005	9.911	0.18	31.68
1.72	0.37	32.39	75.79	10.06	96.988	75.361	10.017	19	32.39

1.73	0.36	33.08	76.15	10.17	96.787	75.712	10.124	0.20	33.08
1.74	0.36	33.78	76.51	10.28	96.579	76.057	10.231	0.21	33.78
1.75	0.35	34.47	76.86	10.39	96.365	76.397	10.339	0.22	34.47
1.76	0.35	34.99	77.21	10.50	96.144	76.731	10.447	0.23	34.99
1.77	0.34	35.51	77.55	10.61	95.918	77.060	10.554	0.24	35.51
1.78	0.34	36.02	77.89	10.72	95.688	77.385	10.661	0.25	36.02
1.79	0.33	36.53	78.23	10.83	95.454	77.704	10.767	0.26	36.53
1.80	0.33	37.04	78.56	10.94	95.216	78.019	10.873	0.27	37.04
1.81	0.33	37.41	78.89	11.05	94.976	78.332	10.979	0.28	37.41
1.82	0.33	37.78	79.22	11.16	94.752	78.644	11.085	0.29	37.78
1.83	0.33	38.15	79.54	11.27	94.488	78.955	11.192	0.30	38.15
1.84	0.33	38.52	79.87	11.38	94.210	79.264	11.298	0.32	38.52
1.85	0.33	38.88	80.20	11.50	93.918	79.570	11.405	0.33	38.88
1.86	0.32	39.61	80.52	11.61	93.611	79.873	11.511	0.35	39.61
1.87	0.32	40.34	80.84	11.72	93.290	80.171	11.619	0.36	40.34
1.88	0.32	41.06	81.16	11.84	92.955	80.465	11.726	0.37	41.06
1.89	0.31	41.78	81.47	11.95	92.606	80.752	11.833	0.39	41.78
1.90	0.30	42.50	81.77	12.07	92.242	81.033	11.940	0.40	42.50
1.91	0.30	43.14	82.07	12.18	91.865	81.310	12.046	0.41	43.14
1.92	0.30	43.77	82.37	12.29	91.474	81.584	12.152	0.43	43.77
1.93	0.30	44.41	82.67	12.41	91.070	81.855	12.259	0.45	44.41
1.94	0.30	45.04	82.97	12.53	90.652	82.124	12.366	0.47	45.04
1.95	0.30	45.67	83.26	12.64	90.221	82.391	12.474	0.49	45.67
1.96	0.29	46.29	83.56	12.76	89.548	82.654	12.582	0.52	46.29
1.97	0.29	46.91	83.85	12.88	89.082	82.914	12.690	0.54	46.91
1.98	0.29	47.53	84.14	13.00	88.602	83.172	12.798	0.56	47.53
1.99	0.29	48.14	84.43	13.12	88.109	83.427	12.906	0.58	48.14
2.00	0.29	48.75	84.72	13.24	87.603	83.680	13.014	0.60	48.75
2.01	0.29	49.36	85.00	13.36	87.085	83.929	13.122	0.62	49.36
2.02	0.29	49.97	85.29	13.49	86.555	84.176	13.230	0.65	49.97
2.03	0.28	50.57	85.57	13.61	86.013	84.421	13.338	0.67	50.57
2.04	0.28	51.17	85.86	13.73	85.460	84.663	13.446	0.69	51.17
2.05	0.28	51.76	86.14	13.86	84.896	84.902	13.554	0.71	51.76
2.06	0.28	52.36	86.42	13.98	84.322	85.138	13.662	0.74	52.36
2.07	0.28	52.95	86.70	14.11	83.739	85.372	13.769	0.76	52.95
2.08	0.28	53.54	86.98	14.23	83.146	85.602	13.877	0.79	53.54
2.09	0.28	54.12	87.25	14.36	82.545	85.831	13.984	0.81	54.12
2.10	0.28	54.70	87.53	14.49	81.934	86.056	14.090	0.84	54.70
2.11	0.27	55.28	87.80	14.62	81.317	86.279	14.197	0.86	55.28
2.12	0.27	55.86	88.07	14.74	80.691	86.499	14.303	0.89	55.86
2.13	0.27	56.43	88.35	14.87	80.059	86.717	14.408	0.91	56.43
2.14	0.27	57.00	88.62	15.00	79.419	86.931	14.514	0.94	57.00
2.15	0.27	57.57	88.89	15.13	78.774	87.143	14.618	0.96	57.57
2.16	0.27	58.14	89.15	15.26	78.123	87.353	14.723	0.99	58.14
2.17	0.27	58.70	89.42	15.39	77.467	87.560	14.827	1.01	58.70
2.18	0.27	59.26	89.69	15.52	76.806	87.764	14.930	1.04	59.26
2.19	0.26	59.82	89.95	15.65	76.140	87.965	15.033	1.06	59.82
2.20	0.26	60.37	90.21	15.78	75.471	88.164	15.135	1.09	60.37
2.21	0.26	60.93	90.48	15.91	74.798	88.360	15.237	1.11	60.93
2.22	0.26	61.48	90.74	16.04	74.316	88.555	15.338	1.13	61.48
2.23	0.26	62.03	91.00	16.17	73.612	88.746	15.439	1.15	62.03
2.24	0.26	62.57	91.26	16.30	72.889	88.935	15.539	1.18	62.57
2.25	0.26	63.12	91.52	16.44	72.149	89.122	15.639	1.21	63.12
2.26	0.26	64.12	91.77	16.57	71.393	89.305	15.738	1.24	64.12
2.27	0.26	65.13	92.03	16.71	70.622	89.486	15.838	1.26	65.13
2.28	0.26	66.13	92.28	16.84	69.838	89.664	15.938	1.29	66.13
2.29	0.25	67.12	92.54	16.98	69.042	89.840	16.038	1.32	67.12
2.30	0.25	68.11	92.79	17.12	68.235	90.013	16.138	1.35	68.11
2.31	0.25	69.10	93.04	17.26	67.420	90.183	16.238	1.38	69.10
2.32	0.25	70.08	93.30	17.40	66.596	90.350	16.338	1.41	70.08
2.33	0.25	71.06	93.55	17.55	65.767	90.515	16.437	1.44	71.06
2.34	0.25	72.04	93.80	17.69	64.932	90.677	16.537	1.47	72.04

2.35	0.25	73.01	94.04	17.84	64.094	90.836	16.636	1.50	73.01
2.36	0.25	73.97	94.29	17.98	63.253	90.993	16.734	1.53	73.97
2.37	0.25	74.93	94.54	18.13	62.411	91.147	16.833	1.56	74.93
2.38	0.25	75.89	94.78	18.28	61.570	91.298	16.931	1.59	75.89
2.39	0.25	76.84	95.03	18.43	60.731	91.447	17.028	1.62	76.84
2.40	0.24	77.79	95.27	18.59	59.894	91.593	17.125	1.65	77.79
2.41	0.24	78.74	95.52	18.74	59.063	91.737	17.222	1.67	78.74
2.42	0.24	79.68	95.76	18.89	58.237	91.878	17.318	1.70	79.68
2.43	0.24	80.62	96.00	19.05	57.418	92.017	17.413	1.73	80.62
2.44	0.24	81.55	96.24	19.21	56.608	92.153	17.508	1.76	81.55
2.45	0.24	82.48	96.48	19.36	55.808	92.287	17.602	1.78	82.48
2.46	0.24	83.41	96.72	19.52	55.020	92.418	17.696	1.81	83.41
2.47	0.24	84.33	96.96	19.68	54.244	92.548	17.789	1.84	84.33
2.48	0.24	85.25	97.20	19.84	53.483	92.676	17.882	1.86	85.25
2.49	0.24	86.17	97.43	20.00	52.736	92.801	17.974	1.88	86.17
2.50	0.24	87.08	97.67	20.17	52.007	92.924	18.066	1.91	87.08
2.51	0.24	87.99	97.91	20.33	51.296	93.045	18.156	1.93	87.99
2.52	0.24	88.89	98.14	20.49	50.604	93.164	18.247	1.95	88.89
2.53	0.23	89.79	98.38	20.66	49.934	93.281	18.337	1.97	89.79
2.54	0.23	90.69	98.61	20.82	49.341	93.396	18.426	1.99	90.69
2.55	0.23	91.58	98.84	20.99	48.686	93.509	18.515	2.01	91.58
2.56	0.23	92.47	99.08	21.16	48.037	93.621	18.603	2.03	92.47
2.57	0.23	93.36	99.31	21.33	47.393	93.731	18.691	2.05	93.36
2.58	0.23	94.24	99.54	21.50	46.754	93.839	18.778	2.07	94.24
2.59	0.23	95.12	99.77	21.67	46.120	93.946	18.864	2.09	95.12
2.60	0.23	96.00	100.00	21.84	45.492	94.050	18.950	2.11	96.00

RELATIVE WT %	84.41	CLEAN COAL ASH %	18.95	REFUSE ASH %	67.50
HEAD ASH %	21.84	CLEAN COAL YIELD%	94.05	REFUSE YIELD%	5.95
RAW COAL TON.	129.683792	CLEAN COAL TON.	121.967880	REFUSE TON.	7.715912
THEO. YIELD	95.85	ECART PROB. MOYEN	0.4142		
SG OF SEPARATION	2.424	IMPERFECTION	0.271		
NEAR GRAVITY MAT	4.841				
ORGANIC EFFCY.	98.13				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY EQUIPEMENT WOC2 SG-ASH 19.00 EP 0.341 SG 1.88

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.14 ASH% - 0.0

SG-TNE	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.220	0.0	0.010	0.0	0.01
1.24	0.32	0.05	0.32	0.05	99.165	0.319	0.046	0.02	0.05
1.25	0.32	0.08	0.64	0.06	99.109	0.634	0.064	0.02	0.08
1.26	0.31	0.12	0.95	0.08	99.052	0.945	0.082	0.02	0.12
1.27	0.31	0.27	1.26	0.13	98.841	1.251	0.129	0.02	0.27
1.28	0.30	0.56	1.56	0.21	98.879	1.550	0.209	0.02	0.55
1.29	0.30	0.82	1.86	0.31	98.815	1.841	0.305	0.02	0.82
1.30	0.29	1.08	2.15	0.41	98.747	2.124	0.409	0.02	1.08
1.31	0.30	1.08	2.44	0.49	98.676	2.416	0.491	0.02	1.08
1.32	0.29	1.08	2.73	0.55	98.601	2.703	0.553	0.02	1.08
1.33	0.29	1.51	3.02	0.64	98.520	2.987	0.644	0.02	1.51
1.34	0.25	2.34	3.27	0.77	98.435	3.230	0.772	0.02	2.34
1.35	0.25	3.18	3.52	0.94	98.344	3.475	0.941	0.02	3.18
1.36	0.16	3.85	3.68	1.07	98.247	3.632	1.067	0.02	3.85
1.37	0.15	4.52	3.82	1.20	98.143	3.776	1.198	0.02	4.52
1.38	0.15	4.85	3.97	1.34	98.033	3.922	1.335	0.02	4.85
1.39	0.39	4.85	4.36	1.65	97.914	4.299	1.644	0.05	4.85
1.40	0.47	4.85	4.83	1.96	97.788	4.761	1.955	0.06	4.85
1.41	3.62	4.85	8.45	3.20	97.653	8.295	3.190	0.48	4.85
1.42	8.12	4.85	16.57	4.01	97.509	16.211	4.003	1.14	4.85
1.43	10.60	5.15	27.16	4.46	97.356	26.528	4.450	1.57	5.15
1.44	0.17	5.75	27.34	4.47	97.192	26.695	4.459	0.03	5.75
1.45	0.15	6.34	27.48	4.48	97.019	26.838	4.469	0.02	6.34
1.46	4.38	6.71	31.87	4.78	96.834	31.081	4.775	0.78	6.71
1.47	4.48	7.08	36.35	5.07	96.638	35.413	5.057	0.85	7.08
1.48	4.33	8.06	40.68	5.39	96.430	39.591	5.374	0.87	8.06
1.49	3.93	9.65	44.61	5.76	96.209	43.372	5.746	0.84	9.65
1.50	3.28	11.22	47.89	6.13	95.976	46.617	6.116	0.74	11.22
1.51	2.47	12.38	50.36	6.44	95.742	48.881	6.419	0.59	12.38
1.52	1.82	13.54	52.17	6.69	95.450	50.614	6.663	0.46	13.54
1.53	1.37	14.43	53.54	6.89	95.130	51.918	6.858	0.37	14.43
1.54	1.13	15.06	54.68	7.05	94.789	52.992	7.024	0.33	15.06
1.55	1.10	15.68	55.78	7.23	94.435	54.034	7.191	0.35	15.68
1.56	1.18	16.21	56.96	7.41	94.075	55.146	7.373	0.39	16.21
1.57	1.19	16.73	58.16	7.60	93.714	56.264	7.559	0.42	16.73
1.58	1.15	17.37	59.31	7.79	93.405	57.341	7.743	0.43	17.37
1.59	1.06	18.12	60.37	7.97	93.072	58.329	7.919	0.41	18.12
1.60	0.92	18.86	61.29	8.14	92.731	59.182	8.077	0.38	18.86
1.61	0.82	19.24	62.11	8.28	92.362	59.937	8.217	0.35	19.24
1.62	0.79	19.61	62.90	8.43	91.944	60.663	8.354	0.36	19.61
1.63	0.76	20.32	63.66	8.57	91.458	61.358	8.489	0.36	20.32
1.64	0.73	21.37	64.38	8.71	90.876	62.018	8.626	0.37	21.37
1.65	0.69	22.42	65.07	8.86	90.374	62.644	8.764	0.37	22.42
1.66	0.67	22.94	65.75	9.00	89.721	63.245	8.899	0.39	22.94
1.67	0.66	23.46	66.40	9.15	89.044	63.832	9.033	0.41	23.46
1.68	0.64	24.23	67.04	9.29	88.350	64.396	9.166	0.42	24.23
1.69	0.61	25.25	67.65	9.43	87.644	64.927	9.297	0.42	25.25
1.70	0.57	26.26	68.21	9.57	86.932	65.419	9.425	0.42	26.26
1.71	0.53	26.93	68.75	9.71	86.220	65.879	9.547	0.41	26.93
1.72	0.52	27.59	69.26	9.84	85.512	66.320	9.667	0.42	27.59

1.73	0.50	28.25	69.76	9.97	84.815	66.741	9.784	0.42	28.25
1.74	0.48	28.91	70.24	10.10	84.134	67.141	9.898	0.42	28.91
1.75	0.46	29.56	70.69	10.22	83.336	67.521	10.009	0.43	29.56
1.76	0.43	30.64	71.13	10.35	82.677	67.879	10.118	0.42	30.64
1.77	0.41	31.71	71.54	10.47	82.023	68.217	10.225	0.42	31.71
1.78	0.39	32.77	71.92	10.59	81.372	68.533	10.329	0.41	32.77
1.79	0.36	33.83	72.29	10.71	80.722	68.826	10.429	0.39	33.83
1.80	0.34	34.89	72.63	10.82	80.074	69.098	10.525	0.38	34.89
1.81	0.32	35.77	72.94	10.93	79.426	69.348	10.616	0.36	35.77
1.82	0.30	36.65	73.24	11.03	78.776	69.582	10.704	0.35	36.65
1.83	0.28	37.52	73.52	11.14	78.125	69.802	10.788	0.35	37.52
1.84	0.27	38.39	73.79	11.24	77.470	70.014	10.872	0.35	38.39
1.85	0.27	39.25	74.06	11.34	76.810	70.221	10.955	0.35	39.25
1.86	0.27	40.29	74.33	11.44	76.146	70.426	11.041	0.36	40.29
1.87	0.28	41.32	74.61	11.55	75.474	70.633	11.130	0.38	41.32
1.88	0.29	42.35	74.89	11.67	74.796	70.847	11.224	0.40	42.35
1.89	0.30	43.37	75.19	11.80	74.306	71.070	11.325	0.43	43.37
1.90	0.32	44.38	75.51	11.94	73.587	71.306	11.434	0.48	44.38
1.91	0.33	45.28	75.85	12.08	72.844	71.548	11.549	0.51	45.28
1.92	0.33	46.17	76.18	12.23	72.080	71.788	11.664	0.52	46.17
1.93	0.33	47.06	76.51	12.38	71.297	72.025	11.781	0.54	47.06
1.94	0.33	47.94	76.85	12.54	70.498	72.260	11.898	0.55	47.94
1.95	0.33	48.82	77.18	12.69	69.683	72.492	12.017	0.57	48.82
1.96	0.33	49.70	77.51	12.85	68.855	72.721	12.136	0.58	49.70
1.97	0.33	50.57	77.85	13.01	68.017	72.948	12.255	0.60	50.57
1.98	0.33	51.43	78.18	13.18	67.171	73.172	12.375	0.62	51.43
1.99	0.33	52.29	78.51	13.34	66.318	73.394	12.496	0.63	52.29
2.00	0.33	53.15	78.85	13.51	65.461	73.613	12.616	0.65	53.15
2.01	0.33	54.00	79.18	13.68	64.602	73.829	12.737	0.66	54.00
2.02	0.33	54.85	79.52	13.86	63.742	74.042	12.859	0.68	54.85
2.03	0.34	55.69	79.85	14.03	63.115	74.254	12.981	0.69	55.69
2.04	0.34	56.53	80.19	14.21	62.183	74.462	13.103	0.71	56.53
2.05	0.34	57.37	80.52	14.39	61.214	74.668	13.225	0.73	57.37
2.06	0.34	58.20	80.86	14.57	60.216	74.870	13.346	0.75	58.20
2.07	0.34	59.03	81.20	14.76	59.200	75.070	13.468	0.77	59.03
2.08	0.34	59.85	81.53	14.94	58.173	75.266	13.589	0.79	59.85
2.09	0.34	60.67	81.87	15.13	57.146	75.459	13.709	0.81	60.67
2.10	0.34	61.49	82.21	15.32	56.127	75.648	13.829	0.83	61.49
2.11	0.34	62.30	82.55	15.51	55.125	75.835	13.948	0.85	62.30
2.12	0.34	63.11	82.89	15.71	54.150	76.018	14.066	0.87	63.11
2.13	0.34	63.91	83.22	15.91	53.210	76.199	14.184	0.89	63.91
2.14	0.34	64.71	83.56	16.10	52.316	76.376	14.302	0.91	64.71
2.15	0.34	65.51	83.90	16.30	51.475	76.551	14.419	0.93	65.51
2.16	0.34	66.30	84.24	16.51	50.244	76.723	14.535	0.95	66.30
2.17	0.34	67.09	84.59	16.71	49.515	76.892	14.651	0.97	67.09
2.18	0.34	67.88	84.93	16.92	48.808	77.058	14.766	0.98	67.88
2.19	0.34	68.66	85.27	17.12	48.116	77.223	14.881	1.00	68.66
2.20	0.34	69.44	85.61	17.32	47.434	77.386	14.995	1.01	69.44
2.21	0.34	70.22	85.96	17.55	46.756	77.546	15.110	1.03	70.22
2.22	0.34	70.99	86.30	17.76	46.077	77.705	15.224	1.04	70.99
2.23	0.34	71.76	86.65	17.97	45.390	77.862	15.338	1.06	71.76
2.24	0.35	72.52	86.99	18.19	44.690	78.016	15.451	1.07	72.52
2.25	0.35	73.28	87.34	18.41	43.970	78.168	15.563	1.09	73.28
2.26	0.35	73.98	87.68	18.63	43.226	78.318	15.675	1.11	73.98
2.27	0.35	74.67	88.03	18.85	43.002	78.468	15.788	1.11	74.67
2.28	0.35	75.36	88.38	19.07	42.239	78.615	15.899	1.13	75.36
2.29	0.35	76.05	88.73	19.30	41.464	78.759	16.010	1.15	76.05
2.30	0.35	76.74	89.08	19.52	40.684	78.902	16.119	1.16	76.74
2.31	0.35	77.42	89.43	19.75	39.902	79.042	16.228	1.18	77.42
2.32	0.35	78.10	89.78	19.98	39.124	79.179	16.335	1.20	78.10
2.33	0.35	78.77	90.13	20.21	38.354	79.314	16.441	1.22	78.77
2.34	0.35	79.45	90.49	20.44	37.596	79.447	16.547	1.24	79.45

2.35	[illegible]5	80.12	90.84	20.67	36.857	79.577	16.651	[illegible]25	80.12
2.36	0.35	80.78	91.19	20.90	36.140	79.705	16.754	1.27	80.78
2.37	0.36	81.45	91.55	21.14	35.313	79.831	16.855	1.29	81.45
2.38	0.36	82.11	91.91	21.38	34.647	79.954	16.956	1.31	82.11
2.39	0.36	82.77	92.26	21.61	34.000	80.076	17.056	1.32	82.77
2.40	0.36	83.42	92.62	21.85	33.370	80.195	17.155	1.34	83.42
2.41	0.36	84.08	92.98	22.09	32.756	80.313	17.253	1.36	84.08
2.42	0.36	84.73	93.34	22.33	32.154	80.429	17.350	1.37	84.73
2.43	0.36	85.38	93.70	22.58	31.564	80.543	17.446	1.39	85.38
2.44	0.36	86.02	94.06	22.82	30.983	80.655	17.542	1.40	86.02
2.45	0.36	86.66	94.43	23.07	30.409	80.765	17.636	1.42	86.66
2.46	0.36	87.30	94.79	23.31	29.841	80.874	17.730	1.43	87.30
2.47	0.36	87.94	95.16	23.56	29.275	80.981	17.822	1.45	87.94
2.48	0.37	88.58	95.52	23.81	28.711	81.086	17.914	1.46	88.58
2.49	0.37	89.21	95.89	24.06	28.147	81.189	18.005	1.48	89.21
2.50	0.37	89.84	96.26	24.31	27.180	81.289	18.093	1.51	89.84
2.51	0.37	90.46	96.63	24.56	26.606	81.387	18.180	1.52	90.46
2.52	0.37	91.09	97.00	24.82	26.032	81.484	18.267	1.54	91.09
2.53	0.37	91.71	97.37	25.07	25.458	81.578	18.352	1.55	91.71
2.54	0.37	92.33	97.74	25.33	24.887	81.671	18.436	1.57	92.33
2.55	0.37	92.95	98.11	25.59	24.321	81.762	18.519	1.59	92.95
2.56	0.37	93.56	98.49	25.85	23.762	81.851	18.600	1.60	93.56
2.57	0.38	94.18	98.86	26.11	23.212	81.938	18.681	1.62	94.18
2.58	0.38	94.79	99.24	26.37	22.673	82.024	18.760	1.64	94.79
2.59	0.38	95.39	99.62	26.63	22.147	82.107	18.838	1.65	95.39
2.60	0.38	96.00	100.00	26.89	21.636	82.190	18.916	1.67	96.00

RELATIVE WT %	10.14	CLEAN COAL ASH %	18.92	REFUSE ASH %	63.71
HEAD ASH %	26.89	CLEAN COAL YIELD%	82.19	REFUSE YIELD%	17.81
RAW COAL TON.	19.584793	CLEAN COAL TON.	12.809084	REFUSE TON.	2.775709
THEO. YIELD	88.14	ECART PROB. MOYEN	0.3414		
SG OF SEPARATION	2.273	IMPERFECTION	0.388		
NEAR GRAVITY MAT	6.968				
ORGANIC EFFCY.	93.26				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY EQUIPEMENT FRTH SG-ASH 19.00 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.45 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	67.87	19.35	67.87	19.35					
45.00	4.88	37.45	72.75	20.56					
60.00	2.47	54.19	75.22	21.66					
90.00	3.37	59.18	78.58	23.27					
120.00	1.99	70.83	80.58	24.45					
300.00	19.42	76.35	100.00	34.53					

RELATIVE WT % 5.45 CLEAN COAL ASH % 19.00 REFUSE ASH % 83.07
HEAD ASH % 34.53 CLEAN COAL YIELD% 75.76 REFUSE YIELD% 24.24
RAW COAL TON. 8.371398 CLEAN COAL TON. 6.342473 REFUSE TON. 2.028925

Yield Table

Blended Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : BLEND SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN LO

MINE PERIOD : PROPERTY

FRACTION SIZE (MM)	10.00 0.60	0.60 0.15	0.15 0.0	
EQUIPMENT	JIG	WOC2	FRTH	
RELATIVE WEIGHT %	84.41	10.14	5.45	100.00
HEAD ASH %	21.84	26.89	34.53	23.04
RAW COAL TONNAGE	129.683792	15.584793	8.371398	153.639969
CLEAN COAL ASH %	18.95	18.92	19.00	18.95
CLEAN COAL YIELD	94.05	82.19	75.76	91.85
CLEAN COAL TONNAGE	121.967880	12.809084	6.342473	141.119431
THEORETICAL YIELD	95.85	88.14	0.0	
THEO. CUTPOINT	2.424	2.27	0.0	
NEAR GRAVITY MATERIAL	4.841	6.968	0.0	
ORGANIC EFFICIENCY	98.13	93.25	0.0	
ECART PROBABLE MOYEN	0.4142	0.341	0.0	
IMPERFECTION	0.271	0.388	0.0	
REFUSE ASH	67.50	63.71	83.07	69.18
REFUSE YIELD	5.95	17.81	24.24	8.15
REFUSE TONNAGE	7.715912	2.775709	2.028925	12.520546

**** COMPLETED PROCESS 2 ****

Washability Data

Individual Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 30 WID: WA1 EQUIPE JIG SG-ASH 19.00 EP 0.414 SG 2.53
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 87.18 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TMF	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.04	0.22	0.04	0.22	100.000	0.040	0.220	0.0	0.22
1.25	0.04	0.42	0.08	0.32	100.000	0.080	0.320	0.0	0.42
1.26	0.04	0.62	0.12	0.42	100.000	0.120	0.420	0.0	0.62
1.27	0.04	0.82	0.16	0.52	100.000	0.160	0.520	0.0	0.82
1.28	0.04	1.02	0.20	0.62	100.000	0.200	0.620	0.0	1.02
1.29	0.04	1.22	0.24	0.72	100.000	0.240	0.720	0.0	1.22
1.30	0.04	1.42	0.28	0.82	100.000	0.280	0.820	0.0	1.42
1.31	0.04	1.61	0.32	0.92	100.000	0.320	0.919	0.0	1.61
1.32	0.04	1.82	0.36	1.02	100.000	0.360	1.019	0.0	1.82
1.33	0.04	2.03	0.40	1.12	100.000	0.400	1.120	0.0	2.03
1.34	0.04	2.24	0.44	1.22	100.000	0.440	1.222	0.0	2.24
1.35	0.04	2.44	0.48	1.32	100.000	0.480	1.323	0.0	2.44
1.36	0.03	2.65	0.51	1.40	100.000	0.510	1.401	0.0	2.65
1.37	0.03	2.85	0.54	1.48	100.000	0.540	1.482	0.0	2.85
1.38	0.03	3.05	0.57	1.56	99.978	0.570	1.564	0.00	3.05
1.39	0.03	3.26	0.60	1.65	99.952	0.600	1.649	0.00	3.26
1.40	0.03	3.46	0.69	1.74	99.923	0.630	1.735	0.00	3.46
1.41	5.49	3.51	6.12	3.33	99.890	6.114	3.327	0.21	3.51
1.42	7.72	3.57	13.84	3.46	99.854	13.823	3.463	0.38	3.57
1.43	9.32	3.63	23.16	3.53	99.816	23.126	3.530	0.59	3.63
1.44	10.28	3.69	33.44	3.58	99.774	33.382	3.579	0.80	3.69
1.45	10.61	3.75	44.05	3.62	99.729	43.963	3.620	0.98	3.75
1.46	10.31	5.03	54.36	3.89	99.681	54.241	3.887	1.13	5.03
1.47	9.38	6.31	63.74	4.24	99.630	63.586	4.243	1.19	6.31
1.48	7.81	7.58	71.55	4.61	99.577	71.363	4.607	1.13	7.58
1.49	5.61	8.84	77.16	4.92	99.521	76.946	4.914	0.92	8.84
1.50	2.78	10.09	79.94	5.10	99.463	79.711	5.094	0.51	10.09
1.51	1.12	11.78	81.06	5.19	99.402	80.824	5.186	0.23	11.78
1.52	1.04	13.45	82.10	5.29	99.339	81.857	5.290	0.24	13.45
1.53	0.95	15.11	83.05	5.41	99.274	82.800	5.402	0.24	15.11
1.54	0.87	16.76	83.92	5.52	99.206	83.664	5.519	0.24	16.76
1.55	0.77	18.39	84.69	5.64	99.137	84.427	5.636	0.23	18.39
1.56	0.68	19.04	85.37	5.75	99.066	85.101	5.742	0.22	19.04
1.57	0.57	19.69	85.94	5.84	98.993	85.665	5.834	0.20	19.69
1.58	0.47	20.33	86.41	5.92	98.921	86.130	5.912	0.17	20.33
1.59	0.36	20.96	86.77	5.98	98.833	86.486	5.974	0.14	20.96
1.60	0.24	21.60	87.01	6.02	98.737	86.723	6.016	0.10	21.60
1.61	0.19	22.44	87.20	6.06	98.632	86.910	6.052	0.09	22.44
1.62	0.19	23.28	87.39	6.10	98.520	87.097	6.089	0.10	23.28
1.63	0.19	24.12	87.58	6.14	98.402	87.284	6.127	0.10	24.12
1.64	0.19	24.95	87.77	6.18	98.278	87.471	6.168	0.11	24.95
1.65	0.19	25.77	87.96	6.22	98.148	87.657	6.209	0.12	25.77
1.66	0.19	26.88	88.15	6.26	98.014	87.844	6.253	0.13	26.88
1.67	0.19	27.98	88.34	6.31	97.857	88.029	6.299	0.14	27.98
1.68	0.18	29.07	88.52	6.36	97.703	88.205	6.344	0.14	29.07
1.69	0.18	30.16	88.70	6.40	97.539	88.381	6.392	0.15	30.16
1.70	0.18	31.24	88.88	6.45	97.364	88.556	6.441	0.16	31.24
1.71	0.18	32.10	89.06	6.51	97.180	88.731	6.492	0.17	32.10
1.72	0.18	32.95	89.24	6.56	96.988	88.906	6.543	19	32.95

1.73	.19	33.79	89.43	6.62	96.787	89.090	6.600	.21	33.79
1.74	0.19	34.63	89.62	6.68	96.579	89.273	6.657	0.22	34.63
1.75	0.19	35.47	89.81	6.74	96.365	89.456	6.716	0.24	35.47
1.76	0.18	35.89	89.99	6.80	96.144	89.629	6.773	0.24	35.89
1.77	0.18	36.31	90.17	6.86	95.918	89.802	6.829	0.25	36.31
1.78	0.17	36.72	90.34	6.91	95.688	89.965	6.883	0.25	36.72
1.79	0.16	37.13	90.50	6.97	95.454	90.117	6.935	0.25	37.13
1.80	0.14	37.54	90.64	7.01	95.216	90.251	6.980	0.23	37.54
1.81	0.13	37.82	90.77	7.06	94.976	90.374	7.022	0.22	37.82
1.82	0.13	38.09	90.90	7.10	94.752	90.497	7.064	0.23	38.09
1.83	0.13	38.36	91.03	7.15	94.488	90.620	7.107	0.24	38.36
1.84	0.12	38.62	91.15	7.19	94.210	90.733	7.146	0.24	38.62
1.85	0.12	38.89	91.27	7.23	93.918	90.846	7.185	0.25	38.89
1.86	0.12	39.64	91.39	7.27	93.611	90.958	7.226	0.26	39.64
1.87	0.12	40.39	91.51	7.31	93.290	91.070	7.266	0.28	40.39
1.88	0.12	41.13	91.63	7.36	92.955	91.182	7.308	0.29	41.13
1.89	0.12	41.87	91.75	7.40	92.606	91.293	7.350	0.30	41.87
1.90	0.12	42.61	91.87	7.45	92.242	91.403	7.392	0.32	42.61
1.91	0.13	43.10	92.00	7.50	91.865	91.523	7.439	0.36	43.10
1.92	0.13	43.59	92.13	7.55	91.474	91.642	7.486	0.38	43.59
1.93	0.13	44.08	92.26	7.60	91.070	91.760	7.533	0.40	44.08
1.94	0.13	44.56	92.39	7.65	90.652	91.878	7.581	0.42	44.56
1.95	0.13	45.04	92.52	7.71	90.221	91.996	7.628	0.43	45.04
1.96	0.13	45.69	92.65	7.76	89.648	92.112	7.677	0.46	45.69
1.97	0.13	46.32	92.78	7.81	89.082	92.228	7.725	0.49	46.32
1.98	0.13	46.96	92.91	7.87	88.602	92.343	7.774	0.51	46.96
1.99	0.13	47.59	93.04	7.92	88.109	92.457	7.823	0.53	47.59
2.00	0.13	48.22	93.17	7.98	87.603	92.571	7.873	0.55	48.22
2.01	0.13	48.80	93.30	8.04	87.085	92.684	7.923	0.57	48.80
2.02	0.12	49.37	93.42	8.09	86.555	92.788	7.969	0.55	49.37
2.03	0.12	49.94	93.54	8.14	86.013	92.891	8.016	0.57	49.94
2.04	0.12	50.51	93.66	8.20	85.460	92.994	8.063	0.60	50.51
2.05	0.11	51.08	93.77	8.25	84.896	93.087	8.106	0.57	51.08
2.06	0.11	51.34	93.88	8.30	84.322	93.180	8.149	0.59	51.34
2.07	0.10	51.60	93.98	8.35	83.739	93.264	8.188	0.56	51.60
2.08	0.10	51.86	94.08	8.39	83.146	93.347	8.227	0.58	51.86
2.09	0.09	52.11	94.17	8.43	82.545	93.421	8.262	0.54	52.11
2.10	0.08	52.37	94.25	8.47	81.934	93.487	8.293	0.49	52.37
2.11	0.07	52.53	94.32	8.50	81.317	93.544	8.320	0.45	52.53
2.12	0.05	52.69	94.37	8.53	80.691	93.584	8.339	0.33	52.69
2.13	0.04	52.84	94.41	8.55	80.059	93.616	8.354	0.27	52.84
2.14	0.02	53.00	94.43	8.56	79.419	93.632	8.362	0.14	53.00
2.15	0.02	53.16	94.45	8.56	78.774	93.648	8.369	0.15	53.16
2.16	0.01	53.87	94.46	8.57	78.123	93.656	8.373	0.07	53.87
2.17	0.01	54.59	94.47	8.57	77.467	93.663	8.377	0.08	54.59
2.18	0.02	55.30	94.49	8.58	76.806	93.679	8.385	0.16	55.30
2.19	0.03	56.00	94.52	8.60	76.140	93.702	8.396	0.24	56.00
2.20	0.04	56.71	94.56	8.62	75.471	93.732	8.412	0.34	56.71
2.21	0.05	57.28	94.61	8.65	74.798	93.769	8.431	0.43	57.28
2.22	0.05	57.86	94.66	8.67	74.316	93.806	8.451	0.44	57.86
2.23	0.05	58.43	94.71	8.70	73.612	93.843	8.470	0.45	58.43
2.24	0.06	59.00	94.77	8.73	72.889	93.887	8.494	0.56	59.00
2.25	0.06	59.56	94.83	8.76	72.149	93.930	8.517	0.57	59.56
2.26	0.07	60.04	94.90	8.80	71.393	93.980	8.545	0.68	60.04
2.27	0.07	60.51	94.97	8.84	70.622	94.029	8.572	0.70	60.51
2.28	0.08	60.98	95.05	8.88	69.838	94.085	8.603	0.82	60.98
2.29	0.08	61.44	95.13	8.93	69.042	94.141	8.634	0.85	61.44
2.30	0.09	61.91	95.22	8.98	68.235	94.202	8.669	0.98	61.91
2.31	0.27	61.91	95.49	9.13	67.420	94.384	8.772	3.01	61.91
2.32	0.26	61.91	95.75	9.27	66.596	94.557	8.869	2.97	61.91
2.33	0.26	61.92	96.01	9.41	65.767	94.728	8.965	3.04	61.92
2.34	0.26	61.92	96.27	9.55	64.932	94.897	9.059	3.12	61.92

2.35	0.26	61.92	96.53	9.69	64.094	95.064	9.152	3.19	61.92
2.36	0.26	61.92	96.79	9.83	63.253	95.228	9.243	3.27	61.92
2.37	0.26	61.93	97.05	9.97	62.411	95.390	9.332	3.34	61.93
2.38	0.26	61.93	97.31	10.11	61.570	95.550	9.420	3.42	61.93
2.39	0.26	61.93	97.57	10.25	60.731	95.708	9.507	3.49	61.93
2.40	0.26	61.93	97.83	10.39	59.894	95.864	9.592	3.56	61.93
2.41	0.25	61.93	98.08	10.52	59.063	96.012	9.673	3.50	61.93
2.42	0.25	61.94	98.33	10.65	58.237	96.157	9.752	3.57	61.94
2.43	0.25	61.94	98.58	10.78	57.418	96.301	9.830	3.64	61.94
2.44	0.25	61.94	98.83	10.91	56.608	96.442	9.906	3.71	61.94
2.45	0.25	61.94	99.08	11.04	55.808	96.582	9.981	3.78	61.94
2.46	0.07	64.28	99.15	11.08	55.020	96.620	10.003	1.08	64.28
2.47	0.07	66.60	99.22	11.12	54.244	96.658	10.025	1.09	66.60
2.48	0.07	68.92	99.29	11.16	53.483	96.696	10.048	1.11	68.92
2.49	0.07	71.22	99.36	11.20	52.736	96.733	10.071	1.13	71.22
2.50	0.07	73.52	99.43	11.24	52.007	96.769	10.095	1.15	73.52
2.51	0.07	75.81	99.50	11.29	51.296	96.805	10.120	1.17	75.81
2.52	0.07	78.09	99.57	11.33	50.604	96.840	10.144	1.18	78.09
2.53	0.07	80.36	99.64	11.38	49.934	96.875	10.170	1.20	80.36
2.54	0.06	82.62	99.70	11.43	49.341	96.905	10.192	1.04	82.62
2.55	0.06	84.87	99.76	11.47	48.686	96.934	10.214	1.05	84.87
2.56	0.06	87.11	99.82	11.52	48.037	96.963	10.237	1.07	87.11
2.57	0.06	89.35	99.88	11.56	47.393	96.992	10.260	1.08	89.35
2.58	0.06	91.57	99.94	11.61	46.754	97.020	10.284	1.09	91.57
2.59	0.06	93.79	100.00	11.66	46.120	97.047	10.308	1.11	93.79
2.60	0.06	96.00	100.06	11.71	45.492	97.075	10.332	1.12	96.00

HEAD ASH %	11.71	CLEAN COAL ASH %	10.33	REFUSE ASH %	57.46
THEO. YIELD	97.72	CLEAN COAL YIELD%	97.07	REFUSE YIELD%	2.93
SG OF SEPARATION	2.396	ECART PROB. MOYEN	0.4142		
NEAR GRAVITY MAT	4.218	IMPERFECTION	0.271		
ORGANIC EFFCY.	99.34				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 31 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.72 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.01	0.23	0.01	0.23	100.000	0.010	0.230	0.0	0.23
1.25	0.01	0.44	0.02	0.33	100.000	0.020	0.335	0.0	0.44
1.26	0.01	0.65	0.03	0.44	100.000	0.030	0.440	0.0	0.65
1.27	0.01	0.86	0.04	0.54	100.000	0.040	0.545	0.0	0.86
1.28	0.01	1.07	0.05	0.65	100.000	0.050	0.650	0.0	1.07
1.29	0.01	1.28	0.06	0.75	100.000	0.060	0.755	0.0	1.28
1.30	0.01	1.48	0.07	0.86	100.000	0.070	0.859	0.0	1.48
1.31	0.01	1.69	0.08	0.96	100.000	0.080	0.962	0.0	1.69
1.32	0.01	1.93	0.09	1.07	100.000	0.090	1.070	0.0	1.93
1.33	0.01	2.22	0.10	1.18	100.000	0.100	1.185	0.0	2.22
1.34	0.01	2.50	0.11	1.30	100.000	0.110	1.305	0.0	2.50
1.35	0.01	2.78	0.12	1.43	100.000	0.120	1.427	0.0	2.78
1.36	0.01	3.06	0.13	1.55	100.000	0.130	1.553	0.0	3.06
1.37	0.01	3.34	0.14	1.68	100.000	0.140	1.681	0.0	3.34
1.38	0.01	3.62	0.15	1.81	99.978	0.150	1.810	0.00	3.62
1.39	0.01	3.89	0.16	1.94	99.952	0.160	1.940	0.00	3.89
1.40	0.01	4.16	0.17	2.07	99.923	0.170	2.070	0.00	4.16
1.41	3.28	4.46	3.45	4.34	99.890	3.446	4.342	0.03	4.46
1.42	4.29	4.76	7.74	4.57	99.854	7.730	4.574	0.05	4.76
1.43	5.02	5.05	12.76	4.76	99.816	12.741	4.761	0.08	5.05
1.44	5.49	5.34	18.25	4.94	99.774	18.218	4.935	0.11	5.34
1.45	5.68	5.63	23.93	5.10	99.729	23.883	5.100	0.13	5.63
1.46	5.59	5.81	29.52	5.42	99.681	29.455	5.423	0.16	5.81
1.47	5.23	7.99	34.75	5.81	99.630	34.666	5.809	0.17	7.99
1.48	4.60	9.16	39.35	6.20	99.577	39.246	6.200	0.17	9.16
1.49	3.69	10.32	43.04	6.55	99.521	42.919	6.553	0.15	10.32
1.50	2.51	11.47	45.55	6.83	99.463	45.415	6.823	0.12	11.47
1.51	1.81	12.64	47.36	7.05	99.402	47.214	7.045	0.09	12.64
1.52	1.75	13.80	49.11	7.29	99.339	48.953	7.285	0.10	13.80
1.53	1.68	14.95	50.79	7.54	99.274	50.621	7.537	0.11	14.95
1.54	1.60	16.10	52.39	7.80	99.206	52.208	7.798	0.11	16.10
1.55	1.50	17.23	53.89	8.07	99.137	53.695	8.059	0.11	17.23
1.56	1.39	18.30	55.28	8.32	99.066	55.072	8.315	0.11	18.30
1.57	1.26	19.35	56.54	8.57	98.993	56.319	8.559	0.11	19.35
1.58	1.12	20.40	57.66	8.80	98.921	57.427	8.788	0.11	20.40
1.59	0.97	21.44	58.63	9.01	98.833	58.386	8.995	0.10	21.44
1.60	0.80	22.48	59.43	9.19	98.737	59.176	9.175	0.09	22.48
1.61	0.72	23.59	60.15	9.36	98.632	59.886	9.346	0.09	23.59
1.62	0.73	24.69	60.88	9.55	98.520	60.605	9.528	0.09	24.69
1.63	0.74	25.78	61.62	9.74	98.402	61.333	9.721	0.10	25.78
1.64	0.73	26.87	62.35	9.94	98.278	62.051	9.920	0.11	26.87
1.65	0.71	27.95	63.06	10.14	98.148	62.748	10.120	0.11	27.95
1.66	0.68	28.94	63.74	10.34	98.014	63.414	10.318	0.12	28.94
1.67	0.63	29.93	64.37	10.54	97.857	64.031	10.507	0.12	29.93
1.68	0.58	30.91	64.95	10.72	97.703	64.597	10.686	0.12	30.91
1.69	0.52	31.89	65.47	10.89	97.539	65.104	10.851	0.11	31.89
1.70	0.44	32.86	65.91	11.03	97.364	65.533	10.995	0.10	32.86
1.71	0.40	33.75	66.31	11.17	97.180	65.922	11.129	0.10	33.75
1.72	0.40	34.64	66.71	11.31	96.988	66.310	11.266	0.11	34.64

1.73	0.40	35.52	67.11	11.45	96.787	66.697	11.407	0.11	35.52
1.74	0.39	36.39	67.50	11.60	96.579	67.073	11.547	0.12	36.39
1.75	0.38	37.26	67.88	11.74	96.365	67.440	11.687	0.12	37.26
1.76	0.37	37.75	68.25	11.88	96.144	67.795	11.824	0.12	37.75
1.77	0.35	38.24	68.60	12.02	95.918	68.131	11.954	0.12	38.24
1.78	0.33	38.72	68.93	12.15	95.688	68.447	12.077	0.12	38.72
1.79	0.30	39.20	69.23	12.26	95.454	68.733	12.190	0.12	39.20
1.80	0.27	39.68	69.50	12.37	95.216	68.990	12.293	0.11	39.68
1.81	0.25	39.98	69.75	12.47	94.976	69.228	12.388	0.11	39.98
1.82	0.25	40.28	70.00	12.57	94.752	69.465	12.483	0.11	40.28
1.83	0.25	40.59	70.25	12.67	94.488	69.701	12.578	0.12	40.59
1.84	0.25	40.89	70.50	12.77	94.210	69.936	12.674	0.13	40.89
1.85	0.24	41.18	70.74	12.86	93.918	70.162	12.765	0.13	41.18
1.86	0.24	42.17	70.98	12.96	93.611	70.386	12.859	0.13	42.17
1.87	0.23	43.14	71.21	13.06	93.290	70.601	12.951	0.13	43.14
1.88	0.23	44.11	71.44	13.16	92.955	70.815	13.045	0.14	44.11
1.89	0.22	45.08	71.66	13.26	92.606	71.018	13.137	0.14	45.08
1.90	0.22	46.04	71.88	13.36	92.242	71.221	13.231	0.15	46.04
1.91	0.22	46.90	72.10	13.46	91.865	71.423	13.326	0.16	46.90
1.92	0.22	47.75	72.32	13.57	91.474	71.625	13.423	0.16	47.75
1.93	0.23	48.60	72.55	13.68	91.070	71.834	13.525	0.18	48.60
1.94	0.22	49.45	72.77	13.78	90.652	72.034	13.625	0.18	49.45
1.95	0.22	50.29	72.99	13.89	90.221	72.232	13.726	0.19	50.29
1.96	0.21	50.59	73.20	14.00	89.548	72.420	13.821	0.19	50.59
1.97	0.20	50.88	73.40	14.10	89.082	72.598	13.912	0.19	50.88
1.98	0.18	51.17	73.58	14.19	88.602	72.758	13.994	0.18	51.17
1.99	0.16	51.47	73.74	14.27	88.109	72.899	14.066	0.17	51.47
2.00	0.14	51.76	73.88	14.34	87.603	73.021	14.130	0.15	51.76
2.01	0.13	51.92	74.01	14.41	87.085	73.135	14.188	0.15	51.92
2.02	0.13	52.08	74.14	14.47	86.555	73.247	14.246	0.15	52.08
2.03	0.13	52.23	74.27	14.54	86.013	73.359	14.304	0.16	52.23
2.04	0.13	52.39	74.40	14.61	85.460	73.470	14.362	0.16	52.39
2.05	0.13	52.55	74.53	14.67	84.896	73.580	14.419	0.17	52.55
2.06	0.13	53.50	74.66	14.74	84.322	73.690	14.477	0.18	53.50
2.07	0.13	54.44	74.79	14.81	83.739	73.799	14.536	0.18	54.44
2.08	0.13	55.38	74.92	14.88	83.146	73.907	14.596	0.19	55.38
2.09	0.13	56.32	75.05	14.95	82.545	74.014	14.656	0.20	56.32
2.10	0.13	57.25	75.18	15.03	81.934	74.121	14.718	0.20	57.25
2.11	0.13	57.95	75.31	15.10	81.317	74.227	14.779	0.21	57.95
2.12	0.13	58.64	75.44	15.17	80.691	74.331	14.841	0.22	58.64
2.13	0.13	59.32	75.57	15.25	80.059	74.435	14.903	0.23	59.32
2.14	0.13	60.01	75.70	15.33	79.419	74.539	14.966	0.23	60.01
2.15	0.13	60.69	75.83	15.40	78.774	74.641	15.029	0.24	60.69
2.16	0.13	61.20	75.96	15.48	78.123	74.743	15.091	0.25	61.20
2.17	0.13	61.71	76.09	15.56	77.467	74.843	15.154	0.26	61.71
2.18	0.13	62.21	76.22	15.64	76.806	74.943	15.217	0.26	62.21
2.19	0.13	62.72	76.35	15.72	76.140	75.042	15.279	0.27	62.72
2.20	0.13	63.22	76.48	15.80	75.471	75.140	15.342	0.28	63.22
2.21	0.13	63.52	76.61	15.88	74.798	75.238	15.404	0.29	63.52
2.22	0.13	63.83	76.74	15.96	74.316	75.334	15.466	0.29	63.83
2.23	0.13	64.13	76.87	16.05	73.612	75.430	15.528	0.30	64.13
2.24	0.14	64.44	77.01	16.13	72.889	75.532	15.594	0.33	64.44
2.25	0.14	64.74	77.15	16.22	72.149	75.633	15.660	0.34	64.74
2.26	0.14	65.90	77.29	16.31	71.393	75.733	15.726	0.35	65.90
2.27	0.14	67.05	77.43	16.40	70.622	75.832	15.793	0.36	67.05
2.28	0.14	68.20	77.57	16.50	69.838	75.930	15.860	0.37	68.20
2.29	0.15	69.34	77.72	16.60	69.042	76.033	15.933	0.40	69.34
2.30	0.15	70.48	77.87	16.70	68.235	76.135	16.007	0.42	70.48
2.31	0.78	71.32	78.65	17.25	67.420	78.661	16.386	2.22	71.32
2.32	0.78	72.16	79.43	17.78	66.596	77.181	16.761	2.27	72.16
2.33	.78	73.00	80.21	18.32	65.767	77.694	17.133	33	73.00
2.34	.77	73.84	80.98	18.85	64.932	78.194	17.495	35	73.84

2.35	0.77	74.67	81.75	19.38	64.094	78.687	17.854	2.41	74.67
2.36	0.77	75.50	82.52	19.90	63.253	79.174	18.209	2.47	75.50
2.37	0.76	76.32	83.28	20.41	62.411	79.649	18.555	2.49	76.32
2.38	0.76	77.14	84.04	20.93	61.570	80.117	18.897	2.55	77.14
2.39	0.76	77.96	84.80	21.44	60.731	80.578	19.235	2.60	77.96
2.40	0.75	78.77	85.55	21.94	58.894	81.027	19.565	2.62	78.77
2.41	0.75	79.58	86.30	22.44	59.063	81.470	19.892	2.68	79.58
2.42	0.75	80.39	87.05	22.94	58.237	81.907	20.214	2.73	80.39
2.43	0.74	81.19	87.79	23.43	57.418	82.332	20.529	2.75	81.19
2.44	0.74	82.00	88.53	23.92	56.606	82.751	20.840	2.80	82.00
2.45	0.74	82.79	89.27	24.41	55.808	83.164	21.148	2.85	82.79
2.46	0.73	83.70	90.00	24.89	55.020	83.565	21.448	2.86	83.70
2.47	0.73	84.60	90.73	25.37	54.244	83.961	21.746	2.91	84.60
2.48	0.73	85.50	91.46	25.85	53.483	84.352	22.041	2.96	85.50
2.49	0.73	86.39	92.19	26.33	52.736	84.737	22.334	3.01	86.39
2.50	0.72	87.28	92.91	26.80	52.007	85.111	22.619	3.01	87.28
2.51	0.72	88.17	93.63	27.27	51.296	85.481	22.903	3.06	88.17
2.52	0.72	89.05	94.35	27.75	50.604	85.845	23.183	3.10	89.05
2.53	0.71	89.93	95.06	28.21	49.934	86.200	23.458	3.10	89.93
2.54	0.71	90.81	95.77	28.67	49.341	86.550	23.731	3.14	90.81
2.55	0.71	91.68	96.48	29.14	48.686	86.896	24.001	3.18	91.68
2.56	0.71	92.55	97.19	29.60	48.037	87.237	24.269	3.22	92.55
2.57	0.70	93.42	97.89	30.06	47.393	87.568	24.531	3.21	93.42
2.58	0.70	94.28	98.59	30.51	46.754	87.896	24.791	3.25	94.28
2.59	0.70	95.14	99.29	30.97	46.120	88.218	25.048	3.29	95.14
2.60	0.69	96.00	99.98	31.42	45.492	88.532	25.300	3.28	96.00

		CLEAN COAL ASH %	25.30	REFUSE ASH %	78.65
HEAD ASH %	31.42	CLEAN COAL YIELD%	88.63	REFUSE YIELD%	11.47
THEO. YIELD	90.62	ECART PROB. MOYEN	0.4142		
SG OF SEPARATION	2.469	IMPERFECTION	0.271		
NEAR GRAVITY MAT	14.619				
ORGANIC EFFCY.	97.69				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 32 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 89.22 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.11	0.12	0.11	0.12	100.000	0.110	0.120	0.0	0.12
1.25	0.11	0.22	0.22	0.17	100.000	0.220	0.170	0.0	0.22
1.26	0.11	0.33	0.33	0.22	100.000	0.330	0.223	0.0	0.33
1.27	0.11	0.43	0.44	0.27	100.000	0.440	0.275	0.0	0.43
1.28	0.11	0.54	0.55	0.33	100.000	0.550	0.328	0.0	0.54
1.29	0.11	0.64	0.66	0.38	100.000	0.660	0.380	0.0	0.64
1.30	0.10	0.74	0.76	0.43	100.000	0.760	0.427	0.0	0.74
1.31	0.10	0.85	0.86	0.48	100.000	0.860	0.477	0.0	0.85
1.32	0.10	1.19	0.96	0.55	100.000	0.960	0.551	0.0	1.19
1.33	0.10	1.78	1.06	0.67	100.000	1.060	0.667	0.0	1.78
1.34	0.10	2.37	1.16	0.81	100.000	1.160	0.814	0.0	2.37
1.35	0.10	2.95	1.26	0.98	100.000	1.260	0.983	0.0	2.95
1.36	0.10	3.53	1.36	1.17	100.000	1.360	1.170	0.0	3.53
1.37	0.10	4.11	1.46	1.37	100.000	1.460	1.372	0.0	4.11
1.38	0.10	4.68	1.56	1.58	99.978	1.560	1.584	0.00	4.68
1.39	0.10	5.24	1.66	1.80	99.952	1.660	1.804	0.00	5.24
1.40	0.10	5.80	1.76	2.03	99.923	1.760	2.031	0.00	5.80
1.41	3.75	6.24	5.51	4.90	99.890	5.506	4.895	0.09	6.24
1.42	4.45	6.67	9.96	5.69	99.854	9.949	5.688	0.14	6.67
1.43	4.97	7.11	14.93	6.16	99.816	14.910	6.161	0.19	7.11
1.44	5.32	7.53	20.25	6.52	99.774	20.218	6.520	0.25	7.53
1.45	5.49	7.96	25.74	6.83	99.729	25.693	6.827	0.31	7.96
1.46	5.50	8.78	31.24	7.17	99.681	31.176	7.171	0.37	8.78
1.47	5.32	9.59	36.56	7.52	99.630	36.476	7.522	0.41	9.59
1.48	4.98	10.40	41.54	7.87	99.577	41.435	7.867	0.44	10.40
1.49	4.46	11.20	46.00	8.19	99.521	45.873	8.189	0.45	11.20
1.50	3.77	11.99	49.77	8.48	99.463	49.623	8.476	0.42	11.99
1.51	3.42	12.73	53.19	8.75	99.402	53.023	8.749	0.43	12.73
1.52	3.47	13.46	56.66	9.04	99.339	56.470	9.037	0.48	13.46
1.53	3.44	14.19	60.10	9.34	99.274	59.885	9.330	0.52	14.19
1.54	3.34	14.92	63.44	9.63	99.206	63.198	9.624	0.55	14.92
1.55	3.15	15.63	66.59	9.91	99.137	66.321	9.906	0.57	15.63
1.56	2.88	16.21	69.47	10.17	99.066	69.174	10.166	0.56	16.21
1.57	2.53	16.78	72.00	10.41	98.993	71.679	10.397	0.53	16.78
1.58	2.10	17.35	74.10	10.60	98.921	73.756	10.593	0.47	17.35
1.59	1.59	17.92	75.69	10.76	98.833	75.328	10.746	0.39	17.92
1.60	0.99	18.48	76.68	10.86	98.737	76.305	10.845	0.26	18.48
1.61	0.65	19.14	77.33	10.93	98.632	76.946	10.914	0.19	19.14
1.62	0.62	19.81	77.95	11.00	98.520	77.557	10.984	0.19	19.81
1.63	0.58	20.46	78.53	11.07	98.402	78.128	11.054	0.18	20.46
1.64	0.54	21.12	79.07	11.14	98.278	78.658	11.121	0.19	21.12
1.65	0.51	21.77	79.58	11.20	98.148	79.159	11.189	0.20	21.77
1.66	0.47	22.41	80.05	11.27	98.014	79.620	11.254	0.19	22.41
1.67	0.44	23.04	80.49	11.33	97.857	80.050	11.317	0.20	23.04
1.68	0.40	23.68	80.89	11.39	97.703	80.441	11.377	0.19	23.68
1.69	0.36	24.31	81.25	11.45	97.539	80.792	11.433	0.18	24.31
1.70	0.33	24.93	81.58	11.51	97.364	81.113	11.487	0.18	24.93
1.71	0.32	25.57	81.90	11.56	97.180	81.424	11.541	0.19	25.57
1.72	0.33	26.21	82.23	11.62	96.988	81.744	11.598	0.21	26.21

1.73	0.33	26.84	82.56	11.68	96.787	82.064	11.657	0.22	26.84
1.74	0.33	27.47	82.89	11.74	96.579	82.383	11.719	0.24	27.47
1.75	0.33	28.10	83.22	11.81	96.365	82.701	11.782	0.25	28.10
1.76	0.32	28.73	83.54	11.87	96.144	83.008	11.844	0.26	28.73
1.77	0.30	29.35	83.84	11.94	95.918	83.296	11.905	0.26	29.35
1.78	0.28	29.98	84.12	12.00	95.688	83.564	11.963	0.25	29.98
1.79	0.25	30.60	84.37	12.05	95.454	83.803	12.016	0.24	30.60
1.80	0.21	31.21	84.58	12.10	95.216	84.003	12.062	0.21	31.21
1.81	0.19	31.81	84.77	12.14	94.976	84.183	12.104	0.20	31.81
1.82	0.19	32.40	84.96	12.19	94.752	84.363	12.147	0.21	32.40
1.83	0.19	32.99	85.15	12.23	94.488	84.543	12.191	0.22	32.99
1.84	0.18	33.58	85.33	12.28	94.210	84.712	12.234	0.22	33.58
1.85	0.18	34.16	85.51	12.33	93.918	84.881	12.278	0.23	34.16
1.86	0.18	34.27	85.69	12.37	93.611	85.050	12.322	0.24	34.27
1.87	0.17	34.37	85.86	12.42	93.290	85.208	12.363	0.24	34.37
1.88	0.17	34.48	86.03	12.46	92.955	85.366	12.403	0.25	34.48
1.89	0.17	34.59	86.20	12.50	92.606	85.524	12.444	0.26	34.59
1.90	0.16	34.69	86.36	12.54	92.242	85.671	12.483	0.26	34.69
1.91	0.18	34.69	86.54	12.59	91.865	85.837	12.525	0.31	34.69
1.92	0.17	34.69	86.71	12.63	91.474	85.992	12.566	0.30	34.69
1.93	0.17	34.69	86.88	12.68	91.070	86.147	12.605	0.32	34.69
1.94	0.16	34.69	87.04	12.72	90.652	86.292	12.642	0.31	34.69
1.95	0.16	34.69	87.20	12.76	90.221	86.436	12.679	0.33	34.69
1.96	0.12	35.16	87.32	12.79	89.548	86.544	12.707	0.26	35.16
1.97	0.13	35.62	87.45	12.82	89.082	86.660	12.738	0.30	35.62
1.98	0.13	36.07	87.58	12.86	88.602	86.775	12.769	0.31	36.07
1.99	0.13	36.53	87.71	12.89	88.109	86.889	12.800	0.32	36.53
2.00	0.14	36.98	87.85	12.93	87.603	87.012	12.834	0.36	36.98
2.01	0.18	37.15	88.03	12.98	87.085	87.169	12.878	0.48	37.15
2.02	0.21	37.31	88.24	13.04	86.555	87.351	12.929	0.59	37.31
2.03	0.24	37.47	88.48	13.10	86.013	87.557	12.987	0.70	37.47
2.04	0.25	37.63	88.73	13.17	85.460	87.771	13.047	0.76	37.63
2.05	0.26	37.79	88.99	13.24	84.896	87.991	13.109	0.82	37.79
2.06	0.26	38.91	89.25	13.32	84.322	88.211	13.173	0.85	38.91
2.07	0.26	40.02	89.51	13.40	83.739	88.428	13.239	0.88	40.02
2.08	0.24	41.13	89.75	13.47	83.146	88.628	13.302	0.84	41.13
2.09	0.22	42.23	89.97	13.54	82.545	88.809	13.361	0.80	42.23
2.10	0.19	43.33	90.16	13.60	81.934	88.965	13.413	0.72	43.33
2.11	0.12	44.29	90.28	13.65	81.317	89.063	13.447	0.47	44.29
2.12	0.07	45.24	90.35	13.67	80.691	89.119	13.467	0.28	45.24
2.13	0.04	46.19	90.39	13.68	80.059	89.151	13.479	0.17	46.19
2.14	0.02	47.14	90.41	13.69	79.419	89.167	13.485	0.09	47.14
2.15	0.01	48.08	90.42	13.70	78.774	89.175	13.488	0.04	48.08
2.16	0.02	48.08	90.44	13.70	78.123	89.191	13.494	0.09	48.08
2.17	0.04	48.08	90.48	13.72	77.467	89.222	13.506	0.19	48.08
2.18	0.06	48.08	90.56	13.75	76.806	89.283	13.530	0.39	48.08
2.19	0.13	48.08	90.69	13.80	76.140	89.382	13.568	0.65	48.08
2.20	0.20	48.08	90.89	13.87	75.471	89.539	13.626	1.02	48.08
2.21	0.22	48.12	91.11	13.96	74.798	89.697	13.690	1.16	48.12
2.22	0.22	48.16	91.33	14.04	74.316	89.861	13.752	1.18	48.16
2.23	0.22	48.20	91.55	14.12	73.612	90.023	13.814	1.21	48.20
2.24	0.22	48.23	91.77	14.20	72.889	90.183	13.875	1.24	48.23
2.25	0.22	48.27	91.99	14.28	72.149	90.342	13.936	1.28	48.27
2.26	0.22	48.59	92.21	14.37	71.393	90.499	13.996	1.31	48.59
2.27	0.23	48.92	92.44	14.45	70.622	90.662	14.059	1.41	48.92
2.28	0.23	49.24	92.67	14.54	69.838	90.822	14.121	1.45	49.24
2.29	0.23	49.56	92.90	14.62	69.042	90.981	14.183	1.48	49.56
2.30	0.23	49.88	93.13	14.71	68.235	91.138	14.244	1.52	49.88
2.31	0.36	49.88	93.49	14.85	67.420	91.381	14.339	2.45	49.88
2.32	0.36	49.88	93.85	14.98	66.596	91.620	14.432	2.51	49.88
2.33	0.36	49.88	94.21	15.11	65.767	91.857	14.523	2.57	49.88
2.34	0.36	49.88	94.57	15.25	64.932	92.091	14.613	2.63	49.88

2.35	0.36	49.89	94.93	15.38	64.094	92.322	14.701	2.70	49.89
2.36	0.35	49.89	95.28	15.50	63.253	92.543	14.785	2.68	49.89
2.37	0.35	49.89	95.63	15.63	62.411	92.761	14.868	2.74	49.89
2.38	0.35	49.89	95.98	15.76	61.570	92.977	14.949	2.80	49.89
2.39	0.35	49.89	96.33	15.88	60.731	93.189	15.029	2.87	49.89
2.40	0.35	49.89	96.68	16.00	59.894	93.399	15.107	2.93	49.89
2.41	0.35	49.89	97.03	16.13	59.063	93.606	15.184	2.99	49.89
2.42	0.35	49.89	97.38	16.25	58.237	93.810	15.259	3.05	49.89
2.43	0.34	49.90	97.72	16.36	57.418	94.005	15.331	3.02	49.90
2.44	0.34	49.90	98.06	16.48	56.608	94.197	15.402	3.08	49.90
2.45	0.34	49.90	98.40	16.60	55.808	94.387	15.471	3.13	49.90
2.46	0.11	53.06	98.51	16.64	55.020	94.448	15.495	1.03	53.06
2.47	0.11	56.21	98.62	16.68	54.244	94.507	15.521	1.05	56.21
2.48	0.11	59.34	98.73	16.73	53.483	94.566	15.548	1.07	59.34
2.49	0.11	62.46	98.84	16.78	52.736	94.624	15.577	1.08	62.46
2.50	0.11	65.57	98.95	16.83	52.007	94.681	15.607	1.10	65.57
2.51	0.11	68.67	99.06	16.89	51.296	94.738	15.639	1.12	68.67
2.52	0.11	71.75	99.17	16.95	50.604	94.793	15.672	1.13	71.75
2.53	0.11	74.83	99.28	17.02	49.934	94.848	15.706	1.15	74.83
2.54	0.11	77.89	99.39	17.08	49.341	94.903	15.742	1.16	77.89
2.55	0.11	80.93	99.50	17.15	48.686	94.956	15.778	1.18	80.93
2.56	0.11	83.97	99.61	17.23	48.037	95.009	15.816	1.19	83.97
2.57	0.11	87.00	99.72	17.30	47.393	95.061	15.855	1.21	87.00
2.58	0.11	90.01	99.83	17.38	46.754	95.113	15.895	1.22	90.01
2.59	0.10	93.01	99.93	17.46	46.120	95.159	15.933	1.12	93.01
2.60	0.10	96.00	100.03	17.54	45.492	95.204	15.971	1.14	96.00

HEAD ASH %	17.54	CLEAN COAL ASH %	15.97	REFUSE ASH %	48.65
THEO. YIELD	96.59	CLEAN COAL YIELD%	95.20	REFUSE YIELD%	4.80
SG OF SEPARATION	2.397	ECART PROB. MOYEN	0.4142		
NEAR GRAVITY MAT	5.851	IMPERFECTION	0.271		
ORGANIC EFFCY.	98.57				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR-DDH82005 SID: 34 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 82.63 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.01	0.23	0.01	0.23	100.000	0.010	0.230	0.0	0.23
1.25	0.01	0.44	0.02	0.33	100.000	0.020	0.335	0.0	0.44
1.26	0.01	0.66	0.03	0.44	100.000	0.030	0.443	0.0	0.66
1.27	0.01	0.87	0.04	0.55	100.000	0.040	0.550	0.0	0.87
1.28	0.01	1.08	0.05	0.66	100.000	0.050	0.656	0.0	1.08
1.29	0.01	1.29	0.06	0.76	100.000	0.060	0.762	0.0	1.29
1.30	0.01	1.50	0.07	0.87	100.000	0.070	0.867	0.0	1.50
1.31	0.01	1.70	0.08	0.97	100.000	0.080	0.971	0.0	1.70
1.32	0.01	1.96	0.09	1.08	100.000	0.090	1.081	0.0	1.96
1.33	0.01	2.27	0.10	1.20	100.000	0.100	1.200	0.0	2.27
1.34	0.01	2.57	0.11	1.32	100.000	0.110	1.325	0.0	2.57
1.35	0.01	2.87	0.12	1.45	100.000	0.120	1.453	0.0	2.87
1.36	0.01	3.17	0.13	1.59	100.000	0.130	1.585	0.0	3.17
1.37	0.01	3.47	0.14	1.72	100.000	0.140	1.720	0.0	3.47
1.38	0.01	3.77	0.15	1.86	99.978	0.150	1.857	0.00	3.77
1.39	0.01	4.06	0.16	1.99	99.952	0.160	1.994	0.00	4.06
1.40	0.01	4.35	0.17	2.13	99.923	0.170	2.133	0.00	4.35
1.41	3.45	4.59	3.62	4.47	99.890	3.616	4.474	0.06	4.59
1.42	3.92	4.83	7.54	4.66	99.854	7.530	4.659	0.09	4.83
1.43	4.28	5.06	11.82	4.80	99.816	11.803	4.804	0.13	5.06
1.44	4.52	5.30	16.34	4.94	99.774	16.312	4.941	0.17	5.30
1.45	4.64	5.53	20.98	5.07	99.729	20.940	5.071	0.21	5.53
1.46	4.66	6.61	25.64	5.35	99.681	25.585	5.351	0.24	6.61
1.47	4.55	7.67	30.19	5.70	99.630	30.118	5.700	0.28	7.67
1.48	4.34	8.73	34.53	6.08	99.577	34.440	6.080	0.30	8.73
1.49	4.01	9.79	38.54	6.47	99.521	38.430	6.465	0.31	9.79
1.50	3.56	10.83	42.10	6.84	99.463	41.971	6.834	0.31	10.83
1.51	3.35	11.78	45.45	7.20	99.402	45.301	7.187	0.33	11.78
1.52	3.40	12.72	48.85	7.58	99.339	48.679	7.560	0.37	12.72
1.53	3.40	13.66	52.25	7.98	99.274	52.054	7.975	0.40	13.66
1.54	3.33	14.59	55.58	8.38	99.206	55.358	8.369	0.43	14.59
1.55	3.20	15.51	58.78	8.76	99.137	58.530	8.756	0.45	15.51
1.56	3.01	16.45	61.79	9.14	99.066	61.512	9.129	0.46	16.45
1.57	2.76	17.38	64.55	9.49	98.993	64.244	9.480	0.45	17.38
1.58	2.44	18.31	66.99	9.81	98.921	66.658	9.800	0.43	18.31
1.59	2.06	19.24	69.05	10.09	98.833	68.694	10.080	0.39	19.24
1.60	1.63	20.16	70.68	10.33	98.737	70.303	10.311	0.34	20.16
1.61	1.32	21.34	72.00	10.53	98.632	71.605	10.511	0.30	21.34
1.62	1.19	22.53	73.19	10.72	98.520	72.778	10.705	0.29	22.53
1.63	1.07	23.70	74.26	10.91	98.402	73.830	10.890	0.28	23.70
1.64	0.95	24.87	75.21	11.09	98.278	74.764	11.065	0.27	24.87
1.65	0.83	26.03	76.04	11.25	98.148	75.579	11.226	0.25	26.03
1.66	0.72	26.70	76.76	11.39	98.014	76.284	11.369	0.23	26.70
1.67	0.61	27.36	77.37	11.52	97.857	76.881	11.493	0.21	27.36
1.68	0.50	28.02	77.87	11.63	97.703	77.370	11.598	0.19	28.02
1.69	0.40	28.67	78.27	11.71	97.539	77.760	11.683	0.16	28.67
1.70	0.30	28.82	78.57	11.78	97.364	78.052	11.749	0.13	28.92
1.71	0.25	30.24	78.82	11.84	97.180	78.295	11.807	0.12	30.24
1.72	0.25	31.15	79.07	11.90	96.988	78.538	11.866	0.12	31.15

1.73	0.24	32.06	79.31	11.96	96.787	78.770	11.926	0.13	32.06
1.74	0.24	32.95	79.55	12.02	96.579	79.002	11.988	0.13	32.95
1.75	0.24	33.85	79.79	12.09	96.365	79.233	12.051	0.14	33.85
1.76	0.24	34.21	80.03	12.16	96.144	79.464	12.116	0.15	34.21
1.77	0.25	34.58	80.28	12.23	95.918	79.703	12.183	0.17	34.58
1.78	0.25	34.94	80.53	12.30	95.688	79.943	12.251	0.18	34.94
1.79	0.26	35.30	80.79	12.37	95.454	80.191	12.323	0.19	35.30
1.80	0.27	35.66	81.06	12.45	95.216	80.448	12.397	0.21	35.66
1.81	0.30	35.66	81.36	12.53	94.976	80.733	12.479	0.25	35.66
1.82	0.30	35.66	81.66	12.62	94.752	81.017	12.561	0.26	35.66
1.83	0.31	35.66	81.97	12.71	94.488	81.310	12.644	0.28	35.66
1.84	0.31	35.66	82.28	12.79	94.210	81.602	12.726	0.29	35.66
1.85	0.31	35.66	82.59	12.88	93.918	81.893	12.808	0.31	35.66
1.86	0.24	36.90	82.83	12.95	93.611	82.118	12.874	0.25	36.90
1.87	0.24	38.13	83.07	13.02	93.290	82.342	12.942	0.26	38.13
1.88	0.24	39.36	83.31	13.10	92.955	82.565	13.014	0.28	39.36
1.89	0.24	40.57	83.55	13.18	92.606	82.787	13.088	0.29	40.57
1.90	0.24	41.79	83.79	13.26	92.242	83.009	13.164	0.30	41.79
1.91	0.26	42.76	84.05	13.35	91.865	83.247	13.249	0.35	42.76
1.92	0.26	43.73	84.31	13.44	91.474	83.485	13.336	0.36	43.73
1.93	0.26	44.69	84.57	13.54	91.070	83.722	13.425	0.38	44.69
1.94	0.25	45.65	84.82	13.63	90.652	83.949	13.512	0.38	45.65
1.95	0.25	46.61	85.07	13.73	90.221	84.174	13.600	0.40	46.61
1.96	0.25	46.77	85.32	13.83	89.548	84.398	13.688	0.43	46.77
1.97	0.25	46.94	85.57	13.92	89.082	84.621	13.776	0.45	46.94
1.98	0.24	47.11	85.81	14.02	88.602	84.833	13.859	0.45	47.11
1.99	0.24	47.28	86.05	14.11	88.109	85.045	13.943	0.47	47.28
2.00	0.24	47.44	86.29	14.20	87.603	85.255	14.025	0.49	47.44
2.01	0.24	47.70	86.53	14.29	87.085	85.464	14.108	0.51	47.70
2.02	0.24	47.97	86.77	14.39	86.555	85.672	14.190	0.53	47.97
2.03	0.24	48.23	87.01	14.48	86.013	85.878	14.271	0.55	48.23
2.04	0.23	48.49	87.24	14.57	85.460	86.075	14.350	0.55	48.49
2.05	0.21	48.75	87.45	14.65	84.896	86.253	14.421	0.52	48.75
2.06	0.20	49.23	87.65	14.73	84.322	86.422	14.489	0.51	49.23
2.07	0.18	49.72	87.83	14.80	83.739	86.572	14.550	0.48	49.72
2.08	0.15	50.20	87.98	14.86	83.146	86.697	14.601	0.41	50.20
2.09	0.12	50.68	88.10	14.91	82.545	86.796	14.642	0.34	50.68
2.10	0.09	51.15	88.19	14.95	81.934	86.870	14.673	0.27	51.15
2.11	0.01	51.59	88.20	14.95	81.317	86.878	14.677	0.03	51.59
2.12	0.01	52.02	88.21	14.96	80.691	86.886	14.680	0.03	52.02
2.13	0.0	52.45	88.21	14.96	80.059	86.886	14.680	0.0	52.45
2.14	0.0	52.88	88.21	14.96	79.419	86.886	14.680	0.0	52.88
2.15	0.0	53.31	88.21	14.96	78.774	86.886	14.680	0.0	53.31
2.16	0.13	53.31	88.34	15.01	78.123	86.988	14.725	0.47	53.31
2.17	0.13	53.31	88.47	15.07	77.467	87.088	14.770	0.48	53.31
2.18	0.13	53.31	88.60	15.13	76.806	87.188	14.814	0.49	53.31
2.19	0.13	53.31	88.73	15.18	76.140	87.287	14.858	0.51	53.31
2.20	0.13	53.31	88.86	15.24	75.471	87.385	14.901	0.52	53.31
2.21	0.13	53.31	88.99	15.29	74.798	87.483	14.944	0.54	53.31
2.22	0.13	53.31	89.12	15.35	74.316	87.579	14.986	0.55	53.31
2.23	0.12	53.31	89.24	15.40	73.612	87.668	15.025	0.52	53.31
2.24	0.12	53.31	89.36	15.45	72.889	87.755	15.063	0.53	53.31
2.25	0.12	53.31	89.48	15.50	72.149	87.842	15.101	0.55	53.31
2.26	0.01	53.48	89.49	15.51	71.393	87.849	15.104	0.05	53.48
2.27	0.01	53.65	89.50	15.51	70.622	87.856	15.107	0.05	53.65
2.28	0.01	53.82	89.51	15.52	69.838	87.863	15.110	0.05	53.82
2.29	0.01	53.99	89.52	15.52	69.042	87.870	15.113	0.05	53.99
2.30	0.01	54.16	89.53	15.52	68.235	87.877	15.116	0.05	54.16
2.31	0.47	54.16	90.00	15.73	67.420	88.193	15.256	2.51	54.16
2.32	0.47	54.16	90.47	15.93	66.596	88.506	15.394	2.57	54.16
2.33	0.47	54.16	90.94	16.12	65.767	88.816	15.529	2.63	54.16
2.34	0.47	54.16	91.41	16.32	64.932	89.121	15.661	2.70	54.16

2.35	0.46	54.16	91.87	16.51	64.094	89.416	15.788	2.70	54.16
2.36	0.46	54.16	92.33	16.70	63.253	89.706	15.912	2.77	54.16
2.37	0.46	54.16	92.79	16.88	62.411	89.994	16.034	2.83	54.16
2.38	0.46	54.16	93.25	17.06	61.570	90.277	16.154	2.89	54.16
2.39	0.46	54.17	93.71	17.25	60.731	90.556	16.271	2.96	54.17
2.40	0.46	54.17	94.17	17.43	59.894	90.832	16.386	3.02	54.17
2.41	0.45	54.17	94.62	17.60	59.063	91.097	16.496	3.01	54.17
2.42	0.45	54.17	95.07	17.78	58.237	91.360	16.605	3.08	54.17
2.43	0.45	54.17	95.52	17.95	57.418	91.618	16.710	3.14	54.17
2.44	0.45	54.17	95.97	18.12	56.608	91.873	16.814	3.19	54.17
2.45	0.45	54.17	96.42	18.28	55.808	92.124	16.916	3.25	54.17
2.46	0.24	57.04	96.66	18.38	55.020	92.256	16.974	1.77	57.04
2.47	0.24	59.89	96.90	18.48	54.244	92.386	17.034	1.80	59.89
2.48	0.24	62.74	97.14	18.59	53.483	92.514	17.098	1.83	62.74
2.49	0.24	65.57	97.38	18.71	52.736	92.641	17.164	1.86	65.57
2.50	0.24	68.39	97.62	18.83	52.007	92.766	17.233	1.88	68.39
2.51	0.24	71.20	97.86	18.96	51.296	92.889	17.304	1.91	71.20
2.52	0.24	74.00	98.10	19.09	50.604	93.010	17.378	1.94	74.00
2.53	0.23	76.79	98.33	19.23	49.934	93.125	17.451	1.88	76.79
2.54	0.23	79.56	98.56	19.37	49.341	93.239	17.527	1.91	79.56
2.55	0.23	82.33	98.79	19.52	48.686	93.351	17.605	1.93	82.33
2.56	0.23	85.09	99.02	19.67	48.037	93.461	17.685	1.96	85.09
2.57	0.23	87.83	99.25	19.83	47.393	93.570	17.766	1.98	87.83
2.58	0.23	90.56	99.48	19.99	46.754	93.678	17.850	2.00	90.56
2.59	0.23	93.29	99.71	20.16	46.120	93.784	17.935	2.03	93.29
2.60	0.23	96.00	99.94	20.33	45.492	93.888	18.022	2.05	96.00

HEAD ASH %	20.33	CLEAN COAL ASH %	18.02	REFUSE ASH %	55.85
THEO. YIELD	95.72	CLEAN COAL YIELD%	93.89	REFUSE YIELD%	6.11
SG OF SEPARATION	2.434	ECART PROB. MOYEN	0.4142		
NEAR GRAVITY MAT	7.283	IMPERFECTION	0.271		
ORGANIC EFFCY.	98.09				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 36 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.26 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.09	0.05	0.09	0.05	100.000	0.090	0.050	0.0	0.05
1.25	0.09	0.08	0.18	0.06	100.000	0.180	0.065	0.0	0.08
1.26	0.09	0.12	0.27	0.08	100.000	0.270	0.083	0.0	0.12
1.27	0.09	0.16	0.36	0.10	100.000	0.360	0.103	0.0	0.16
1.28	0.09	0.19	0.45	0.12	100.000	0.450	0.120	0.0	0.19
1.29	0.09	0.23	0.54	0.14	100.000	0.540	0.138	0.0	0.23
1.30	0.08	0.26	0.62	0.15	100.000	0.620	0.154	0.0	0.26
1.31	0.08	0.30	0.70	0.17	100.000	0.700	0.171	0.0	0.30
1.32	0.08	0.54	0.78	0.21	100.000	0.780	0.209	0.0	0.54
1.33	0.08	0.99	0.86	0.28	100.000	0.860	0.281	0.0	0.99
1.34	0.08	1.43	0.94	0.38	100.000	0.940	0.379	0.0	1.43
1.35	0.08	1.88	1.02	0.50	100.000	1.020	0.497	0.0	1.88
1.36	0.08	2.31	1.10	0.63	100.000	1.100	0.629	0.0	2.31
1.37	0.08	2.75	1.18	0.77	100.000	1.180	0.772	0.0	2.75
1.38	0.08	3.18	1.26	0.93	99.978	1.260	0.925	0.00	3.18
1.39	0.08	3.61	1.34	1.09	99.952	1.340	1.085	0.00	3.61
1.40	0.08	4.03	1.42	1.25	99.923	1.420	1.251	0.00	4.03
1.41	1.19	4.24	2.61	2.61	99.890	2.609	2.613	0.01	4.24
1.42	1.22	4.45	3.83	3.20	99.854	3.827	3.198	0.02	4.45
1.43	1.25	4.66	5.08	3.56	99.816	5.074	3.557	0.02	4.66
1.44	1.29	4.86	6.37	3.82	99.774	6.362	3.821	0.03	4.86
1.45	1.33	5.07	7.70	4.04	99.729	7.688	4.036	0.03	5.07
1.46	1.37	6.16	9.07	4.36	99.681	9.054	4.357	0.04	6.16
1.47	1.41	7.24	10.48	4.75	99.630	10.458	4.744	0.05	7.24
1.48	1.45	8.32	11.93	5.18	99.577	11.902	5.178	0.06	8.32
1.49	1.49	9.39	13.42	5.65	99.521	13.385	5.644	0.07	9.39
1.50	1.54	10.45	14.96	6.14	99.463	14.917	6.138	0.08	10.45
1.51	1.56	11.10	16.52	6.61	99.402	16.467	6.605	0.09	11.10
1.52	1.56	11.74	18.08	7.05	99.339	18.017	7.047	0.10	11.74
1.53	1.56	12.38	19.64	7.48	99.274	19.566	7.469	0.11	12.38
1.54	1.57	13.02	21.21	7.89	99.206	21.123	7.878	0.12	13.02
1.55	1.57	13.65	22.78	8.28	99.137	22.680	8.274	0.13	13.65
1.56	1.57	15.22	24.35	8.73	99.066	24.235	8.720	0.14	15.22
1.57	1.56	16.78	25.91	9.22	98.993	25.779	9.203	0.15	16.78
1.58	1.56	18.32	27.47	9.73	98.921	27.323	9.718	0.16	18.32
1.59	1.56	19.86	29.03	10.28	98.833	28.864	10.260	0.17	19.86
1.60	1.56	21.39	30.59	10.84	98.737	30.405	10.823	0.19	21.39
1.61	1.56	22.53	32.15	11.41	98.632	31.943	11.387	0.20	22.53
1.62	1.57	23.65	33.72	11.98	98.520	33.490	11.954	0.22	23.65
1.63	1.57	24.77	35.29	12.55	98.402	35.035	12.519	0.24	24.77
1.64	1.57	25.89	36.86	13.12	98.278	36.578	13.083	0.26	25.89
1.65	1.57	26.99	38.43	13.68	98.148	38.119	13.645	0.28	26.99
1.66	1.56	27.90	39.99	14.24	98.014	39.648	14.195	0.30	27.90
1.67	1.55	28.80	41.54	14.78	97.857	41.165	14.733	0.32	28.80
1.68	1.54	29.70	43.08	15.32	97.703	42.669	15.261	0.34	29.70
1.69	1.52	30.58	44.60	15.84	97.539	44.152	15.775	0.36	30.58
1.70	1.51	31.47	46.11	16.35	97.364	45.622	16.281	0.38	31.47
1.71	1.41	32.17	47.52	16.82	97.180	46.992	16.744	38	32.17
1.72	1.25	32.87	48.77	17.23	96.988	48.205	17.150	36	32.87

1.73	1.12	33.56	49.89	17.60	96.787	49.289	17.511	0.34	33.56
1.74	1.02	34.25	50.91	17.83	96.579	50.274	17.839	0.33	34.25
1.75	0.95	34.93	51.86	18.24	96.365	51.189	18.144	0.33	34.93
1.76	0.91	35.53	52.77	18.54	96.144	52.064	18.437	0.34	35.53
1.77	0.90	36.12	53.67	18.83	95.918	52.928	18.725	0.35	36.12
1.78	0.92	36.71	54.59	19.13	95.688	53.808	19.019	0.38	36.71
1.79	0.97	37.30	55.56	19.45	95.454	54.734	19.328	0.42	37.30
1.80	1.05	37.88	56.61	19.79	95.216	55.734	19.661	0.48	37.88
1.81	1.11	38.39	57.72	20.15	94.976	56.788	20.009	0.53	38.39
1.82	1.14	38.89	58.86	20.51	94.752	57.868	20.361	0.57	38.89
1.83	1.16	39.38	60.02	20.88	94.488	58.964	20.715	0.61	39.38
1.84	1.17	39.88	61.19	21.24	94.210	60.066	21.067	0.65	39.88
1.85	1.17	40.37	62.36	21.60	93.918	61.165	21.413	0.68	40.37
1.86	1.16	41.01	63.52	21.96	93.611	62.251	21.755	0.71	41.01
1.87	1.15	41.64	64.67	22.31	93.290	63.324	22.092	0.74	41.64
1.88	1.12	42.27	65.79	22.65	92.955	64.365	22.419	0.76	42.27
1.89	1.09	42.90	66.88	22.98	92.606	65.374	22.735	0.77	42.90
1.90	1.05	43.53	67.93	23.29	92.242	66.349	23.038	0.78	43.53
1.91	0.99	43.93	68.92	23.59	91.865	67.252	23.321	0.77	43.93
1.92	0.92	44.32	69.84	23.86	91.474	68.094	23.580	0.75	44.32
1.93	0.86	44.72	70.70	24.12	91.070	68.877	23.821	0.74	44.72
1.94	0.80	45.11	71.50	24.35	90.652	69.602	24.043	0.72	45.11
1.95	0.76	45.50	72.26	24.57	90.221	70.288	24.252	0.71	45.50
1.96	0.71	46.55	72.97	24.79	89.548	70.924	24.452	0.71	46.55
1.97	0.68	47.59	73.65	25.00	89.082	71.530	24.648	0.71	47.59
1.98	0.65	48.63	74.30	25.20	88.602	72.105	24.839	0.71	48.63
1.99	0.63	49.66	74.93	25.41	88.109	72.661	25.029	0.72	49.66
2.00	0.62	50.69	75.55	25.62	87.603	73.204	25.219	0.74	50.69
2.01	0.61	51.73	76.16	25.83	87.085	73.736	25.410	0.75	51.73
2.02	0.60	52.77	76.76	26.04	86.555	74.254	25.602	0.77	52.77
2.03	0.59	53.78	77.35	26.25	86.013	74.762	25.793	0.79	53.78
2.04	0.58	54.73	77.93	26.46	85.460	75.257	25.984	0.81	54.73
2.05	0.56	55.60	78.49	26.67	84.896	75.733	26.169	0.81	55.60
2.06	0.54	56.41	79.03	26.87	84.322	76.186	26.350	0.81	56.41
2.07	0.52	57.21	79.55	27.07	83.739	76.624	26.526	0.81	57.21
2.08	0.49	57.98	80.04	27.26	83.146	77.031	26.692	0.79	57.98
2.09	0.47	58.73	80.51	27.44	82.545	77.419	26.853	0.79	58.73
2.10	0.44	59.45	80.95	27.62	81.934	77.779	27.004	0.76	59.45
2.11	0.42	60.19	81.37	27.79	81.317	78.121	27.149	0.75	60.19
2.12	0.40	60.92	81.77	27.95	80.691	78.444	27.288	0.74	60.92
2.13	0.38	61.65	82.15	28.10	80.059	78.748	27.420	0.73	61.65
2.14	0.37	62.38	82.52	28.26	79.419	78.042	27.550	0.73	62.38
2.15	0.35	63.10	82.87	28.40	78.774	79.318	27.674	0.71	63.10
2.16	0.34	63.26	83.21	28.55	78.123	79.583	27.793	0.71	63.26
2.17	0.32	63.42	83.53	28.68	77.467	79.831	27.903	0.69	63.42
2.18	0.31	63.58	83.84	28.81	76.806	80.069	28.009	0.69	63.58
2.19	0.30	63.74	84.14	28.93	76.140	80.298	28.111	0.69	63.74
2.20	0.29	63.90	84.43	29.05	75.471	80.516	28.208	0.68	63.90
2.21	0.26	63.92	84.69	29.16	74.798	80.711	28.294	0.63	63.92
2.22	0.21	63.95	84.90	29.25	74.316	80.867	28.363	0.52	63.95
2.23	0.18	63.98	85.08	29.32	73.612	80.999	28.422	0.45	63.98
2.24	0.16	64.00	85.24	29.39	72.889	81.116	28.473	0.42	64.00
2.25	0.15	64.03	85.39	29.45	72.149	81.224	28.520	0.40	64.03
2.26	0.19	64.62	85.54	29.51	71.393	81.331	28.568	0.41	64.62
2.27	0.16	65.20	85.70	29.57	70.622	81.444	28.618	0.45	65.20
2.28	0.18	65.79	85.88	29.65	69.838	81.570	28.676	0.52	65.79
2.29	0.22	66.37	86.10	29.74	69.042	81.722	28.746	0.65	66.37
2.30	0.28	66.95	86.36	29.86	68.235	81.899	28.829	0.79	66.95
2.31	0.48	67.15	86.84	30.06	67.420	82.223	28.979	1.50	67.15
2.32	0.48	67.35	87.32	30.27	66.596	82.543	29.128	1.54	67.35
2.33	0.48	67.55	87.80	30.47	65.767	82.858	29.274	1.57	67.55
2.34	0.48	67.74	88.28	30.67	64.932	83.170	29.419	1.61	67.74

2.35	0.48	67.94	88.76	30.88	64.094	83.478	29.560	1.65	67.94
2.36	0.47	68.13	89.23	31.07	63.253	83.775	29.697	1.65	68.13
2.37	0.47	68.33	89.70	31.27	62.411	84.068	29.832	1.69	68.33
2.38	0.47	68.52	90.17	31.46	61.570	84.358	29.965	1.73	68.52
2.39	0.47	68.71	90.64	31.65	60.731	84.643	30.096	1.77	68.71
2.40	0.47	68.91	91.11	31.85	59.894	84.925	30.224	1.81	68.91
2.41	0.46	69.10	91.57	32.03	59.063	85.196	30.348	1.80	69.10
2.42	0.46	69.29	92.03	32.22	58.237	85.464	30.470	1.84	69.29
2.43	0.46	69.48	92.49	32.41	57.418	85.728	30.590	1.88	69.48
2.44	0.46	69.67	92.95	32.59	56.608	85.989	30.709	1.91	69.67
2.45	0.46	69.86	93.41	32.77	55.808	86.245	30.825	1.95	69.86
2.46	0.45	71.65	93.86	32.96	55.020	86.493	30.942	1.94	71.65
2.47	0.45	73.43	94.31	33.15	54.244	86.737	31.062	1.97	73.43
2.48	0.45	75.21	94.76	33.35	53.483	86.978	31.184	2.00	75.21
2.49	0.45	76.98	95.21	33.56	52.736	87.215	31.309	2.04	76.98
2.50	0.45	78.74	95.66	33.77	52.007	87.449	31.435	2.07	78.74
2.51	0.44	80.50	96.10	33.99	51.296	87.675	31.562	2.05	80.50
2.52	0.44	82.25	96.54	34.21	50.604	87.897	31.690	2.08	82.25
2.53	0.44	83.99	96.98	34.43	49.934	88.117	31.821	2.11	83.99
2.54	0.44	85.73	97.42	34.66	49.341	88.334	31.953	2.13	85.73
2.55	0.44	87.46	97.86	34.90	48.686	88.549	32.087	2.16	87.46
2.56	0.44	89.18	98.30	35.14	48.037	88.760	32.223	2.19	89.18
2.57	0.43	90.89	98.73	35.38	47.393	88.964	32.358	2.17	90.89
2.58	0.43	92.60	99.16	35.63	46.754	89.165	32.494	2.19	92.60
2.59	0.43	94.30	99.59	35.89	46.120	89.363	32.631	2.22	94.30
2.60	0.43	96.00	100.02	36.15	45.492	89.559	32.769	2.24	96.00

HEAD ASH %	36.15	CLEAN COAL ASH %	32.77	REFUSE ASH %	65.11
THEO. YIELD	93.40	CLEAN COAL YIELD%	89.56	REFUSE YIELD%	10.44
SG OF SEPARATION	2.450	ECART PROB. MOYEN	0.4142		
NEAR GRAVITY MAT	9.101	IMPERFECTION	0.271		
ORGANIC EFFCY.	95.89				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 37 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 69.34 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ELEMENTAL ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.15	0.01	0.15	0.01	100.000	0.150	0.010	0.0	0.01
1.25	0.16	0.01	0.31	0.01	100.000	0.310	0.010	0.0	0.01
1.26	0.18	0.01	0.49	0.01	100.000	0.490	0.010	0.0	0.01
1.27	0.20	0.01	0.69	0.01	100.000	0.690	0.010	0.0	0.01
1.28	0.22	0.01	0.91	0.01	100.000	0.910	0.010	0.0	0.01
1.29	0.24	0.01	1.15	0.01	100.000	1.150	0.010	0.0	0.01
1.30	0.26	0.01	1.41	0.01	100.000	1.410	0.010	0.0	0.01
1.31	0.28	0.01	1.69	0.01	100.000	1.690	0.010	0.0	0.01
1.32	0.25	0.26	1.94	0.04	100.000	1.940	0.042	0.0	0.26
1.33	0.26	0.76	2.20	0.13	100.000	2.200	0.127	0.0	0.76
1.34	0.28	1.26	2.48	0.25	100.000	2.480	0.255	0.0	1.26
1.35	0.30	1.75	2.78	0.42	100.000	2.780	0.416	0.0	1.75
1.36	0.32	2.24	3.10	0.60	100.000	3.100	0.605	0.0	2.24
1.37	0.34	2.72	3.44	0.81	100.000	3.440	0.814	0.0	2.72
1.38	0.36	3.20	3.80	1.04	99.978	3.800	1.040	0.00	3.20
1.39	0.38	3.68	4.18	1.28	99.952	4.180	1.280	0.00	3.68
1.40	0.41	4.15	4.59	1.54	99.923	4.589	1.536	0.00	4.15
1.41	0.51	4.15	5.10	1.80	99.890	5.099	1.797	0.00	4.15
1.42	0.54	4.15	5.64	2.02	99.854	5.638	2.022	0.00	4.15
1.43	0.57	4.16	6.21	2.22	99.816	6.207	2.218	0.00	4.16
1.44	0.59	4.16	6.80	2.39	99.774	6.796	2.386	0.01	4.16
1.45	0.62	4.16	7.42	2.54	99.729	7.414	2.534	0.01	4.16
1.46	0.64	5.90	7.96	2.76	99.681	7.952	2.762	0.01	5.90
1.47	0.56	7.62	8.52	3.08	99.630	8.510	3.080	0.01	7.62
1.48	0.58	9.34	9.10	3.48	99.577	9.088	3.478	0.01	9.34
1.49	0.60	11.04	9.70	3.95	99.521	9.685	3.945	0.01	11.04
1.50	0.62	12.74	10.32	4.48	99.463	10.302	4.471	0.01	12.74
1.51	0.70	13.97	11.02	5.08	99.402	10.997	5.072	0.02	13.97
1.52	0.72	15.20	11.74	5.70	99.339	11.713	5.691	0.02	15.20
1.53	0.74	16.42	12.48	6.34	99.274	12.447	6.324	0.02	16.42
1.54	0.76	17.64	13.24	6.99	99.206	13.201	6.970	0.03	17.64
1.55	0.77	18.84	14.01	7.64	99.137	13.965	7.619	0.03	18.84
1.56	0.79	19.62	14.80	8.28	99.066	14.747	8.256	0.03	19.62
1.57	0.80	20.40	15.60	8.90	98.993	15.539	8.875	0.03	20.40
1.58	0.82	21.17	16.42	9.51	98.921	16.350	9.485	0.04	21.17
1.59	0.83	21.93	17.25	10.11	98.833	17.171	10.079	0.04	21.93
1.60	0.84	22.69	18.09	10.69	98.737	18.000	10.660	0.05	22.69
1.61	0.91	23.34	19.00	11.30	98.632	18.898	11.263	0.05	23.34
1.62	1.00	23.97	20.00	11.93	98.520	19.883	11.892	0.06	23.97
1.63	1.07	24.61	21.07	12.58	98.402	20.936	12.532	0.07	24.61
1.64	1.11	25.23	22.18	13.21	98.278	22.027	13.161	0.08	25.23
1.65	1.12	25.86	23.30	13.82	98.148	23.126	13.764	0.09	25.86
1.66	1.11	26.65	24.41	14.40	98.014	24.214	14.343	0.09	26.65
1.67	1.06	27.43	25.47	14.94	97.857	25.251	14.881	0.10	27.43
1.68	0.99	28.21	26.46	15.44	97.703	26.218	15.373	0.10	28.21
1.69	0.89	28.98	27.35	15.88	97.539	27.086	15.809	0.09	28.98
1.70	0.76	29.75	28.11	16.26	97.364	27.826	16.180	0.09	29.75
1.71	0.66	30.39	28.77	16.58	97.180	28.468	16.500	0.08	30.39
1.72	0.61	31.03	29.38	16.88	96.988	29.059	16.796	0.08	31.03

1.73	0.58	31.66	29.96	17.17	96.787	29.621	17.077	0.08	31.66
1.74	0.55	32.29	30.51	17.44	96.579	30.152	17.345	0.08	32.29
1.75	0.54	32.91	31.05	17.71	96.365	30.672	17.609	0.08	32.91
1.76	0.53	33.52	31.58	17.97	96.144	31.182	17.869	0.09	33.52
1.77	0.53	34.12	32.11	18.24	95.918	31.680	18.130	0.09	34.12
1.78	0.55	34.71	32.66	18.52	95.686	32.216	18.401	0.10	34.71
1.79	0.57	35.31	33.23	18.80	95.454	32.761	18.682	0.11	35.31
1.80	0.60	35.90	33.83	19.11	95.216	33.332	18.977	0.12	35.90
1.81	0.64	36.31	34.47	19.43	94.976	33.940	19.287	0.14	36.31
1.82	0.67	36.73	35.14	19.76	94.752	34.575	19.607	0.15	36.73
1.83	0.70	37.14	35.84	20.10	94.488	35.236	19.937	0.16	37.14
1.84	0.71	37.55	36.55	20.44	94.210	35.905	20.265	0.18	37.55
1.85	0.71	37.96	37.26	20.77	93.918	36.572	20.587	0.18	37.96
1.86	0.69	38.78	37.95	21.10	93.611	37.218	20.903	0.19	38.78
1.87	0.67	39.61	38.62	21.42	93.290	37.843	21.212	0.19	39.61
1.88	0.63	40.42	39.25	21.72	92.955	38.428	21.505	0.19	40.42
1.89	0.58	41.24	39.83	22.01	92.606	38.965	21.777	0.18	41.24
1.90	0.51	42.05	40.34	22.26	92.242	39.436	22.019	0.17	42.05
1.91	0.46	42.73	40.80	22.49	91.865	39.858	22.238	0.16	42.73
1.92	0.43	43.41	41.23	22.71	91.474	40.252	22.445	0.16	43.41
1.93	0.41	44.09	41.64	22.92	91.070	40.625	22.644	0.16	44.09
1.94	0.38	44.76	42.02	23.12	90.652	40.970	22.830	0.15	44.76
1.95	0.36	45.44	42.38	23.31	90.221	41.294	23.008	0.15	45.44
1.96	0.35	46.05	42.73	23.49	89.648	41.608	23.181	0.16	46.05
1.97	0.34	46.66	43.07	23.68	89.082	41.911	23.351	0.16	46.66
1.98	0.33	47.27	43.40	23.86	88.602	42.203	23.517	0.16	47.27
1.99	0.33	47.87	43.73	24.04	88.109	42.494	23.683	0.17	47.87
2.00	0.33	48.47	44.06	24.22	87.603	42.783	23.851	0.17	48.47
2.01	0.33	48.93	44.39	24.40	87.085	43.070	24.018	0.18	48.93
2.02	0.32	49.39	44.71	24.58	86.555	43.347	24.180	0.18	49.39
2.03	0.32	49.85	45.03	24.76	86.013	43.623	24.342	0.19	49.85
2.04	0.31	50.31	45.34	24.94	85.460	43.887	24.499	0.19	50.31
2.05	0.31	50.76	45.65	25.11	84.896	44.151	24.656	0.20	50.76
2.06	0.32	51.35	45.97	25.29	84.322	44.420	24.818	0.21	51.35
2.07	0.32	51.94	46.29	25.48	83.739	44.688	24.980	0.22	51.94
2.08	0.33	52.52	46.62	25.67	83.146	44.969	25.148	0.24	52.52
2.09	0.33	53.10	46.95	25.86	82.545	45.235	25.317	0.25	53.10
2.10	0.35	53.68	47.30	26.07	81.934	45.522	25.495	0.27	53.68
2.11	0.36	54.07	47.66	26.28	81.317	45.815	25.678	0.29	54.07
2.12	0.36	54.46	48.02	26.49	80.691	46.105	25.859	0.30	54.46
2.13	0.37	54.85	48.39	26.71	80.059	46.401	26.044	0.31	54.85
2.14	0.37	55.24	48.76	26.93	79.419	46.695	26.228	0.32	55.24
2.15	0.38	55.63	49.14	27.15	78.774	46.995	26.415	0.34	55.63
2.16	0.38	56.22	49.52	27.37	78.123	47.291	26.603	0.35	56.22
2.17	0.38	56.80	49.90	27.59	77.467	47.586	26.789	0.37	56.80
2.18	0.38	57.38	50.28	27.82	76.806	47.878	26.976	0.38	57.38
2.19	0.38	57.96	50.66	28.05	76.140	48.167	27.162	0.39	57.96
2.20	0.37	58.53	51.03	28.27	75.471	48.446	27.343	0.39	58.53
2.21	0.36	58.92	51.39	28.48	74.798	48.716	27.517	0.39	58.92
2.22	0.35	59.30	51.74	28.69	74.316	48.976	27.686	0.38	59.30
2.23	0.33	59.68	52.07	28.89	73.612	49.219	27.844	0.37	59.68
2.24	0.32	60.06	52.39	29.08	72.889	49.452	27.996	0.37	60.06
2.25	0.32	60.43	52.71	29.27	72.149	49.683	28.147	0.38	60.43
2.26	0.32	61.03	53.03	29.46	71.393	49.911	28.297	0.39	61.03
2.27	0.32	61.63	53.35	29.65	70.622	50.137	28.447	0.40	61.63
2.28	0.33	62.22	53.68	29.85	69.838	50.368	28.602	0.42	62.22
2.29	0.35	62.81	54.03	30.07	69.042	50.609	28.765	0.46	62.81
2.30	0.36	63.40	54.39	30.29	68.235	50.855	28.933	0.49	63.40
2.31	1.68	63.40	56.08	31.28	67.420	51.994	29.688	2.35	63.40
2.32	1.69	63.40	57.77	32.22	66.596	53.120	30.402	2.41	63.40
2.33	.68	63.40	59.45	33.10	65.767	54.225	31.075	45	63.40
2.34	.67	63.40	61.12	33.93	64.932	55.309	31.708	50	63.40

2.35	1.66	63.40	62.78	34.71	64.094	56.373	32.307	2.54	63.40
2.36	1.66	63.40	64.44	35.45	63.253	57.423	32.875	2.60	63.40
2.37	1.65	63.40	66.09	36.15	62.411	58.453	33.413	2.65	63.40
2.38	1.64	63.40	67.73	36.81	61.570	59.462	33.922	2.69	63.40
2.39	1.64	63.40	69.37	37.44	60.731	60.458	34.408	2.75	63.40
2.40	1.63	63.40	71.00	38.03	59.894	61.435	34.869	2.79	63.40
2.41	1.62	63.40	72.62	38.60	59.063	62.392	35.306	2.83	63.40
2.42	1.62	63.40	74.24	39.14	58.237	63.335	35.725	2.89	63.40
2.43	1.61	63.40	75.85	39.65	57.418	64.259	36.123	2.92	63.40
2.44	1.60	63.40	77.45	40.15	56.608	65.165	36.502	2.96	63.40
2.45	1.60	63.40	79.05	40.62	55.808	66.058	36.866	3.02	63.40
2.46	1.44	65.64	80.49	41.06	55.020	66.850	37.207	2.76	65.64
2.47	1.43	67.86	81.92	41.53	54.244	67.626	37.558	2.79	67.86
2.48	1.42	70.08	83.34	42.02	53.483	68.386	37.919	2.82	70.08
2.49	1.42	72.29	84.76	42.52	52.736	69.134	38.292	2.86	72.29
2.50	1.41	74.49	86.17	43.05	52.007	69.868	38.672	2.89	74.49
2.51	1.41	76.68	87.58	43.59	51.296	70.591	39.061	2.93	76.68
2.52	1.40	78.86	88.98	44.14	50.604	71.299	39.457	2.95	78.86
2.53	1.40	81.03	90.38	44.72	49.934	71.998	39.860	2.99	81.03
2.54	1.39	83.19	91.77	45.30	49.341	72.684	40.269	3.00	83.19
2.55	1.39	85.35	93.16	45.90	48.686	73.361	40.685	3.04	85.35
2.56	1.38	87.50	94.54	46.50	48.037	74.024	41.104	3.08	87.50
2.57	1.37	89.63	95.91	47.12	47.393	74.673	41.528	3.07	89.63
2.58	1.37	91.76	97.28	47.75	46.754	75.314	41.953	3.11	91.76
2.59	1.36	93.89	98.64	48.38	46.120	75.941	42.382	3.13	93.89
2.60	1.36	96.00	100.00	49.03	45.492	76.560	42.816	3.16	96.00

HEAD ASH %	49.03	CLEAN COAL ASH %	42.82	REFUSE ASH %	69.33
THEO. YIELD	85.54	CLEAN COAL YIELD%	76.56	REFUSE YIELD%	23.44
SG OF SEPARATION	2.496	ECART PROB. MOYEN	0.4142		
NEAR GRAVITY MAT	29.120	IMPERFECTION	0.271		
ORGANIC EFFCY.	89.50				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 38 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.43	0.23	0.43	0.23	100.000	0.430	0.230	0.0	0.23
1.25	0.43	0.45	0.86	0.34	100.000	0.860	0.340	0.0	0.45
1.26	0.43	0.67	1.29	0.45	100.000	1.290	0.450	0.0	0.67
1.27	0.42	0.89	1.71	0.56	100.000	1.710	0.558	0.0	0.89
1.28	0.42	1.10	2.13	0.66	100.000	2.130	0.665	0.0	1.10
1.29	0.42	1.31	2.55	0.77	100.000	2.550	0.771	0.0	1.31
1.30	0.41	1.53	2.96	0.88	100.000	2.960	0.876	0.0	1.53
1.31	0.41	1.73	3.37	0.98	100.000	3.370	0.980	0.0	1.73
1.32	0.41	2.02	3.78	1.09	100.000	3.780	1.093	0.0	2.02
1.33	0.40	2.38	4.18	1.22	100.000	4.180	1.216	0.0	2.38
1.34	0.40	2.74	4.58	1.35	100.000	4.580	1.349	0.0	2.74
1.35	0.40	3.10	4.98	1.49	100.000	4.980	1.490	0.0	3.10
1.36	0.40	3.45	5.38	1.64	100.000	5.380	1.636	0.0	3.45
1.37	0.39	3.80	5.77	1.78	100.000	5.770	1.782	0.0	3.80
1.38	0.39	4.15	6.16	1.93	99.978	6.160	1.932	0.00	4.15
1.39	0.39	4.50	6.55	2.08	99.952	6.550	2.085	0.00	4.50
1.40	0.38	4.84	6.93	2.24	99.923	6.929	2.236	0.01	4.84
1.41	2.93	5.07	9.86	3.08	99.890	9.856	3.077	0.07	5.07
1.42	3.48	5.30	13.34	3.66	99.854	13.331	3.657	0.10	5.30
1.43	3.89	5.53	17.23	4.08	99.816	17.214	4.079	0.15	5.53
1.44	4.16	5.75	21.39	4.41	99.774	21.365	4.404	0.19	5.75
1.45	4.29	5.88	25.68	4.67	99.729	25.643	4.667	0.24	5.98
1.46	4.27	6.98	29.95	5.00	99.681	29.899	4.996	0.28	6.98
1.47	4.11	7.98	34.06	5.36	99.630	33.994	5.356	0.31	7.98
1.48	3.81	8.97	37.87	5.72	99.577	37.788	5.718	0.33	8.97
1.49	3.36	9.95	41.23	6.07	99.521	41.132	6.062	0.33	9.95
1.50	2.78	10.83	44.01	6.37	99.463	43.897	6.369	0.30	10.93
1.51	2.43	11.82	46.44	6.66	99.402	46.312	6.653	0.29	11.82
1.52	2.40	12.70	48.84	6.95	99.339	48.697	6.949	0.32	12.70
1.53	2.35	13.57	51.19	7.26	99.274	51.029	7.252	0.35	13.57
1.54	2.28	14.44	53.47	7.56	99.206	53.291	7.557	0.37	14.44
1.55	2.19	15.31	55.66	7.87	99.137	55.462	7.861	0.38	15.31
1.56	2.08	16.51	57.74	8.18	99.066	57.523	8.170	0.39	16.51
1.57	1.94	17.70	59.68	8.49	98.993	59.443	8.478	0.40	17.70
1.58	1.78	18.68	61.46	8.79	98.921	61.204	8.778	0.39	18.68
1.59	1.60	20.06	63.06	9.08	98.833	62.786	9.062	0.38	20.06
1.60	1.39	21.23	64.45	9.34	98.737	64.158	9.322	0.36	21.23
1.61	1.28	22.38	65.73	9.59	98.632	65.421	9.574	0.35	22.38
1.62	1.26	23.53	66.99	9.86	98.520	66.662	9.834	0.38	23.53
1.63	1.23	24.66	68.22	10.12	98.402	67.872	10.098	0.40	24.66
1.64	1.18	25.79	69.40	10.39	98.278	69.032	10.362	0.41	25.79
1.65	1.13	26.91	70.53	10.65	98.148	70.141	10.624	0.42	26.91
1.66	1.05	27.29	71.58	10.90	98.014	71.170	10.865	0.42	27.29
1.67	0.96	27.67	72.54	11.12	97.857	72.110	11.084	0.42	27.67
1.68	0.86	28.04	73.40	11.32	97.703	72.950	11.279	0.40	28.04
1.69	0.75	28.42	74.15	11.49	97.539	73.681	11.449	0.37	28.42
1.70	0.62	28.79	74.77	11.63	97.364	74.285	11.590	0.33	28.79
1.71	.53	29.18	75.30	11.76	97.180	74.800	11.711	.5	29.18
1.72	.49	29.58	75.79	11.87	96.988	75.275	11.824	.0	29.58

1.73	0.47	29.97	76.26	11.98	96.787	75.730	11.933	0.31	29.97
1.74	0.45	30.35	76.71	12.09	96.579	76.165	12.038	0.31	30.35
1.75	0.44	30.74	77.15	12.20	96.365	76.589	12.142	0.32	30.74
1.76	0.44	31.47	77.59	12.31	96.144	77.012	12.248	0.34	31.47
1.77	0.46	32.21	78.05	12.42	95.918	77.453	12.361	0.38	32.21
1.78	0.48	32.93	78.53	12.55	95.688	77.912	12.483	0.42	32.93
1.79	0.51	33.66	79.04	12.69	95.454	78.399	12.614	0.47	33.66
1.80	0.55	34.38	79.59	12.84	95.216	78.923	12.759	0.53	34.38
1.81	0.61	34.93	80.20	13.00	94.976	79.502	12.920	0.62	34.93
1.82	0.67	35.48	80.87	13.18	94.752	80.137	13.099	0.71	35.48
1.83	0.71	36.02	81.58	13.39	94.488	80.808	13.289	0.79	36.02
1.84	0.73	36.57	82.31	13.59	94.210	81.496	13.486	0.86	36.57
1.85	0.72	37.11	83.03	13.80	93.918	82.172	13.680	0.89	37.11
1.86	0.70	37.76	83.73	14.00	93.611	82.827	13.871	0.91	37.76
1.87	0.65	38.41	84.38	14.19	93.290	83.434	14.049	0.88	38.41
1.88	0.58	39.06	84.96	14.36	92.955	83.973	14.209	0.83	39.06
1.89	0.50	39.70	85.46	14.51	92.606	84.436	14.349	0.75	39.70
1.90	0.39	40.34	85.85	14.62	92.242	84.795	14.460	0.61	40.34
1.91	0.32	40.84	86.17	14.72	91.865	85.089	14.551	0.53	40.84
1.92	0.31	41.33	86.48	14.82	91.474	85.373	14.640	0.54	41.33
1.93	0.30	41.82	86.78	14.91	91.070	85.646	14.726	0.54	41.82
1.94	0.29	42.31	87.07	15.00	90.652	85.909	14.811	0.55	42.31
1.95	0.29	42.80	87.36	15.09	90.221	86.171	14.896	0.57	42.80
1.96	0.28	43.76	87.64	15.18	89.548	86.421	14.979	0.69	43.76
1.97	0.28	44.72	87.92	15.28	89.082	86.671	15.065	0.62	44.72
1.98	0.29	45.67	88.21	15.38	88.602	86.928	15.156	0.67	45.67
1.99	0.29	46.62	88.50	15.48	88.109	87.183	15.248	0.70	46.62
2.00	0.30	47.56	88.80	15.59	87.603	87.446	15.345	0.75	47.56
2.01	0.31	48.25	89.11	15.70	87.085	87.716	15.446	0.81	48.25
2.02	0.32	48.95	89.43	15.82	86.555	87.993	15.552	0.87	48.95
2.03	0.32	49.63	89.75	15.94	86.013	88.268	15.658	0.91	49.63
2.04	0.32	50.32	90.07	16.06	85.460	88.542	15.765	0.94	50.32
2.05	0.32	51.00	90.39	16.19	84.896	88.813	15.873	0.98	51.00
2.06	0.32	51.90	90.71	16.31	84.322	89.083	15.982	1.02	51.90
2.07	0.31	52.79	91.02	16.44	83.739	89.343	16.089	1.02	52.79
2.08	0.30	53.69	91.32	16.56	83.146	89.592	16.193	1.02	53.69
2.09	0.29	54.58	91.61	16.68	82.545	89.832	16.296	1.03	54.58
2.10	0.28	55.46	91.89	16.80	81.934	90.061	16.395	1.03	55.46
2.11	0.23	56.61	92.12	16.90	81.317	90.248	16.479	0.87	56.61
2.12	0.16	57.76	92.28	16.97	80.691	90.377	16.538	0.63	57.76
2.13	0.10	58.80	92.38	17.01	80.069	90.457	16.575	0.40	58.80
2.14	0.06	60.03	92.44	17.04	79.419	90.505	16.598	0.25	60.03
2.15	0.04	61.16	92.48	17.06	78.774	90.536	16.614	0.17	61.16
2.16	0.02	61.20	92.50	17.07	78.123	90.552	16.621	0.09	61.20
2.17	0.03	61.23	92.53	17.09	77.467	90.575	16.633	0.14	61.23
2.18	0.04	61.27	92.57	17.10	76.806	90.606	16.648	0.19	61.27
2.19	0.07	61.30	92.64	17.14	76.140	90.659	16.674	0.94	61.30
2.20	0.12	61.34	92.76	17.19	75.471	90.750	16.719	0.60	61.34
2.21	0.14	61.53	92.90	17.26	74.798	90.855	16.770	0.72	61.53
2.22	0.14	61.72	93.04	17.33	74.316	90.959	16.822	0.73	61.72
2.23	0.14	61.90	93.18	17.40	73.612	91.062	16.873	0.75	61.90
2.24	0.14	62.09	93.32	17.46	72.889	91.164	16.923	0.77	62.09
2.25	0.15	62.28	93.47	17.53	72.149	91.272	16.977	0.85	62.28
2.26	0.19	62.88	93.62	17.61	71.393	91.379	17.031	0.87	62.88
2.27	0.15	63.48	93.77	17.68	70.622	91.485	17.085	0.89	63.48
2.28	0.16	64.08	93.93	17.76	69.838	91.597	17.142	0.98	64.08
2.29	0.17	64.67	94.10	17.84	69.042	91.714	17.203	1.07	64.67
2.30	0.17	65.27	94.27	17.93	68.235	91.830	17.264	1.09	65.27
2.31	0.21	65.27	94.48	18.03	67.420	91.972	17.338	1.39	65.27
2.32	0.21	65.27	94.69	18.14	66.596	92.112	17.410	1.42	65.27
2.33	0.21	65.27	94.90	18.24	65.767	92.250	17.482	1.46	65.27
2.34	0.20	65.27	95.10	18.34	64.932	92.380	17.549	1.42	65.27

2.35	0.20	65.27	95.30	18.44	64.094	92.508	17.615	1.46	65.27
2.36	0.20	65.27	95.50	18.54	63.253	92.634	17.680	1.49	65.27
2.37	0.20	65.27	95.70	18.64	62.411	92.759	17.745	1.52	65.27
2.38	0.20	65.27	95.90	18.73	61.570	92.882	17.808	1.56	65.27
2.39	0.20	65.27	96.10	18.83	60.731	93.004	17.869	1.59	65.27
2.40	0.20	65.27	96.30	18.93	59.894	93.123	17.930	1.63	65.27
2.41	0.20	65.27	96.50	19.02	59.063	93.242	17.990	1.66	65.27
2.42	0.20	65.27	96.70	19.12	58.237	93.358	18.049	1.69	65.27
2.43	0.20	65.27	96.90	19.21	57.418	93.473	18.107	1.73	65.27
2.44	0.20	65.27	97.10	19.31	56.608	93.586	18.165	1.76	65.27
2.45	0.20	65.27	97.30	19.40	55.808	93.698	18.221	1.79	65.27
2.46	0.19	67.37	97.49	19.50	55.020	93.802	18.275	1.73	67.37
2.47	0.19	69.47	97.68	19.59	54.244	93.905	18.332	1.76	69.47
2.48	0.19	71.56	97.87	19.70	53.483	94.007	18.389	1.79	71.56
2.49	0.18	73.64	98.05	19.79	52.736	94.102	18.445	1.72	73.64
2.50	0.18	75.72	98.23	19.90	52.007	94.196	18.502	1.75	75.72
2.51	0.18	77.78	98.41	20.00	51.296	94.288	18.560	1.78	77.78
2.52	0.18	79.84	98.59	20.11	50.604	94.379	18.618	1.80	79.84
2.53	0.18	81.88	98.77	20.22	49.934	94.469	18.679	1.83	81.88
2.54	0.18	83.93	98.95	20.34	49.341	94.558	18.740	1.85	83.93
2.55	0.18	85.96	99.13	20.46	48.686	94.645	18.803	1.87	85.96
2.56	0.18	87.98	99.31	20.58	48.037	94.732	18.866	1.90	87.98
2.57	0.18	90.00	99.49	20.71	47.393	94.817	18.930	1.92	90.00
2.58	0.18	92.01	99.67	20.84	46.754	94.901	18.995	1.94	92.01
2.59	0.18	94.01	99.85	20.97	46.120	94.984	19.060	1.97	94.01
2.60	0.18	96.00	100.03	21.10	45.492	95.066	19.126	1.99	96.00

HEAD ASH %	21.10	CLEAN COAL ASH %	19.13	REFUSE ASH %	59.19
THEO. YIELD	96.72	CLEAN COAL YIELD%	95.07	REFUSE YIELD%	4.93
SG OF SEPARATION	2.421	ECART PROB. MOYEN	0.4142		
NEAR GRAVITY MAT	3.898	IMPERFECTION	0.271		
ORGANIC EFFCY.	98.30				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 30 WID: WA1 EQUIPE WOC2 SG-ASH 19.00 EP 0.341 SG 1.88
---------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.220	0.0	0.010	0.0	0.01
1.24	0.23	0.12	0.23	0.12	99.165	0.228	0.120	0.01	0.12
1.25	0.23	0.22	0.46	0.17	99.109	0.456	0.170	0.02	0.22
1.26	0.23	0.33	0.69	0.22	99.052	0.684	0.223	0.02	0.33
1.27	0.23	0.43	0.92	0.27	98.941	0.911	0.275	0.02	0.43
1.28	0.23	0.54	1.15	0.33	98.879	1.139	0.328	0.02	0.54
1.29	0.22	0.64	1.37	0.38	98.815	1.356	0.378	0.02	0.64
1.30	0.22	0.74	1.59	0.43	98.747	1.573	0.428	0.02	0.74
1.31	0.22	0.84	1.81	0.48	98.676	1.791	0.478	0.02	0.84
1.32	0.22	1.01	2.03	0.54	98.601	2.007	0.535	0.02	1.01
1.33	0.22	1.25	2.25	0.61	98.520	2.224	0.605	0.02	1.25
1.34	0.22	1.48	2.47	0.68	98.435	2.441	0.683	0.09	1.48
1.35	0.21	1.72	2.68	0.76	98.344	2.647	0.764	0.03	1.72
1.36	0.21	1.95	2.89	0.85	98.247	2.854	0.849	0.03	1.95
1.37	0.21	2.18	3.10	0.94	98.143	3.060	0.939	0.03	2.18
1.38	0.21	2.41	3.31	1.03	98.033	3.266	1.032	0.03	2.41
1.39	0.21	2.63	3.52	1.13	97.914	3.471	1.126	0.03	2.63
1.40	0.21	2.86	3.73	1.23	97.788	3.677	1.223	0.04	2.86
1.41	4.44	2.88	8.17	2.13	97.653	8.012	2.120	0.79	2.88
1.42	6.05	2.89	14.22	2.45	97.509	13.912	2.446	1.15	2.89
1.43	7.21	2.91	21.43	2.61	97.356	20.931	2.602	1.45	2.91
1.44	7.93	2.93	29.36	2.69	97.192	28.638	2.690	1.69	2.93
1.45	8.19	2.95	37.55	2.75	97.019	36.584	2.747	1.86	2.95
1.46	8.00	4.48	45.55	3.05	96.834	44.331	3.050	1.92	4.48
1.47	7.37	6.00	52.92	3.46	96.638	51.453	3.458	1.88	6.00
1.48	6.28	7.51	59.20	3.89	96.430	57.509	3.885	1.70	7.51
1.49	4.75	9.01	63.95	4.27	96.209	62.079	4.262	1.37	9.01
1.50	2.76	10.49	66.71	4.53	95.976	64.728	4.517	0.84	10.49
1.51	1.58	12.29	68.29	4.71	95.742	66.241	4.694	0.51	12.29
1.52	1.48	14.07	69.77	4.91	95.450	67.653	4.890	0.51	14.07
1.53	1.38	15.84	71.15	5.12	95.130	68.966	5.099	0.51	15.84
1.54	1.27	17.59	72.42	5.34	94.789	70.170	5.313	0.50	17.59
1.55	1.15	19.34	73.57	5.56	94.435	71.256	5.527	0.49	19.34
1.56	1.03	19.84	74.60	5.75	94.075	72.225	5.719	0.46	19.84
1.57	0.89	20.34	75.49	5.93	93.714	73.059	5.886	0.43	20.34
1.58	0.75	20.83	76.24	6.07	93.405	73.759	6.028	0.38	20.83
1.59	0.59	21.33	76.83	6.19	93.072	74.308	6.141	0.31	21.33
1.60	0.43	21.82	77.26	6.28	92.731	74.707	6.224	0.24	21.82
1.61	0.35	22.63	77.61	6.35	92.362	75.030	6.295	0.20	22.63
1.62	0.37	23.45	77.98	6.43	91.944	75.371	6.372	0.23	23.45
1.63	0.37	24.26	78.35	6.52	91.455	75.709	6.452	0.24	24.26
1.64	0.37	25.06	78.72	6.60	90.876	76.045	6.535	0.26	25.06
1.65	0.36	25.86	79.08	6.69	90.374	76.371	6.617	0.26	25.86
1.66	0.34	26.51	79.42	6.78	89.721	76.676	6.696	0.27	26.51
1.67	0.32	27.17	79.74	6.86	89.044	76.961	6.772	0.27	27.17
1.68	0.28	27.81	80.02	6.93	88.350	77.208	6.839	0.25	27.81
1.69	0.24	28.46	80.26	7.00	87.644	77.418	6.898	0.23	28.46
1.70	0.20	29.10	80.46	7.06	86.932	77.592	6.948	0.20	29.10
1.71	0.17	29.68	80.63	7.10	86.220	77.739	6.991	0.18	29.68
1.72	0.16	30.26	80.79	7.14	85.512	77.876	7.032	0.18	30.26

1.73	0.15	30.83	80.94	7.19	84.815	78.003	7.070	0.17	30.83
1.74	0.15	31.40	81.09	7.23	84.134	78.129	7.110	0.18	31.40
1.75	0.14	31.97	81.23	7.28	83.336	78.246	7.147	0.18	31.97
1.76	0.14	32.53	81.37	7.32	82.677	78.361	7.184	0.18	32.53
1.77	0.13	33.09	81.50	7.36	82.023	78.468	7.219	0.18	33.09
1.78	0.13	33.65	81.63	7.40	81.372	78.574	7.255	0.18	33.65
1.79	0.13	34.20	81.76	7.44	80.722	78.679	7.291	0.19	34.20
1.80	0.12	34.75	81.88	7.48	80.074	78.775	7.324	0.18	34.75
1.81	0.12	35.30	82.00	7.53	79.426	78.870	7.358	0.19	35.30
1.82	0.12	35.85	82.12	7.57	78.776	78.965	7.392	0.19	35.85
1.83	0.12	36.39	82.24	7.61	78.125	79.059	7.427	0.20	36.39
1.84	0.11	36.93	82.35	7.65	77.470	79.144	7.459	0.19	36.93
1.85	0.11	37.46	82.46	7.69	76.810	79.228	7.491	0.19	37.46
1.86	0.11	38.00	82.57	7.73	76.146	79.312	7.523	0.20	38.00
1.87	0.11	38.53	82.68	7.77	75.474	79.395	7.555	0.20	38.53
1.88	0.11	39.06	82.79	7.81	74.796	79.477	7.588	0.21	39.06
1.89	0.11	39.58	82.90	7.85	74.306	79.559	7.621	0.21	39.58
1.90	0.11	40.10	83.01	7.90	73.587	79.640	7.654	0.22	40.10
1.91	0.11	40.88	83.12	7.94	72.844	79.720	7.687	0.23	40.88
1.92	0.12	41.65	83.24	7.99	72.080	79.807	7.724	0.25	41.65
1.93	0.12	42.41	83.36	8.04	71.297	79.892	7.761	0.26	42.41
1.94	0.12	43.17	83.48	8.09	70.498	79.977	7.799	0.27	43.17
1.95	0.12	43.93	83.60	8.14	69.683	80.060	7.836	0.28	43.93
1.96	0.13	44.69	83.73	8.20	68.855	80.150	7.877	0.31	44.69
1.97	0.13	45.44	83.86	8.25	68.017	80.238	7.919	0.32	45.44
1.98	0.13	46.18	83.99	8.31	67.171	80.326	7.960	0.32	46.18
1.99	0.14	46.93	84.13	8.38	66.318	80.418	8.005	0.36	46.93
2.00	0.14	47.66	84.27	8.44	65.461	80.510	8.051	0.37	47.66
2.01	0.15	48.40	84.42	8.51	64.602	80.607	8.099	0.40	48.40
2.02	0.15	49.13	84.57	8.59	63.742	80.703	8.148	0.41	49.13
2.03	0.16	49.86	84.73	8.66	63.115	80.804	8.200	0.45	49.86
2.04	0.17	50.58	84.90	8.75	62.183	80.909	8.255	0.49	50.58
2.05	0.17	51.30	85.07	8.83	61.214	81.013	8.310	0.50	51.30
2.06	0.18	52.02	85.25	8.92	60.216	81.122	8.369	0.54	52.02
2.07	0.19	52.73	85.44	9.02	59.200	81.234	8.430	0.59	52.73
2.08	0.20	53.45	85.64	9.12	58.173	81.351	8.495	0.64	53.45
2.09	0.21	54.15	85.85	9.23	57.146	81.471	8.562	0.68	54.15
2.10	0.21	54.86	86.06	9.35	56.127	81.588	8.629	0.70	54.86
2.11	0.31	55.33	86.37	9.51	55.125	81.759	8.726	1.06	55.33
2.12	0.31	55.80	86.68	9.68	54.150	81.927	8.823	1.08	55.80
2.13	0.31	56.26	86.99	9.84	53.210	82.092	8.918	1.10	56.26
2.14	0.31	56.73	87.30	10.01	52.316	82.254	9.012	1.12	56.73
2.15	0.30	57.19	87.60	10.17	51.475	82.409	9.103	1.11	57.19
2.16	0.30	57.65	87.90	10.33	50.244	82.560	9.191	1.13	57.65
2.17	0.30	58.11	88.20	10.50	49.515	82.708	9.279	1.15	58.11
2.18	0.30	58.57	88.50	10.66	48.808	82.854	9.366	1.17	58.57
2.19	0.30	59.02	88.80	10.82	48.116	82.999	9.453	1.18	59.02
2.20	0.30	59.47	89.10	10.99	47.434	83.141	9.538	1.20	59.47
2.21	0.30	59.92	89.40	11.15	46.756	83.281	9.623	1.21	59.92
2.22	0.29	60.37	89.69	11.31	46.077	83.415	9.704	1.19	60.37
2.23	0.29	60.81	89.98	11.47	45.390	83.547	9.785	1.20	60.81
2.24	0.29	61.26	90.27	11.63	44.690	83.676	9.865	1.22	61.26
2.25	0.29	61.70	90.56	11.79	43.970	83.804	9.944	1.23	61.70
2.26	0.29	62.14	90.85	11.95	43.226	83.929	10.022	1.25	62.14
2.27	0.29	62.58	91.14	12.11	43.002	84.054	10.100	1.26	62.58
2.28	0.29	63.01	91.43	12.27	42.239	84.176	10.177	1.27	63.01
2.29	0.29	63.45	91.72	12.43	41.464	84.297	10.252	1.29	63.45
2.30	0.28	63.88	92.00	12.59	40.684	84.410	10.325	1.28	63.88
2.31	0.28	64.31	92.28	12.75	39.902	84.522	10.398	1.28	64.31
2.32	0.28	64.74	92.56	12.90	39.124	84.632	10.467	1.30	64.74
2.33	0.28	65.17	92.84	13.06	38.354	84.739	10.536	1.31	65.17
2.34	0.28	65.59	93.12	13.22	37.596	84.844	10.604	1.33	65.59

2.35	0.28	66.01	93.40	13.38	36.857	84.948	10.672	1.34	66.01
2.36	0.28	67.27	93.68	13.54	36.140	85.049	10.739	1.36	67.27
2.37	0.28	68.53	93.96	13.70	35.313	85.148	10.806	1.38	68.53
2.38	0.27	69.78	94.23	13.86	34.647	85.241	10.871	1.34	69.78
2.39	0.27	71.02	94.50	14.03	34.000	85.333	10.935	1.35	71.02
2.40	0.27	72.26	94.77	14.19	33.370	85.423	11.000	1.37	72.26
2.41	0.27	73.49	95.04	14.36	32.756	85.512	11.065	1.38	73.49
2.42	0.27	74.72	95.31	14.53	32.154	85.598	11.129	1.39	74.72
2.43	0.27	75.94	95.58	14.71	31.564	85.684	11.194	1.40	75.94
2.44	0.27	77.16	95.85	14.88	30.983	85.767	11.258	1.42	77.16
2.45	0.27	78.37	96.12	15.06	30.409	85.849	11.322	1.43	78.37
2.46	0.27	79.58	96.39	15.24	29.841	85.930	11.386	1.44	79.58
2.47	0.26	80.79	96.65	15.42	29.275	86.006	11.448	1.40	80.79
2.48	0.26	81.98	96.91	15.60	28.711	86.081	11.509	1.41	81.98
2.49	0.26	83.18	97.17	15.78	28.147	86.154	11.570	1.42	83.18
2.50	0.26	84.37	97.43	15.96	27.180	86.225	11.629	1.44	84.37
2.51	0.26	85.56	97.69	16.14	26.606	86.294	11.689	1.45	85.56
2.52	0.26	86.73	97.95	16.33	26.032	86.361	11.747	1.46	86.73
2.53	0.26	87.90	98.21	16.52	25.458	86.428	11.806	1.47	87.90
2.54	0.26	89.08	98.47	16.71	24.887	86.492	11.864	1.48	89.08
2.55	0.26	90.24	98.73	16.91	24.321	86.556	11.921	1.50	90.24
2.56	0.25	91.40	98.98	17.09	23.762	86.615	11.975	1.45	91.40
2.57	0.25	92.56	99.23	17.29	23.212	86.673	12.029	1.46	92.56
2.58	0.25	93.71	99.48	17.48	22.673	86.730	12.083	1.47	93.71
2.59	0.25	94.86	99.73	17.67	22.147	86.785	12.136	1.48	94.86
2.60	0.25	96.00	99.98	17.87	21.636	86.839	12.188	1.49	96.00

HEAD ASH %	17.87	CLEAN COAL ASH %	12.19	REFUSE ASH %	55.34
THEO. YIELD	91.28	CLEAN COAL YIELD%	86.84	REFUSE YIELD%	13.16
SG OF SEPARATION	2.275	ECART PROB. MOYEN	0.3414		
NEAR GRAVITY MAT	5.746	IMPERFECTION	0.388		
ORGANIC EFFCY.	95.14				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 31 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.59 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.220	0.0	0.010	0.0	0.01
1.24	0.01	0.07	0.01	0.07	99.165	0.010	0.070	0.00	0.07
1.25	0.01	0.13	0.02	0.10	99.109	0.020	0.100	0.00	0.13
1.26	0.01	0.20	0.03	0.13	99.052	0.030	0.133	0.00	0.20
1.27	0.01	0.26	0.04	0.16	98.941	0.040	0.165	0.00	0.26
1.28	0.01	0.32	0.05	0.20	98.879	0.050	0.196	0.00	0.32
1.29	0.01	0.38	0.06	0.23	98.815	0.059	0.227	0.00	0.38
1.30	0.01	0.44	0.07	0.26	98.747	0.069	0.257	0.00	0.44
1.31	0.01	0.50	0.08	0.29	98.676	0.079	0.287	0.00	0.50
1.32	0.01	0.71	0.09	0.33	98.601	0.089	0.334	0.00	0.71
1.33	0.01	1.06	0.10	0.41	98.520	0.099	0.406	0.00	1.06
1.34	0.01	1.42	0.11	0.50	98.435	0.109	0.498	0.00	1.42
1.35	0.01	1.77	0.12	0.60	98.344	0.119	0.604	0.00	1.77
1.36	0.01	2.13	0.13	0.72	98.247	0.128	0.721	0.00	2.13
1.37	0.01	2.47	0.14	0.85	98.143	0.138	0.845	0.00	2.47
1.38	0.01	2.82	0.15	0.98	98.033	0.148	0.976	0.00	2.82
1.39	0.01	3.16	0.16	1.11	97.914	0.158	1.111	0.00	3.16
1.40	0.01	3.50	0.17	1.26	97.788	0.168	1.251	0.00	3.50
1.41	2.49	3.79	2.66	3.63	97.653	2.599	3.626	0.19	3.79
1.42	3.24	4.08	5.90	3.88	97.509	5.758	3.875	0.26	4.08
1.43	3.79	4.36	9.69	4.07	97.356	9.448	4.065	0.32	4.36
1.44	4.14	4.64	13.83	4.24	97.192	13.472	4.236	0.37	4.64
1.45	4.28	4.92	18.11	4.40	97.019	17.624	4.397	0.40	4.92
1.46	4.22	6.18	22.33	4.74	96.834	21.711	4.733	0.42	6.18
1.47	3.95	7.43	26.28	5.14	96.638	25.528	5.136	0.42	7.43
1.48	3.49	8.67	29.77	5.55	96.430	28.893	5.548	0.40	8.67
1.49	2.82	9.90	32.59	5.93	96.209	31.606	5.921	0.34	9.90
1.50	1.94	11.12	34.53	6.22	95.976	33.468	6.211	0.25	11.12
1.51	1.42	12.32	35.95	6.46	95.742	34.828	6.449	0.19	12.32
1.52	1.38	13.52	37.33	6.72	95.450	36.145	6.707	0.20	13.52
1.53	1.33	14.70	38.66	7.00	95.130	37.410	6.977	0.21	14.70
1.54	1.27	15.88	39.93	7.28	94.789	38.614	7.255	0.21	15.88
1.55	1.20	17.04	41.13	7.57	94.435	39.747	7.534	0.21	17.04
1.56	1.11	17.71	42.24	7.83	94.075	40.792	7.794	0.21	17.71
1.57	1.02	18.37	43.26	8.08	93.714	41.747	8.036	0.20	18.37
1.58	0.91	19.03	44.17	8.31	93.408	42.597	8.256	0.19	19.03
1.59	0.79	19.68	44.96	8.51	93.072	43.333	8.450	0.17	19.68
1.60	0.65	20.33	45.61	8.67	92.731	43.935	8.613	0.15	20.33
1.61	0.59	21.03	46.20	8.83	92.362	44.480	8.765	0.14	21.03
1.62	0.60	21.73	46.80	9.00	91.944	45.032	8.924	0.15	21.73
1.63	0.60	22.42	47.40	9.17	91.458	45.581	9.086	0.16	22.42
1.64	0.59	23.10	47.99	9.34	90.876	46.117	9.249	0.17	23.10
1.65	0.58	23.78	48.57	9.51	90.374	46.641	9.412	0.18	23.78
1.66	0.56	24.78	49.13	9.69	89.721	47.144	9.576	0.18	24.78
1.67	0.54	25.78	49.67	9.86	89.044	47.624	9.740	0.19	25.78
1.68	0.51	26.77	50.18	10.03	88.350	48.075	9.899	0.19	26.77
1.69	0.47	27.75	50.65	10.20	87.644	48.487	10.051	0.18	27.76
1.70	0.43	28.73	51.08	10.35	86.932	48.861	10.194	0.18	28.73
1.71	0.40	29.18	51.48	10.50	86.220	49.206	10.327	0.17	29.18
1.72	0.40	29.63	51.88	10.65	85.512	49.548	10.460	0.18	29.63

1.73	0.40	30.08	52.28	10.79	84.815	49.887	10.594	0.19	30.08
1.74	0.40	30.52	52.68	10.94	84.134	50.223	10.727	0.20	30.52
1.75	0.39	30.96	53.07	11.09	83.336	50.548	10.857	0.21	30.96
1.76	0.38	33.13	53.45	11.25	82.677	50.863	10.995	0.21	33.13
1.77	0.37	35.29	53.82	11.41	82.023	51.166	11.139	0.21	35.29
1.78	0.36	37.43	54.18	11.59	81.372	51.459	11.289	0.21	37.43
1.79	0.35	39.56	54.53	11.77	80.722	51.742	11.443	0.21	39.56
1.80	0.34	41.68	54.87	11.95	80.074	52.014	11.601	0.21	41.68
1.81	0.33	43.54	55.20	12.14	79.426	52.276	11.761	0.22	43.54
1.82	0.33	45.40	55.53	12.34	78.776	52.536	11.928	0.22	45.40
1.83	0.33	47.24	55.86	12.54	78.125	52.794	12.100	0.23	47.24
1.84	0.32	49.08	56.18	12.75	77.470	53.042	12.279	0.23	49.08
1.85	0.31	50.90	56.49	12.96	76.810	53.280	12.446	0.23	50.90
1.86	0.29	50.96	56.78	13.16	76.146	53.501	12.605	0.22	50.96
1.87	0.28	51.01	57.06	13.34	75.474	53.712	12.756	0.22	51.01
1.88	0.26	51.07	57.32	13.51	74.796	53.906	12.894	0.21	51.07
1.89	0.23	51.12	57.55	13.66	74.306	54.077	13.015	0.18	51.12
1.90	0.20	51.18	57.75	13.79	73.587	54.224	13.118	0.17	51.18
1.91	0.19	51.51	57.94	13.92	72.844	54.363	13.216	0.16	51.51
1.92	0.18	51.84	58.12	14.03	72.080	54.493	13.308	0.16	51.84
1.93	0.17	52.17	58.29	14.15	71.297	54.614	13.394	0.15	52.17
1.94	0.17	52.49	58.46	14.26	70.498	54.734	13.480	0.16	52.49
1.95	0.16	52.82	58.62	14.36	69.683	54.845	13.560	0.15	52.82
1.96	0.15	53.14	58.77	14.46	68.855	54.948	13.634	0.15	53.14
1.97	0.15	53.47	58.92	14.56	68.017	55.050	13.708	0.15	53.47
1.98	0.15	53.79	59.07	14.66	67.171	55.151	13.781	0.16	53.79
1.99	0.14	54.11	59.21	14.75	66.318	55.244	13.849	0.15	54.11
2.00	0.14	54.42	59.35	14.85	65.461	55.336	13.916	0.15	54.42
2.01	0.14	54.94	59.49	14.94	64.602	55.426	13.983	0.16	54.94
2.02	0.14	55.45	59.63	15.04	63.742	55.515	14.050	0.16	55.45
2.03	0.13	55.96	59.76	15.13	63.115	55.597	14.112	0.15	55.96
2.04	0.13	56.47	59.89	15.21	62.183	55.678	14.173	0.16	56.47
2.05	0.13	56.98	60.02	15.31	61.214	55.758	14.234	0.16	56.98
2.06	0.13	57.48	60.15	15.40	60.216	55.836	14.295	0.16	57.48
2.07	0.14	57.98	60.29	15.50	59.200	55.919	14.360	0.18	57.98
2.08	0.14	58.48	60.43	15.59	58.173	56.000	14.424	0.19	58.48
2.09	0.14	58.98	60.57	15.70	57.146	56.080	14.488	0.19	58.98
2.10	0.14	59.47	60.71	15.80	56.127	56.159	14.550	0.19	59.47
2.11	0.14	59.87	60.85	15.90	55.125	56.236	14.613	0.20	59.87
2.12	0.13	60.27	60.98	15.99	54.150	56.307	14.670	0.19	60.27
2.13	0.12	60.66	61.10	16.08	53.210	56.370	14.722	0.18	60.66
2.14	0.11	61.05	61.21	16.16	52.316	56.428	14.769	0.17	61.05
2.15	0.11	61.44	61.32	16.24	51.475	56.485	14.816	0.17	61.44
2.16	0.10	61.83	61.42	16.32	50.244	56.535	14.858	0.16	61.83
2.17	0.10	62.22	61.52	16.39	49.515	56.584	14.899	0.16	62.22
2.18	0.09	62.60	61.61	16.46	48.808	56.628	14.936	0.15	62.60
2.19	0.09	62.99	61.70	16.53	48.116	56.672	14.973	0.15	62.99
2.20	0.09	63.37	61.79	16.59	47.434	56.714	15.009	0.15	63.37
2.21	0.09	64.30	61.88	16.66	46.756	56.756	15.046	0.15	64.30
2.22	0.09	65.24	61.97	16.73	46.077	56.798	15.082	0.15	65.24
2.23	0.09	66.17	62.06	16.81	45.390	56.839	15.119	0.16	66.17
2.24	0.10	67.09	62.16	16.89	44.690	56.883	15.160	0.18	67.09
2.25	0.10	68.01	62.26	16.97	43.970	56.927	15.201	0.18	68.01
2.26	0.11	68.93	62.37	17.06	43.226	56.975	15.246	0.20	68.93
2.27	0.11	69.84	62.48	17.15	43.002	57.022	15.291	0.20	69.84
2.28	0.12	70.75	62.60	17.26	42.239	57.073	15.340	0.22	70.75
2.29	0.13	71.65	62.73	17.37	41.464	57.127	15.393	0.24	71.65
2.30	0.14	72.55	62.87	17.49	40.684	57.184	15.450	0.26	72.55
2.31	1.31	73.32	64.18	18.63	39.902	57.706	15.974	2.50	73.32
2.32	1.31	74.08	65.49	19.74	39.124	58.219	16.486	2.53	74.08
2.33	1.30	74.84	66.79	20.81	38.354	58.718	16.982	2.54	74.84
2.34	1.30	75.60	68.09	21.86	37.596	59.206	17.465	2.57	75.60

2.35	1.29	76.35	69.38	22.87	36.857	59.682	17.935	2.58	76.35
2.36	1.28	77.10	70.66	23.85	36.140	60.144	18.390	2.59	77.10
2.37	1.28	77.85	71.94	24.82	35.313	60.596	18.833	2.63	77.85
2.38	1.27	78.59	73.21	25.75	34.647	61.036	19.264	2.63	78.59
2.39	1.27	79.33	74.48	26.66	34.000	61.468	19.686	2.66	79.33
2.40	1.26	80.07	75.74	27.55	33.370	61.889	20.096	2.66	80.07
2.41	1.26	80.80	77.00	28.42	32.756	62.301	20.498	2.69	80.80
2.42	1.25	81.54	78.25	29.27	32.154	62.703	20.890	2.69	81.54
2.43	1.25	82.26	79.50	30.10	31.564	63.098	21.273	2.71	82.26
2.44	1.24	82.99	80.74	30.92	30.983	63.482	21.647	2.71	82.99
2.45	1.24	83.71	81.98	31.71	30.409	63.859	22.013	2.74	83.71
2.46	1.23	84.55	83.21	32.49	29.841	64.226	22.371	2.74	84.55
2.47	1.23	85.39	84.44	33.27	29.275	64.586	22.722	2.76	85.39
2.48	1.22	86.23	85.66	34.02	28.711	64.937	23.065	2.76	86.23
2.49	1.22	87.06	86.88	34.76	28.147	65.280	23.401	2.78	87.06
2.50	1.21	87.89	88.09	35.49	27.180	65.609	23.725	2.79	87.89
2.51	1.21	88.71	89.30	36.22	26.606	65.931	24.042	2.82	88.71
2.52	1.20	89.54	90.50	36.92	26.032	66.243	24.351	2.81	89.54
2.53	1.20	90.36	91.70	37.62	25.458	66.549	24.654	2.84	90.36
2.54	1.19	91.17	92.89	38.31	24.887	66.845	24.949	2.83	91.17
2.55	1.19	91.98	94.08	38.99	24.321	67.134	25.238	2.86	91.98
2.56	1.18	92.79	95.26	39.65	23.762	67.415	25.519	2.85	92.79
2.57	1.18	93.60	96.44	40.31	23.212	67.689	25.794	2.87	93.60
2.58	1.17	94.40	97.61	40.96	22.673	67.954	26.062	2.87	94.40
2.59	1.17	95.20	98.78	41.60	22.147	68.213	26.325	2.89	95.20
2.60	1.17	96.00	99.95	42.24	21.636	68.466	26.582	2.91	96.00

HEAD ASH %	42.24	CLEAN COAL ASH %	26.58	REFUSE ASH %	76.24
THEO. YIELD	74.37	CLEAN COAL YIELD%	68.47	REFUSE YIELD%	31.53
SG OF SEPARATION	2.389	ECART PROB. MOYEN	0.3414		
NEAR GRAVITY MAT	24.055	IMPERFECTION	0.388		
ORGANIC EFFCY.	92.06				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 32 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 7.62 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.220	0.0	0.010	0.0	0.01
1.24	0.45	0.15	0.45	0.15	99.165	0.446	0.150	0.02	0.15
1.25	0.44	0.29	0.89	0.22	99.109	0.882	0.219	0.02	0.29
1.26	0.44	0.42	1.33	0.29	99.052	1.318	0.286	0.02	0.42
1.27	0.44	0.56	1.77	0.35	98.941	1.753	0.354	0.03	0.56
1.28	0.43	0.70	2.20	0.42	98.879	2.179	0.421	0.03	0.70
1.29	0.43	0.83	2.63	0.49	98.815	2.604	0.488	0.03	0.83
1.30	0.43	0.96	3.06	0.55	98.747	3.028	0.554	0.03	0.96
1.31	0.42	1.09	3.48	0.62	98.676	3.443	0.619	0.03	1.09
1.32	0.42	1.38	3.90	0.70	98.601	3.857	0.700	0.03	1.38
1.33	0.42	1.83	4.32	0.81	98.520	4.271	0.810	0.04	1.83
1.34	0.41	2.27	4.73	0.94	98.435	4.674	0.936	0.04	2.27
1.35	0.41	2.70	5.14	1.08	98.344	5.077	1.076	0.04	2.70
1.36	0.41	3.14	5.55	1.23	98.247	5.480	1.228	0.04	3.14
1.37	0.40	3.57	5.95	1.39	98.143	5.873	1.384	0.04	3.57
1.38	0.40	3.99	6.35	1.55	98.033	6.265	1.547	0.05	3.99
1.39	0.40	4.42	6.75	1.72	97.914	6.657	1.716	0.05	4.42
1.40	0.40	4.84	7.15	1.90	97.788	7.048	1.890	0.05	4.84
1.41	3.33	5.07	10.48	2.90	97.653	10.300	2.894	0.46	5.07
1.42	4.18	5.30	14.66	3.59	97.509	14.375	3.576	0.62	5.30
1.43	4.80	5.52	19.46	4.06	97.356	19.048	4.053	0.75	5.52
1.44	5.20	5.75	24.66	4.42	97.192	24.102	4.409	0.87	5.75
1.45	5.38	5.97	30.04	4.70	97.019	29.922	4.687	0.95	5.97
1.46	5.34	7.24	35.38	5.08	96.834	34.493	5.069	1.00	7.24
1.47	5.07	8.50	40.45	5.51	96.638	39.393	5.496	1.01	8.50
1.48	4.58	9.74	45.03	5.94	96.430	43.809	5.924	0.97	9.74
1.49	3.87	10.98	48.90	6.34	96.209	47.532	6.320	0.87	10.98
1.50	2.93	12.22	51.83	6.67	95.976	50.344	6.650	0.70	12.22
1.51	2.37	13.51	54.20	6.97	95.742	52.614	6.945	0.60	13.51
1.52	2.32	14.79	56.52	7.29	95.450	54.828	7.262	0.63	14.79
1.53	2.23	16.06	58.75	7.62	95.130	56.949	7.590	0.65	16.06
1.54	2.11	17.33	60.86	7.96	94.789	58.949	7.921	0.65	17.33
1.55	1.96	18.58	62.82	8.29	94.435	60.800	8.245	0.65	18.58
1.56	1.77	18.88	64.59	8.58	94.075	62.465	8.529	0.62	18.88
1.57	1.55	19.18	66.14	8.83	93.714	63.918	8.771	0.58	19.18
1.58	1.30	19.47	67.44	9.04	93.405	65.132	8.970	0.51	19.47
1.59	1.02	19.76	68.46	9.20	93.072	66.082	9.125	0.42	19.76
1.60	0.71	20.05	69.17	9.31	92.731	66.740	9.233	0.31	20.05
1.61	0.54	20.57	69.71	9.39	92.362	67.239	9.317	0.25	20.57
1.62	0.53	21.08	70.24	9.48	91.944	67.726	9.402	0.25	21.08
1.63	0.52	21.59	70.76	9.57	91.455	68.202	9.487	0.26	21.59
1.64	0.51	22.10	71.27	9.66	90.876	68.665	9.572	0.28	22.10
1.65	0.49	22.61	71.76	9.75	90.374	69.108	9.655	0.28	22.61
1.66	0.47	23.44	72.23	9.84	89.721	69.530	9.739	0.29	23.44
1.67	0.44	24.27	72.67	9.93	89.044	69.921	9.820	0.29	24.27
1.68	0.40	25.09	73.07	10.01	88.350	70.275	9.897	0.28	25.09
1.69	0.36	25.91	73.43	10.09	87.644	70.590	9.969	0.26	25.91
1.70	0.32	26.72	73.75	10.16	86.932	70.869	10.034	0.25	26.72
1.71	0.30	27.44	74.05	10.23	86.220	71.127	10.098	0.25	27.44
1.72	0.30	28.15	74.35	10.30	85.512	71.384	10.163	0.26	28.15

1.73	0.30	28.86	74.65	10.38	84.815	71.638	10.229	0.27	28.86
1.74	0.29	29.57	74.94	10.45	84.134	71.882	10.295	0.27	29.57
1.75	0.29	30.27	75.23	10.53	83.336	72.124	10.362	0.29	30.27
1.76	0.28	30.97	75.51	10.60	82.677	72.355	10.427	0.29	30.97
1.77	0.27	31.67	75.78	10.68	82.023	72.577	10.492	0.29	31.67
1.78	0.26	32.37	76.04	10.75	81.372	72.788	10.556	0.29	32.37
1.79	0.24	33.07	76.28	10.82	80.722	72.982	10.616	0.28	33.07
1.80	0.22	33.75	76.50	10.89	80.074	73.158	10.671	0.26	33.75
1.81	0.20	34.13	76.70	10.95	79.426	73.317	10.722	0.24	34.13
1.82	0.19	34.51	76.89	11.01	78.776	73.467	10.771	0.24	34.51
1.83	0.17	34.88	77.06	11.06	78.125	73.600	10.814	0.22	34.88
1.84	0.16	35.25	77.22	11.11	77.470	73.724	10.855	0.21	35.25
1.85	0.14	35.62	77.36	11.15	76.810	73.831	10.891	0.19	35.62
1.86	0.13	35.98	77.49	11.20	76.146	73.930	10.925	0.18	35.98
1.87	0.12	36.35	77.61	11.23	75.474	74.021	10.956	0.17	36.35
1.88	0.11	36.71	77.72	11.27	74.796	74.103	10.985	0.16	36.71
1.89	0.10	37.07	77.82	11.30	74.308	74.177	11.011	0.15	37.07
1.90	0.10	37.43	77.92	11.34	73.587	74.251	11.037	0.16	37.43
1.91	0.09	37.79	78.01	11.37	72.844	74.316	11.060	0.15	37.79
1.92	0.09	38.14	78.10	11.40	72.080	74.381	11.084	0.15	38.14
1.93	0.08	38.49	78.18	11.43	71.297	74.438	11.105	0.14	38.49
1.94	0.08	38.84	78.26	11.45	70.498	74.495	11.126	0.14	38.84
1.95	0.08	39.19	78.34	11.48	69.683	74.550	11.147	0.14	39.19
1.96	0.08	40.39	78.42	11.51	68.855	74.605	11.169	0.15	40.39
1.97	0.08	41.58	78.50	11.54	68.017	74.660	11.191	0.15	41.58
1.98	0.08	42.76	78.58	11.57	67.171	74.714	11.214	0.16	42.76
1.99	0.09	43.94	78.67	11.61	66.318	74.773	11.240	0.18	43.94
2.00	0.09	45.11	78.76	11.65	65.461	74.832	11.266	0.18	45.11
2.01	0.10	46.28	78.86	11.69	64.602	74.897	11.297	0.21	46.28
2.02	0.11	47.44	78.97	11.74	63.742	74.967	11.330	0.24	47.44
2.03	0.12	48.60	79.09	11.80	63.115	75.043	11.368	0.26	48.60
2.04	0.13	49.74	79.22	11.86	62.183	75.124	11.409	0.29	49.74
2.05	0.14	50.89	79.36	11.93	61.214	75.209	11.454	0.32	50.89
2.06	0.15	52.03	79.51	12.01	60.216	75.300	11.503	0.35	52.03
2.07	0.16	53.16	79.67	12.09	59.200	75.394	11.555	0.39	53.16
2.08	0.18	54.28	79.85	12.18	58.173	75.499	11.615	0.45	54.28
2.09	0.19	55.41	80.04	12.29	57.146	75.608	11.677	0.48	55.41
2.10	0.21	56.52	80.25	12.40	56.127	75.725	11.747	0.55	56.52
2.11	0.44	57.74	80.69	12.65	55.125	75.968	11.894	1.17	57.74
2.12	0.44	58.95	81.13	12.90	54.150	76.206	12.041	1.20	58.95
2.13	0.44	60.16	81.57	13.16	53.210	76.440	12.189	1.22	60.16
2.14	0.43	61.36	82.00	13.41	52.316	76.665	12.333	1.22	61.36
2.15	0.43	62.55	82.43	13.66	51.475	76.887	12.477	1.24	62.55
2.16	0.43	63.74	82.86	13.92	50.244	77.103	12.621	1.27	63.74
2.17	0.43	64.92	83.29	14.19	49.515	77.316	12.765	1.29	64.92
2.18	0.43	66.10	83.72	14.45	48.808	77.525	12.909	1.31	66.10
2.19	0.42	67.27	84.14	14.72	48.116	77.728	13.051	1.30	67.27
2.20	0.42	68.44	84.56	14.98	47.434	77.927	13.192	1.31	68.44
2.21	0.42	69.60	84.98	15.25	46.756	78.123	13.334	1.33	69.60
2.22	0.42	70.76	85.40	15.53	46.077	78.317	13.476	1.35	70.76
2.23	0.42	71.91	85.82	15.80	45.390	78.507	13.618	1.36	71.91
2.24	0.41	73.05	86.23	16.08	44.690	78.691	13.756	1.35	73.05
2.25	0.41	74.19	86.64	16.35	43.970	78.871	13.895	1.37	74.19
2.26	0.41	75.33	87.05	16.63	43.226	79.048	14.032	1.38	75.33
2.27	0.41	76.46	87.46	16.91	43.002	79.224	14.171	1.39	76.46
2.28	0.41	77.59	87.87	17.19	42.239	79.398	14.310	1.41	77.59
2.29	0.40	78.71	88.27	17.47	41.464	79.563	14.444	1.39	78.71
2.30	0.40	79.82	88.67	17.75	40.684	79.726	14.577	1.41	79.82
2.31	0.40	80.93	89.07	18.04	39.902	79.886	14.710	1.43	80.93
2.32	0.40	82.04	89.47	18.32	39.124	80.042	14.841	1.45	82.04
2.33	0.40	83.14	89.87	18.61	38.354	80.196	14.972	1.47	83.14
2.34	0.40	84.24	90.27	18.90	37.596	80.346	15.102	1.48	84.24

2.35	0.39	85.33	90.66	19.19	36.857	80.490	15.227	1.46	85.33
2.36	0.39	85.78	91.05	19.47	36.140	80.631	15.350	1.48	85.78
2.37	0.39	86.23	91.44	19.76	35.313	80.768	15.471	1.50	86.23
2.38	0.39	86.67	91.83	20.04	34.647	80.904	15.590	1.51	86.67
2.39	0.38	87.11	92.22	20.32	34.000	81.036	15.707	1.53	87.11
2.40	0.39	87.55	92.61	20.61	33.370	81.166	15.822	1.54	87.55
2.41	0.38	87.99	92.99	20.88	32.756	81.291	15.933	1.52	87.99
2.42	0.38	88.43	93.37	21.16	32.154	81.413	16.042	1.53	88.43
2.43	0.38	88.86	93.75	21.43	31.564	81.533	16.149	1.55	88.86
2.44	0.38	89.30	94.13	21.71	30.983	81.651	16.254	1.56	89.30
2.45	0.38	89.73	94.51	21.98	30.409	81.766	16.358	1.57	89.73
2.46	0.38	90.16	94.89	22.25	29.841	81.880	16.460	1.58	90.16
2.47	0.38	90.59	95.27	22.53	29.275	81.991	16.561	1.60	90.59
2.48	0.37	91.01	95.64	22.79	28.711	82.097	16.657	1.57	91.01
2.49	0.37	91.44	96.01	23.06	28.147	82.201	16.752	1.58	91.44
2.50	0.37	91.86	96.38	23.32	27.180	82.302	16.844	1.60	91.86
2.51	0.37	92.28	96.75	23.58	26.606	82.400	16.934	1.61	92.28
2.52	0.37	92.70	97.12	23.85	26.032	82.497	17.022	1.63	92.70
2.53	0.37	93.12	97.49	24.11	25.458	82.591	17.109	1.64	93.12
2.54	0.36	93.54	97.85	24.36	24.887	82.680	17.192	1.61	93.54
2.55	0.36	93.95	98.21	24.62	24.321	82.768	17.273	1.62	93.95
2.56	0.36	94.36	98.57	24.87	23.762	82.853	17.353	1.63	94.36
2.57	0.36	94.78	98.93	25.13	23.212	82.937	17.431	1.64	94.78
2.58	0.36	95.19	99.29	25.38	22.673	83.019	17.507	1.65	95.19
2.59	0.36	95.59	99.65	25.64	22.147	83.098	17.582	1.67	95.59
2.60	0.36	96.00	100.01	25.89	21.636	83.176	17.656	1.68	96.00

HEAD ASH %	25.89	CLEAN COAL ASH %	17.66	REFUSE ASH %	66.60
THEO. YIELD	88.53	CLEAN COAL YIELD%	89.18	REFUSE YIELD%	16.82
SG OF SEPARATION	2.297	ECART PROB. MOYEN	0.3414		
NEAR GRAVITY MAT	8.060	IMPERFECTION	0.388		
ORGANIC EFFCY.	93.95				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 34 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0
---------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.85 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.220	0.0	0.010	0.0	0.01
1.24	0.37	0.09	0.37	0.09	99.165	0.367	0.090	0.02	0.09
1.25	0.37	0.17	0.74	0.13	99.109	0.734	0.130	0.02	0.17
1.26	0.36	0.25	1.10	0.17	99.052	1.090	0.169	0.02	0.25
1.27	0.36	0.32	1.46	0.21	98.941	1.446	0.206	0.03	0.32
1.28	0.36	0.40	1.82	0.24	98.879	1.802	0.245	0.03	0.40
1.29	0.36	0.48	2.18	0.28	98.815	2.158	0.283	0.03	0.48
1.30	0.35	0.55	2.53	0.32	98.747	2.504	0.320	0.03	0.55
1.31	0.35	0.63	2.88	0.36	98.676	2.849	0.358	0.03	0.63
1.32	0.35	0.98	3.23	0.42	98.601	3.194	0.423	0.04	0.96
1.33	0.35	1.56	3.58	0.53	98.520	3.539	0.533	0.04	1.58
1.34	0.34	2.14	3.92	0.67	98.435	3.874	0.672	0.04	2.14
1.35	0.34	2.72	4.26	0.84	98.344	4.208	0.834	0.04	2.72
1.36	0.34	3.30	4.60	1.02	98.247	4.542	1.016	0.04	3.30
1.37	0.34	3.87	4.94	1.21	98.143	4.876	1.211	0.05	3.87
1.38	0.33	4.44	5.27	1.42	98.033	5.199	1.412	0.05	4.44
1.39	0.33	5.00	5.60	1.63	97.914	5.522	1.622	0.05	5.00
1.40	0.33	5.56	5.93	1.85	97.788	5.845	1.839	0.05	5.56
1.41	3.15	5.99	9.08	3.28	97.653	8.921	3.270	0.54	5.99
1.42	3.97	6.42	13.05	4.24	97.509	12.792	4.224	0.72	6.42
1.43	4.57	6.85	17.62	4.92	97.356	17.241	4.901	0.88	6.85
1.44	4.94	7.27	22.56	5.43	97.192	22.043	5.417	1.01	7.27
1.45	5.10	7.69	27.66	5.85	97.019	26.991	5.834	1.10	7.69
1.46	5.03	8.32	32.69	6.23	96.834	31.861	6.214	1.16	8.32
1.47	4.74	8.94	37.43	6.57	96.638	36.442	6.557	1.16	8.94
1.48	4.23	9.57	41.66	6.88	96.430	40.521	6.860	1.10	9.57
1.49	3.49	10.18	45.15	7.13	96.209	43.879	7.114	0.96	10.18
1.50	2.53	10.80	47.68	7.33	95.976	46.307	7.307	0.74	10.80
1.51	1.96	11.34	49.64	7.48	95.742	48.183	7.464	0.61	11.34
1.52	1.92	11.88	51.56	7.65	95.450	50.016	7.626	0.63	11.88
1.53	1.86	12.41	53.42	7.81	95.130	51.786	7.790	0.66	12.41
1.54	1.81	12.94	55.23	7.98	94.789	53.501	7.955	0.68	12.94
1.55	1.74	13.47	56.97	8.15	94.435	55.144	8.119	0.70	13.47
1.56	1.66	14.09	58.63	8.32	94.075	56.706	8.284	0.71	14.09
1.57	1.58	14.71	60.21	8.49	93.714	58.187	8.447	0.72	14.71
1.58	1.49	15.32	61.70	8.65	93.405	59.578	8.608	0.71	15.32
1.59	1.39	15.92	63.09	8.81	93.072	60.872	8.763	0.70	15.92
1.60	1.28	16.53	64.37	8.96	92.731	62.059	8.912	0.68	16.53
1.61	1.24	17.13	65.61	9.12	92.362	63.204	9.061	0.69	17.13
1.62	1.26	17.73	66.87	9.28	91.944	64.363	9.217	0.74	17.73
1.63	1.26	18.32	68.13	9.45	91.456	65.515	9.377	0.78	18.32
1.64	1.24	18.91	69.37	9.62	90.876	66.642	9.538	0.82	18.91
1.65	1.21	19.50	70.58	9.79	90.374	67.736	9.699	0.85	19.50
1.66	1.17	20.50	71.75	9.96	89.721	68.785	9.864	0.87	20.50
1.67	1.11	21.48	72.86	10.14	89.044	69.774	10.028	0.88	21.48
1.68	1.03	22.47	73.89	10.31	88.350	70.684	10.188	0.87	22.47
1.69	0.94	23.45	74.83	10.47	87.644	71.508	10.341	0.84	23.45
1.70	0.83	24.42	75.66	10.63	86.932	72.228	10.482	0.79	24.42
1.71	0.76	25.33	76.42	10.77	86.220	72.884	10.615	0.76	25.33
1.72	0.73	26.24	77.15	10.92	85.512	73.509	10.748	0.77	26.24

1.73	.70	27.15	77.85	11.07	84.815	74.102	10.879	.77	27.15
1.74	0.66	28.05	78.51	11.21	84.134	74.658	11.007	0.76	28.05
1.75	0.62	28.95	79.13	11.35	83.336	75.174	11.130	0.75	28.95
1.76	0.58	29.83	79.71	11.48	82.677	75.654	11.249	0.73	29.83
1.77	0.54	30.70	80.25	11.61	82.023	76.097	11.362	0.70	30.70
1.78	0.49	31.57	80.74	11.73	81.372	76.495	11.467	0.66	31.57
1.79	0.43	32.44	81.17	11.84	80.722	76.843	11.562	0.60	32.44
1.80	0.38	33.30	81.55	11.94	80.074	77.147	11.648	0.55	33.30
1.81	0.35	34.09	81.90	12.04	79.426	77.425	11.728	0.52	34.09
1.82	0.35	34.88	82.25	12.13	78.776	77.701	11.811	0.54	34.88
1.83	0.34	35.67	82.59	12.23	78.125	77.966	11.892	0.54	35.67
1.84	0.34	36.45	82.93	12.33	77.470	78.230	11.975	0.56	36.45
1.85	0.33	37.23	83.26	12.43	76.810	78.483	12.056	0.56	37.23
1.86	0.32	38.28	83.58	12.53	76.146	78.727	12.137	0.55	38.28
1.87	0.31	39.33	83.89	12.63	75.474	78.961	12.218	0.55	39.33
1.88	0.29	40.37	84.18	12.72	74.796	79.178	12.295	0.53	40.37
1.89	0.28	41.41	84.46	12.82	74.306	79.386	12.371	0.52	41.41
1.90	0.26	42.44	84.72	12.91	73.587	79.577	12.444	0.50	42.44
1.91	0.25	43.39	84.97	13.00	72.844	79.759	12.514	0.49	43.39
1.92	0.25	44.32	85.22	13.09	72.080	79.939	12.586	0.51	44.32
1.93	0.25	45.24	85.47	13.18	71.297	80.118	12.659	0.52	45.24
1.94	0.25	46.13	85.72	13.28	70.498	80.294	12.732	0.54	46.13
1.95	0.25	46.98	85.97	13.38	69.683	80.468	12.806	0.55	46.98
1.96	0.24	47.73	86.21	13.47	68.855	80.633	12.878	0.54	47.73
1.97	0.24	48.34	86.45	13.57	68.017	80.797	12.949	0.56	48.34
1.98	0.24	48.84	86.69	13.67	67.171	80.958	13.021	0.57	48.84
1.99	0.24	49.25	86.93	13.77	66.318	81.117	13.092	0.59	49.25
2.00	0.24	49.61	87.17	13.86	65.461	81.274	13.163	0.60	49.61
2.01	0.24	49.83	87.41	13.96	64.602	81.429	13.232	0.62	49.83
2.02	0.24	50.05	87.65	14.06	63.742	81.582	13.302	0.63	50.05
2.03	0.24	50.27	87.89	14.16	63.115	81.733	13.370	0.64	50.27
2.04	0.24	50.49	88.13	14.26	62.183	81.883	13.438	0.66	50.49
2.05	0.24	50.71	88.37	14.36	61.214	82.030	13.504	0.68	50.71
2.06	0.23	51.49	88.60	14.46	60.216	82.168	13.568	0.66	51.49
2.07	0.23	52.26	88.83	14.55	59.200	82.304	13.632	0.68	52.26
2.08	0.23	53.03	89.06	14.65	58.173	82.438	13.696	0.70	53.03
2.09	0.23	53.80	89.29	14.75	57.146	82.570	13.760	0.72	53.80
2.10	0.23	54.56	89.52	14.86	56.127	82.699	13.824	0.73	54.56
2.11	0.21	55.24	89.73	14.95	55.125	82.814	13.882	0.68	55.24
2.12	0.18	55.92	89.91	15.03	54.150	82.912	13.931	0.60	55.92
2.13	0.15	56.59	90.06	15.10	53.210	82.992	13.972	0.51	56.59
2.14	0.12	57.26	90.18	15.16	52.316	83.054	14.005	0.42	57.26
2.15	0.10	57.92	90.28	15.20	51.475	83.106	14.032	0.35	57.92
2.16	0.08	58.59	90.36	15.24	50.244	83.146	14.054	0.29	58.59
2.17	0.06	59.25	90.42	15.27	49.515	83.176	14.070	0.22	59.25
2.18	0.05	59.90	90.47	15.30	48.808	83.200	14.083	0.19	59.90
2.19	0.04	60.56	90.51	15.32	48.116	83.219	14.094	0.15	60.56
2.20	0.03	61.21	90.54	15.33	47.434	83.234	14.102	0.11	61.21
2.21	0.03	61.79	90.57	15.35	46.756	83.248	14.110	0.12	61.79
2.22	0.03	62.37	90.60	15.36	46.077	83.262	14.118	0.12	62.37
2.23	0.04	62.95	90.64	15.38	45.390	83.280	14.129	0.16	62.95
2.24	0.04	63.52	90.68	15.41	44.690	83.298	14.139	0.16	63.52
2.25	0.05	64.09	90.73	15.43	43.970	83.320	14.153	0.20	64.09
2.26	0.07	64.66	90.80	15.47	43.226	83.350	14.171	0.29	64.66
2.27	0.09	65.23	90.89	15.52	43.002	83.389	14.195	0.37	65.23
2.28	0.11	65.79	91.00	15.58	42.239	83.435	14.223	0.46	65.79
2.29	0.13	66.36	91.13	15.65	41.464	83.489	14.257	0.55	66.36
2.30	0.16	66.92	91.29	15.74	40.684	83.554	14.298	0.69	66.92
2.31	0.31	67.29	91.60	15.92	39.902	83.678	14.376	1.35	67.29
2.32	0.31	67.67	91.91	16.09	39.124	83.798	14.454	1.37	67.67
2.33	0.31	68.04	92.22	16.27	38.354	83.918	14.529	1.39	68.04
2.34	0.31	68.41	92.53	16.44	37.596	84.034	14.604	1.40	68.41

2.35	0.30	68.78	92.83	16.61	36.857	84.145	14.675	1.37	68.78
2.36	0.30	69.15	93.13	16.78	36.140	84.253	14.745	1.39	69.15
2.37	0.30	69.52	93.43	16.95	35.313	84.359	14.814	1.41	69.52
2.38	0.30	69.89	93.73	17.12	34.647	84.463	14.882	1.42	69.89
2.39	0.30	70.25	94.03	17.29	34.000	84.565	14.949	1.44	70.25
2.40	0.30	70.61	94.33	17.46	33.370	84.665	15.015	1.45	70.61
2.41	0.30	70.98	94.63	17.63	32.756	84.764	15.080	1.46	70.98
2.42	0.30	71.34	94.93	17.80	32.154	84.860	15.143	1.48	71.34
2.43	0.29	71.69	95.22	17.96	31.564	84.952	15.204	1.44	71.69
2.44	0.29	72.05	95.51	18.13	30.983	85.042	15.264	1.45	72.05
2.45	0.29	72.41	95.80	18.29	30.409	85.130	15.324	1.46	72.41
2.46	0.29	74.02	96.09	18.46	29.841	85.216	15.383	1.48	74.02
2.47	0.29	75.63	96.38	18.63	29.275	85.301	15.443	1.49	75.63
2.48	0.29	77.24	96.67	18.81	28.711	85.384	15.503	1.50	77.24
2.49	0.29	78.84	96.96	18.99	28.147	85.466	15.564	1.51	78.84
2.50	0.29	80.43	97.25	19.17	27.180	85.545	15.624	1.53	80.43
2.51	0.28	82.01	97.53	19.35	26.606	85.619	15.682	1.49	82.01
2.52	0.28	83.59	97.81	19.53	26.032	85.692	15.739	1.50	83.59
2.53	0.28	85.16	98.09	19.72	25.458	85.764	15.797	1.51	85.16
2.54	0.28	86.73	98.37	19.91	24.887	85.833	15.855	1.53	86.73
2.55	0.28	88.29	98.65	20.10	24.321	85.901	15.912	1.54	88.29
2.56	0.28	89.84	98.93	20.30	23.762	85.966	15.969	1.55	89.84
2.57	0.28	91.39	99.21	20.50	23.212	86.033	16.026	1.56	91.39
2.58	0.28	92.93	99.49	20.71	22.673	86.096	16.083	1.57	92.93
2.59	0.28	94.47	99.77	20.91	22.147	86.158	16.139	1.58	94.47
2.60	0.27	96.00	100.04	21.12	21.636	86.217	16.193	1.54	96.00

HEAD ASH %	21.12	CLEAN COAL ASH %	16.19	REFUSE ASH %	51.91
THEO. YIELD	92.09	CLEAN COAL YIELD%	86.22	REFUSE YIELD%	13.78
SG OF SEPARATION	2.326	ECART PROB. MOYEN	0.9414		
NEAR GRAVITY MAT	4.476	IMPERFECTION	0.388		
ORGANIC EFFCY.	93.62				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 36 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.80 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.220	0.0	0.010	0.0	0.01
1.24	0.42	0.01	0.42	0.01	99.165	0.416	0.010	0.01	0.01
1.25	0.42	0.01	0.84	0.01	99.109	0.833	0.010	0.01	0.01
1.26	0.41	0.01	1.25	0.01	99.052	1.239	0.010	0.02	0.01
1.27	0.41	0.01	1.66	0.01	98.941	1.645	0.010	0.02	0.01
1.28	0.41	0.01	2.07	0.01	98.879	2.050	0.010	0.02	0.01
1.29	0.40	0.01	2.47	0.01	98.815	2.445	0.010	0.02	0.01
1.30	0.40	0.01	2.87	0.01	98.747	2.840	0.010	0.02	0.01
1.31	0.40	0.01	3.27	0.01	98.676	3.235	0.010	0.02	0.01
1.32	0.34	0.49	3.61	0.06	98.601	3.570	0.055	0.02	0.49
1.33	0.34	1.45	3.95	0.18	98.520	3.905	0.175	0.02	1.45
1.34	0.34	2.40	4.29	0.35	98.435	4.240	0.350	0.02	2.40
1.35	0.33	3.35	4.62	0.57	98.344	4.564	0.564	0.02	3.35
1.36	0.33	4.28	4.95	0.81	98.247	4.889	0.810	0.02	4.28
1.37	0.33	5.21	5.28	1.09	98.143	5.212	1.084	0.02	5.21
1.38	0.33	6.14	5.61	1.39	98.033	5.536	1.379	0.03	6.14
1.39	0.32	7.05	5.93	1.69	97.914	5.849	1.683	0.03	7.05
1.40	0.32	7.96	6.25	2.01	97.788	6.162	2.002	0.03	7.96
1.41	1.83	8.71	8.08	3.53	97.653	7.949	3.510	0.17	8.71
1.42	2.27	9.42	10.35	4.82	97.509	10.163	4.797	0.23	9.42
1.43	2.59	10.10	12.94	5.88	97.356	12.684	5.851	0.27	10.10
1.44	2.79	10.73	15.73	6.74	97.192	15.396	6.710	0.31	10.73
1.45	2.87	11.31	18.60	7.44	97.019	18.180	7.415	0.34	11.31
1.46	2.83	11.81	21.43	8.02	96.834	20.921	7.991	0.36	11.81
1.47	2.67	12.25	24.10	8.49	96.638	23.501	8.458	0.36	12.25
1.48	2.39	12.64	26.49	8.86	96.430	25.806	8.832	0.34	12.64
1.49	1.99	13.01	28.48	9.15	96.209	27.720	9.120	0.30	13.01
1.50	1.46	13.36	29.94	9.36	95.976	29.121	9.324	0.23	13.36
1.51	1.16	13.63	31.10	9.52	95.742	30.232	9.483	0.20	13.63
1.52	1.14	13.91	32.24	9.67	95.490	31.320	9.636	0.21	13.91
1.53	1.12	14.18	33.36	9.82	95.130	32.386	9.786	0.22	14.18
1.54	1.10	14.44	34.46	9.97	94.789	33.428	9.931	0.23	14.44
1.55	1.07	14.71	35.53	10.11	94.435	34.439	10.071	0.24	14.71
1.56	1.04	15.69	36.57	10.27	94.075	35.417	10.226	0.25	15.69
1.57	1.00	16.66	37.57	10.44	93.714	36.354	10.392	0.25	16.66
1.58	0.96	17.62	38.53	10.62	93.405	37.251	10.566	0.25	17.62
1.59	0.92	18.57	39.45	10.81	93.072	38.107	10.746	0.25	18.57
1.60	0.87	19.53	40.32	11.00	92.731	38.914	10.928	0.25	19.53
1.61	0.84	20.22	41.16	11.18	92.362	39.690	11.110	0.26	20.22
1.62	0.83	20.92	41.99	11.38	91.944	40.453	11.295	0.27	20.92
1.63	0.83	21.61	42.82	11.57	91.455	41.212	11.485	0.28	21.61
1.64	0.83	22.30	43.65	11.78	90.876	41.966	11.678	0.30	22.30
1.65	0.83	22.98	44.48	11.99	90.374	42.716	11.878	0.32	22.98
1.66	0.83	23.71	45.31	12.20	89.721	43.461	12.080	0.34	23.71
1.67	0.83	24.43	46.14	12.42	89.044	44.200	12.287	0.36	24.43
1.68	0.84	25.15	46.98	12.65	88.350	44.942	12.499	0.39	25.15
1.69	0.84	25.87	47.82	12.88	87.644	45.678	12.715	0.41	25.87
1.70	0.85	26.58	48.67	13.12	86.932	46.417	12.936	0.44	26.58
1.71	0.87	27.09	49.54	13.37	86.220	47.168	13.161	0.48	27.09
1.72	0.88	27.61	50.42	13.61	85.512	47.920	13.388	0.51	27.61

1.73	0.90	28.12	51.32	13.87	84.815	48.683	13.619	0.55	28.12
1.74	0.90	28.63	52.22	14.12	84.134	49.441	13.849	0.57	28.63
1.75	0.90	29.13	53.12	14.38	83.336	50.191	14.077	0.60	29.13
1.76	0.90	29.98	54.02	14.64	82.677	50.935	14.309	0.62	29.98
1.77	0.88	30.81	54.90	14.90	82.023	51.656	14.540	0.63	30.81
1.78	0.86	31.65	55.76	15.16	81.372	52.356	14.768	0.64	31.65
1.79	0.83	32.48	56.59	15.41	80.722	53.026	14.992	0.64	32.48
1.80	0.80	33.30	57.39	15.66	80.074	53.667	15.211	0.64	33.30
1.81	0.76	33.89	58.15	15.90	79.426	54.270	15.419	0.62	33.89
1.82	0.72	34.48	58.87	16.12	78.776	54.838	15.616	0.61	34.48
1.83	0.69	35.07	59.56	16.34	78.125	55.377	15.805	0.60	35.07
1.84	0.67	35.65	60.23	16.56	77.470	55.896	15.989	0.60	35.65
1.85	0.65	36.22	60.88	16.77	76.810	56.395	16.168	0.60	36.22
1.86	0.63	37.25	61.51	16.98	76.146	56.875	16.346	0.60	37.25
1.87	0.62	38.27	62.13	17.19	75.474	57.343	16.525	0.61	38.27
1.88	0.61	39.28	62.74	17.41	74.796	57.799	16.705	0.61	39.28
1.89	0.61	40.29	63.35	17.63	74.306	58.252	16.888	0.63	40.29
1.90	0.62	41.29	63.97	17.86	73.587	58.708	17.078	0.65	41.29
1.91	0.62	42.13	64.59	18.09	72.844	59.160	17.269	0.67	42.13
1.92	0.61	42.96	65.20	18.32	72.080	59.600	17.459	0.68	42.96
1.93	0.61	43.78	65.81	18.56	71.297	60.035	17.649	0.70	43.78
1.94	0.61	44.61	66.42	18.80	70.498	60.465	17.841	0.72	44.61
1.95	0.61	45.42	67.03	19.04	69.683	60.890	18.034	0.74	45.42
1.96	0.60	46.15	67.63	19.28	68.855	61.303	18.223	0.75	46.15
1.97	0.61	46.88	68.24	19.53	68.017	61.718	18.416	0.78	46.88
1.98	0.61	47.61	68.85	19.77	67.171	62.128	18.608	0.80	47.61
1.99	0.61	48.33	69.46	20.03	66.318	62.532	18.801	0.82	48.33
2.00	0.62	49.04	70.08	20.28	65.461	62.938	18.996	0.86	49.04
2.01	0.67	49.55	70.75	20.56	64.602	63.371	19.204	0.95	49.55
2.02	0.75	50.06	71.50	20.87	63.742	63.849	19.435	1.09	50.06
2.03	0.80	50.57	72.30	21.20	63.115	64.354	19.680	1.18	50.57
2.04	0.82	51.07	73.12	21.53	62.183	64.864	19.926	1.24	51.07
2.05	0.82	51.57	73.94	21.87	61.214	65.366	20.169	1.27	51.57
2.06	0.79	52.65	74.73	22.19	60.216	65.841	20.404	1.26	52.65
2.07	0.73	53.73	75.46	22.50	59.200	66.274	20.621	1.19	53.73
2.08	0.64	54.80	76.10	22.77	58.173	66.646	20.812	1.07	54.80
2.09	0.52	55.86	76.62	22.99	57.146	66.943	20.968	0.89	55.86
2.10	0.37	56.92	76.99	23.16	56.127	67.151	21.079	0.65	56.92
2.11	0.28	58.04	77.27	23.28	55.125	67.305	21.164	0.50	58.04
2.12	0.26	59.15	77.53	23.40	54.150	67.446	21.243	0.48	59.15
2.13	0.25	60.26	77.78	23.52	53.210	67.579	21.320	0.47	60.26
2.14	0.24	61.36	78.02	23.64	52.316	67.704	21.394	0.46	61.36
2.15	0.23	62.46	78.25	23.75	51.475	67.823	21.466	0.45	62.46
2.16	0.22	62.69	78.47	23.86	50.244	67.933	21.533	0.44	62.69
2.17	0.22	62.91	78.69	23.97	49.515	68.042	21.599	0.44	62.91
2.18	0.22	63.14	78.91	24.08	48.808	68.150	21.665	0.45	63.14
2.19	0.23	63.37	79.14	24.19	48.116	68.260	21.732	0.48	63.37
2.20	0.24	63.59	79.38	24.31	47.434	68.374	21.802	0.50	63.59
2.21	0.24	63.67	79.62	24.43	46.756	68.486	21.871	0.51	63.67
2.22	0.24	63.76	79.86	24.55	46.077	68.597	21.938	0.52	63.76
2.23	0.25	63.84	80.11	24.67	45.390	68.710	22.007	0.55	63.84
2.24	0.25	63.92	80.36	24.79	44.690	68.822	22.075	0.55	63.92
2.25	0.25	64.00	80.61	24.92	43.970	68.932	22.142	0.56	64.00
2.26	0.25	65.25	80.86	25.04	43.226	69.040	22.210	0.57	65.25
2.27	0.25	66.49	81.11	25.17	43.002	69.148	22.279	0.57	66.49
2.28	0.25	67.72	81.36	25.30	42.239	69.253	22.348	0.58	67.72
2.29	0.25	68.95	81.61	25.43	41.464	69.357	22.418	0.58	68.95
2.30	0.26	70.17	81.87	25.57	40.664	69.463	22.490	0.62	70.17
2.31	0.64	71.13	82.51	25.93	39.902	69.718	22.668	1.54	71.13
2.32	0.64	72.08	83.15	26.28	39.124	69.968	22.845	1.56	72.08
2.33	0.64	73.02	83.79	26.64	38.354	70.214	23.021	1.58	73.02
2.34	0.63	73.96	84.42	26.99	37.596	70.451	23.192	1.57	73.96

2.35	[illegible]63	74.90	85.05	27.35	36.857	70.683	23.362	[illegible]59	74.90
2.36	0.63	75.83	85.68	27.70	36.140	70.911	23.530	1.61	75.83
2.37	0.63	76.76	86.31	28.06	35.313	71.133	23.697	1.63	76.76
2.38	0.62	77.69	86.93	28.42	34.647	71.348	23.859	1.62	77.69
2.39	0.62	78.61	87.55	28.77	34.000	71.559	24.021	1.64	78.61
2.40	0.62	79.53	88.17	29.13	33.370	71.766	24.181	1.65	79.53
2.41	0.61	80.44	88.78	29.48	32.756	71.965	24.337	1.64	80.44
2.42	0.61	81.35	89.39	29.84	32.154	72.162	24.492	1.65	81.35
2.43	0.61	82.25	90.00	30.19	31.564	72.354	24.646	1.67	82.25
2.44	0.61	83.16	90.61	30.55	30.983	72.543	24.798	1.68	83.16
2.45	0.60	84.06	91.21	30.90	30.409	72.726	24.947	1.67	84.06
2.46	0.60	84.87	91.81	31.25	29.841	72.905	25.094	1.68	84.87
2.47	0.60	85.69	92.41	31.61	29.275	73.080	25.239	1.70	85.69
2.48	0.60	86.50	93.01	31.96	28.711	73.253	25.384	1.71	86.50
2.49	0.60	87.31	93.61	32.31	28.147	73.421	25.526	1.72	87.31
2.50	0.59	88.12	94.20	32.66	27.180	73.582	25.662	1.72	88.12
2.51	0.59	88.92	94.78	33.01	26.606	73.739	25.797	1.73	88.92
2.52	0.59	89.72	95.38	33.36	26.032	73.892	25.930	1.74	89.72
2.53	0.59	90.51	95.97	33.72	25.458	74.043	26.061	1.76	90.51
2.54	0.58	91.31	96.55	34.06	24.887	74.187	26.188	1.74	91.31
2.55	0.58	92.10	97.13	34.41	24.321	74.328	26.313	1.75	92.10
2.56	0.58	92.88	97.71	34.76	23.762	74.466	26.436	1.77	92.88
2.57	0.58	93.67	98.29	35.10	23.212	74.600	26.558	1.78	93.67
2.58	0.57	94.45	98.86	35.45	22.673	74.730	26.675	1.76	94.45
2.59	0.57	95.23	99.43	35.79	22.147	74.856	26.791	1.77	95.23
2.60	0.57	96.00	100.00	36.13	21.636	74.979	26.904	1.79	96.00

HEAD ASH %	36.13	CLEAN COAL ASH %	26.90	REFUSE ASH %	63.78
THEO. YIELD	84.26	CLEAN COAL YIELD%	74.98	REFUSE YIELD%	25.02
SG OF SEPARATION	2.337	ECART PROB. MOYEN	0.3414		
NEAR GRAVITY MAT	10.160	IMPERFECTION	0.388		
ORGANIC EFFCY.	88.98				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 37 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.11 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM ASH%	ELEMENTAL SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.220	0.0	0.010	0.0	0.01
1.24	1.22	0.01	1.22	0.01	99.165	1.210	0.010	0.05	0.01
1.25	1.33	0.01	2.55	0.01	99.109	2.528	0.010	0.06	0.01
1.26	1.43	0.01	3.98	0.01	99.052	3.944	0.010	0.07	0.01
1.27	1.54	0.01	5.52	0.01	98.941	5.468	0.010	0.09	0.01
1.28	1.64	0.01	7.16	0.01	98.879	7.090	0.010	0.10	0.01
1.29	1.74	0.01	8.90	0.01	98.815	8.809	0.010	0.11	0.01
1.30	1.83	0.01	10.73	0.01	98.747	10.616	0.010	0.12	0.01
1.31	1.93	0.01	12.66	0.01	98.676	12.521	0.010	0.13	0.01
1.32	0.86	0.60	13.52	0.05	98.601	13.369	0.047	0.06	0.60
1.33	0.90	1.76	14.42	0.15	98.520	14.255	0.154	0.07	1.76
1.34	0.93	2.91	15.35	0.32	98.435	15.171	0.320	0.08	2.91
1.35	0.97	4.05	16.32	0.54	98.344	16.125	0.541	0.08	4.05
1.36	1.01	5.19	17.33	0.81	98.247	17.117	0.810	0.09	5.19
1.37	1.04	6.31	18.37	1.12	98.143	18.138	1.120	0.10	6.31
1.38	1.07	7.43	19.44	1.47	98.033	19.187	1.465	0.11	7.43
1.39	1.11	8.54	20.55	1.85	97.914	20.273	1.844	0.12	8.54
1.40	1.14	9.64	21.69	2.26	97.788	21.388	2.251	0.13	9.64
1.41	1.97	10.54	23.66	2.95	97.653	23.312	2.935	0.24	10.54
1.42	2.36	11.38	26.02	3.72	97.509	25.613	3.693	0.31	11.38
1.43	2.64	12.17	28.66	4.50	97.356	28.183	4.466	0.37	12.17
1.44	2.80	12.87	31.46	5.24	97.192	30.905	5.206	0.41	12.87
1.45	2.84	13.48	34.30	5.92	97.019	33.660	5.884	0.44	13.48
1.46	2.77	14.04	37.07	6.53	96.834	36.342	6.486	0.46	14.04
1.47	2.58	14.59	39.65	7.05	96.638	38.836	7.006	0.46	14.59
1.48	2.27	15.15	41.92	7.49	96.430	41.025	7.440	0.43	15.15
1.49	1.85	15.70	43.77	7.84	96.209	42.804	7.784	0.37	15.70
1.50	1.31	16.25	45.08	8.08	95.976	44.062	8.026	0.28	16.25
1.51	1.00	16.72	46.08	8.27	95.742	46.019	8.210	0.22	16.72
1.52	0.98	17.18	47.06	8.46	95.460	45.955	8.399	0.23	17.18
1.53	0.97	17.64	48.03	8.64	95.130	46.877	8.575	0.25	17.64
1.54	0.96	18.10	48.99	8.83	94.789	47.787	8.756	0.26	18.10
1.55	0.95	18.55	49.94	9.01	94.435	48.684	8.937	0.28	18.55
1.56	0.95	19.17	50.89	9.20	94.075	49.578	9.121	0.30	19.17
1.57	0.94	19.79	51.83	9.39	93.714	50.459	9.308	0.31	19.79
1.58	0.93	20.40	52.76	9.59	93.405	51.328	9.495	0.32	20.40
1.59	0.92	21.00	53.68	9.78	93.072	52.184	9.684	0.33	21.00
1.60	0.92	21.61	54.60	9.98	92.731	53.037	9.876	0.35	21.61
1.61	0.92	22.09	55.52	10.18	92.362	53.887	10.069	0.37	22.09
1.62	0.92	22.56	56.44	10.39	91.944	54.733	10.262	0.39	22.56
1.63	0.92	23.04	57.36	10.59	91.456	55.574	10.455	0.41	23.04
1.64	0.92	23.51	58.28	10.79	90.876	56.410	10.649	0.44	23.51
1.65	0.92	23.98	59.20	11.00	90.374	57.242	10.842	0.46	23.98
1.66	0.91	24.48	60.11	11.20	89.721	58.058	11.034	0.49	24.48
1.67	0.91	24.98	61.02	11.41	89.044	58.868	11.226	0.52	24.98
1.68	0.91	25.47	61.93	11.61	88.350	59.672	11.418	0.56	25.47
1.69	0.91	25.97	62.84	11.82	87.644	60.470	11.610	0.59	25.97
1.70	0.90	26.45	63.74	12.03	86.932	61.252	11.799	0.62	26.45
1.71	.90	26.79	64.64	12.23	86.220	62.028	11.987	.5	26.79
1.72	.88	27.12	65.52	12.43	85.512	62.781	12.168	.7	27.12

1.73	0.87	27.44	66.39	12.63	84.815	63.519	12.346	0.69	27.44
1.74	0.84	27.77	67.23	12.82	84.134	64.225	12.515	0.70	27.77
1.75	0.81	28.10	68.04	13.00	83.336	64.900	12.678	0.71	28.10
1.76	0.77	28.88	68.81	13.18	82.677	65.537	12.835	0.70	28.88
1.77	0.73	29.67	69.54	13.35	82.023	66.136	12.987	0.69	29.67
1.78	0.68	30.44	70.22	13.52	81.372	66.689	13.132	0.66	30.44
1.79	0.62	31.22	70.84	13.67	80.722	67.190	13.267	0.63	31.22
1.80	0.56	31.99	71.40	13.82	80.074	67.638	13.391	0.59	31.99
1.81	0.51	32.70	71.91	13.95	79.426	68.043	13.506	0.55	32.70
1.82	0.47	33.41	72.38	14.08	78.776	68.413	13.614	0.52	33.41
1.83	0.44	34.12	72.82	14.20	78.128	68.757	13.716	0.51	34.12
1.84	0.41	34.83	73.23	14.31	77.470	69.075	13.813	0.48	34.83
1.85	0.38	35.52	73.61	14.42	76.810	69.367	13.905	0.46	35.52
1.86	0.36	36.69	73.97	14.53	76.146	69.641	13.994	0.45	36.69
1.87	0.35	37.84	74.32	14.64	75.474	69.905	14.084	0.45	37.84
1.88	0.33	39.00	74.65	14.75	74.796	70.152	14.172	0.44	39.00
1.89	0.32	40.14	74.97	14.86	74.306	70.390	14.260	0.43	40.14
1.90	0.32	41.28	75.29	14.97	73.587	70.625	14.350	0.44	41.28
1.91	0.31	42.22	75.60	15.08	72.844	70.851	14.439	0.44	42.22
1.92	0.31	43.15	75.91	15.20	72.080	71.074	14.529	0.45	43.15
1.93	0.30	44.08	76.21	15.31	71.297	71.288	14.618	0.45	44.08
1.94	0.30	45.00	76.51	15.43	70.498	71.500	14.707	0.46	45.00
1.95	0.30	45.92	76.81	15.54	69.683	71.709	14.798	0.48	45.92
1.96	0.30	46.56	77.11	15.67	68.855	71.915	14.890	0.49	46.56
1.97	0.30	47.20	77.41	15.79	68.017	72.119	14.981	0.50	47.20
1.98	0.31	47.83	77.72	15.92	67.171	72.328	15.076	0.53	47.83
1.99	0.31	48.46	78.03	16.04	66.318	72.533	15.170	0.55	48.46
2.00	0.32	49.09	78.35	16.18	65.461	72.743	15.268	0.58	49.09
2.01	0.33	49.58	78.68	16.32	64.602	72.956	15.368	0.61	49.58
2.02	0.34	50.07	79.02	16.46	63.742	73.173	15.471	0.65	50.07
2.03	0.35	50.55	79.37	16.61	63.115	73.393	15.577	0.68	50.55
2.04	0.36	51.03	79.73	16.77	62.183	73.617	15.684	0.71	51.03
2.05	0.36	51.52	80.09	16.93	61.214	73.838	15.791	0.73	51.52
2.06	0.36	52.22	80.45	17.08	60.216	74.054	15.898	0.75	52.22
2.07	0.36	52.93	80.81	17.24	59.200	74.268	16.004	0.77	52.93
2.08	0.36	53.63	81.17	17.41	58.173	74.477	16.110	0.79	53.63
2.09	0.35	54.33	81.52	17.56	57.146	74.677	16.212	0.79	54.33
2.10	0.34	55.02	81.86	17.72	56.127	74.868	16.311	0.78	55.02
2.11	0.31	55.59	82.17	17.86	55.125	75.039	16.401	0.73	55.59
2.12	0.26	56.17	82.43	17.98	54.150	75.180	16.475	0.63	56.17
2.13	0.22	56.74	82.65	18.08	53.210	75.297	16.538	0.54	56.74
2.14	0.19	57.30	82.84	18.18	52.316	75.396	16.592	0.48	57.30
2.15	0.16	57.87	83.00	18.25	51.475	75.478	16.637	0.41	57.87
2.16	0.14	58.43	83.14	18.32	50.244	75.549	16.676	0.37	58.43
2.17	0.12	58.99	83.26	18.38	49.515	75.608	16.709	0.32	58.99
2.18	0.10	59.54	83.36	18.43	48.808	75.657	16.737	0.27	59.54
2.19	0.09	60.10	83.45	18.47	48.116	75.700	16.761	0.25	60.10
2.20	0.08	60.65	83.53	18.51	47.494	75.738	16.783	0.22	60.65
2.21	0.08	61.30	83.61	18.55	46.756	75.776	16.805	0.22	61.30
2.22	0.08	61.95	83.69	18.60	46.077	75.812	16.827	0.23	61.95
2.23	0.09	62.60	83.78	18.64	45.390	75.853	16.852	0.26	62.60
2.24	0.10	63.24	83.88	18.70	44.690	75.898	16.879	0.29	63.24
2.25	0.11	63.89	83.99	18.76	43.970	75.946	16.909	0.32	63.89
2.26	0.13	64.53	84.12	18.83	43.226	76.003	16.944	0.39	64.53
2.27	0.16	65.16	84.28	18.91	43.002	76.071	16.988	0.48	65.16
2.28	0.19	65.79	84.47	19.02	42.239	76.152	17.039	0.58	65.79
2.29	0.22	66.42	84.69	19.14	41.464	76.243	17.098	0.68	66.42
2.30	0.26	67.05	84.95	19.29	40.684	76.349	17.168	0.81	67.05
2.31	0.53	67.43	85.48	19.59	39.902	76.560	17.307	1.67	67.43
2.32	0.53	67.81	86.01	19.89	39.124	76.767	17.443	1.69	67.81
2.33	0.53	68.18	86.54	20.18	38.354	76.971	17.577	1.71	68.18
2.34	0.53	68.56	87.07	20.48	37.596	77.170	17.709	1.74	68.56

2.35	0.53	68.93	87.60	20.77	36.857	77.365	17.838	1.76	68.93
2.36	0.52	69.30	88.12	21.06	36.140	77.553	17.963	1.74	69.30
2.37	0.52	69.67	88.64	21.34	35.313	77.737	18.085	1.77	69.67
2.38	0.52	70.03	89.16	21.62	34.647	77.917	18.205	1.78	70.03
2.39	0.52	70.40	89.68	21.91	34.000	78.094	18.323	1.80	70.40
2.40	0.51	70.76	90.19	22.18	33.370	78.264	18.437	1.78	70.76
2.41	0.51	71.12	90.70	22.46	32.756	78.431	18.549	1.80	71.12
2.42	0.51	71.49	91.21	22.73	32.154	78.595	18.660	1.82	71.49
2.43	0.51	71.85	91.72	23.01	31.564	78.756	18.768	1.83	71.85
2.44	0.51	72.20	92.23	23.28	30.983	78.914	18.875	1.85	72.20
2.45	0.50	72.56	92.73	23.54	30.409	79.066	18.979	1.83	72.56
2.46	0.50	74.17	93.23	23.82	29.841	79.215	19.083	1.84	74.17
2.47	0.50	75.77	93.73	24.09	29.275	79.362	19.187	1.86	75.77
2.48	0.50	77.36	94.23	24.37	28.711	79.505	19.292	1.87	77.36
2.49	0.50	78.95	94.73	24.66	28.147	79.646	19.398	1.89	78.95
2.50	0.49	80.53	95.22	24.95	27.180	79.779	19.500	1.87	80.53
2.51	0.49	82.10	95.71	25.24	26.606	79.909	19.602	1.89	82.10
2.52	0.49	83.67	96.20	25.54	26.032	80.037	19.704	1.90	83.67
2.53	0.49	85.23	96.69	25.84	25.458	80.162	19.806	1.92	85.23
2.54	0.49	86.79	97.18	26.15	24.887	80.284	19.908	1.93	86.79
2.55	0.48	88.34	97.66	26.46	24.321	80.400	20.007	1.91	88.34
2.56	0.48	89.88	98.14	26.77	23.762	80.515	20.106	1.92	89.88
2.57	0.48	91.42	98.62	27.08	23.212	80.626	20.205	1.93	91.42
2.58	0.48	92.95	99.10	27.40	22.673	80.735	20.303	1.95	92.95
2.59	0.48	94.48	99.58	27.72	22.147	80.841	20.400	1.96	94.48
2.60	0.47	96.00	100.05	28.04	21.636	80.943	20.495	1.93	96.00

HEAD ASH %	28.04	CLEAN COAL ASH %	20.50	REFUSE ASH %	60.11
THEO. YIELD	87.11	CLEAN COAL YIELD%	80.94	REFUSE YIELD%	19.06
SG OF SEPARATION	2.341	ECART PROB. MOYEN	0.9414		
NEAR GRAVITY MAT	8.376	IMPERFECTION	0.388		
ORGANIC EFFCY.	92.93				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 38 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.20 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.220	0.0	0.010	0.0	0.01
1.24	0.42	0.48	0.42	0.48	99.165	0.416	0.480	0.03	0.48
1.25	0.42	0.94	0.84	0.71	99.109	0.833	0.710	0.03	0.94
1.26	0.41	1.39	1.25	0.93	99.052	1.239	0.933	0.03	1.39
1.27	0.41	1.85	1.66	1.16	98.941	1.645	1.159	0.04	1.85
1.28	0.41	2.30	2.07	1.39	98.879	2.050	1.385	0.04	2.30
1.29	0.40	2.75	2.47	1.61	98.815	2.445	1.605	0.04	2.75
1.30	0.40	3.19	2.87	1.83	98.747	2.840	1.826	0.04	3.19
1.31	0.40	3.63	3.27	2.05	98.676	3.235	2.046	0.05	3.63
1.32	0.40	3.92	3.67	2.25	98.601	3.629	2.250	0.05	3.92
1.33	0.39	4.08	4.06	2.43	98.520	4.014	2.425	0.05	4.08
1.34	0.39	4.23	4.45	2.59	98.435	4.397	2.582	0.05	4.23
1.35	0.39	4.38	4.84	2.73	98.344	4.781	2.727	0.06	4.38
1.36	0.38	4.53	5.22	2.86	98.247	5.154	2.857	0.06	4.53
1.37	0.38	4.68	5.60	2.98	98.143	5.527	2.980	0.06	4.68
1.38	0.38	4.83	5.98	3.10	98.033	5.900	3.097	0.06	4.83
1.39	0.38	4.97	6.36	3.21	97.914	6.272	3.208	0.07	4.97
1.40	0.37	5.12	6.73	3.32	97.788	6.634	3.312	0.07	5.12
1.41	3.09	5.23	9.82	3.92	97.653	9.651	3.912	0.63	5.23
1.42	3.51	5.33	13.33	4.29	97.509	13.074	4.283	0.76	5.33
1.43	3.83	5.44	17.16	4.55	97.356	16.802	4.540	0.88	5.44
1.44	4.04	5.55	21.20	4.74	97.192	20.729	4.731	0.98	5.55
1.45	4.15	5.65	25.35	4.89	97.019	24.756	4.881	1.07	5.65
1.46	4.15	6.32	29.50	5.09	96.834	28.774	5.082	1.14	6.92
1.47	4.06	6.98	33.56	5.32	96.638	32.697	5.309	1.18	6.98
1.48	3.85	7.64	37.41	5.56	96.430	36.410	5.547	1.19	7.64
1.49	3.55	8.29	40.96	5.79	96.209	39.825	5.782	1.16	8.29
1.50	3.14	8.94	44.10	6.02	95.976	42.639	6.004	1.09	8.94
1.51	2.93	9.56	47.03	6.24	95.742	45.644	6.223	1.08	9.56
1.52	2.96	10.17	49.99	6.47	95.450	48.470	6.453	1.16	10.17
1.53	2.94	10.78	52.93	6.71	95.130	51.266	6.689	1.24	10.78
1.54	2.88	11.38	55.81	6.95	94.789	53.996	6.926	1.30	11.38
1.55	2.77	11.98	58.58	7.19	94.435	56.612	7.160	1.33	11.98
1.56	2.62	12.79	61.20	7.43	94.075	59.077	7.392	1.34	12.79
1.57	2.43	13.48	63.63	7.66	93.714	61.354	7.618	1.32	13.48
1.58	2.19	14.23	65.82	7.88	93.405	63.400	7.831	1.25	14.23
1.59	1.91	14.97	67.73	8.08	93.072	65.177	8.026	1.14	14.97
1.60	1.58	15.70	69.31	8.25	92.731	66.643	8.195	0.99	15.70
1.61	1.36	16.46	70.67	8.41	92.362	67.899	8.348	0.90	16.46
1.62	1.28	17.21	71.95	8.56	91.944	69.076	8.499	0.89	17.21
1.63	1.20	17.95	73.15	8.72	91.455	70.173	8.647	0.88	17.95
1.64	1.12	18.70	74.27	8.87	90.876	71.191	8.790	0.88	18.70
1.65	1.04	19.43	75.31	9.02	90.374	72.131	8.929	0.87	19.43
1.66	0.97	20.20	76.28	9.16	89.721	73.001	9.063	0.86	20.20
1.67	0.89	20.96	77.17	9.29	89.044	73.793	9.191	0.84	20.96
1.68	0.82	21.71	77.99	9.42	88.350	74.518	9.313	0.83	21.71
1.69	0.75	22.46	78.74	9.55	87.644	75.175	9.428	0.80	22.46
1.70	0.68	23.21	79.42	9.67	86.932	75.766	9.535	0.77	23.21
1.71	0.65	23.81	80.07	9.78	86.220	76.327	9.640	0.77	23.81
1.72	0.65	24.41	80.72	9.90	85.512	76.883	9.747	0.81	24.41

1.73	0.65	25.01	81.37	10.02	84.815	77.434	9.856	0.85	25.01
1.74	0.64	25.60	82.01	10.14	84.134	77.972	9.964	0.88	25.60
1.75	0.62	26.19	82.63	10.26	83.336	78.489	10.071	0.89	26.19
1.76	0.60	27.53	83.23	10.39	82.677	78.985	10.181	0.90	27.53
1.77	0.57	28.86	83.80	10.51	82.023	79.453	10.291	0.89	28.86
1.78	0.54	30.19	84.34	10.64	81.372	79.892	10.400	0.87	30.19
1.79	0.50	31.51	84.84	10.76	80.722	80.296	10.506	0.83	31.51
1.80	0.45	32.82	85.29	10.88	80.074	80.656	10.606	0.78	32.82
1.81	0.43	34.06	85.72	10.99	79.426	80.998	10.705	0.76	34.06
1.82	0.43	35.29	86.15	11.11	78.776	81.336	10.807	0.79	35.29
1.83	0.42	36.51	86.57	11.24	78.125	81.664	10.910	0.79	36.51
1.84	0.41	37.73	86.98	11.36	77.470	81.982	11.014	0.80	37.73
1.85	0.39	38.94	87.37	11.48	76.810	82.282	11.116	0.78	38.94
1.86	0.37	39.50	87.74	11.60	76.146	82.563	11.213	0.76	39.50
1.87	0.34	40.05	88.08	11.71	75.474	82.820	11.302	0.72	40.05
1.88	0.31	40.61	88.39	11.81	74.796	83.052	11.384	0.66	40.61
1.89	0.27	41.15	88.66	11.90	74.306	83.253	11.456	0.60	41.15
1.90	0.22	41.70	88.88	11.98	73.887	83.414	11.515	0.50	41.70
1.91	0.20	42.26	89.08	12.05	72.844	83.560	11.568	0.47	42.26
1.92	0.19	42.81	89.27	12.11	72.080	83.697	11.619	0.46	42.81
1.93	0.18	43.36	89.45	12.17	71.297	83.825	11.668	0.45	43.36
1.94	0.18	43.91	89.63	12.24	70.498	83.952	11.717	0.46	43.91
1.95	0.18	44.46	89.81	12.30	69.683	84.078	11.765	0.47	44.46
1.96	0.18	45.22	89.99	12.37	68.855	84.202	11.815	0.48	45.22
1.97	0.18	45.98	90.17	12.43	68.017	84.324	11.864	0.50	45.98
1.98	0.18	46.74	90.35	12.50	67.171	84.445	11.914	0.51	46.74
1.99	0.19	47.49	90.54	12.58	66.318	84.571	11.967	0.55	47.49
2.00	0.19	48.24	90.73	12.65	65.461	84.695	12.020	0.57	48.24
2.01	0.20	48.77	90.93	12.73	64.602	84.825	12.076	0.61	48.77
2.02	0.21	49.29	91.14	12.81	63.742	84.958	12.135	0.66	49.29
2.03	0.21	49.81	91.35	12.90	63.115	85.091	12.194	0.67	49.81
2.04	0.21	50.33	91.56	12.99	62.183	85.222	12.252	0.69	50.33
2.05	0.21	50.84	91.77	13.07	61.214	85.350	12.310	0.70	50.84
2.06	0.21	51.66	91.98	13.16	60.216	85.477	12.369	0.72	51.66
2.07	0.21	52.47	92.18	13.25	59.200	85.601	12.427	0.74	52.47
2.08	0.20	53.29	92.39	13.34	58.173	85.717	12.482	0.72	53.29
2.09	0.20	54.09	92.59	13.42	57.146	85.832	12.538	0.74	54.09
2.10	0.19	54.90	92.78	13.51	56.127	85.938	12.590	0.72	54.90
2.11	0.17	55.72	92.95	13.59	55.125	86.032	12.637	0.66	55.72
2.12	0.15	56.54	93.10	13.66	54.150	86.113	12.679	0.59	56.54
2.13	0.13	57.36	93.23	13.72	53.210	86.182	12.714	0.53	57.36
2.14	0.11	58.17	93.34	13.77	52.316	86.240	12.745	0.46	58.17
2.15	0.09	58.98	93.43	13.81	51.475	86.286	12.770	0.38	58.98
2.16	0.08	59.78	93.51	13.85	50.244	86.326	12.792	0.34	59.78
2.17	0.07	60.59	93.58	13.89	49.515	86.361	12.811	0.31	60.59
2.18	0.06	61.38	93.64	13.92	48.808	86.390	12.827	0.27	61.38
2.19	0.05	62.18	93.69	13.94	48.116	86.414	12.841	0.22	62.18
2.20	0.05	62.97	93.74	13.97	47.434	86.438	12.855	0.23	62.97
2.21	0.05	63.50	93.79	14.00	46.756	86.461	12.868	0.23	63.50
2.22	0.05	64.04	93.84	14.02	46.077	86.484	12.882	0.23	64.04
2.23	0.05	64.57	93.89	14.05	45.390	86.507	12.896	0.24	64.57
2.24	0.05	65.10	93.94	14.08	44.690	86.529	12.909	0.24	65.10
2.25	0.06	65.63	94.00	14.11	43.970	86.556	12.925	0.29	65.63
2.26	0.07	66.16	94.07	14.15	43.226	86.586	12.944	0.34	66.16
2.27	0.08	66.68	94.15	14.19	43.002	86.621	12.965	0.39	66.68
2.28	0.09	67.20	94.24	14.24	42.239	86.659	12.989	0.45	67.20
2.29	0.11	67.72	94.35	14.31	41.464	86.704	13.018	0.56	67.72
2.30	0.13	68.24	94.48	14.38	40.684	86.757	13.051	0.67	68.24
2.31	0.20	68.53	94.68	14.48	39.902	86.837	13.102	1.04	68.53
2.32	0.19	68.83	94.87	14.60	39.124	86.911	13.150	00	68.83
2.33	0.19	69.12	95.06	14.71	38.354	86.984	13.197	01	69.12
2.34	0.19	69.41	95.25	14.82	37.596	87.056	13.243	03	69.41

2.35	[illegible]9	69.70	95.44	14.93	36.857	87.126	13.288	[illegible]4	69.70
2.36	0.19	69.99	95.63	15.04	36.140	87.194	13.333	1.05	69.99
2.37	0.19	70.28	95.82	15.15	35.313	87.261	13.377	1.06	70.28
2.38	0.19	70.57	96.01	15.26	34.647	87.327	13.420	1.07	70.57
2.39	0.18	70.86	96.20	15.37	34.000	87.392	13.462	1.08	70.86
2.40	0.19	71.14	96.39	15.48	33.370	87.455	13.504	1.09	71.14
2.41	0.19	71.43	96.58	15.59	32.756	87.517	13.545	1.10	71.43
2.42	0.19	71.71	96.77	15.70	32.154	87.578	13.586	1.11	71.71
2.43	0.19	71.99	96.96	15.81	31.564	87.638	13.626	1.12	71.99
2.44	0.18	72.27	97.14	15.91	30.983	87.694	13.663	1.07	72.27
2.45	0.18	72.55	97.32	16.02	30.409	87.749	13.700	1.08	72.55
2.46	0.18	74.16	97.50	16.13	29.841	87.803	13.737	1.09	74.16
2.47	0.18	75.76	97.68	16.24	29.275	87.855	13.774	1.10	75.76
2.48	0.18	77.35	97.86	16.35	28.711	87.907	13.811	1.11	77.35
2.49	0.18	78.94	98.04	16.46	28.147	87.958	13.849	1.12	78.94
2.50	0.18	80.52	98.22	16.58	27.580	88.007	13.886	1.13	80.52
2.51	0.18	82.10	98.40	16.70	26.606	88.054	13.923	1.14	82.10
2.52	0.18	83.67	98.58	16.82	26.032	88.101	13.960	1.15	83.67
2.53	0.18	85.23	98.76	16.95	25.458	88.147	13.997	1.16	85.23
2.54	0.18	86.79	98.94	17.07	24.887	88.192	14.034	1.17	86.79
2.55	0.18	88.34	99.12	17.20	24.321	88.236	14.071	1.18	88.34
2.56	0.18	89.88	99.30	17.34	23.762	88.279	14.108	1.19	89.88
2.57	0.18	91.42	99.48	17.47	23.212	88.320	14.144	1.19	91.42
2.58	0.17	92.95	99.65	17.60	22.673	88.359	14.179	1.14	92.95
2.59	0.17	94.48	99.82	17.73	22.147	88.397	14.213	1.14	94.48
2.60	0.17	96.00	99.99	17.86	21.636	88.433	14.247	1.15	96.00

		CLEAN COAL ASH %	14.25	REFUSE ASH %	45.51
HEAD ASH %	17.86	CLEAN COAL YIELD%	88.43	REFUSE YIELD%	11.57
THEO. YIELD	94.25	ECART PROB. MOYEN	0.3414		
SG OF SEPARATION	2.281	IMPERFECTION	0.388		
NEAR GRAVITY MAT	2.378				
ORGANIC EFFCY.	93.83				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 30 WID: WA1 EQUIPE FRTH SG-ASH 19.00 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 4.16 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	75.61	15.90	75.61	15.90					
45.00	2.05	38.70	77.66	16.51					
60.00	1.74	54.04	79.40	17.33					
90.00	2.51	61.40	81.91	18.68					
120.00	2.02	66.93	83.93	19.84					
300.00	16.07	70.30	100.00	27.95					

HEAD ASH % 27.95 CLEAN COAL ASH % 19.00 REFUSE ASH % 69.14
CLEAN COAL YIELD% 82.15 REFUSE YIELD% 17.85

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 31 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.69 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	59.92	23.17	59.92	23.17					
45.00	3.58	59.79	63.50	25.24					
60.00	2.08	69.27	65.58	26.64					
90.00	3.30	73.06	68.88	28.86					
120.00	2.87	78.79	71.75	30.86					
300.00	28.25	82.15	100.00	45.35					

HEAD ASH % 45.35

CLEAN COAL ASH % 19.00 REFUSE ASH % *****

CLEAN COAL YIELD% 67.53 REFUSE YIELD% 32.47

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 32 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 3.16 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	70.25	21.40	70.25	21.40					
45.00	1.80	62.31	72.05	22.42					
60.00	1.27	71.28	73.32	23.27					
90.00	1.89	77.05	75.21	24.62					
120.00	2.10	81.00	77.31	26.16					
300.00	22.69	84.63	100.00	39.42					

HEAD ASH % 39.42

CLEAN COAL ASH % 19.00 REFUSE ASH % 91.32

CLEAN COAL YIELD% 71.76 REFUSE YIELD% 28.24

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 34 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0
----------FROTH----------
FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.52 ASH% -. 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	70.01	19.23	70.01	19.23					
45.00	6.66	24.06	76.67	19.65					
60.00	3.04	45.62	79.71	20.64					
90.00	4.43	45.69	84.14	21.96					
120.00	1.15	56.03	85.29	22.42					
300.00	14.71	67.53	100.00	29.06					

HEAD ASH % 29.06
CLEAN COAL ASH % 19.00 REFUSE ASH % 71.86
CLEAN COAL YIELD% 80.97 REFUSE YIELD% 19.03

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 36 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.94 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	49.99	26.82	49.99	26.82					
45.00	9.22	41.38	59.21	29.09					
60.00	4.57	55.60	63.78	30.99					
90.00	4.63	66.79	68.41	33.41					
120.00	2.44	73.89	70.85	34.81					
300.00	29.15	79.91	100.00	47.96					

HEAD ASH % 47.96

CLEAN COAL ASH % 19.00 REFUSE ASH % *****

CLEAN COAL YIELD% 65.84 REFUSE YIELD% 34.16

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 37 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0
---------FROTH----------
FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 13.55 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	85.34	17.95	85.34	17.95					
45.00	4.40	55.95	89.74	19.82					
60.00	1.14	70.50	90.88	20.45					
90.00	0.79	76.75	91.67	20.94					
120.00	1.50	79.09	93.17	21.88					
300.00	6.83	80.64	100.00	25.89					

HEAD ASH % 25.89
CLEAN COAL ASH % 19.00 REFUSE ASH % 63.34
CLEAN COAL YIELD% 84.46 REFUSE YIELD% 15.54

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 38 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.25 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	70.87	13.53	70.87	13.53					
45.00	8.05	24.63	78.92	14.67					
60.00	2.64	36.05	81.56	15.36					
90.00	3.80	48.78	85.36	16.85					
120.00	1.82	59.90	87.18	17.75					
300.00	12.82	75.73	100.00	25.18					

HEAD ASH % 25.18

CLEAN COAL ASH % 19.00 REFUSE ASH % 61.05

CLEAN COAL YIELD% 85.30 REFUSE YIELD% 14.70

Yield Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : DATA SET CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN LO

MINE PERIOD : PROPERTY

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
LR	DDH82005	30	WA1	12.92	49.539978	10.79	95.57	47.343948	58.87	4.43	2.196030
LR	DDH82005	31	WA1	33.36	33.019974	25.12	85.21	28.137039	80.79	14.79	4.882936
LR	DDH82005	32	WA1	16.87	10.379999	16.16	93.55	9.710148	58.12	6.45	0.669851
LR	DDH82005	34	WA1	20.99	32.849991	17.89	92.21	30.292282	57.64	7.79	2.557702
LR	DDH82005	36	WA1	36.85	15.759998	31.60	86.58	13.644232	70.68	13.42	2.115766
LR	DDH82005	37	WA1	42.30	3.699999	35.39	78.38	2.900075	67.36	21.62	0.799924
LR	DDH82005	38	WA1	20.93	8.389998	18.51	93.58	7.851378	56.20	6.42	0.538619
TOTALS				23.04	153.639908	18.56	91.04	139.879074	68.59	8.96	13.760825

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : FRACTION CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN LO

MINE PERIOD : PROPERTY

FRACTION SIZE (MM) 10.00 X 0.60 FLOAT EQUIPEMENT JIG SG 2.53

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
LR	DDH82005	30	WA1	11.71	43.188965	10.33	97.07	41.925461	57.46	2.93	1.263504
LR	DDH82005	31	WA1	31.42	27.644333	25.30	88.53	24.474167	78.65	11.47	3.170166
LR	DDH82005	32	WA1	17.54	9.261036	15.97	95.20	8.816892	48.65	4.80	0.444144
LR	DDH82005	34	WA1	20.33	27.143951	18.02	93.89	25.485001	55.85	6.11	1.658951
LR	DDH82005	36	WA1	36.15	13.121775	32.77	89.56	11.751681	65.11	10.44	1.370093
LR	DDH82005	37	WA1	49.03	2.565579	42.82	76.56	1.964199	69.33	23.44	0.601380
LR	DDH82005	38	WA1	21.10	6.758144	19.13	95.07	6.424702	59.19	4.93	0.333443
				21.83	129.683746	18.57	93.18	120.842072	66.37	6.82	8.841681

FRACTION SIZE (MM) 0.60 X 0.15 FLOAT EQUIPEMENT WOC2 SG 1.88

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
LR	DDH82005	30	WA1	17.87	4.290163	12.19	86.84	3.725536	55.34	13.16	0.564627
LR	DDH82005	31	WA1	42.24	3.496818	26.58	68.47	2.394133	76.24	31.53	1.102685
LR	DDH82005	32	WA1	25.89	0.790956	17.66	83.18	0.657888	66.60	16.82	0.133068
LR	DDH82005	34	WA1	21.12	3.564224	16.19	86.22	3.072956	51.91	13.78	0.491268
LR	DDH82005	36	WA1	36.13	1.702080	26.90	74.98	1.276205	63.78	25.02	0.425875
LR	DDH82005	37	WA1	28.04	0.633070	20.50	80.94	0.512424	60.11	19.06	0.120646
LR	DDH82005	38	WA1	17.86	1.107479	14.25	88.43	0.979380	45.51	11.57	0.128099
				26.89	15.584789	18.16	80.97	12.618521	64.03	19.03	2.966267

FRACTION SIZE (MM) 0.15 X 0.0 FROTH EQUIPEMENT FRTH SG 0.0

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
LR	DDH82005	30	WA1	27.95	2.060863	19.00	82.15	1.692965	69.14	17.85	0.367899
LR	DDH82005	31	WA1	45.95	1.878838	19.00	67.53	1.268753	*****	32.47	0.610085
LR	DDH82005	32	WA1	39.42	0.328008	19.00	71.76	0.235369	91.32	28.24	0.092639
LR	DDH82005	34	WA1	29.06	2.141820	19.00	80.97	1.734337	71.86	19.03	0.407483
LR	DDH82005	36	WA1	47.96	0.936144	19.00	65.84	0.616346	*****	34.16	0.319798
LR	DDH82005	37	WA1	25.89	0.501350	19.00	84.46	0.423452	63.34	15.54	0.077898
LR	DDH82005	38	WA1	25.18	0.524375	19.00	85.30	0.447298	61.05	14.70	0.077077
				34.53	8.371397	19.00	76.67	6.416518	85.57	23.33	1.952878

TOTALS				23.04	153.639908	18.56	91.04	139.879105	68.59	8.96	13.760824

Averaged Quality Data Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN LO

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	RM 1008	ASH 1009	VM 1010	FC 1011	TS 1012	HGI 1019	C 1805	H 1806	N 1807	O 1808
KPNLRDDH82005	30	2.520	10.788	7.746	78.946	0.440	35.000	81.278	2.696	0.843	4.039
KPNLRDDH82005	31	1.600	25.125	6.333	66.942	0.460	39.000	68.807	2.279	0.757	1.018
KPNLRDDH82005	32	1.900	16.159	10.277	71.665	0.530	37.000	74.652	2.684	0.888	5.149
KPNLRDDH82005	34	1.770	17.893	8.229	72.108	0.510	43.000	72.914	2.297	0.927	3.686
KPNLRDDH82005	36	1.450	31.599	6.930	60.021	0.500	41.000	58.174	2.066	0.689	5.602
KPNLRDDH82005	37	1.060	35.394	5.940	57.606	0.560	*******	57.645	2.102	0.698	2.657
KPNLRDDH82005	38	2.950	18.511	9.599	68.941	0.490	54.000	70.404	2.122	0.982	4.549
QUALITY		2.019	18.557	7.729	71.695	0.477	39.419	71.667	2.370	0.820	3.512

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN LO

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	SIO2 1504	AL23 1505	FE23 1506	CAO 1507	MGO 1508	TIO2 1509	NA2O 1510	K2O 1511	SO3 1512	P2O5 1513
KPNLRDDH82005	30	45.310	14.210	2.520	7.180	4.680	0.580	0.760	0.940	5.070	1.780
KPNLRDDH82005	31	69.530	17.060	1.600	1.080	1.220	0.650	1.260	0.680	1.040	0.260
KPNLRDDH82005	32	38.750	19.640	1.900	3.120	3.060	0.620	1.010	1.200	3.720	0.330
KPNLRDDH82005	34	53.560	16.470	1.770	4.680	2.000	0.900	1.180	0.900	1.600	2.600
KPNLRDDH82005	36	64.560	18.840	1.450	0.950	0.490	0.960	1.690	0.830	0.430	0.690
KPNLRDDH82005	37	69.360	18.810	1.060	1.760	2.040	0.870	0.840	0.380	0.360	0.450
KPNLRDDH82005	38	53.230	17.110	2.950	8.390	1.700	0.690	1.430	0.300	1.870	4.050
QUALITY		57.823	17.317	1.864	3.570	2.113	0.749	1.194	0.800	2.030	1.322

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN LO

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO	SID	DIT 1404	DST 1405	DHT 1406	DFT 1407	RIT 1408	RST 1409	RHT 1410	RFT 1411
KPNLRDDH82005	30	1225.000	1245.000	1270.000	1305.000	1170.000	1185.000	1205.000	1235.000
KPNLRDDH82005	31	1310.000	1450.000	1470.000	1500.000	1300.000	1450.000	1460.000	1500.000
KPNLRDDH82005	32	1250.000	1320.000	1335.000	1370.000	1130.000	1175.000	1200.000	1315.000
KPNLRDDH82005	34	1235.000	1265.000	1275.000	1300.000	1235.000	1265.000	1275.000	1295.000
KPNLRDDH82005	36	1300.000	1495.000	1500.000	1500.000	1300.000	1485.000	1500.000	1500.000
KPNLRDDH82005	37	1305.000	1410.000	1445.000	1490.000	1300.000	1405.000	1420.000	1485.000
KPNLRDDH82005	38	1220.000	1255.000	1275.000	1315.000	1215.000	1245.000	1270.000	1315.000
QUALITY		1267.089	1358.149	1374.845	1401.257	1245.812	1335.160	1349.903	1382.917

ASTERIKS MEANS NO VALUE

Property

Briquetting Coal Product

Washability Data

Individual Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 1 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 81.32 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	3.76	4.55	3.76	4.55	96.24	28.86
1.35	3.26	9.52	7.02	6.86	92.98	29.54
1.40	3.32	9.61	10.34	7.75	89.66	30.28
1.45	26.34	9.61	36.68	9.09	63.32	38.88
1.50	13.26	12.75	49.94	10.06	50.06	45.80
1.55	8.28	18.62	58.22	11.28	41.78	51.19
1.60	5.55	22.68	63.77	12.27	36.23	55.55
1.65	3.84	26.43	67.61	13.07	32.39	59.01
1.70	2.76	28.98	70.37	13.70	29.63	61.80
1.80	3.10	32.10	73.47	14.47	26.53	65.27
1.90	3.02	39.41	76.49	15.46	23.51	68.59
2.60	23.51	68.59	100.00	27.95	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 1 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.02 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	10.31	0.87	10.31	0.87	89.69	20.49
1.35	7.03	2.34	17.34	1.47	82.66	22.03
1.40	6.78	3.99	24.12	2.17	75.88	23.64
1.45	24.67	6.09	48.79	4.16	51.21	32.09
1.50	20.60	9.63	69.39	5.78	30.61	47.21
1.55	4.94	15.24	74.33	6.41	25.67	53.37
1.60	3.03	19.73	77.36	6.93	22.64	57.87
1.65	2.41	24.39	79.77	7.46	20.23	61.85
1.70	1.73	28.01	81.50	7.90	18.50	65.02
1.80	1.36	32.38	82.86	8.30	17.14	67.61
1.90	1.89	37.05	84.75	8.94	15.25	71.40
2.60	15.25	71.40	100.00	18.46	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCODHB2001 SAMPLE ID 1 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.66 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	69.29	16.21	69.29	16.21	30.71	75.90
45.00	4.41	44.91	73.70	17.93	26.30	81.10
60.00	1.60	48.00	75.30	18.57	24.70	83.25
90.00	1.43	66.64	76.73	19.47	23.27	84.27
120.00	1.43	78.19	78.16	20.50	21.84	84.79
300.00	21.84	84.79	100.00	34.55	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 2 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 73.40 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	5.94	0.01	5.94	0.01	94.06	25.38
1.35	6.57	1.22	12.52	0.65	87.48	27.20
1.40	8.64	4.90	21.16	2.38	78.84	29.64
1.45	18.06	7.90	39.22	4.92	60.78	36.10
1.50	16.07	11.99	55.29	6.98	44.71	44.77
1.55	6.32	18.03	61.61	8.11	38.39	49.17
1.60	4.05	22.62	65.66	9.01	34.34	52.30
1.65	2.93	26.86	68.59	9.77	31.41	54.68
1.70	2.42	30.56	71.01	10.48	28.99	56.69
1.80	3.38	34.97	74.39	11.59	25.61	59.56
1.90	2.41	39.47	76.80	12.47	23.20	61.64
2.60	23.20	61.64	100.00	23.87	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 2 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.23 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	22.24	0.57	22.24	0.57	77.76	24.54
1.35	13.51	2.06	35.75	1.13	64.25	29.26
1.40	10.11	4.72	45.86	1.92	54.14	33.84
1.45	7.59	7.21	53.45	2.68	46.55	38.19
1.50	7.01	10.26	60.46	3.55	39.54	43.14
1.55	7.04	13.33	67.50	4.57	32.50	49.59
1.60	5.99	17.61	73.49	5.64	26.51	56.82
1.65	3.15	23.43	76.64	6.37	23.36	61.33
1.70	1.43	27.84	78.07	6.76	21.93	63.51
1.80	2.41	32.29	80.48	7.53	19.52	67.36
1.90	1.63	37.47	82.11	8.12	17.89	70.08
2.60	17.89	70.08	100.00	19.21	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 2 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 9.37 ASH% - .0:0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	77.74	13.26	77.74	13.26	22.26	65.22
45.00	2.65	30.38	80.39	13.83	19.61	69.93
60.00	1.90	49.73	82.29	14.66	17.71	72.10
90.00	1.77	57.95	84.06	15.57	15.94	73.67
120.00	1.63	68.04	85.69	16.57	14.31	74.31
300.00	14.31	74.31	100.00	24.83	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 3 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 60.62 ASH% - 0.0

ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	2.17	1.08	2.17	1.08	97.83	21.61
1.35	1.48	2.70	3.65	1.74	96.35	21.90
1.40	1.43	4.11	5.08	2.40	94.92	22.16
1.45	17.58	4.97	22.66	4.39	77.34	26.07
1.50	17.63	8.40	40.29	6.15	59.71	31.29
1.55	13.25	13.83	53.54	8.05	46.46	36.27
1.60	10.39	18.35	63.93	9.72	36.07	41.43
1.65	6.77	22.99	70.70	10.99	29.30	45.70
1.70	4.28	26.06	74.98	11.85	25.02	49.06
1.80	4.84	29.49	79.82	12.92	20.18	53.75
1.90	3.41	35.59	83.23	13.86	16.77	57.44
2.60	16.77	97.44	100.00	21.16	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDHB2001 SAMPLE ID 3 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 0.60 X 0.0 RELATIVE WT% - 23.00 ASH% - 0.0

SG-TMP	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	6.66	1.87	6.66	1.87	93.34	14.58
1.35	4.54	3.96	11.20	2.72	88.80	15.12
1.40	4.38	4.24	15.58	3.15	84.42	15.68
1.45	22.48	4.66	38.06	4.04	61.94	19.68
1.50	20.02	7.17	58.08	5.12	41.92	25.66
1.55	8.25	11.37	66.33	5.90	33.67	29.16
1.60	7.01	14.62	73.34	6.73	26.66	32.98
1.65	6.60	17.45	79.94	7.62	20.06	38.10
1.70	5.43	20.85	85.37	8.46	14.63	44.50
1.80	4.66	26.59	90.03	9.40	9.97	52.87
1.90	1.95	35.18	91.98	9.94	8.02	57.17
2.60	8.02	57.17	100.00	13.73	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 3 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 16.38 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	78.77	10.09	78.77	10.09	21.23	30.78
45.00	4.49	14.67	83.26	10.34	16.74	35.10
60.00	1.77	18.74	85.03	10.52	14.97	37.04
90.00	2.70	28.91	87.73	11.08	12.27	38.83
120.00	2.00	33.97	89.73	11.59	10.27	38.77
300.00	10.27	39.77	100.00	14.49	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCODH82001 SAMPLE ID 5 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 71.79 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	6.90	1.14	6.90	1.14	93.10	19.12
1.35	4.70	2.79	11.60	1.81	88.40	19.99
1.40	4.53	4.07	16.13	2.44	83.87	20.85
1.45	19.63	5.64	35.76	4.20	64.24	25.50
1.50	19.29	9.89	55.05	6.19	44.95	32.20
1.55	12.47	15.83	67.52	7.97	32.48	38.49
1.60	8.54	20.65	76.06	9.39	23.94	44.86
1.65	4.93	26.08	80.99	10.41	19.01	49.73
1.70	3.23	30.23	84.22	11.17	15.78	53.72
1.80	3.63	35.01	87.85	12.16	12.15	59.30
1.90	2.65	41.13	90.50	13.00	9.50	64.37
2.60	9.50	64.38	100.00	17.88	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID S WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.65 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	5.34	0.33	5.34	0.33	94.66	15.31
1.35	7.94	1.31	13.28	0.92	86.72	16.60
1.40	11.48	3.33	24.76	2.03	75.24	18.62
1.45	19.51	4.62	44.27	3.17	55.73	23.52
1.50	18.37	7.38	62.64	4.41	37.36	31.46
1.55	9.63	12.04	72.27	5.42	27.73	38.21
1.60	6.19	16.29	78.46	6.28	21.54	44.50
1.65	4.04	21.13	82.50	7.01	17.50	49.90
1.70	2.76	24.39	85.26	7.57	14.74	54.67
1.80	2.80	28.36	88.06	8.23	11.94	60.84
1.90	2.16	36.30	90.22	8.90	9.78	66.26
2.60	9.78	66.26	100.00	14.51	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 9 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 10.56 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	59.48	9.49	59.48	9.49	40.52	30.14
45.00	10.94	11.11	70.42	9.75	29.58	37.18
60.00	4.37	11.42	74.79	9.84	25.21	41.64
90.00	3.68	21.41	78.47	10.39	21.53	45.10
120.00	3.32	34.90	81.79	11.38	18.21	46.96
300.00	18.21	46.96	100.00	17.86	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 6 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 82.91 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.04	1.51	2.04	1.51	97.96	39.85
1.35	1.39	3.73	3.44	2.41	96.56	40.37
1.40	1.34	5.57	4.78	3.29	95.22	40.86
1.45	6.83	6.85	11.61	5.39	88.39	43.49
1.50	7.54	10.86	19.15	7.54	80.85	46.53
1.55	7.94	15.57	27.09	9.89	72.91	49.90
1.60	7.93	20.60	35.02	12.32	64.98	53.47
1.65	8.24	25.64	43.26	14.86	56.74	57.52
1.70	7.44	29.61	50.70	17.02	49.30	61.73
1.80	7.82	34.26	58.52	19.33	41.48	66.91
1.90	8.12	40.39	66.64	21.89	33.36	73.36
2.60	33.36	73.36	100.00	39.06	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT — INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCODH82001 SAMPLE ID G WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 11.53 ASH% - 0.0

SG-TMP	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	4.42	0.45	4.42	0.45	95.58	40.50
1.35	3.95	1.79	8.37	1.08	91.63	42.17
1.40	4.74	4.38	13.11	2.27	86.89	44.23
1.45	5.67	6.07	18.78	3.42	81.22	46.89
1.50	6.44	9.23	25.22	4.91	74.78	50.14
1.55	7.70	12.68	32.92	6.72	67.08	54.44
1.60	7.40	17.63	40.32	8.73	59.68	59.00
1.65	5.42	23.66	45.74	10.49	54.26	62.53
1.70	4.03	27.38	49.77	11.86	50.23	65.35
1.80	6.57	31.61	56.34	14.17	43.66	70.43
1.90	6.76	38.08	63.10	16.73	36.90	76.35
2.60	36.90	76.35	100.00	38.73	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 6 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.56 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	50.81	23.12	50.81	23.12	49.19	72.00
45.00	3.30	50.88	54.11	24.82	45.89	73.52
60.00	2.91	56.41	57.02	26.43	42.98	74.67
90.00	4.47	61.19	61.49	28.96	38.51	76.24
120.00	4.04	70.64	65.53	31.53	34.47	76.89
300.00	34.47	76.89	100.00	47.17	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 7 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 77.03 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.74	1.96	1.74	1.96	98.26	31.05
1.35	1.19	4.47	2.93	2.98	97.07	31.38
1.40	1.15	5.72	4.08	3.75	95.92	31.69
1.45	16.91	6.54	20.99	6.00	79.01	37.07
1.50	16.89	9.11	37.88	7.39	62.12	44.67
1.55	11.88	13.30	49.76	8.80	50.24	52.09
1.60	8.30	18.45	58.06	10.18	41.94	58.74
1.65	4.34	25.26	62.40	11.22	37.60	62.61
1.70	2.76	29.59	65.16	12.00	34.84	65.22
1.80	3.50	34.52	68.66	13.15	31.34	68.65
1.90	3.37	41.54	72.03	14.48	27.97	71.92
2.60	27.97	71.92	100.00	30.55	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 7 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.36 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	4.46	0.90	4.46	0.90	95.54	32.47
1.35	3.04	2.37	7.51	1.50	92.49	33.47
1.40	2.93	3.87	10.44	2.16	89.56	34.43
1.45	16.81	5.14	27.25	4.00	72.75	41.21
1.50	15.40	7.97	42.65	5.43	57.35	50.13
1.55	6.90	12.66	49.55	6.44	50.45	55.25
1.60	5.15	16.14	54.70	7.35	45.30	59.70
1.65	4.25	19.12	58.95	8.20	41.05	63.90
1.70	3.04	22.94	61.99	8.93	38.01	67.17
1.80	3.00	29.63	64.99	9.88	35.01	70.39
1.90	3.31	36.26	68.30	11.16	31.70	73.95
2.60	31.70	73.95	100.00	31.07	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82001 SAMPLE ID 7 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.61 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	52.31	16.58	52.31	16.58	47.69	64.76
45.00	3.85	33.40	56.16	17.74	43.84	67.51
60.00	3.24	45.17	59.40	19.23	40.60	69.29
90.00	3.71	57.70	63.11	21.50	36.89	70.46
120.00	4.56	64.75	67.67	24.41	32.33	71.26
300.00	32.33	71.26	100.00	39.56	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDHB2002 SAMPLE ID 8 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 77.44 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.46	0.01	3.46	0.01	96.54	28.22
1.35	5.18	1.30	8.64	0.78	91.36	29.75
1.40	8.06	4.95	16.70	2.79	83.30	32.15
1.45	14.46	7.23	31.16	4.85	68.84	37.38
1.50	14.23	10.63	45.39	6.66	54.61	44.35
1.55	9.62	15.39	55.01	8.19	44.99	50.54
1.60	7.18	21.15	62.19	9.69	37.81	56.12
1.65	4.99	28.28	67.18	11.07	32.82	60.36
1.70	3.47	32.51	70.65	12.12	29.35	63.65
1.80	4.10	36.41	74.75	13.45	25.25	68.07
1.90	3.05	41.20	77.80	14.54	22.20	71.77
2.60	22.20	71.77	100.00	27.24	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 8 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 14.63 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	14.55	0.71	14.55	0.71	85.45	23.20
1.35	11.01	2.10	25.57	1.31	74.43	26.32
1.40	11.20	4.05	36.77	2.14	63.23	30.27
1.45	13.09	6.00	49.86	3.16	50.14	36.60
1.50	12.32	9.95	62.18	4.50	37.82	45.28
1.55	7.00	15.31	69.18	5.60	30.82	52.09
1.60	3.77	19.76	72.95	6.33	27.05	56.60
1.65	3.20	24.01	76.15	7.07	23.85	60.96
1.70	2.22	27.73	78.37	7.66	21.63	64.38
1.80	2.16	32.63	80.53	8.33	19.47	67.90
1.90	2.78	38.74	83.31	9.34	16.69	72.76
2.60	16.69	72.76	100.00	19.93	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 8 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.93 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	72.36	10.56	72.36	10.56	27.64	58.44
45.00	3.86	18.83	76.22	10.98	23.78	64.87
60.00	2.10	28.25	78.32	11.45	21.68	68.42
90.00	2.87	50.87	81.19	12.84	18.81	71.09
120.00	2.10	68.07	83.29	14.23	16.71	71.47
300.00	16.71	71.47	100.00	23.80	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 11 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 54.82 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.15	3.26	0.15	3.26	99.85	28.23
1.35	0.10	6.97	0.24	4.76	99.76	28.25
1.40	0.10	7.58	0.34	5.56	99.66	28.27
1.45	9.56	7.79	9.90	7.72	90.10	30.44
1.50	12.50	10.60	22.40	9.32	77.60	33.64
1.55	17.99	14.07	40.39	11.44	59.61	39.54
1.60	16.00	18.84	56.39	13.54	43.61	47.14
1.65	7.82	25.67	64.21	15.02	35.79	51.83
1.70	4.15	29.90	68.36	15.92	31.64	54.71
1.80	5.02	34.16	73.38	17.17	26.62	58.59
1.90	6.24	39.59	79.62	18.92	20.38	64.40
2.60	20.38	64.40	100.00	28.19	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 11 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 23.80 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	3.25	1.36	3.25	1.36	96.75	21.87
1.35	2.22	3.11	5.47	2.07	94.53	22.31
1.40	2.14	3.98	7.61	2.61	92.39	22.73
1.45	15.51	4.56	23.12	3.92	76.88	26.40
1.50	15.74	7.48	38.86	5.36	61.14	31.27
1.55	13.62	12.08	52.48	7.11	47.52	36.77
1.60	9.56	15.92	62.04	8.47	37.96	42.02
1.65	4.61	19.62	66.65	9.24	33.35	45.11
1.70	4.28	24.39	70.93	10.15	29.07	48.17
1.80	8.36	31.38	79.29	12.39	20.71	54.94
1.90	5.04	37.49	84.33	13.89	15.67	60.55
2.60	15.67	60.55	100.00	21.20	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 11 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 21.38 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	76.97	10.19	76.97	10.19	23.03	26.57
45.00	14.48	14.47	91.45	10.87	8.55	47.05
60.00	3.33	22.41	94.78	11.28	5.22	62.77
90.00	1.76	40.64	96.54	11.81	3.46	74.02
120.00	0.83	54.06	97.37	12.17	2.63	80.29
300.00	2.63	80.29	100.00	13.97	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 12 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 59.97 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.96	1.39	1.96	1.39	98.04	30.27
1.35	1.34	3.56	3.29	2.27	96.71	30.64
1.40	1.29	5.63	4.58	3.21	95.42	30.98
1.45	12.74	7.55	17.32	6.40	82.68	34.59
1.50	12.33	10.65	29.65	8.17	70.35	38.79
1.55	8.71	14.38	38.36	9.68	61.64	42.24
1.60	8.49	17.99	46.85	11.10	53.15	46.11
1.65	8.74	20.74	55.59	12.62	44.41	51.10
1.70	7.23	25.77	62.82	14.13	37.18	56.03
1.80	4.46	34.85	67.28	15.51	32.72	58.91
1.90	3.02	39.77	70.30	16.55	29.70	60.86
2.60	29.70	60.86	100.00	29.71	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 12 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 21.95 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	10.99	0.95	10.99	0.95	89.01	10.39
1.35	11.17	2.23	22.16	1.60	77.84	11.57
1.40	13.49	3.41	35.65	2.28	64.35	13.27
1.45	20.82	4.02	56.47	2.92	43.53	17.70
1.50	19.31	6.83	75.78	3.92	24.22	26.36
1.55	9.27	12.45	85.05	4.85	14.95	34.99
1.60	4.45	16.96	89.50	5.45	10.50	42.63
1.65	1.84	21.61	91.34	5.78	8.66	47.10
1.70	1.46	25.41	92.80	6.09	7.20	51.49
1.80	2.08	30.12	94.88	6.61	5.12	60.17
1.90	0.83	37.80	95.71	6.88	4.29	64.50
2.60	4.29	64.50	100.00	9.36	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 12 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 18.08 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	65.13	6.30	65.13	6.30	34.87	16.43
45.00	23.94	9.05	89.07	7.04	10.93	32.58
60.00	4.92	14.94	93.99	7.46	6.01	47.02
90.00	2.72	28.18	96.71	8.04	3.29	62.59
120.00	0.79	40.65	97.50	8.30	2.50	69.48
300.00	2.50	69.48	100.00	9.84	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 13 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 74.36 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.19	1.34	1.19	1.34	98.81	60.78
1.35	0.81	3.43	2.01	2.18	97.99	61.25
1.40	0.78	5.43	2.79	3.09	97.21	61.70
1.45	4.23	6.22	7.02	4.97	92.98	64.22
1.50	3.67	10.75	10.69	6.96	89.31	66.42
1.55	3.12	18.21	13.81	9.50	86.19	68.17
1.60	3.14	23.90	16.95	12.17	83.05	69.84
1.65	3.20	28.04	20.15	14.69	79.85	71.52
1.70	3.24	32.82	23.39	17.20	76.61	73.15
1.80	7.53	39.12	30.92	22.54	69.08	76.86
1.90	5.62	44.41	36.54	25.90	63.46	79.74
2.60	63.46	79.74	100.00	60.07	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 13 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 14.66 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	7.36	0.86	7.36	0.96	92.64	32.48
1.35	7.14	2.34	14.50	1.64	85.50	35.00
1.40	8.61	3.69	23.11	2.40	76.89	38.50
1.45	18.07	4.21	41.18	3.20	58.82	49.03
1.50	6.29	8.82	47.47	3.94	52.53	53.85
1.55	5.77	18.16	53.24	5.48	46.76	58.25
1.60	6.26	22.40	59.50	7.26	40.50	63.79
1.65	2.44	22.96	61.94	7.88	38.06	66.41
1.70	2.26	26.94	64.20	8.55	35.80	68.90
1.80	4.19	33.95	68.39	10.11	31.61	73.54
1.90	2.93	42.89	71.32	11.46	28.68	76.67
2.60	28.68	76.67	100.00	30.16	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82002 SAMPLE ID 13 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 10.98 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	77.80	14.48	77.80	14.48	22.20	61.81
45.00	7.87	34.73	85.67	16.35	14.33	76.67
60.00	2.88	58.67	88.55	17.72	11.45	81.20
90.00	1.88	74.72	90.43	18.91	9.57	82.48
120.00	0.88	78.84	91.31	19.48	8.69	82.84
300.00	8.69	82.84	100.00	24.99	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 16 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.19 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.50	1.21	2.50	1.21	97.50	36.76
1.35	1.71	3.40	4.21	2.10	95.79	37.36
1.40	1.64	6.15	5.85	3.23	94.15	37.90
1.45	6.67	8.08	12.52	5.82	87.48	40.18
1.50	7.99	12.54	20.51	8.44	79.49	42.95
1.55	9.16	17.53	29.67	11.24	70.33	46.26
1.60	9.07	21.80	38.74	13.72	61.26	49.89
1.65	7.99	25.96	46.73	15.81	53.27	53.47
1.70	5.80	29.89	52.53	17.37	47.47	56.35
1.80	5.85	35.84	58.38	19.22	41.62	59.24
1.90	4.07	39.99	62.45	20.57	37.55	61.32
2.60	37.55	61.32	100.00	35.87	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDHB2003 SAMPLE ID 16 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 12.77 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	11.63	1.25	11.63	1.25	88.37	36.01
1.35	7.78	3.33	19.42	2.08	80.58	39.16
1.40	6.98	5.57	26.40	3.00	73.60	42.35
1.45	6.44	7.65	32.84	3.92	67.16	45.68
1.50	6.40	11.03	39.24	5.08	60.76	49.33
1.55	6.38	14.47	45.62	6.39	54.38	53.42
1.60	6.34	18.15	51.96	7.82	48.04	58.07
1.65	5.47	21.73	57.43	9.15	42.57	62.74
1.70	4.36	25.53	61.79	10.31	38.21	66.99
1.80	6.26	31.40	68.05	12.25	31.95	73.96
1.90	3.00	43.13	71.05	13.55	28.95	77.15
2.60	28.95	77.15	100.00	31.96	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 16 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.04 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	76.24	15.95	76.24	15.95	23.76	69.12
45.00	5.49	39.74	81.73	17.55	18.27	77.95
60.00	2.05	61.23	83.78	18.62	16.22	80.06
90.00	2.24	71.47	86.02	20.00	13.98	81.44
120.00	1.00	75.93	87.02	20.64	12.98	81.86
300.00	12.98	81.86	100.00	28.59	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 17 WASHABILITY ID WAI

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.70 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.99	1.61	2.99	1.61	97.01	29.71
1.35	2.04	4.15	5.03	2.64	94.97	30.26
1.40	1.96	6.57	6.99	3.74	93.01	30.76
1.45	13.41	8.03	20.40	6.56	79.60	34.59
1.50	13.50	11.93	33.90	8.70	66.10	39.21
1.55	11.50	17.67	45.40	10.97	54.60	43.75
1.60	10.38	21.94	55.78	13.01	44.22	48.87
1.65	8.17	25.36	63.95	14.59	36.05	54.20
1.70	6.02	29.81	69.97	15.90	30.03	59.09
1.80	7.19	36.43	77.16	17.81	22.84	66.22
1.90	1.88	42.72	79.04	18.40	20.96	68.33
2.80	20.96	68.33	100.00	28.87	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 17 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.48 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	9.85	0.90	9.85	0.90	90.15	19.62
1.35	9.39	2.71	19.24	1.78	80.76	21.58
1.40	11.13	5.48	30.37	3.13	69.63	24.16
1.45	15.99	7.31	46.36	4.58	53.64	29.18
1.50	15.36	10.64	61.72	6.09	38.28	36.62
1.55	9.27	16.02	70.99	7.38	29.01	43.20
1.60	5.25	19.21	76.24	8.20	23.76	48.50
1.65	2.63	21.13	78.87	8.63	21.13	51.91
1.70	2.64	25.06	81.51	9.16	18.49	55.74
1.80	5.35	31.28	86.86	10.52	13.14	65.69
1.90	1.51	39.67	88.37	11.02	11.63	69.07
2.60	11.63	69.07	100.00	17.77	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 17 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.81 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	81.91	14.60	81.91	14.60	18.09	65.05
45.00	3.79	30.29	85.70	15.30	14.30	74.27
60.00	2.05	50.06	87.75	16.11	12.25	78.32
90.00	1.60	69.29	89.35	17.06	10.65	79.67
120.00	1.02	76.75	90.37	17.74	9.63	79.98
300.00	9.63	79.98	100.00	23.73	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 18 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 75.60 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.74	1.19	2.74	1.19	97.26	34.80
1.35	1.87	3.46	4.61	2.11	95.39	35.41
1.40	1.80	6.43	6.41	3.32	93.59	35.97
1.45	7.04	8.54	13.45	6.05	86.55	38.20
1.50	9.22	12.41	22.67	8.64	77.33	41.28
1.55	11.41	16.54	34.08	11.29	65.92	45.56
1.60	11.40	19.91	45.48	13.45	54.52	50.92
1.65	10.01	23.23	55.49	15.21	44.51	57.14
1.70	6.88	27.09	62.37	16.52	37.63	62.64
1.80	5.64	33.72	68.01	17.95	31.99	67.74
1.90	3.94	42.44	71.95	19.29	28.05	71.30
2.80	28.05	71.30	100.00	33.88	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 18 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.26 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	9.30	1.18	9.30	1.18	90.70	32.00
1.35	7.14	3.20	16.45	2.07	83.55	34.47
1.40	7.59	5.48	24.04	3.14	75.96	37.36
1.45	8.25	7.15	32.29	4.17	67.71	41.04
1.50	8.67	9.52	40.96	5.30	59.04	45.67
1.55	9.87	12.26	50.83	6.85	49.17	52.39
1.60	9.34	16.30	60.17	8.15	39.83	60.84
1.65	5.35	21.55	65.52	9.24	34.48	66.94
1.70	2.71	26.22	68.23	9.92	31.77	70.41
1.80	3.95	32.54	72.18	11.16	27.82	75.79
1.90	1.71	40.56	73.89	11.84	26.11	78.10
2.60	26.11	78.10	100.00	29.14	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 18 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 9.14 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TMC	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	72.79	11.96	72.79	11.96	27.21	57.71
45.00	9.75	26.46	82.54	13.68	17.46	75.16
60.00	3.26	44.33	85.80	14.84	14.20	82.24
90.00	1.52	70.44	87.32	15.81	12.68	83.66
120.00	1.44	79.21	88.76	16.84	11.24	84.22
300.00	11.24	84.22	100.00	24.41	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 19 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 78.93 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.41	1.18	2.41	1.18	97.59	39.19
1.35	2.37	3.34	4.78	2.25	95.22	40.08
1.40	2.65	6.49	7.43	3.76	92.57	41.04
1.45	3.07	8.02	10.50	5.01	89.50	42.18
1.50	5.15	11.51	15.65	7.15	84.35	44.05
1.55	8.72	14.65	24.37	9.83	75.63	47.44
1.60	9.36	19.93	33.73	12.63	66.27	51.33
1.65	8.21	26.60	41.94	15.37	58.06	54.82
1.70	6.88	31.30	48.82	17.61	51.18	57.98
1.80	8.28	36.87	57.10	20.41	42.90	62.06
1.90	6.32	43.50	63.42	22.71	36.58	65.27
2.60	36.58	65.27	100.00	38.28	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 19 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 14.45 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	7.25	0.87	7.25	0.87	92.75	33.76
1.35	6.92	2.58	14.17	1.70	85.83	36.27
1.40	8.27	5.13	22.44	2.96	77.56	39.59
1.45	11.72	6.56	34.16	4.20	65.84	45.48
1.50	11.39	10.39	45.55	5.75	54.45	52.62
1.55	7.33	16.80	52.88	7.28	47.13	58.41
1.60	4.51	20.88	57.39	8.95	42.61	62.39
1.65	2.42	23.74	59.81	8.97	40.19	64.72
1.70	2.44	27.91	62.25	9.71	37.75	67.10
1.80	5.54	33.79	67.79	11.68	32.21	72.82
1.90	2.57	41.53	70.36	12.77	29.64	75.54
2.60	29.64	75.54	100.00	31.37	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 19 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.62 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	75.32	19.81	75.32	19.81	24.68	76.08
45.00	4.84	52.60	80.16	21.79	19.84	81.81
60.00	1.86	72.20	82.02	22.94	17.98	82.80
90.00	2.69	78.56	84.71	24.70	15.29	83.54
120.00	3.65	80.07	88.36	26.99	11.64	84.63
300.00	11.64	84.63	100.00	33.70	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 20 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 86.12 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.63	0.91	2.63	0.91	97.37	33.80
1.35	1.80	3.03	4.43	1.77	95.57	34.37
1.40	1.73	6.50	6.16	3.09	93.84	34.89
1.45	7.15	8.88	13.31	6.20	86.69	37.03
1.50	10.11	12.76	23.42	9.03	76.58	40.24
1.55	15.36	16.68	38.78	12.06	61.22	46.15
1.60	14.09	21.73	52.87	14.64	47.13	53.45
1.65	7.34	28.84	60.21	16.37	39.79	57.99
1.70	4.90	34.10	65.11	17.70	34.89	61.34
1.80	6.83	39.43	71.94	19.77	28.06	66.68
1.90	3.21	42.70	75.15	20.75	24.85	69.78
2.60	24.85	69.78	100.00	32.93	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 20 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 9.54 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	5.14	5.37	5.14	5.37	94.86	39.71
1.35	5.91	10.14	11.05	7.92	88.95	41.67
1.40	7.68	10.41	18.73	8.95	81.27	44.63
1.45	15.58	10.48	34.31	9.64	65.69	52.72
1.50	8.23	12.98	42.54	10.29	57.46	58.42
1.55	5.59	17.22	48.13	11.09	51.87	62.85
1.60	3.97	20.88	52.10	11.84	47.90	66.33
1.65	3.10	24.15	55.20	12.53	44.80	69.25
1.70	2.86	28.49	58.06	13.32	41.94	72.03
1.80	4.75	35.58	62.81	15.00	37.19	76.69
1.90	1.80	44.70	64.61	15.83	35.39	78.32
2.60	35.39	78.32	100.00	37.94	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCODHB2003 SAMPLE ID 20 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 4.34 ASH% - 0.0

SG-TMF	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	75.07	21.67	75.07	21.67	24.93	79.00
45.00	4.39	65.07	79.46	24.07	20.54	81.97
60.00	2.43	71.98	81.89	25.49	18.11	83.31
90.00	1.40	78.97	83.29	26.39	16.71	83.68
120.00	1.45	82.01	84.74	27.34	15.26	83.83
300.00	15.26	83.83	100.00	35.97	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED--

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 21 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 88.04 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	4.65	1.52	4.65	1.52	95.35	51.09
1.35	3.70	4.05	8.35	2.64	91.65	52.99
1.40	4.06	6.96	12.41	4.05	87.59	55.13
1.45	4.53	8.70	16.94	5.30	83.06	57.66
1.50	4.87	12.19	21.81	6.83	78.19	60.49
1.55	5.56	16.48	27.37	8.79	72.63	63.86
1.60	5.34	22.02	32.71	10.95	67.29	67.18
1.65	3.60	28.54	36.31	12.70	63.69	69.36
1.70	2.44	32.71	38.75	13.96	61.25	70.82
1.80	3.76	37.13	42.51	16.01	57.49	73.03
1.90	2.13	44.63	44.64	17.37	55.36	74.12
2.60	55.36	74.12	100.00	48.79	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 21 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.65 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	18.19	0.60	18.19	0.60	81.81	37.96
1.35	11.08	2.11	29.26	1.17	70.74	43.58
1.40	9.05	4.75	38.31	2.01	61.69	49.27
1.45	7.21	7.76	45.52	2.92	54.48	54.76
1.50	4.81	11.61	50.33	3.76	49.67	58.94
1.55	3.09	15.68	53.42	4.45	46.58	61.81
1.60	3.00	19.99	56.42	5.27	43.58	64.69
1.65	2.96	23.15	59.38	6.16	40.62	67.71
1.70	2.86	29.05	62.24	7.22	37.76	70.64
1.80	3.94	38.45	66.18	9.07	33.82	74.40
1.90	2.60	44.97	68.78	10.43	31.22	76.85
2.60	31.22	76.85	100.00	31.17	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 21 WASHABILITY ID WA1

FROTH

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 3.31 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	53.62	22.69	53.62	22.69	46.38	71.19
45.00	13.00	50.64	66.62	28.15	33.38	79.19
60.00	3.70	67.48	70.32	30.22	29.68	80.65
90.00	4.13	72.54	74.45	32.57	25.55	81.96
120.00	5.30	80.59	79.75	35.76	20.25	82.32
300.00	20.25	82.32	100.00	45.19	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 22 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 79.34 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.12	1.20	3.12	1.20	96.88	35.93
1.35	2.13	3.30	5.25	2.05	94.75	36.66
1.40	2.05	5.80	7.30	3.10	92.70	37.34
1.45	9.56	7.79	16.86	5.76	83.14	40.74
1.50	9.63	11.51	26.49	7.85	73.51	44.57
1.55	9.36	15.77	35.85	9.92	64.15	48.77
1.60	8.84	21.09	44.69	12.13	55.31	53.20
1.65	6.08	27.36	50.77	13.95	49.23	56.39
1.70	3.26	31.62	54.03	15.02	45.97	58.14
1.80	5.17	36.01	59.20	16.85	40.80	60.95
1.90	5.06	42.03	64.26	18.83	35.74	63.63
2.80	35.74	63.63	100.00	34.84	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 22 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.86 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	3.14	0.01	3.14	0.01	96.86	31.88
1.35	4.45	1.14	7.59	0.67	92.41	33.36
1.40	6.66	4.27	14.25	2.35	85.75	35.62
1.45	11.72	6.29	25.97	4.13	74.03	40.26
1.50	10.88	9.89	36.85	5.83	63.15	45.49
1.55	6.39	15.47	43.24	7.26	56.76	48.87
1.60	5.79	19.29	49.03	8.68	50.97	52.23
1.65	5.39	21.12	54.42	9.91	45.58	55.91
1.70	5.21	26.61	59.63	11.37	40.37	59.69
1.80	8.60	36.11	68.23	14.49	31.77	66.08
1.90	3.53	43.25	71.76	15.90	28.24	68.93
2.60	28.24	68.93	100.00	30.88	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 22 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.80 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	71.05	25.85	71.05	25.85	28.95	57.62
45.00	8.56	39.71	79.61	27.35	20.39	65.13
60.00	6.06	60.30	85.67	29.68	14.33	67.18
90.00	2.80	61.91	88.47	30.70	11.53	68.45
120.00	2.63	67.17	91.10	31.75	8.90	68.83
300.00	8.90	68.83	100.00	35.05	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 23 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 76.78 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.73	2.18	3.73	2.18	96.27	36.31
1.35	2.55	5.23	6.28	3.42	93.72	37.16
1.40	2.45	7.41	8.73	4.54	91.27	37.96
1.45	8.24	8.84	16.97	6.63	83.03	40.85
1.50	9.63	11.86	26.60	8.52	73.40	44.65
1.55	13.10	15.75	39.70	10.91	60.30	50.93
1.60	9.61	20.28	49.31	12.73	50.69	56.74
1.65	2.67	26.67	51.98	13.45	48.02	58.41
1.70	2.40	31.30	54.38	14.24	45.62	59.84
1.80	4.83	36.20	59.21	16.03	40.79	62.63
1.80	3.02	42.05	62.23	17.29	37.77	64.28
2.60	37.77	64.28	100.00	35.04	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCODH82003 SAMPLE ID 23 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.34 ASH% - 0.0

SG-TMP	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	7.98	0.79	7.98	0.79	92.02	24.47
1.35	8.44	2.51	16.42	1.67	83.58	26.69
1.40	10.52	5.34	26.94	3.10	73.06	29.77
1.45	16.22	7.43	43.16	4.73	56.84	36.14
1.50	15.28	10.38	58.44	6.21	41.56	45.61
1.55	8.19	15.02	66.63	7.29	33.37	53.11
1.60	4.70	19.23	71.33	8.08	28.67	58.67
1.65	2.59	23.59	73.92	8.62	26.08	62.15
1.70	2.19	28.03	76.11	9.18	23.89	65.28
1.80	3.50	34.34	79.61	10.29	20.39	70.59
1.90	1.69	41.88	81.30	10.94	18.70	73.18
2.60	18.70	73.18	100.00	22.58	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 23 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.88 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	73.33	16.16	73.33	16.16	26.67	70.40
45.00	3.88	37.12	77.21	17.22	22.79	76.07
60.00	1.91	54.82	79.12	18.13	20.88	78.01
90.00	2.87	69.63	81.99	19.93	18.01	79.35
120.00	1.92	74.54	83.91	21.18	16.09	79.92
300.00	16.09	79.92	100.00	30.63	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 24 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.16 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	7.52	0.82	7.52	0.82	92.48	25.84
1.35	6.20	2.77	13.72	1.70	86.28	27.50
1.40	7.27	6.01	20.99	3.19	79.01	29.48
1.45	8.20	8.38	29.19	4.65	70.81	31.92
1.50	8.53	11.32	37.72	6.16	62.28	34.74
1.55	8.98	13.67	46.70	7.60	53.30	38.29
1.60	8.86	18.74	55.56	9.38	44.44	42.19
1.65	6.74	25.69	62.30	11.14	37.70	45.14
1.70	3.83	29.18	66.13	12.19	33.87	46.95
1.80	4.84	32.22	70.97	13.55	29.03	49.40
1.90	5.07	37.60	76.04	15.16	23.96	51.90
2.60	23.96	51.90	100.00	23.96	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 24 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 11.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	22.08	0.98	22.08	0.98	77.92	20.73
1.35	14.25	2.78	36.33	1.69	63.67	24.75
1.40	13.18	5.02	49.51	2.57	50.49	29.89
1.45	11.70	7.33	61.21	3.48	38.79	36.70
1.50	8.68	11.19	69.89	4.44	30.11	44.05
1.55	5.62	16.56	75.51	5.34	24.49	50.36
1.60	2.99	20.52	78.50	5.92	21.50	54.51
1.65	1.38	23.91	79.88	6.23	20.12	56.61
1.70	1.39	27.91	81.27	6.60	18.73	58.74
1.80	2.87	33.40	84.14	7.52	15.86	63.33
1.90	1.49	42.10	85.63	8.12	14.37	65.53
2.60	14.37	65.53	100.00	16.37	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNHCDDH82003 SAMPLE ID 24 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.18 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	79.61	12.85	79.61	12.85	20.39	64.32
45.00	7.18	37.59	86.79	14.90	13.21	78.84
60.00	1.56	62.68	88.35	15.75	11.65	81.00
90.00	2.93	69.03	91.28	17.46	8.72	85.04
120.00	2.08	76.02	93.37	18.76	6.63	87.87
300.00	6.63	87.87	100.00	23.38	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82004 SAMPLE ID 26 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 73.54 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.67	1.90	1.67	1.90	98.33	29.58
1.35	1.14	4.82	2.80	3.08	97.20	29.87
1.40	1.10	7.51	3.90	4.32	96.10	30.13
1.45	6.88	9.26	10.78	7.48	89.22	31.74
1.50	10.27	12.31	21.05	9.83	78.95	34.26
1.55	16.30	15.43	37.35	12.28	62.65	39.16
1.60	14.78	19.56	52.13	14.34	47.87	45.22
1.65	7.62	25.26	59.75	15.73	40.25	48.99
1.70	5.79	29.63	65.54	16.96	34.46	52.25
1.80	9.30	34.97	74.84	19.20	25.16	58.63
1.90	5.03	41.47	79.87	20.60	20.13	62.92
2.60	20.13	62.92	100.00	29.12	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82004 SAMPLE ID 26 WASHABILITY ID WA1

---FLOAT---

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 16.93 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.63	0.94	3.63	0.94	96.37	19.73
1.35	2.48	2.60	6.10	1.61	93.90	20.19
1.40	2.39	4.61	8.49	2.45	91.51	20.59
1.45	20.17	6.29	28.66	5.15	71.34	24.64
1.50	19.78	9.64	48.44	6.98	51.56	30.39
1.55	12.80	14.63	61.24	8.58	38.76	35.60
1.60	9.12	18.11	70.36	9.82	29.64	40.98
1.65	5.50	21.06	75.86	10.63	24.14	45.51
1.70	4.45	25.20	80.31	11.44	19.69	50.10
1.80	6.70	31.94	87.01	13.02	12.99	59.47
1.90	2.20	40.10	89.21	13.68	10.79	63.43
2.60	10.79	63.43	100.00	19.05	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCOOH82004 SAMPLE ID 26 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 9.53 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	81.52	14.33	81.52	14.33	18.48	70.36
45.00	3.39	27.78	84.91	14.87	15.09	79.93
60.00	1.48	45.96	86.39	15.40	13.61	83.62
90.00	1.32	64.89	87.71	16.15	12.29	85.63
120.00	1.53	77.88	89.24	17.21	10.76	86.73
300.00	10.76	86.74	100.00	24.69	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCODH82006 SAMPLE ID 40 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 79.94 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	1.60	1.54	1.60	1.54	98.40	44.86
1.35	1.09	4.16	2.70	2.60	97.30	45.31
1.40	1.05	7.13	3.75	3.87	96.25	45.73
1.45	3.64	9.34	7.39	6.57	92.61	47.16
1.50	4.27	13.93	11.66	9.26	88.34	48.77
1.55	4.72	18.71	16.38	11.98	83.62	50.46
1.60	5.42	23.75	21.80	14.91	78.20	52.32
1.65	9.55	28.55	31.35	19.06	68.65	55.62
1.70	8.93	31.62	40.28	21.85	59.72	59.21
1.80	8.41	35.93	48.69	24.28	51.31	63.03
1.90	9.10	41.60	57.79	27.01	42.21	67.65
2.60	42.21	67.65	100.00	44.16	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 40 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 12.32 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	5.57	1.28	5.57	1.28	94.43	39.50
1.35	5.43	3.28	11.00	2.27	89.00	41.71
1.40	6.55	5.53	17.55	3.48	82.45	44.58
1.45	10.02	6.40	27.57	4.54	72.43	49.87
1.50	8.61	10.46	36.18	6.95	63.82	55.18
1.55	4.55	17.97	40.73	7.29	59.27	58.04
1.60	4.37	22.91	45.10	8.75	54.90	60.88
1.65	4.63	25.08	49.73	10.27	50.27	64.18
1.70	3.90	28.53	53.63	11.60	46.37	67.18
1.80	4.67	33.84	58.30	13.38	41.70	70.91
1.90	4.53	40.32	62.83	15.32	37.17	74.64
2.60	37.17	74.64	100.00	37.37	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 40 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.74 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	59.36	20.76	59.36	20.76	40.64	75.49
45.00	4.56	46.85	63.92	22.63	36.08	79.11
60.00	3.34	61.58	67.26	24.56	32.74	80.90
90.00	3.17	68.97	70.43	26.56	29.57	82.18
120.00	3.00	77.61	73.43	28.65	26.57	82.69
300.00	26.57	82.69	100.00	43.01	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 41 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.83 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	7.02	2.29	7.02	2.29	92.98	18.77
1.35	4.78	5.08	11.80	3.42	88.20	19.52
1.40	4.61	6.08	16.41	4.17	83.59	20.26
1.45	25.54	6.76	41.95	5.75	58.05	26.20
1.50	21.94	10.30	63.89	7.31	36.11	35.85
1.55	6.21	17.25	70.10	8.19	29.90	39.72
1.60	4.14	21.66	74.24	8.94	25.76	42.62
1.65	3.17	25.02	77.41	9.60	22.59	45.09
1.70	2.64	28.09	80.05	10.21	19.95	47.34
1.80	3.63	31.96	83.68	11.15	16.32	50.76
1.90	2.94	34.65	86.62	11.95	13.38	54.30
2.60	13.38	54.30	100.00	17.62	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 41 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.71 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.83	0.97	3.83	0.97	96.17	21.84
1.35	5.98	2.42	9.81	1.85	90.19	23.13
1.40	8.76	4.44	18.57	3.07	81.43	25.14
1.45	15.44	5.64	34.01	4.24	65.99	29.69
1.50	13.86	8.54	47.87	5.49	52.13	35.32
1.55	6.47	13.42	54.34	6.43	45.66	38.43
1.60	5.31	17.23	59.65	7.39	40.35	41.21
1.65	4.84	20.74	64.49	8.39	35.51	44.01
1.70	4.22	24.01	68.71	9.35	31.29	46.70
1.80	6.78	28.60	75.49	11.08	24.51	51.71
1.90	6.90	38.64	82.39	13.39	17.61	56.83
2.60	17.61	56.83	100.00	21.04	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDHB2006 SAMPLE ID 41 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 8.46 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	72.06	14.72	72.06	14.72	27.94	46.35
45.00	12.66	25.65	84.72	16.36	15.28	63.50
60.00	3.43	37.83	88.15	17.19	11.85	70.93
90.00	2.77	56.19	90.92	18.38	9.08	75.42
120.00	1.53	69.05	92.45	19.22	7.55	76.71
300.00	7.55	76.71	100.00	29.86	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 42 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.00 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	3.21	1.37	3.21	1.37	96.79	40.63
1.35	2.19	3.55	5.40	2.25	94.60	41.49
1.40	2.11	5.75	7.51	3.23	92.49	42.30
1.45	15.43	7.81	22.94	6.31	77.06	49.21
1.50	13.57	10.34	36.51	7.81	63.49	57.52
1.55	4.40	14.25	40.91	8.50	59.09	60.74
1.60	2.89	17.83	43.80	9.12	56.20	62.95
1.65	1.78	21.27	45.58	9.59	54.42	64.31
1.70	1.95	24.98	47.53	10.22	52.47	65.77
1.80	5.40	29.69	52.93	12.21	47.07	69.91
1.90	2.33	39.39	55.26	13.36	44.74	71.50
2.60	44.74	71.50	100.00	39.37	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDOH82006 SAMPLE ID 42 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	9.09	1.79	9.09	1.79	90.91	33.98
1.35	8.16	4.23	17.25	2.95	82.75	36.91
1.40	9.12	6.27	26.37	4.09	73.63	40.71
1.45	13.55	7.93	39.92	5.40	60.08	48.10
1.50	11.72	10.66	51.64	6.59	48.36	57.17
1.55	4.60	15.09	56.24	7.29	43.76	61.60
1.60	2.88	19.45	59.12	7.88	40.88	64.57
1.65	2.45	23.81	61.57	8.51	38.43	67.16
1.70	2.06	27.97	63.63	9.14	36.37	69.38
1.80	3.06	33.93	66.69	10.28	33.31	72.64
1.90	2.73	42.81	69.42	11.56	30.58	75.30
2.60	30.58	75.30	100.00	31.05	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 42 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.45 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	66.44	20.27	66.44	20.27	33.56	65.54
45.00	7.84	36.32	74.28	21.97	25.72	74.44
60.00	2.83	49.51	77.11	22.98	22.89	77.53
90.00	3.72	63.28	80.83	24.83	19.17	80.29
120.00	3.82	73.56	84.65	27.03	15.35	81.96
300.00	15.35	81.96	100.00	35.47	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 43 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.79 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.90	2.21	1.09	2.21	1.09	97.79	31.29
1.35	1.51	3.23	3.72	1.96	96.28	31.73
1.40	1.45	6.18	5.17	3.14	94.83	32.12
1.45	13.82	7.82	18.99	6.54	81.01	36.27
1.50	14.07	13.30	33.06	9.42	66.94	41.10
1.55	12.84	21.63	45.90	12.84	54.10	45.72
1.60	9.30	25.59	55.20	14.99	44.80	49.90
1.65	4.07	27.82	59.27	15.87	40.73	52.10
1.70	3.70	30.18	62.97	16.71	37.03	54.29
1.80	8.89	33.22	71.86	18.75	28.14	60.95
1.90	4.28	42.41	76.14	20.08	23.86	64.28
2.60	23.86	64.28	100.00	30.63	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 43 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.20 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	4.00	0.17	4.00	0.17	96.00	26.16
1.35	5.85	1.81	9.85	1.14	90.15	27.74
1.40	9.04	5.87	18.89	3.40	81.11	30.18
1.45	13.73	8.62	32.62	5.60	67.38	34.57
1.50	13.80	11.78	46.42	7.44	53.58	40.44
1.55	10.60	15.70	57.02	8.97	42.98	46.64
1.60	7.79	19.56	64.81	10.25	35.19	52.51
1.65	4.66	23.92	69.47	11.16	30.53	56.87
1.70	3.19	27.60	72.66	11.88	27.34	60.29
1.80	4.46	32.63	77.12	13.08	22.88	65.68
1.90	3.05	40.03	80.17	14.11	19.83	69.62
2.60	19.83	69.62	100.00	25.12	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 43 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.01 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	74.49	16.68	74.49	16.68	25.51	67.17
45.00	3.66	37.23	78.15	17.65	21.85	72.18
60.00	2.53	55.65	80.68	18.84	19.32	74.35
90.00	4.03	67.31	84.71	21.15	15.29	76.20
120.00	2.26	73.07	86.97	22.49	13.03	76.74
300.00	13.03	76.74	100.00	29.56	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 45 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 82.45 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.24	0.95	2.24	0.95	97.76	29.16
1.35	1.52	2.82	3.76	1.71	96.24	29.58
1.40	1.47	5.43	5.23	2.75	94.77	29.95
1.45	12.36	7.42	17.59	6.03	82.41	33.33
1.50	12.33	11.39	29.92	8.24	70.08	37.19
1.55	10.08	16.64	40.00	10.33	60.00	40.66
1.60	9.30	20.18	49.30	12.19	50.70	44.42
1.65	8.13	23.15	57.43	13.74	42.57	48.47
1.70	6.68	26.37	64.11	15.06	35.89	52.59
1.80	9.21	31.25	73.32	17.09	26.68	59.95
1.90	6.31	40.84	79.63	18.97	20.37	65.88
2.60	20.37	65.88	100.00	28.53	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 46 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 11.10 ASH% - 0.0

SG-TMP	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.73	0.10	2.73	0.10	97.27	22.89
1.35	5.58	1.34	8.31	0.93	91.69	24.20
1.40	9.22	4.41	17.53	2.76	82.47	26.41
1.45	15.37	5.59	32.90	4.09	67.10	31.18
1.50	15.04	9.12	47.94	5.66	52.06	37.55
1.55	9.98	15.36	57.92	7.34	42.08	42.81
1.60	7.26	19.21	65.18	8.66	34.82	47.73
1.65	4.84	22.08	70.02	9.59	29.98	51.87
1.70	4.05	25.33	74.07	10.45	25.93	56.02
1.80	6.38	30.01	80.45	12.00	19.55	64.51
1.90	3.16	36.86	83.61	12.94	16.39	69.84
2.60	16.39	69.84	100.00	22.26	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCODH82006 SAMPLE ID 45 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.45 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	73.49	15.90	73.49	15.90	26.51	69.21
45.00	4.96	29.98	78.45	16.80	21.55	78.24
60.00	1.58	46.35	80.03	17.38	19.97	80.76
90.00	1.72	59.11	81.75	18.26	18.25	82.80
120.00	1.22	76.01	82.97	19.11	17.03	83.28
300.00	17.03	83.28	100.00	30.04	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBC00H82006 SAMPLE ID 4G WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 62.74 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	4.09	0.43	4.09	0.43	95.91	18.08
1.35	6.88	1.96	10.97	1.39	89.03	19.33
1.40	10.64	5.26	21.61	3.29	78.39	21.24
1.45	17.60	6.91	39.21	4.92	60.79	25.39
1.50	17.17	10.00	56.38	6.46	43.62	31.44
1.55	10.80	15.23	67.18	7.87	32.82	36.78
1.60	7.41	19.33	74.59	9.01	25.41	41.87
1.65	4.68	23.26	79.27	9.85	20.73	46.08
1.70	2.95	26.10	82.22	10.44	17.78	49.38
1.80	2.81	29.83	85.03	11.08	14.97	53.05
1.90	2.24	35.11	87.27	11.69	12.73	56.21
2.60	12.73	56.21	100.00	17.36	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 46 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 21.52 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	8.15	1.00	8.15	1.00	91.85	11.85
1.35	5.56	2.52	13.71	1.62	86.29	12.45
1.40	5.35	3.93	19.06	2.26	80.94	13.02
1.45	25.06	4.64	44.12	3.61	55.88	16.77
1.50	23.51	7.25	67.63	4.88	32.37	23.68
1.55	11.35	12.43	78.98	5.96	21.02	29.76
1.60	6.72	16.02	85.70	6.75	14.30	36.22
1.65	3.47	19.31	89.17	7.24	10.83	41.64
1.70	2.33	22.41	91.50	7.63	8.50	46.91
1.80	2.17	26.95	93.67	8.08	6.33	53.75
1.90	0.84	32.14	94.51	8.29	5.49	57.04
2.60	5.49	87.04	100.00	10.97	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNBCDDH82006 SAMPLE ID 4G WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 15.74 ASH% - 0.0

SG-TMP	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	80.62	8.69	80.62	8.69	19.38	44.94
45.00	7.92	16.15	88.54	9.36	11.46	64.84
60.00	1.83	30.35	90.37	9.79	9.63	71.39
90.00	0.95	44.52	91.32	10.15	8.68	74.33
120.00	0.67	53.73	91.99	10.47	8.01	76.05
300.00	8.01	76.05	100.00	15.72	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 30 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 87.18 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.26	0.81	0.26	0.81	99.74	11.73
1.35	0.18	2.02	0.44	1.30	99.56	11.75
1.40	0.17	3.05	0.61	1.80	99.39	11.77
1.45	43.42	3.65	44.03	3.62	55.97	18.06
1.50	35.90	6.91	79.93	5.10	20.07	38.02
1.55	4.75	14.80	84.68	5.64	15.32	45.21
1.60	2.32	20.03	87.00	6.03	13.00	49.71
1.65	0.94	24.11	87.94	6.22	12.06	51.70
1.70	0.91	29.04	88.85	6.45	11.15	53.56
1.80	1.75	35.16	90.60	7.01	9.40	56.98
1.90	1.24	39.71	91.84	7.45	8.16	59.61
2.60	8.16	59.61	100.00	11.71	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 30 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.59	0.43	1.59	0.43	98.41	18.15
1.35	1.09	1.26	2.68	0.77	97.32	18.34
1.40	1.05	2.40	3.73	1.22	96.27	18.51
1.45	33.82	2.92	37.55	2.75	62.45	26.96
1.50	29.17	6.82	66.72	4.53	33.28	44.61
1.55	6.87	15.55	73.59	5.56	26.41	52.16
1.60	3.68	20.63	77.27	6.28	22.73	57.27
1.65	1.83	24.26	79.10	6.69	20.90	60.15
1.70	1.38	27.64	80.48	7.05	19.52	62.46
1.80	1.42	32.08	81.90	7.48	18.10	64.83
1.90	1.14	37.69	83.04	7.90	16.96	66.66
2.60	16.96	66.66	100.00	17.87	0.00	0.00

(2)

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 30 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 4.16 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	75.61	15.90	75.61	15.90	24.39	66.29
45.00	2.05	38.70	77.66	16.51	22.34	67.73
60.00	1.74	54.04	79.40	17.33	20.60	68.89
90.00	2.51	61.40	81.91	18.68	18.09	69.93
120.00	2.02	66.93	83.93	19.84	16.07	70.30
300.00	16.07	70.30	100.00	27.95	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 31 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.72 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.09	0.85	0.09	0.85	99.81	31.43
1.35	0.06	2.22	0.14	1.41	99.86	31.45
1.40	0.06	3.61	0.20	2.03	99.80	31.46
1.45	23.75	5.12	23.95	5.10	76.05	39.69
1.50	21.63	8.74	45.58	6.82	54.42	51.99
1.55	8.35	14.84	53.93	8.06	46.07	58.72
1.60	5.54	20.12	59.47	9.19	40.53	64.00
1.65	3.63	25.77	63.10	10.14	36.90	67.76
1.70	2.85	30.70	65.95	11.03	34.05	70.86
1.80	3.59	36.91	69.54	12.37	30.46	74.87
1.90	2.38	42.25	71.92	13.36	28.08	77.63
2.60	28.08	77.63	100.00	31.40	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRODH82005 SAMPLE ID 31 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.59 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	0.09	0.25	0.09	0.25	99.91	42.26
1.35	0.06	1.09	0.14	0.59	99.86	42.28
1.40	0.06	2.81	0.20	1.21	99.80	42.31
1.45	17.95	4.43	18.15	4.39	81.85	50.61
1.50	16.41	8.23	34.56	6.22	65.44	61.24
1.55	6.61	14.59	41.17	7.56	58.83	66.48
1.60	4.48	18.86	45.65	8.67	54.35	70.41
1.65	2.96	22.41	48.61	9.51	51.39	73.17
1.70	2.51	26.63	51.12	10.35	48.88	75.56
1.80	3.81	33.49	54.93	11.95	45.07	79.12
1.90	2.87	48.88	57.80	13.79	42.20	81.18
2.60	42.20	81.18	100.00	42.22	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 31 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.69 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	59.92	23.17	59.92	23.17	40.08	78.50
45.00	3.58	59.79	63.50	25.24	36.50	80.33
60.00	2.08	69.27	65.58	26.64	34.42	81.00
90.00	3.30	73.06	68.88	28.86	31.12	81.84
120.00	2.87	78.79	71.75	30.86	28.25	82.15
300.00	28.25	82.15	100.00	45.35	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 32 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 89.22 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.75	0.43	0.75	0.43	99.25	17.66
1.35	0.51	1.82	1.27	0.99	98.73	17.74
1.40	0.49	4.66	1.76	2.02	98.24	17.80
1.45	23.98	7.18	25.74	6.83	74.26	21.23
1.50	24.03	10.25	49.77	8.48	50.23	26.49
1.55	16.82	14.16	66.59	9.91	33.41	32.70
1.60	10.09	17.08	76.68	10.86	23.32	39.46
1.65	2.90	20.38	79.58	11.20	20.42	42.17
1.70	2.00	23.56	81.58	11.51	18.42	44.19
1.80	3.00	28.20	84.58	12.10	15.42	47.30
1.90	1.77	33.69	86.35	12.54	13.65	49.06
2.60	13.65	49.06	100.00	17.53	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 32 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 7.62 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.05	0.55	3.05	0.55	96.95	26.68
1.35	2.08	1.85	5.13	1.08	94.87	27.23
1.40	2.01	3.98	7.14	1.89	92.86	27.73
1.45	22.90	5.57	30.04	4.70	69.96	34.98
1.50	21.79	9.39	51.83	6.67	48.17	46.56
1.55	10.99	15.93	62.82	8.29	37.18	55.61
1.60	6.36	19.35	69.18	9.31	30.82	63.09
1.65	2.60	21.57	71.78	9.75	28.22	66.91
1.70	1.98	24.93	73.76	10.16	26.24	70.09
1.80	2.74	30.44	76.50	10.89	23.50	74.71
1.90	1.43	35.54	77.93	11.34	22.07	77.25
2.60	22.07	77.25	100.00	25.88	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDHB2005 SAMPLE ID 32 WASHABILITY ID WA1

---------FROTH---------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 3.16 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	70.25	21.40	70.25	21.40	29.75	81.98
45.00	1.80	62.31	72.05	22.42	27.95	83.24
60.00	1.27	71.28	73.32	23.27	26.68	83.81
90.00	1.89	77.05	75.21	24.62	24.79	84.33
120.00	2.10	81.00	77.31	26.16	22.69	84.63
300.00	22.69	84.63	100.00	39.42	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 34 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 82.63 ASH% - 0.0

ELEMENTAL			CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
1.30	0.09	0.86	0.09	0.86	99.91	20.35
1.35	0.06	2.27	0.14	1.43	99.86	20.36
1.40	0.06	3.76	0.20	2.09	99.80	20.37
1.45	20.82	5.10	21.02	5.07	78.98	24.39
1.50	21.11	8.59	42.13	6.83	57.87	30.16
1.55	16.68	13.63	58.81	8.76	41.19	36.86
1.60	11.90	18.04	70.71	10.92	29.29	44.50
1.65	5.36	23.43	76.07	11.25	23.93	49.22
1.70	2.54	27.75	78.61	11.78	21.39	51.77
1.80	2.50	33.52	81.11	12.45	18.89	54.19
1.90	2.72	37.27	83.83	13.25	16.17	57.03
2.60	16.17	57.03	100.00	20.33	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 34 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.85 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.54	0.32	2.54	0.32	97.46	21.65
1.35	1.73	1.59	4.26	0.84	95.74	22.01
1.40	1.67	4.43	5.93	1.84	94.07	22.32
1.45	21.72	6.94	27.65	5.85	72.35	26.94
1.50	20.02	9.37	47.67	7.33	52.33	33.67
1.55	9.28	12.38	56.95	8.15	43.05	38.26
1.60	7.40	15.23	64.35	8.96	35.65	43.03
1.65	6.21	18.31	70.56	9.79	29.44	48.25
1.70	5.08	22.30	75.64	10.63	24.36	53.66
1.80	5.89	28.84	81.53	11.94	18.47	61.58
1.90	3.17	37.76	84.70	12.91	15.30	66.51
2.60	15.30	66.51	100.00	21.11	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 34 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.52 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	70.01	19.23	70.01	19.23	29.99	51.99
45.00	6.66	24.06	76.67	19.65	23.33	59.96
60.00	3.04	45.62	79.71	20.64	20.29	62.11
90.00	4.43	45.69	84.14	21.96	15.86	66.69
120.00	1.15	56.03	85.29	22.42	14.71	67.53
300.00	14.71	67.53	100.00	29.06	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDOH82005 SAMPLE ID 36 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.26 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.61	0.16	0.61	0.16	99.39	36.36
1.35	0.41	1.02	1.02	0.51	98.98	36.51
1.40	0.40	3.17	1.42	1.25	98.58	36.65
1.45	6.28	4.67	7.70	4.04	92.30	38.82
1.50	7.25	8.38	14.95	6.14	85.05	41.42
1.55	7.82	12.38	22.77	8.28	77.23	44.36
1.60	7.82	18.31	30.59	10.85	69.41	47.29
1.65	7.85	24.77	38.44	13.69	61.56	50.16
1.70	7.68	29.67	46.12	16.35	53.88	53.09
1.80	10.47	34.92	56.59	19.79	43.41	57.47
1.90	11.32	40.79	67.91	23.29	32.09	63.35
2.60	32.09	63.35	100.00	36.14	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 36 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.80 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.87	0.01	2.87	0.01	97.13	37.19
1.35	1.75	1.48	4.62	0.57	95.38	37.85
1.40	1.63	6.12	6.25	2.01	93.75	38.40
1.45	12.36	10.19	18.61	7.45	81.39	42.68
1.50	11.34	12.50	29.95	9.36	70.05	47.57
1.55	5.60	14.16	35.55	10.12	64.45	50.47
1.60	4.79	17.52	40.34	11.00	59.66	53.11
1.65	4.16	21.60	44.50	11.99	55.50	55.48
1.70	4.19	25.15	48.69	13.12	51.31	57.95
1.80	8.72	29.82	57.41	15.66	42.59	63.71
1.90	6.58	37.01	63.99	17.85	36.01	68.59
2.60	36.01	68.59	100.00	36.12	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 36 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.94 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	49.99	26.82	49.99	26.82	50.01	69.08
45.00	9.22	41.38	59.21	29.09	40.79	75.34
60.00	4.57	55.60	63.78	30.99	36.22	77.83
90.00	4.63	66.79	68.41	33.41	31.59	79.45
120.00	2.44	73.89	70.85	34.81	29.15	79.91
300.00	29.15	79.91	100.00	47.96	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 37 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 69.34 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	1.42	0.01	1.42	0.01	98.58	49.73
1.35	1.37	0.84	2.79	0.42	97.21	50.43
1.40	1.82	3.26	4.61	1.53	95.39	51.32
1.45	2.83	4.16	7.44	2.53	92.56	52.77
1.50	2.89	9.45	10.33	4.47	89.67	54.16
1.55	3.69	16.48	14.02	7.63	85.98	55.78
1.60	4.09	21.19	18.11	10.69	81.89	57.51
1.65	5.22	24.67	23.33	13.82	76.67	59.74
1.70	4.80	28.06	28.13	16.25	71.87	61.86
1.80	5.71	33.12	33.84	19.10	66.16	64.34
1.90	6.50	38.64	40.34	22.25	59.66	67.14
2.60	59.66	67.14	100.00	49.03	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 37 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.11 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	10.72	0.01	10.72	0.01	89.28	31.42
1.35	5.58	1.57	16.30	0.55	83.70	33.41
1.40	5.36	7.49	21.66	2.26	78.34	35.18
1.45	12.61	12.22	34.27	5.93	65.73	39.59
1.50	10.77	14.96	45.04	8.09	54.96	44.41
1.55	4.87	17.63	49.91	9.02	50.09	47.02
1.60	4.66	20.38	54.57	9.99	45.43	49.75
1.65	4.59	23.04	59.16	11.00	40.84	52.75
1.70	4.54	25.47	63.70	12.03	36.30	56.16
1.80	7.67	28.69	71.37	13.82	28.63	63.52
1.90	3.88	36.13	75.25	14.97	24.75	67.82
2.60	24.75	67.82	100.00	28.05	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 37 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 13.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	85.34	17.95	85.34	17.95	14.66	72.08
45.00	4.40	55.95	89.74	19.82	10.26	78.99
60.00	1.14	70.50	90.88	20.45	9.12	80.05
90.00	0.79	76.75	91.67	20.94	8.33	80.36
120.00	1.50	79.09	93.17	21.88	6.83	80.64
300.00	6.83	80.64	100.00	25.89	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 38 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.96	0.88	2.96	0.88	97.04	21.71
1.35	2.02	2.39	4.98	1.49	95.02	22.12
1.40	1.95	4.14	6.93	2.23	93.07	22.50
1.45	18.75	5.57	25.68	4.67	74.32	26.77
1.50	18.33	8.76	44.01	6.37	55.99	32.66
1.55	11.66	13.52	55.67	7.87	44.33	37.70
1.60	8.78	18.65	64.45	9.34	35.55	42.40
1.65	6.08	24.58	70.53	10.65	29.47	46.08
1.70	4.25	27.95	74.78	11.63	25.22	49.14
1.80	4.81	31.48	79.59	12.83	20.41	53.30
1.90	6.25	37.33	85.84	14.62	14.16	60.34
2.60	14.16	60.34	100.00	21.09	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 38 WASHABILITY ID WA1

---------FLOAT---------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.20 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.88	1.83	2.88	1.83	97.12	18.94
1.35	1.96	4.05	4.84	2.73	95.16	18.64
1.40	1.89	4.82	6.73	3.32	93.27	18.92
1.45	18.62	5.46	25.35	4.89	74.65	22.27
1.50	18.75	7.55	44.10	6.02	55.90	27.22
1.55	14.48	10.76	58.58	7.19	41.42	32.97
1.60	10.73	14.04	69.31	8.25	30.69	39.58
1.65	5.99	17.85	75.30	9.01	24.70	44.86
1.70	4.11	21.58	79.41	9.66	20.59	49.51
1.80	5.88	27.26	85.29	10.88	14.71	58.40
1.90	3.60	38.15	88.89	11.98	11.11	64.96
2.60	11.11	64.96	100.00	17.87	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNLRDDH82005 SAMPLE ID 38 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.25 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	70.87	13.53	70.87	13.53	29.13	53.51
45.00	8.05	24.63	78.92	14.67	21.08	64.54
60.00	2.64	36.05	81.56	15.36	18.44	68.62
90.00	3.80	48.78	85.36	16.85	14.64	73.77
120.00	1.82	59.90	87.18	17.75	12.82	75.73
300.00	12.82	75.73	100.00	25.18	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNSSDDHB2007 SAMPLE ID 47 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 89.28 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	6.57	1.81	6.57	1.81	93.43	30.82
1.35	4.48	4.45	11.06	2.88	88.94	32.15
1.40	4.32	6.70	15.38	3.96	84.62	33.45
1.45	4.17	9.17	19.54	5.07	80.46	34.71
1.50	4.03	11.55	23.57	6.17	76.43	35.93
1.55	16.08	13.23	39.65	9.04	60.35	41.98
1.60	15.19	16.93	54.84	11.22	45.16	50.41
1.65	7.90	23.29	62.74	12.74	37.26	56.16
1.70	4.68	27.26	67.42	13.75	32.58	60.31
1.80	4.58	31.81	72.00	14.90	28.00	64.97
1.90	4.57	37.97	76.57	16.27	23.43	70.23
2.60	23.43	70.23	100.00	28.92	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNSSDDHB2007 SAMPLE ID 47 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 7.27 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	0.77	0.28	0.77	0.28	99.23	43.14
1.35	0.53	1.39	1.30	0.73	98.70	43.36
1.40	0.51	3.87	1.81	1.61	98.19	43.56
1.45	12.37	6.16	14.18	5.58	85.82	48.95
1.50	11.49	9.57	25.67	7.37	74.33	55.04
1.55	5.40	14.43	31.07	8.60	68.93	58.23
1.60	4.07	17.94	35.14	9.68	64.86	60.75
1.65	3.14	21.10	38.28	10.61	61.72	62.77
1.70	2.53	24.44	40.81	11.47	59.19	64.41
1.80	3.42	29.88	44.23	12.89	55.77	66.53
1.90	2.82	40.61	47.05	14.56	52.95	67.91
2.60	52.95	67.91	100.00	42.80	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNSSDDH82007 SAMPLE ID 47 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 3.45 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM SINKS WT%	CUM SINKS ASH%
30.00	19.07	26.66	19.07	26.66	80.93	62.10
45.00	4.38	42.70	23.45	29.66	76.55	63.21
60.00	4.44	48.73	27.89	32.70	72.11	64.10
90.00	4.82	58.72	32.71	36.53	67.29	64.49
120.00	4.61	61.83	37.32	39.66	62.68	64.68
300.00	62.68	64.68	100.00	55.34	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNSSDDH82007 SAMPLE ID 48 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 86.24 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.24	1.69	3.24	1.69	96.76	40.60
1.35	2.21	4.15	5.44	2.69	94.56	41.45
1.40	2.13	6.48	7.57	3.75	92.43	42.26
1.45	2.05	9.46	9.62	4.97	90.38	43.00
1.50	1.98	12.37	11.60	6.23	88.40	43.69
1.55	12.65	14.83	24.25	10.72	75.75	48.51
1.60	11.55	18.45	35.80	13.21	64.20	53.91
1.65	5.67	24.14	41.47	14.71	58.53	56.80
1.70	4.99	27.08	46.46	16.03	53.54	59.57
1.80	8.97	29.79	55.43	18.26	44.57	65.56
1.90	8.98	38.67	64.41	21.25	35.59	72.09
2.60	35.59	72.09	100.00	39.34	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNSSDOHB2007 SAMPLE ID 48 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	4.14	3.98	4.14	3.98	95.86	39.71
1.35	3.71	9.43	7.85	6.56	92.15	40.92
1.40	4.42	12.56	12.27	8.72	87.73	42.35
1.45	5.19	13.10	17.46	10.02	82.54	44.19
1.50	6.03	13.54	23.49	10.93	76.51	46.61
1.55	10.74	13.72	34.23	11.80	65.77	51.98
1.60	5.15	16.74	39.38	12.45	60.62	54.98
1.65	6.01	21.63	45.39	13.65	54.61	58.66
1.70	4.91	25.24	50.30	14.78	49.70	61.96
1.80	7.20	30.26	57.50	16.72	42.50	67.33
1.90	5.33	38.37	62.83	18.56	37.17	71.48
2.60	37.17	71.48	100.00	38.23	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNSSDDHB2007 SAMPLE ID 48 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.21 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	49.27	26.74	49.27	26.74	50.73	74.90
45.00	4.24	49.90	53.51	28.58	46.49	77.18
60.00	3.55	65.49	57.06	30.88	42.94	78.14
90.00	3.44	70.39	60.50	33.12	39.50	78.82
120.00	4.06	75.81	64.56	35.81	35.44	79.16
300.00	35.44	79.16	100.00	51.17	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNSSDDH82007 SAMPLE ID 49 WASHABILITY ID WA1

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 88.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	3.83	1.13	3.83	1.13	96.17	36.91
1.35	2.61	2.78	6.45	1.80	93.55	37.87
1.40	2.52	4.68	8.96	2.61	91.04	38.78
1.45	2.43	7.76	11.39	3.71	88.61	39.64
1.50	2.35	10.77	13.74	4.91	86.26	40.42
1.55	12.83	19.18	26.57	8.91	73.43	45.18
1.60	11.66	17.62	38.23	11.56	61.77	50.38
1.65	5.43	24.49	43.66	13.17	56.34	52.88
1.70	5.46	28.23	49.12	14.85	50.88	55.52
1.80	12.32	31.65	61.44	18.22	38.56	63.15
1.90	7.78	39.67	69.22	20.63	30.78	69.08
2.60	30.78	69.08	100.00	35.54	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNSSODH82007 SAMPLE ID 49 WASHABILITY ID WA1

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 7.68 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	7.41	1.44	7.41	1.44	92.59	39.22
1.35	5.52	3.49	12.93	2.32	87.07	41.49
1.40	5.68	5.45	18.61	3.27	81.39	44.00
1.45	5.81	7.97	24.41	4.39	75.59	46.77
1.50	5.91	10.43	30.32	5.56	69.68	49.85
1.55	6.58	12.75	36.90	6.85	63.10	53.72
1.60	6.54	16.43	43.44	8.29	56.56	58.03
1.65	5.29	20.52	48.73	9.62	51.27	61.90
1.70	4.36	24.47	53.09	10.84	46.91	65.38
1.80	6.83	30.10	59.92	13.03	40.08	71.39
1.90	4.45	40.76	64.37	14.95	35.63	75.22
2.60	35.63	75.22	100.00	36.42	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : INDIVIDUAL DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

DATA SOURCE KPNSSDDHB2007 SAMPLE ID 49 WASHABILITY ID WA1

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 3.77 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS		CUM. SINKS	
SG-TME	WT%	ASH%	WT%	ASH%	WT%	ASH%
30.00	57.31	25.96	57.31	25.96	42.69	77.97
45.00	3.13	48.72	60.44	27.14	39.56	80.29
60.00	1.99	60.28	62.43	28.20	37.57	81.35
90.00	3.15	76.13	65.58	30.50	34.42	81.83
120.00	2.13	78.82	67.71	32.02	32.29	82.02
300.00	32.29	82.02	100.00	48.17	0.00	0.00

Washability Data

Blended Limited Expanded Sets

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

---------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 78.23 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	2.88	1.41	2.88	1.41	97.12	28.69
1.35	2.45	3.46	5.34	2.35	94.66	29.34
1.40	2.80	5.77	8.14	3.53	91.86	30.06
1.45	15.96	6.37	24.10	5.41	75.90	35.05
1.50	14.66	9.86	38.76	7.09	61.24	41.07
1.55	10.14	15.55	48.90	8.85	51.10	46.14
1.60	8.22	20.04	57.11	10.46	42.89	51.13
1.65	5.66	25.16	62.78	11.78	37.22	55.09
1.70	4.19	29.06	66.96	12.86	33.04	58.38
1.80	5.20	33.93	72.16	14.38	27.84	62.95
1.90	4.04	40.33	76.20	15.76	23.80	66.78
2.60	23.80	66.79	100.00	27.90	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

REPORT TYPE : WASH DATA SET REPORT BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.74 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
1.30	7.00	1.00	7.00	1.00	93.00	23.99
1.35	5.89	2.61	12.89	1.74	87.11	25.44
1.40	6.64	4.63	19.54	2.72	80.46	27.15
1.45	17.75	5.50	37.29	4.04	62.71	33.28
1.50	16.07	8.53	53.36	5.89	46.64	41.81
1.55	8.31	13.64	61.67	6.50	38.33	47.92
1.60	5.88	17.46	67.55	7.46	32.45	53.44
1.65	3.99	21.07	71.54	8.22	28.46	57.98
1.70	3.08	24.82	74.62	8.90	25.38	62.01
1.80	4.06	30.86	78.68	10.04	21.32	67.94
1.90	2.44	38.81	81.12	10.90	18.88	71.70
2.60	18.88	71.70	100.00	22.38	0.00	0.00

GCRI -COAL DIVISION
COAL PROCESSING SIMULATOR

WASH DATA SET REPORT

REPORT TYPE : BLENDED DATA SET(S)

ADJUSTMENTS PERFORMED

THEORETICAL ASH :YES
MISSING MATERIAL :NO
SIZE :NO
OUT OF SEAM :NO

MINE PERIOD PROPERTY

---------FROTH---------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 8.03 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%
30.00	71.29	14.03	71.29	14.03	28.71	55.93
45.00	6.75	25.16	78.03	14.99	21.97	65.38
60.00	2.57	39.74	80.60	15.78	19.40	68.77
90.00	2.42	51.82	83.03	16.83	16.97	71.19
120.00	1.92	61.72	84.95	17.85	15.05	72.40
300.00	15.05	72.40	100.00	26.06	0.00	0.00

Washability Data

Blended Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY - EQUIPEMENT JIG SG-ASH 19.00 EP 0.208 SG 1.98
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 78.23 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.38	0.32	0.38	0.32	100.000	0.378	0.315	0.00	0.32
1.25	0.39	0.62	0.77	0.47	100.000	0.767	0.469	0.00	0.62
1.26	0.40	0.92	1.17	0.62	100.000	1.167	0.623	0.00	0.92
1.27	0.41	1.29	1.58	0.80	100.000	1.579	0.797	0.00	1.29
1.28	0.42	1.74	2.00	1.00	100.000	2.002	0.996	0.00	1.74
1.29	0.44	2.18	2.44	1.21	100.000	2.437	1.207	0.00	2.18
1.30	0.45	2.61	2.88	1.43	100.000	2.885	1.425	0.00	2.61
1.31	0.47	2.73	3.35	1.61	100.000	3.351	1.606	0.00	2.73
1.32	0.49	2.84	3.84	1.76	100.000	3.838	1.763	0.00	2.84
1.33	0.50	3.24	4.34	1.93	100.000	4.337	1.933	0.0	3.24
1.34	0.50	3.91	4.84	2.14	100.000	4.840	2.138	0.00	3.91
1.35	0.50	4.59	5.34	2.37	100.000	5.337	2.367	0.00	4.59
1.36	0.43	5.06	5.77	2.57	100.000	5.766	2.567	0.0	5.06
1.37	0.38	5.52	6.14	2.75	100.000	6.143	2.748	0.00	5.52
1.38	0.44	5.82	6.59	2.96	100.000	6.587	2.955	0.00	5.82
1.39	0.63	5.96	7.21	3.22	100.000	7.213	3.216	0.0	5.96
1.40	0.93	6.09	8.14	3.64	100.000	8.139	3.643	0.0	6.09
1.41	3.00	6.09	11.14	4.23	99.950	11.136	4.228	0.01	6.09
1.42	4.89	6.09	16.03	4.80	99.887	16.020	4.796	0.03	6.09
1.43	5.92	6.42	21.95	5.23	99.810	21.927	5.233	0.06	6.42
1.44	1.14	7.07	23.09	5.32	99.722	23.068	5.324	0.02	7.07
1.45	1.01	7.72	24.10	5.43	99.623	24.076	5.424	0.02	7.72
1.46	3.03	8.08	27.13	5.72	99.513	27.094	5.720	0.07	8.08
1.47	3.05	8.43	30.19	6.00	99.394	30.129	5.993	0.09	8.43
1.48	3.00	9.44	33.19	6.31	99.265	33.110	6.303	0.11	9.44
1.49	2.88	11.10	36.07	6.69	99.129	35.966	6.684	0.12	11.10
1.50	2.69	12.74	38.76	7.11	98.985	38.625	7.101	0.14	12.74
1.51	2.41	13.71	41.17	7.50	98.835	41.008	7.485	0.14	13.71
1.52	2.15	14.68	43.32	7.85	98.636	43.128	7.838	0.15	14.68
1.53	1.96	15.68	45.28	8.19	98.409	45.054	8.174	0.15	15.68
1.54	1.84	16.74	47.11	8.52	98.159	46.856	8.503	0.17	16.74
1.55	1.78	17.79	48.90	8.86	97.708	48.600	8.836	0.20	17.79
1.56	1.78	18.32	50.67	9.19	97.373	50.331	9.163	0.23	18.32
1.57	1.75	18.85	52.42	9.52	97.001	52.026	9.478	0.26	18.85
1.58	1.68	19.82	54.10	9.84	96.696	53.648	9.791	0.28	19.82
1.59	1.58	21.23	55.68	10.16	96.164	55.163	10.105	0.30	21.23
1.60	1.44	22.64	57.11	10.47	95.711	56.538	10.410	0.31	22.64
1.61	1.30	23.48	58.42	10.76	95.240	57.780	10.691	0.31	23.48
1.62	1.21	24.32	59.62	11.04	94.758	58.925	10.956	0.31	24.32
1.63	1.12	25.24	60.75	11.30	94.486	59.986	11.208	0.31	25.24
1.64	1.05	26.26	61.79	11.55	93.912	60.969	11.451	0.32	26.26
1.65	0.98	27.27	62.78	11.80	93.278	61.884	11.685	0.33	27.27
1.66	0.95	27.85	63.72	12.04	92.586	62.760	11.911	0.35	27.85
1.67	0.92	28.42	64.64	12.27	91.837	63.604	12.130	0.37	28.42
1.68	0.86	29.11	65.51	12.49	91.034	64.391	12.337	0.38	29.11
1.69	0.78	29.91	66.29	12.70	90.178	65.097	12.528	0.38	29.91
1.70	0.67	30.70	66.96	12.88	89.079	65.697	12.694	0.36	30.70
1.71	0.60	31.31	67.56	13.04	88.106	66.226	12.843	0.35	31.31
1.72	0.58	31.91	68.15	13.20	87.084	66.735	12.988	0.37	31.91

1.73	0.57	32.51	68.71	13.36	86.015	67.222	13.129	0.39	32.51
1.74	0.55	33.11	69.26	13.52	84.903	67.688	13.267	0.41	33.11
1.75	0.53	33.71	69.79	13.67	83.752	68.133	13.400	0.43	33.71
1.76	0.51	34.40	70.30	13.82	82.565	68.556	13.630	0.44	34.40
1.77	0.49	35.09	70.80	13.97	81.345	68.957	13.656	0.46	35.09
1.78	0.47	35.78	71.27	14.12	80.095	69.336	13.776	0.47	35.78
1.79	0.45	36.46	71.73	14.26	78.819	69.694	13.893	0.48	36.46
1.80	0.43	37.13	72.16	14.40	77.520	70.030	14.004	0.48	37.13
1.81	0.42	37.69	72.58	14.53	76.201	70.353	14.113	0.50	37.69
1.82	0.42	38.23	73.01	14.67	74.866	70.669	14.221	0.53	38.23
1.83	0.42	38.78	73.43	14.81	73.618	70.979	14.328	0.55	38.78
1.84	0.42	39.32	73.84	14.95	72.161	71.279	14.434	0.58	39.32
1.85	0.41	39.86	74.25	15.08	70.640	71.571	14.537	0.60	39.86
1.86	0.41	40.61	74.66	15.22	69.067	71.851	14.639	0.62	40.61
1.87	0.40	41.35	75.06	15.36	67.451	72.120	14.738	0.64	41.35
1.88	0.39	42.09	75.45	15.50	65.803	72.377	14.835	0.66	42.09
1.89	0.38	42.82	75.83	15.64	64.136	72.621	14.929	0.68	42.82
1.90	0.37	43.55	76.20	15.77	62.458	72.851	15.020	0.69	43.55
1.91	0.36	44.18	76.56	15.91	60.782	73.071	15.108	0.70	44.18
1.92	0.36	44.81	76.92	16.04	59.118	73.285	15.195	0.73	44.81
1.93	0.36	45.43	77.29	16.18	57.478	73.493	15.280	0.76	45.43
1.94	0.36	46.05	77.65	16.32	55.871	73.695	15.364	0.79	46.05
1.95	0.36	46.67	78.01	16.46	54.309	73.891	15.448	0.82	46.67
1.96	0.36	47.28	78.37	16.60	52.802	74.082	15.529	0.84	47.28
1.97	0.36	47.89	78.73	16.74	51.362	74.267	15.610	0.87	47.89
1.98	0.36	48.50	79.09	16.89	50.000	74.446	15.689	0.89	48.50
1.99	0.36	49.10	79.45	17.03	48.690	74.621	15.768	0.91	49.10
2.00	0.36	49.71	79.81	17.18	47.399	74.791	15.845	0.93	49.71
2.01	0.36	50.30	80.16	17.33	46.130	74.956	15.921	0.96	50.30
2.02	0.36	50.90	80.52	17.48	44.882	75.117	15.995	0.98	50.90
2.03	0.36	51.49	80.88	17.63	43.657	75.273	16.069	1.00	51.49
2.04	0.36	52.08	81.23	17.78	42.455	75.424	16.141	1.02	52.08
2.05	0.36	52.67	81.59	17.93	41.278	75.571	16.212	1.04	52.67
2.06	0.36	53.25	81.95	18.09	40.126	75.714	16.282	1.05	53.25
2.07	0.35	53.83	82.30	18.24	39.001	75.852	16.350	1.07	53.83
2.08	0.35	54.41	82.65	18.39	37.902	75.986	16.418	1.09	54.41
2.09	0.35	54.99	83.01	18.55	36.832	76.116	16.484	1.11	54.99
2.10	0.35	55.56	83.36	18.71	35.790	76.243	16.548	1.12	55.56
2.11	0.35	56.13	83.71	18.86	34.778	76.365	16.612	1.14	56.13
2.12	0.35	56.70	84.07	19.02	33.797	76.484	16.674	1.15	56.70
2.13	0.35	57.26	84.42	19.18	32.847	76.600	16.735	1.17	57.26
2.14	0.35	57.82	84.77	19.34	31.930	76.712	16.795	1.18	57.82
2.15	0.35	58.38	85.12	19.50	31.046	76.820	16.854	1.20	58.38
2.16	0.35	58.94	85.47	19.66	30.196	76.926	16.912	1.21	58.94
2.17	0.35	59.49	85.82	19.83	29.381	77.028	16.969	1.22	59.49
2.18	0.35	60.05	86.16	19.99	28.602	77.128	17.024	1.23	60.05
2.19	0.35	60.59	86.51	20.15	27.860	77.224	17.079	1.24	60.59
2.20	0.35	61.14	86.86	20.31	27.156	77.318	17.132	1.25	61.14
2.21	0.35	61.69	87.20	20.48	26.490	77.410	17.185	1.26	61.69
2.22	0.34	62.23	87.55	20.64	25.863	77.499	17.237	1.27	62.23
2.23	0.34	62.77	87.89	20.81	25.278	77.586	17.288	1.27	62.77
2.24	0.34	63.30	88.24	20.97	24.464	77.670	17.338	1.29	63.30
2.25	0.34	63.84	88.58	21.14	23.945	77.752	17.387	1.29	63.84
2.26	0.34	64.82	88.92	21.31	23.446	77.833	17.436	1.30	64.82
2.27	0.34	65.81	89.26	21.48	22.966	77.911	17.484	1.30	65.81
2.28	0.34	66.78	89.60	21.65	22.507	77.987	17.533	1.31	66.78
2.29	0.34	67.76	89.94	21.82	22.070	78.062	17.581	1.31	67.76
2.30	0.34	68.73	90.28	22.00	21.657	78.136	17.629	1.32	68.73
2.31	0.34	69.69	90.62	22.18	21.267	78.208	17.677	1.32	69.69
2.32	0.34	70.65	90.95	22.36	20.903	78.278	17.724	1.32	70.65
2.33	0.34	71.61	91.29	22.54	20.565	78.347	17.772	1.32	71.61
2.34	0.34	72.56	91.63	22.72	20.255	78.415	17.819	1.33	72.56

2.35	0.33	73.51	91.96	22.91	19.973	78.482	17.867	1.33	73.51
2.36	0.33	74.46	92.29	23.09	19.729	78.548	17.914	1.33	74.46
2.37	0.33	75.40	92.63	23.28	19.458	78.612	17.962	1.33	75.40
2.38	0.33	76.33	92.96	23.47	19.186	78.676	18.009	1.33	76.33
2.39	0.33	77.27	93.29	23.66	18.914	78.739	18.056	1.33	77.27
2.40	0.33	78.19	93.62	23.85	18.643	78.800	18.103	1.33	78.19
2.41	0.33	79.12	93.95	24.05	18.373	78.860	18.150	1.33	79.12
2.42	0.33	80.04	94.28	24.24	18.104	78.920	18.196	1.33	80.04
2.43	0.33	80.96	94.60	24.44	17.837	78.978	18.242	1.33	80.96
2.44	0.33	81.87	94.93	24.63	17.573	79.035	18.289	1.33	81.87
2.45	0.32	82.78	95.25	24.83	17.311	79.092	18.334	1.33	82.78
2.46	0.32	83.69	95.58	25.03	17.052	79.147	18.380	1.33	83.69
2.47	0.32	84.59	95.90	25.23	16.797	79.201	18.425	1.33	84.59
2.48	0.32	85.49	96.22	25.43	16.545	79.254	18.470	1.33	85.49
2.49	0.32	86.38	96.54	25.64	16.299	79.307	18.515	1.33	86.38
2.50	0.32	87.28	96.86	25.84	16.057	79.358	18.560	1.33	87.28
2.51	0.32	88.16	97.18	26.04	15.821	79.408	18.604	1.33	88.16
2.52	0.32	89.05	97.50	26.25	15.590	79.458	18.648	1.33	89.05
2.53	0.32	89.93	97.82	26.46	15.366	79.507	18.691	1.33	89.93
2.54	0.32	90.81	98.13	26.66	15.148	79.554	18.735	1.33	90.81
2.55	0.31	91.68	98.45	26.87	14.938	79.601	18.778	1.33	91.68
2.56	0.31	92.55	98.76	27.08	14.791	79.648	18.821	1.32	92.55
2.57	0.31	93.42	99.07	27.29	14.581	79.693	18.863	1.32	93.42
2.58	0.31	94.28	99.38	27.50	14.370	79.738	18.906	1.32	94.28
2.59	0.31	95.14	99.69	27.71	14.160	79.782	18.947	1.32	95.14
2.60	0.31	96.00	100.00	27.92	13.949	79.825	18.989	1.32	96.00

RELATIVE WT %	78.23	CLEAN COAL ASH %	18.99	REFUSE ASH %	63.24
HEAD ASH %	27.92	CLEAN COAL YIELD%	79.82	REFUSE YIELD%	20.18
RAW COAL TON.	574.492920	CLEAN COAL TON	458.587891	REFUSE TON.	115.905029
THEO. YIELD	83.99	ECART PROB. MOYEN	0.2076		
SG OF SEPARATION	2.118	IMPERFECTION	0.212		
NEAR GRAVITY MAT	7.030				
ORGANIC EFFCY.	95.04				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY EQUIPEMENT WOC2 SG-ASH 19.00 EP 0.450 SG 2.18

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.74 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.92	0.21	0.92	0.21	99.521	0.918	0.210	0.06	0.21
1.25	0.95	0.41	1.87	0.31	99.485	1.859	0.311	0.07	0.41
1.26	0.97	0.61	2.84	0.41	99.448	2.825	0.412	0.07	0.61
1.27	1.00	0.88	3.84	0.53	99.410	3.817	0.534	0.08	0.88
1.28	1.03	1.24	4.86	0.68	99.372	4.836	0.682	0.09	1.24
1.29	1.05	1.59	5.92	0.84	99.333	5.882	0.844	0.09	1.59
1.30	1.08	1.94	7.00	1.01	99.294	6.957	1.013	0.10	1.94
1.31	1.12	2.01	8.12	1.15	99.253	8.073	1.151	0.11	2.01
1.32	1.17	2.06	9.29	1.27	99.212	9.233	1.268	0.12	2.08
1.33	1.20	2.41	10.48	1.40	99.171	10.419	1.398	0.13	2.41
1.34	1.21	2.99	11.69	1.56	99.129	11.614	1.563	0.14	2.99
1.35	1.20	3.57	12.89	1.75	99.087	12.802	1.749	0.15	3.57
1.36	1.13	3.96	14.02	1.93	99.044	13.922	1.927	0.14	3.96
1.37	1.10	4.35	15.12	2.10	99.000	15.010	2.103	0.15	4.35
1.38	1.20	4.65	16.32	2.29	98.956	16.195	2.289	0.17	4.65
1.39	1.43	4.86	17.75	2.50	98.911	17.608	2.495	0.21	4.86
1.40	1.79	5.08	19.54	2.73	98.864	19.377	2.731	0.27	5.08
1.41	3.34	5.08	22.88	3.08	98.816	22.681	3.072	0.53	5.08
1.42	4.49	5.08	27.37	3.40	98.766	27.116	3.400	0.74	5.08
1.43	5.10	5.40	32.48	3.72	98.715	32.154	3.713	0.88	5.40
1.44	2.52	6.04	34.99	3.88	98.661	34.639	3.880	0.45	6.04
1.45	2.30	6.68	37.29	4.06	98.605	36.902	4.051	0.43	6.68
1.46	3.40	6.99	40.69	4.30	98.546	40.256	4.296	0.66	6.99
1.47	3.43	7.30	44.12	4.53	98.484	43.632	4.528	0.70	7.30
1.48	3.33	8.19	47.45	4.79	98.419	46.911	4.784	0.71	8.19
1.49	3.12	9.67	50.57	5.09	98.351	49.979	5.084	0.69	9.67
1.50	2.79	11.14	53.36	5.41	98.279	52.716	5.398	0.64	11.14
1.51	2.31	12.13	55.67	5.69	98.203	54.987	5.676	0.56	12.13
1.52	1.86	13.12	57.53	5.93	98.124	56.814	5.916	0.47	13.12
1.53	1.54	14.01	59.07	6.14	98.040	58.321	6.125	0.40	14.01
1.54	1.34	14.80	60.41	6.33	97.951	59.632	6.316	0.37	14.80
1.55	1.27	15.59	61.67	6.52	97.858	60.870	6.504	0.36	15.59
1.56	1.28	16.14	62.95	6.72	97.760	62.122	6.699	0.38	16.14
1.57	1.27	16.69	64.22	6.91	97.656	63.364	6.895	0.40	16.69
1.58	1.22	17.43	65.44	7.11	97.548	64.553	7.089	0.40	17.43
1.59	1.12	18.35	66.57	7.30	97.433	65.648	7.276	0.39	18.35
1.60	0.98	19.26	67.55	7.47	97.313	66.606	7.449	0.35	19.26
1.61	0.88	19.76	68.43	7.63	97.186	67.464	7.605	0.33	19.76
1.62	0.84	20.26	69.28	7.79	97.053	68.284	7.757	0.33	20.26
1.63	0.80	20.99	70.08	7.94	96.914	69.061	7.906	0.33	20.99
1.64	0.76	21.96	70.84	8.09	96.768	69.792	8.053	0.33	21.96
1.65	0.71	22.91	71.54	8.23	96.614	70.475	8.197	0.32	22.91
1.66	0.68	23.43	72.22	8.37	96.453	71.127	8.337	0.32	23.43
1.67	0.66	23.94	72.88	8.52	96.285	71.759	8.474	0.33	23.94
1.68	0.63	24.73	73.50	8.65	96.109	72.362	8.610	0.33	24.73
1.69	0.59	25.78	74.09	8.79	95.804	72.923	8.742	0.33	25.78
1.70	0.53	26.82	74.62	8.92	95.587	73.434	8.868	0.32	26.82
1.71	.50	27.63	75.12	9.04	95.353	73.910	8.989	.1	27.63
1.72	.49	28.44	75.61	9.17	95.104	74.372	9.109	.2	28.44

1.73	0.47	29.25	76.08	9.29	94.843	74.817	9.229	0.32	29.25
1.74	0.45	30.06	76.53	9.41	94.575	75.243	9.347	0.33	30.06
1.75	0.43	30.86	76.96	9.53	94.301	75.648	9.462	0.33	30.86
1.76	0.40	31.66	77.36	9.65	94.025	76.029	9.573	0.32	31.66
1.77	0.38	32.45	77.74	9.76	93.750	76.383	9.679	0.32	32.45
1.78	0.35	33.25	78.09	9.86	93.486	76.708	9.779	0.30	33.25
1.79	0.32	34.04	78.40	9.96	93.233	77.002	9.872	0.29	34.04
1.80	0.28	34.84	78.68	10.05	92.983	77.262	9.956	0.26	34.84
1.81	0.26	35.47	78.94	10.13	92.725	77.500	10.034	0.25	35.47
1.82	0.25	36.09	79.19	10.21	92.451	77.728	10.111	0.25	36.09
1.83	0.24	36.72	79.43	10.29	92.151	77.949	10.186	0.25	36.72
1.84	0.24	37.34	79.66	10.37	91.815	78.166	10.262	0.26	37.34
1.85	0.23	37.96	79.90	10.45	91.435	78.379	10.337	0.27	37.96
1.86	0.23	38.94	80.13	10.54	91.000	78.592	10.415	0.28	38.94
1.87	0.24	39.92	80.37	10.62	90.526	78.807	10.495	0.30	39.92
1.88	0.24	40.90	80.61	10.71	90.037	79.025	10.579	0.32	40.90
1.89	0.25	41.87	80.86	10.81	89.535	79.249	10.667	0.35	41.87
1.90	0.26	42.84	81.12	10.91	89.021	79.481	10.761	0.38	42.84
1.91	0.27	43.74	81.39	11.02	88.499	79.716	10.858	0.41	43.74
1.92	0.27	44.64	81.65	11.13	87.969	79.950	10.957	0.43	44.64
1.93	0.27	45.54	81.92	11.24	87.436	80.182	11.058	0.45	45.54
1.94	0.27	46.43	82.18	11.36	86.899	80.413	11.159	0.47	46.43
1.95	0.27	47.31	82.45	11.47	86.362	80.643	11.262	0.49	47.31
1.96	0.27	48.19	82.71	11.59	85.827	80.870	11.366	0.50	48.19
1.97	0.27	49.07	82.98	11.71	85.296	81.097	11.471	0.52	49.07
1.98	0.27	49.94	83.24	11.83	84.771	81.321	11.577	0.54	49.94
1.99	0.27	50.81	83.51	11.96	84.255	81.545	11.685	0.56	50.81
2.00	0.27	51.67	83.77	12.08	83.748	81.767	11.793	0.58	51.67
2.01	0.27	52.53	84.04	12.21	83.495	81.988	11.903	0.59	52.53
2.02	0.26	53.39	84.30	12.34	82.993	82.208	12.014	0.60	53.39
2.03	0.26	54.24	84.57	12.47	82.493	82.426	12.126	0.62	54.24
2.04	0.26	55.08	84.83	12.60	81.996	82.644	12.239	0.64	55.08
2.05	0.26	55.93	85.10	12.74	81.499	82.860	12.353	0.66	55.93
2.06	0.26	56.77	85.36	12.87	81.004	83.074	12.468	0.67	56.77
2.07	0.26	57.60	85.63	13.01	80.510	83.287	12.583	0.69	57.60
2.08	0.26	58.43	85.89	13.15	80.016	83.500	12.700	0.71	58.43
2.09	0.27	59.26	86.16	13.29	79.521	83.710	12.817	0.73	59.26
2.10	0.27	60.08	86.42	13.44	79.027	83.920	12.935	0.75	60.08
2.11	0.27	60.90	86.69	13.58	78.531	84.128	13.054	0.76	60.90
2.12	0.27	61.71	86.95	13.73	78.034	84.335	13.173	0.78	61.71
2.13	0.27	62.52	87.22	13.88	77.536	84.541	13.293	0.80	62.52
2.14	0.27	63.33	87.48	14.03	77.034	84.745	13.414	0.82	63.33
2.15	0.27	64.13	87.75	14.18	76.530	84.948	13.535	0.84	64.13
2.16	0.27	64.93	88.02	14.33	76.024	85.150	13.657	0.85	64.93
2.17	0.27	65.73	88.28	14.49	75.514	85.351	13.779	0.87	65.73
2.18	0.27	66.52	88.55	14.64	75.000	85.550	13.902	0.89	66.52
2.19	0.27	67.31	88.81	14.80	74.476	85.748	14.026	0.91	67.31
2.20	0.27	68.09	89.08	14.96	73.937	85.945	14.150	0.93	68.09
2.21	0.27	68.87	89.35	15.12	73.382	86.141	14.274	0.95	68.87
2.22	0.27	69.65	89.61	15.28	72.815	86.335	14.398	0.97	69.65
2.23	0.27	70.42	89.88	15.45	72.235	86.528	14.523	0.99	70.42
2.24	0.27	71.19	90.15	15.61	71.643	86.719	14.648	1.02	71.19
2.25	0.27	71.96	90.41	15.78	71.041	86.908	14.773	1.04	71.96
2.26	0.27	72.70	90.68	15.95	70.429	87.097	14.899	1.06	72.70
2.27	0.27	73.43	90.95	16.12	69.808	87.284	15.024	1.08	73.43
2.28	0.27	74.16	91.22	16.29	69.180	87.469	15.149	1.11	74.16
2.29	0.27	74.89	91.49	16.46	68.545	87.653	15.275	1.13	74.89
2.30	0.27	75.62	91.75	16.63	67.905	87.836	15.400	1.16	75.62
2.31	0.27	76.34	92.02	16.81	67.260	88.017	15.525	1.18	76.34
2.32	0.27	77.05	92.29	16.98	66.611	88.196	15.650	1.20	77.05
2.33	0.27	77.77	92.56	17.16	65.960	88.374	15.775	1.23	77.77
2.34	0.27	78.48	92.83	17.34	65.307	88.550	15.900	1.26	78.48

2.35	0.27	79.19	93.10	17.52	64.653	88.724	16.024	1.28	79.19
2.36	0.27	79.90	93.37	17.70	64.000	88.898	16.149	1.31	79.90
2.37	0.27	80.60	93.64	17.88	63.332	89.069	16.273	1.33	80.60
2.38	0.27	81.30	93.91	18.06	62.638	89.239	16.397	1.36	81.30
2.39	0.27	82.00	94.19	18.25	61.920	89.407	16.520	1.39	82.00
2.40	0.27	82.69	94.46	18.43	61.183	89.574	16.643	1.42	82.69
2.41	0.27	83.38	94.73	18.62	60.431	89.738	16.766	1.45	83.38
2.42	0.27	84.07	95.00	18.81	59.667	89.901	16.888	1.48	84.07
2.43	0.27	84.76	95.28	19.00	58.895	90.062	17.009	1.51	84.76
2.44	0.27	85.44	95.55	19.19	58.119	90.221	17.130	1.54	85.44
2.45	0.27	86.12	95.82	19.38	57.344	90.378	17.250	1.57	86.12
2.46	0.27	86.80	96.10	19.57	56.572	90.534	17.369	1.60	86.80
2.47	0.28	87.47	96.37	19.76	55.808	90.687	17.488	1.63	87.47
2.48	0.28	88.14	96.65	19.96	55.056	90.839	17.606	1.66	88.14
2.49	0.28	88.81	96.93	20.16	54.319	90.989	17.723	1.69	88.81
2.50	0.28	89.48	97.20	20.35	53.601	91.137	17.840	1.72	89.48
2.51	0.28	90.14	97.48	20.55	52.906	91.284	17.956	1.75	90.14
2.52	0.28	90.80	97.76	20.75	52.239	91.429	18.072	1.78	90.80
2.53	0.28	91.46	98.04	20.95	51.602	91.573	18.187	1.81	91.46
2.54	0.28	92.12	98.31	21.15	51.000	91.715	18.301	1.83	92.12
2.55	0.28	92.77	98.59	21.36	50.425	91.856	18.415	1.86	92.77
2.56	0.28	93.42	98.87	21.56	49.864	91.995	18.529	1.88	93.42
2.57	0.28	94.07	99.15	21.77	49.317	92.134	18.643	1.91	94.07
2.58	0.28	94.72	99.44	21.97	48.779	92.271	18.756	1.93	94.72
2.59	0.28	95.36	99.72	22.18	48.249	92.407	18.869	1.96	95.36
2.60	0.28	96.00	100.00	22.39	47.726	92.542	18.981	1.98	96.00

RELATIVE WT %	13.74	CLEAN COAL ASH %	18.98	REFUSE ASH %	64.66
HEAD ASH %	22.39	CLEAN COAL YIELD%	92.54	REFUSE YIELD%	7.46
RAW COAL TON.	100.894653	CLEAN COAL TON.	93.369598	REFUSE TON.	7.525055
THEO. YIELD	95.25	ECART PROB. MOYEN	0.4503		
SG OF SEPARATION	2.429	IMPERFECTION	0.382		
NEAR GRAVITY MAT	5.473				
ORGANIC EFFCY.	97.15				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : BLENDED ROUTE

PROJECT: KPN MINE PERIOD PROPERTY EQUIPEMENT FRTH SG-ASH 19.00 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 8.03 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	71.29	14.03	71.29	14.03					
45.00	6.75	25.16	78.03	14.99					
60.00	2.57	39.74	80.60	15.78					
90.00	2.42	51.82	83.03	16.83					
120.00	1.92	61.72	84.95	17.85					
300.00	15.05	72.40	100.00	26.06					

RELATIVE WT % 8.03 CLEAN COAL ASH % 19.00 REFUSE ASH % 63.86
HEAD ASH % 26.06 CLEAN COAL YIELD% 84.27 REFUSE YIELD% 15.73
RAW COAL TON. 58.942230 CLEAN COAL TON. 49.668274 REFUSE TON. 9.273956

Yield Table

Blended Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : BLEND SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN TO

MINE PERIOD : PROPERTY

FRACTION SIZE (MM)	10.00	0.60	0.60	0.15	0.15	0.0	
EQUIPMENT	JIG		WOC2		FRTH		
RELATIVE WEIGHT %	78.23		13.74		8.03	100.00	
HEAD ASH %	27.92		22.39		26.06	27.01	
RAW COAL TONNAGE	574.492920		100.894653		58.942230	734.329590	
CLEAN COAL ASH %	18.99		18.98		19.00	18.99	
CLEAN COAL YIELD	79.82		92.54		84.27	81.93	
CLEAN COAL TONNAGE	458.587891		93.369598		49.668274	601.625488	
THEORETICAL YIELD	83.99		95.25		0.0		
THEO. CUTPOINT	2.118		2.43		0.0		
NEAR GRAVITY MATERIAL	7.030		5.473		0.0		
ORGANIC EFFICIENCY	95.04		97.15		0.0		
ECART PROBABLE MOYEN	0.2076		0.450		0.0		
IMPERFECTION	0.212		0.382		0.0		
REFUSE ASH	63.24		64.66		63.86	63.37	
REFUSE YIELD	20.18		7.46		15.73	18.07	
REFUSE TONNAGE	115.905029		7.525055		9.273956	132.704041	

Washability Data

Individual Fully Expanded Sets

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 1 WID: WA1 EQUIPE JIG SG-ASH 19.00 EP 0.208 SG 1.98
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 81.32 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.55	1.17	0.55	1.17	100.000	0.550	1.170	0.0	1.17
1.25	0.55	2.33	1.10	1.75	100.000	1.100	1.750	0.0	2.33
1.26	0.54	3.47	1.64	2.32	100.000	1.640	2.316	0.0	3.47
1.27	0.54	4.61	2.18	2.88	100.000	2.180	2.884	0.0	4.61
1.28	0.53	5.73	2.71	3.44	100.000	2.710	3.441	0.0	5.73
1.29	0.53	6.85	3.24	4.00	100.000	3.240	3.999	0.0	6.85
1.30	0.52	7.96	3.76	4.55	100.000	3.760	4.546	0.0	7.96
1.31	0.52	9.06	4.28	5.09	100.000	4.280	5.095	0.0	9.06
1.32	0.69	9.61	4.97	5.72	100.000	4.970	5.722	0.0	9.61
1.33	0.69	9.61	5.66	6.20	100.000	5.660	6.196	0.0	9.61
1.34	0.68	9.61	6.34	6.56	100.000	6.340	6.562	0.0	9.61
1.35	0.68	9.61	7.02	6.86	100.000	7.020	6.857	0.0	9.61
1.36	0.67	9.61	7.69	7.10	100.000	7.690	7.097	0.0	9.61
1.37	0.67	9.61	8.36	7.30	100.000	8.360	7.298	0.0	9.61
1.38	0.66	9.61	9.02	7.47	100.000	9.020	7.468	0.0	9.61
1.39	0.66	9.61	9.68	7.61	100.000	9.680	7.614	0.0	9.61
1.40	0.65	9.61	10.33	7.74	100.000	10.330	7.739	0.0	9.61
1.41	3.79	9.61	14.12	8.24	99.950	14.118	8.241	0.01	9.61
1.42	4.81	9.61	18.93	8.59	99.887	18.923	8.589	0.03	9.61
1.43	5.54	9.61	24.47	8.82	99.810	24.452	8.820	0.05	9.61
1.44	6.01	9.61	30.48	8.96	99.722	30.445	8.975	0.08	9.61
1.45	6.20	9.61	36.68	9.08	99.623	36.622	9.082	0.12	9.61
1.46	3.34	10.79	40.02	9.23	99.513	39.946	9.224	0.08	10.79
1.47	3.15	11.97	43.17	9.43	99.394	43.077	9.424	0.10	11.97
1.48	2.80	13.13	45.97	9.65	99.265	45.856	9.649	0.10	13.13
1.49	2.30	14.29	48.27	9.87	99.129	48.136	9.868	0.10	14.29
1.50	1.66	15.44	49.93	10.06	98.985	49.779	10.052	0.08	15.44
1.51	1.81	16.54	51.74	10.28	98.835	51.568	10.277	0.11	16.54
1.52	1.74	17.64	53.48	10.52	98.636	53.284	10.515	0.12	17.64
1.53	1.67	18.73	55.15	10.77	98.409	54.928	10.760	0.13	18.73
1.54	1.58	19.82	56.73	11.02	98.159	56.479	11.009	0.15	19.82
1.55	1.48	20.89	58.21	11.27	97.708	57.925	11.256	0.17	20.89
1.56	1.37	21.55	59.58	11.51	97.373	59.259	11.488	0.18	21.55
1.57	1.25	22.19	60.83	11.73	97.001	60.471	11.702	0.19	22.19
1.58	1.12	22.84	61.95	11.99	96.596	61.553	11.898	0.19	22.84
1.59	0.98	23.48	62.93	12.11	96.164	62.496	12.073	0.19	23.48
1.60	0.83	24.12	63.76	12.27	95.711	63.290	12.224	0.18	24.12
1.61	0.76	24.90	64.52	12.42	95.240	64.014	12.367	0.18	24.90
1.62	0.78	25.67	65.30	12.57	94.758	64.753	12.519	0.21	25.67
1.63	0.78	26.44	66.08	12.74	94.486	65.490	12.676	0.22	26.44
1.64	0.77	27.21	66.85	12.91	93.912	66.213	12.834	0.24	27.21
1.65	0.74	27.97	67.59	13.07	93.278	66.903	12.991	0.25	27.97
1.66	0.70	28.35	68.29	13.23	92.586	67.551	13.138	0.26	28.35
1.67	0.64	28.72	68.93	13.37	91.837	68.139	13.272	0.26	28.72
1.68	0.57	29.09	69.50	13.50	91.034	68.658	13.392	0.26	29.09
1.69	0.48	29.46	69.98	13.61	90.178	69.091	13.492	0.24	29.46
1.70	0.37	29.82	70.35	13.69	89.079	69.421	13.570	0.20	29.82
1.71	0.31	30.01	70.66	13.77	88.106	69.694	13.634	0.19	30.01
1.72	0.31	30.20	70.97	13.84	87.084	69.964	13.698	0.20	30.20

1.73	0.31	30.39	71.28	13.91	86.015	70.230	13.762	0.22	30.39
1.74	0.31	30.58	71.59	13.98	84.903	70.494	13.825	0.23	30.58
1.75	0.31	30.76	71.90	14.05	83.752	70.753	13.887	0.25	30.76
1.76	0.31	31.81	72.21	14.13	82.565	71.009	13.951	0.27	31.81
1.77	0.31	32.84	72.52	14.21	81.345	71.261	14.018	0.29	32.84
1.78	0.31	33.87	72.83	14.29	80.095	71.510	14.087	0.31	33.87
1.79	0.31	34.89	73.14	14.38	78.819	71.754	14.158	0.33	34.89
1.80	0.30	35.91	73.44	14.47	77.520	71.986	14.228	0.34	35.91
1.81	0.30	36.63	73.74	14.56	76.201	72.215	14.299	0.36	36.63
1.82	0.30	37.35	74.04	14.65	74.866	72.440	14.371	0.38	37.35
1.83	0.30	38.06	74.34	14.75	73.618	72.661	14.443	0.40	38.06
1.84	0.30	38.77	74.64	14.84	72.161	72.877	14.515	0.42	38.77
1.85	0.30	39.48	74.94	14.94	70.640	73.089	14.587	0.44	39.48
1.86	0.30	39.90	75.24	15.04	69.067	73.296	14.659	0.47	39.90
1.87	0.30	40.33	75.54	15.14	67.451	73.498	14.729	0.49	40.33
1.88	0.30	40.75	75.84	15.24	65.803	73.696	14.799	0.52	40.75
1.89	0.30	41.17	76.14	15.34	64.136	73.888	14.868	0.54	41.17
1.90	0.30	41.59	76.44	15.45	62.458	74.076	14.935	0.57	41.59
1.91	0.31	41.93	76.75	15.55	60.782	74.264	15.004	0.61	41.93
1.92	0.31	42.26	77.06	15.66	59.118	74.447	15.071	0.64	42.26
1.93	0.31	42.60	77.37	15.77	57.478	74.626	15.137	0.66	42.60
1.94	0.32	42.93	77.69	15.88	55.871	74.804	15.203	0.71	42.93
1.95	0.32	43.26	78.01	15.99	54.309	74.978	15.268	0.73	43.26
1.96	0.32	43.72	78.33	16.11	52.802	75.147	15.332	0.76	43.72
1.97	0.32	44.18	78.65	16.22	51.362	75.311	15.395	0.78	44.18
1.98	0.32	44.64	78.97	16.34	50.000	75.471	15.457	0.80	44.64
1.99	0.32	45.10	79.29	16.45	48.690	75.627	15.518	0.82	45.10
2.00	0.31	45.55	79.60	16.57	47.399	75.774	15.576	0.82	45.55
2.01	0.13	45.96	79.73	16.61	46.130	75.834	15.600	0.35	45.96
2.02	0.13	46.37	79.86	16.66	44.882	75.892	15.624	0.36	46.37
2.03	0.13	46.78	79.99	16.71	43.657	75.949	15.647	0.37	46.78
2.04	0.12	47.18	80.11	16.76	42.455	76.000	15.668	0.35	47.18
2.05	0.12	47.58	80.23	16.80	41.278	76.050	15.689	0.35	47.58
2.06	0.47	47.59	80.70	16.98	40.126	76.238	15.768	1.41	47.59
2.07	0.45	47.59	81.15	17.15	39.001	76.414	15.841	1.38	47.59
2.08	0.43	47.59	81.58	17.31	37.902	76.577	15.909	1.34	47.59
2.09	0.40	47.59	81.98	17.46	36.832	76.724	15.970	1.27	47.59
2.10	0.38	47.59	82.36	17.60	35.790	76.860	16.026	1.23	47.59
2.11	0.09	47.59	82.45	17.63	34.778	76.891	16.038	0.29	47.59
2.12	0.09	47.59	82.54	17.66	33.797	76.922	16.051	0.30	47.59
2.13	0.09	47.59	82.63	17.70	32.847	76.951	16.063	0.30	47.59
2.14	0.09	47.59	82.72	17.73	31.930	76.980	16.075	0.31	47.59
2.15	0.09	47.59	82.81	17.76	31.046	77.008	16.086	0.31	47.59
2.16	0.0	48.83	82.81	17.76	30.196	77.008	16.086	0.0	48.83
2.17	0.0	50.06	82.81	17.76	29.381	77.008	16.086	0.0	50.06
2.18	0.0	51.29	82.81	17.76	28.602	77.008	16.086	0.0	51.29
2.19	0.0	52.51	82.81	17.76	27.860	77.008	16.086	0.0	52.51
2.20	0.0	53.72	82.81	17.76	27.156	77.008	16.086	0.0	53.72
2.21	0.09	54.71	82.90	17.80	26.490	77.032	16.098	0.33	54.71
2.22	0.11	55.68	83.01	17.85	25.863	77.060	16.113	0.41	55.68
2.23	0.12	56.66	83.13	17.91	25.278	77.091	16.129	0.45	56.66
2.24	0.13	57.62	83.26	17.97	24.464	77.123	16.146	0.49	57.62
2.25	0.15	58.59	83.41	18.04	23.945	77.158	16.166	0.57	58.59
2.26	0.16	59.91	83.57	18.12	23.446	77.196	16.187	0.62	59.91
2.27	0.18	61.22	83.75	18.22	22.966	77.237	16.211	0.70	61.22
2.28	0.20	62.52	83.95	18.32	22.507	77.282	16.238	0.78	62.52
2.29	0.21	63.82	84.16	18.44	22.070	77.329	16.267	0.82	63.82
2.30	0.23	65.12	84.39	18.56	21.657	77.378	16.298	0.90	65.12
2.31	0.55	65.90	84.94	18.87	21.267	77.495	16.373	2.17	65.90
2.32	0.55	66.69	85.49	19.18	20.903	77.610	16.447	2.18	66.69
2.33	.55	67.47	86.04	19.49	20.565	77.723	16.522	9	67.47
2.34	.54	68.25	86.58	19.79	20.255	77.833	16.594	16	68.25

2.35	0.54	69.02	87.12	20.10	19.973	77.941	16.667	2.17	69.02
2.36	0.54	69.79	87.66	20.40	19.729	78.047	16.739	2.18	69.79
2.37	0.54	70.56	88.20	20.71	19.458	78.152	16.812	2.18	70.56
2.38	0.53	71.32	88.73	21.01	19.186	78.254	16.883	2.15	71.32
2.39	0.53	72.08	89.26	21.31	18.914	78.354	16.953	2.16	72.08
2.40	0.53	72.84	89.79	21.62	18.643	78.453	17.024	2.17	72.84
2.41	0.53	73.60	90.32	21.92	18.373	78.550	17.094	2.17	73.60
2.42	0.53	74.35	90.85	22.23	18.104	78.646	17.164	2.18	74.35
2.43	0.52	75.10	91.37	22.53	17.837	78.739	17.232	2.15	75.10
2.44	0.52	75.84	91.89	22.83	17.573	78.831	17.300	2.15	75.84
2.45	0.52	76.58	92.41	23.13	17.311	78.921	17.367	2.16	76.58
2.46	0.52	77.91	92.93	23.44	17.052	79.009	17.435	2.17	77.91
2.47	0.51	79.24	93.44	23.74	16.797	79.095	17.502	2.13	79.24
2.48	0.51	80.56	93.95	24.05	16.545	79.179	17.569	2.14	80.56
2.49	0.51	81.87	94.46	24.37	16.299	79.262	17.637	2.14	81.87
2.50	0.51	83.18	94.97	24.68	16.057	79.344	17.705	2.15	83.18
2.51	0.51	84.49	95.48	25.00	15.821	79.425	17.772	2.16	84.49
2.52	0.50	85.79	95.98	25.32	15.590	79.503	17.839	2.12	85.79
2.53	0.50	87.08	96.48	25.64	15.366	79.580	17.906	2.12	87.08
2.54	0.50	88.37	96.98	25.96	15.148	79.655	17.973	2.13	88.37
2.55	0.50	89.65	97.48	26.29	14.938	79.730	18.040	2.14	89.65
2.56	0.50	90.93	97.98	26.62	14.791	79.804	18.108	2.14	90.93
2.57	0.49	92.21	98.47	26.94	14.581	79.876	18.174	2.10	92.21
2.58	0.49	93.48	98.96	27.27	14.370	79.946	18.240	2.11	93.48
2.59	0.49	94.74	99.45	27.61	14.160	80.015	18.307	2.11	94.74
2.60	0.49	96.00	99.94	27.94	13.949	80.084	18.373	2.12	96.00

HEAD ASH %	27.94	CLEAN COAL ASH %	18.37	REFUSE ASH %	66.42
THEO. YIELD	84.04	CLEAN COAL YIELD%	80.08	REFUSE YIELD%	19.92
SG OF SEPARATION	2.284	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	6.157	IMPERFECTION	0.212		
ORGANIC EFFCY.	95.29				

(2)

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 2 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 73.40 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.31	0.01	0.31	0.01	100.000	0.310	0.010	0.0	0.01
1.25	0.49	0.01	0.80	0.01	100.000	0.800	0.010	0.0	0.01
1.26	0.67	0.01	1.47	0.01	100.000	1.470	0.010	0.0	0.01
1.27	0.85	0.01	2.32	0.01	100.000	2.320	0.010	0.0	0.01
1.28	1.03	0.01	3.35	0.01	100.000	3.350	0.010	0.0	0.01
1.29	1.21	0.01	4.56	0.01	100.000	4.560	0.010	0.0	0.01
1.30	1.38	0.01	5.94	0.01	100.000	5.940	0.010	0.0	0.01
1.31	1.55	0.01	7.49	0.01	100.000	7.490	0.010	0.0	0.01
1.32	1.09	0.39	8.58	0.06	100.000	8.580	0.058	0.0	0.39
1.33	1.20	1.14	9.78	0.19	100.000	9.780	0.191	0.0	1.14
1.34	1.31	1.89	11.09	0.39	100.000	11.090	0.392	0.0	1.89
1.35	1.42	2.63	12.51	0.65	100.000	12.510	0.646	0.0	2.63
1.36	1.52	3.37	14.03	0.94	100.000	14.030	0.941	0.0	3.37
1.37	1.63	4.10	15.66	1.27	100.000	15.660	1.270	0.0	4.10
1.38	1.73	4.82	17.39	1.62	100.000	17.390	1.623	0.0	4.82
1.39	1.83	5.54	19.22	2.00	100.000	19.220	1.996	0.0	5.54
1.40	1.93	6.26	21.15	2.38	100.000	21.150	2.385	0.0	6.26
1.41	2.67	6.77	23.82	2.88	99.950	23.819	2.876	0.01	6.77
1.42	3.32	7.29	27.14	3.42	99.887	27.135	3.416	0.02	7.29
1.43	3.80	7.79	30.94	3.95	99.810	30.928	3.952	0.04	7.79
1.44	4.08	8.30	35.02	4.46	99.722	34.996	4.458	0.06	8.30
1.45	4.19	8.80	39.21	4.92	99.623	39.171	4.920	0.08	8.80
1.46	4.11	10.01	43.32	5.41	99.513	43.261	5.402	0.10	10.01
1.47	3.85	11.21	47.17	5.88	99.394	47.087	5.874	0.12	11.21
1.48	3.40	12.40	50.57	6.32	99.265	50.462	6.310	0.13	12.40
1.49	2.77	13.58	53.34	6.70	99.129	53.208	6.685	0.12	13.58
1.50	1.95	14.75	55.29	6.98	98.985	55.138	6.968	0.10	14.75
1.51	1.44	15.91	56.73	7.21	98.835	56.562	7.193	0.09	15.91
1.52	1.35	17.06	58.08	7.44	98.636	57.893	7.420	0.09	17.06
1.53	1.27	18.20	59.35	7.67	98.409	59.143	7.647	0.10	18.20
1.54	1.18	19.33	60.53	7.89	98.159	60.301	7.872	0.11	19.33
1.55	1.09	20.46	61.62	8.12	97.708	61.366	8.090	0.13	20.46
1.56	1.00	21.25	62.62	8.33	97.373	62.340	8.296	0.13	21.25
1.57	0.90	22.03	63.52	8.52	97.001	63.213	8.485	0.14	22.03
1.58	0.81	22.81	64.33	8.70	96.696	63.995	8.661	0.14	22.81
1.59	0.72	23.58	65.05	8.86	96.164	64.688	8.820	0.14	23.58
1.60	0.62	24.35	65.67	9.01	95.711	65.281	8.961	0.14	24.35
1.61	0.58	25.19	66.25	9.15	95.240	65.834	9.098	0.14	25.19
1.62	0.59	26.03	66.84	9.30	94.758	66.393	9.240	0.16	26.03
1.63	0.59	26.87	67.43	9.45	94.486	66.950	9.387	0.17	26.87
1.64	0.59	27.70	68.02	9.61	93.912	67.504	9.537	0.18	27.70
1.65	0.58	28.52	68.60	9.77	93.278	68.045	9.688	0.20	28.52
1.66	0.56	29.24	69.16	9.93	92.586	68.564	9.836	0.21	29.24
1.67	0.53	29.96	69.69	10.08	91.837	69.050	9.978	0.22	29.96
1.68	0.49	30.68	70.18	10.23	91.034	69.496	10.111	0.22	30.68
1.69	0.45	31.39	70.63	10.36	90.178	69.902	10.234	0.23	31.39
1.70	0.40	32.09	71.03	10.48	89.079	70.259	10.345	0.22	32.09
1.71	.37	32.68	71.40	10.60	88.106	70.585	10.448	23	32.68
1.72	.37	33.25	71.77	10.72	87.084	70.907	10.552	24	33.25

1.73	0.37	33.83	72.14	10.83	86.015	71.225	10.656	0.26	33.83
1.74	0.36	34.40	72.50	10.95	84.903	71.531	10.757	0.28	34.40
1.75	0.36	34.97	72.86	11.07	83.752	71.832	10.859	0.30	34.97
1.76	0.34	35.45	73.20	11.18	82.565	72.113	10.955	0.30	35.45
1.77	0.33	35.93	73.53	11.29	81.345	72.381	11.047	0.32	35.93
1.78	0.31	36.40	73.84	11.40	80.095	72.630	11.134	0.32	36.40
1.79	0.29	36.88	74.13	11.50	78.819	72.858	11.215	0.31	36.88
1.80	0.27	37.35	74.40	11.59	77.520	73.068	11.290	0.31	37.35
1.81	0.25	37.74	74.65	11.68	76.201	73.258	11.359	0.30	37.74
1.82	0.25	38.13	74.90	11.77	74.866	73.445	11.427	0.32	38.13
1.83	0.25	38.52	75.15	11.86	73.618	73.629	11.494	0.34	38.52
1.84	0.25	38.91	75.40	11.95	72.161	73.810	11.561	0.36	38.91
1.85	0.24	39.29	75.64	12.03	70.640	73.979	11.625	0.36	39.29
1.86	0.24	39.70	75.88	12.12	69.067	74.145	11.688	0.38	39.70
1.87	0.24	40.11	76.12	12.21	67.451	74.307	11.750	0.40	40.11
1.88	0.23	40.52	76.35	12.30	65.803	74.458	11.808	0.40	40.52
1.89	0.23	40.92	76.58	12.38	64.136	74.606	11.866	0.42	40.92
1.90	0.23	41.32	76.81	12.47	62.458	74.749	11.922	0.44	41.32
1.91	0.22	41.61	77.03	12.55	60.782	74.883	11.975	0.44	41.61
1.92	0.21	41.89	77.24	12.63	59.118	75.007	12.025	0.44	41.89
1.93	0.21	42.17	77.45	12.71	57.478	75.128	12.073	0.46	42.17
1.94	0.20	42.45	77.65	12.79	55.871	75.240	12.118	0.45	42.45
1.95	0.20	42.73	77.85	12.86	54.309	75.348	12.163	0.47	42.73
1.96	0.20	43.26	78.05	12.94	52.802	75.454	12.206	0.48	43.26
1.97	0.20	43.78	78.25	13.02	51.362	75.557	12.249	0.50	43.78
1.98	0.21	44.31	78.46	13.10	50.000	75.662	12.293	0.54	44.31
1.99	0.21	44.83	78.67	13.19	48.690	75.764	12.337	0.55	44.83
2.00	0.22	45.35	78.89	13.28	47.399	75.868	12.383	0.59	45.35
2.01	0.25	45.70	79.14	13.38	46.130	75.983	12.433	0.69	45.70
2.02	0.29	46.05	79.43	13.50	44.882	76.114	12.491	0.82	46.05
2.03	0.33	46.40	79.76	13.64	43.657	76.258	12.555	0.95	46.40
2.04	0.35	46.74	80.11	13.78	42.455	76.406	12.621	1.03	46.74
2.05	0.36	47.09	80.47	13.93	41.278	76.555	12.688	1.08	47.09
2.06	0.36	47.69	80.83	14.08	40.126	76.699	12.754	1.10	47.69
2.07	0.34	48.30	81.17	14.22	39.001	76.832	12.816	1.06	48.30
2.08	0.31	48.90	81.48	14.36	37.902	76.949	12.871	0.99	48.90
2.09	0.27	49.50	81.75	14.47	36.832	77.049	12.918	0.87	49.50
2.10	0.22	50.09	81.97	14.57	35.790	77.128	12.956	0.72	50.09
2.11	0.06	50.69	82.03	14.59	34.778	77.148	12.966	0.20	50.69
2.12	0.04	51.28	82.07	14.61	33.797	77.162	12.973	0.14	51.28
2.13	0.03	51.87	82.10	14.63	32.847	77.172	12.978	0.10	51.87
2.14	0.02	52.45	82.12	14.63	31.930	77.178	12.981	0.07	52.45
2.15	0.01	53.03	82.13	14.64	31.046	77.181	12.983	0.04	53.03
2.16	0.05	53.03	82.18	14.66	30.196	77.196	12.990	0.18	53.03
2.17	0.06	53.03	82.24	14.69	29.381	77.214	13.000	0.22	53.03
2.18	0.08	53.03	82.32	14.73	28.602	77.237	13.011	0.29	53.03
2.19	0.13	53.03	82.45	14.79	27.860	77.273	13.030	0.48	53.03
2.20	0.20	53.03	82.65	14.88	27.156	77.327	13.058	0.75	53.03
2.21	0.22	53.03	82.87	14.98	26.490	77.386	13.088	0.83	53.03
2.22	0.24	53.03	83.11	15.09	25.863	77.448	13.120	0.91	53.03
2.23	0.26	53.03	83.37	15.21	25.278	77.514	13.154	0.99	53.03
2.24	0.29	53.03	83.66	15.34	24.464	77.584	13.191	1.12	53.03
2.25	0.31	53.04	83.97	15.48	23.946	77.659	13.229	1.21	53.04
2.26	0.08	53.50	84.05	15.52	23.446	77.677	13.239	0.31	53.50
2.27	0.08	53.97	84.13	15.55	22.966	77.696	13.248	0.32	53.97
2.28	0.09	54.43	84.22	15.60	22.507	77.716	13.259	0.36	54.43
2.29	0.10	54.89	84.32	15.64	22.070	77.738	13.271	0.40	54.89
2.30	0.10	55.35	84.42	15.69	21.657	77.760	13.282	0.40	55.35
2.31	0.55	55.68	84.97	15.95	21.267	77.877	13.346	2.22	55.68
2.32	0.55	56.00	85.52	16.21	20.903	77.992	13.409	2.23	56.00
2.33	0.55	56.32	86.07	16.46	20.565	78.105	13.471	2.24	56.32
2.34	0.54	56.64	86.61	16.71	20.255	78.214	13.531	2.20	56.64

2.35	0.54	56.96	87.15	16.96	19.973	78.322	13.591	2.21	56.96
2.36	0.54	57.28	87.69	17.21	19.729	78.429	13.651	2.22	57.28
2.37	0.54	57.59	88.23	17.46	19.458	78.534	13.709	2.23	57.59
2.38	0.53	57.91	88.76	17.70	19.186	78.635	13.767	2.19	57.91
2.39	0.53	58.22	89.29	17.94	18.914	78.736	13.823	2.20	58.22
2.40	0.53	58.53	89.82	18.18	18.643	78.834	13.879	2.21	58.53
2.41	0.53	58.84	90.35	18.42	18.373	78.932	13.935	2.21	58.84
2.42	0.53	59.15	90.88	18.65	18.104	79.028	13.990	2.22	59.15
2.43	0.52	59.46	91.40	18.89	17.837	79.121	14.043	2.19	59.46
2.44	0.52	59.77	91.92	19.12	17.573	79.212	14.096	2.19	59.77
2.45	0.52	60.07	92.44	19.35	17.311	79.302	14.148	2.20	60.07
2.46	0.52	62.53	92.96	19.59	17.052	79.391	14.202	2.21	62.53
2.47	0.52	64.99	93.48	19.84	16.797	79.478	14.258	2.22	64.99
2.48	0.51	67.43	93.99	20.10	16.545	79.562	14.314	2.18	67.43
2.49	0.51	69.86	94.50	20.37	16.299	79.645	14.372	2.19	69.86
2.50	0.51	72.29	95.01	20.65	16.057	79.727	14.432	2.19	72.29
2.51	0.51	74.70	95.52	20.94	15.821	79.808	14.492	2.20	74.70
2.52	0.50	77.10	96.02	21.23	15.590	79.886	14.554	2.16	77.10
2.53	0.50	79.50	96.52	21.53	15.366	79.963	14.616	2.17	79.50
2.54	0.50	81.88	97.02	21.84	15.148	80.039	14.680	2.17	81.88
2.55	0.50	84.26	97.52	22.16	14.938	80.113	14.745	2.18	84.26
2.56	0.50	86.63	98.02	22.49	14.791	80.187	14.811	2.18	86.63
2.57	0.50	88.98	98.52	22.83	14.581	80.260	14.878	2.19	88.98
2.58	0.49	91.33	99.01	23.17	14.370	80.331	14.945	2.15	91.33
2.59	0.49	93.67	99.50	23.51	14.160	80.400	15.013	2.15	93.67
2.60	0.49	96.00	99.99	23.87	13.949	80.468	15.082	2.16	96.00

HEAD ASH %	23.87	CLEAN COAL ASH %	15.08	REFUSE ASH %	60.07
THEO. YIELD	83.09	CLEAN COAL YIELD%	80.47	REFUSE YIELD%	19.53
SG OF SEPARATION	2.219	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	3.402	IMPERFECTION	0.212		
ORGANIC EFFCY.	96.85				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 3 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 60.62 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.32	0.28	0.32	0.28	100.000	0.320	0.280	0.0	0.28
1.25	0.32	0.56	0.64	0.42	100.000	0.640	0.420	0.0	0.56
1.26	0.31	0.83	0.95	0.55	100.000	0.950	0.554	0.0	0.83
1.27	0.31	1.09	1.26	0.69	100.000	1.260	0.686	0.0	1.09
1.28	0.31	1.36	1.57	0.82	100.000	1.570	0.819	0.0	1.36
1.29	0.31	1.62	1.88	0.95	100.000	1.880	0.951	0.0	1.62
1.30	0.30	1.88	2.18	1.08	100.000	2.180	1.079	0.0	1.88
1.31	0.30	2.14	2.48	1.21	100.000	2.480	1.207	0.0	2.14
1.32	0.30	2.42	2.78	1.34	100.000	2.780	1.338	0.0	2.42
1.33	0.30	2.71	3.08	1.47	100.000	3.080	1.472	0.0	2.71
1.34	0.29	2.99	3.37	1.60	100.000	3.370	1.602	0.0	2.99
1.35	0.29	3.28	3.66	1.74	100.000	3.660	1.735	0.0	3.28
1.36	0.29	3.56	3.95	1.87	100.000	3.950	1.869	0.0	3.56
1.37	0.29	3.84	4.24	2.00	100.000	4.240	2.004	0.0	3.84
1.38	0.29	4.12	4.53	2.14	100.000	4.530	2.139	0.0	4.12
1.39	0.28	4.39	4.81	2.27	100.000	4.810	2.270	0.0	4.39
1.40	0.28	4.67	5.09	2.40	100.000	5.090	2.402	0.0	4.67
1.41	2.91	4.77	8.00	3.26	99.950	7.999	3.263	0.01	4.77
1.42	3.31	4.86	11.31	3.73	99.887	11.305	3.730	0.03	4.86
1.43	3.62	4.96	14.93	4.03	99.810	14.918	4.028	0.05	4.96
1.44	3.82	5.05	18.75	4.24	99.722	18.727	4.236	0.07	5.05
1.45	3.92	5.14	22.67	4.39	99.623	22.633	4.392	0.10	5.14
1.46	3.93	6.29	26.60	4.67	99.513	26.543	4.672	0.13	6.29
1.47	3.83	7.43	30.43	5.02	99.394	30.350	5.018	0.16	7.43
1.48	3.63	8.56	34.06	5.40	99.265	33.954	5.394	0.18	8.56
1.49	3.33	9.69	37.39	5.78	99.129	37.254	5.774	0.19	9.69
1.50	2.92	10.80	40.31	6.14	98.985	40.145	6.136	0.20	10.80
1.51	2.70	11.83	43.01	6.50	98.835	42.813	6.491	0.21	11.83
1.52	2.71	12.85	45.72	6.88	98.636	45.486	6.865	0.25	12.85
1.53	2.68	13.87	48.40	7.26	98.409	48.124	7.249	0.29	13.87
1.54	2.62	14.88	51.02	7.66	98.159	50.696	7.636	0.32	14.88
1.55	2.54	15.88	53.56	8.05	97.708	53.177	8.021	0.39	15.88
1.56	2.43	16.76	55.99	8.42	97.373	55.544	8.393	0.43	16.76
1.57	2.28	17.64	58.27	8.78	97.001	57.755	8.747	0.46	17.64
1.58	2.11	18.51	60.38	9.12	96.596	59.793	9.080	0.48	18.51
1.59	1.90	19.37	62.28	9.44	96.164	61.620	9.385	0.49	19.37
1.60	1.67	20.23	63.95	9.72	95.711	63.219	9.659	0.48	20.23
1.61	1.51	21.20	65.46	9.98	95.240	64.657	9.916	0.48	21.20
1.62	1.44	22.16	66.90	10.25	94.758	66.021	10.169	0.51	22.16
1.63	1.36	23.11	68.26	10.50	94.486	67.306	10.416	0.50	23.11
1.64	1.28	24.05	69.54	10.75	93.912	68.509	10.665	0.52	24.05
1.65	1.18	24.99	70.72	10.99	93.278	69.609	10.882	0.53	24.99
1.66	1.08	25.39	71.80	11.21	92.586	70.609	11.087	0.54	25.39
1.67	0.98	25.78	72.78	11.40	91.837	71.509	11.272	0.54	25.78
1.68	0.86	26.17	73.64	11.57	91.034	72.292	11.433	0.52	26.17
1.69	0.74	26.55	74.38	11.72	90.178	72.959	11.572	0.49	26.55
1.70	0.61	26.94	74.99	11.85	89.079	73.503	11.685	0.45	26.94
1.71	0.55	27.37	75.54	11.96	88.106	73.987	11.788	0.44	27.37
1.72	0.54	27.80	76.08	12.07	87.084	74.458	11.889	0.47	27.80

1.73	0.54	28.23	76.62	12.19	86.015	74.922	11.991	0.51	28.23
1.74	0.53	28.66	77.15	12.30	84.903	75.372	12.090	0.54	28.66
1.75	0.51	29.09	77.66	12.41	83.752	75.799	12.186	0.56	29.09
1.76	0.49	29.78	78.15	12.52	82.565	76.204	12.279	0.57	29.78
1.77	0.47	30.47	78.62	12.63	81.345	76.586	12.370	0.59	30.47
1.78	0.44	31.15	79.06	12.73	80.095	76.938	12.456	0.59	31.15
1.79	0.41	31.84	79.47	12.83	78.819	77.262	12.537	0.58	31.84
1.80	0.37	32.51	79.84	12.92	77.520	77.548	12.611	0.56	32.51
1.81	0.35	33.06	80.19	13.01	76.201	77.815	12.681	0.56	33.06
1.82	0.35	33.60	80.54	13.10	74.886	78.077	12.751	0.59	33.60
1.83	0.35	34.13	80.89	13.19	73.618	78.335	12.822	0.62	34.13
1.84	0.35	34.67	81.24	13.28	72.161	78.587	12.892	0.65	34.67
1.85	0.35	35.20	81.59	13.37	70.640	78.835	12.962	0.69	35.20
1.86	0.34	35.87	81.93	13.47	69.067	79.069	13.030	0.71	35.87
1.87	0.34	36.53	82.27	13.56	67.451	79.299	13.098	0.74	36.53
1.88	0.33	37.19	82.60	13.66	65.803	79.516	13.164	0.76	37.19
1.89	0.32	37.85	82.92	13.75	64.136	79.721	13.227	0.77	37.85
1.90	0.31	38.51	83.23	13.84	62.458	79.915	13.288	0.78	38.51
1.91	0.30	38.95	83.53	13.93	60.782	80.097	13.347	0.79	38.95
1.92	0.29	39.39	83.82	14.02	59.118	80.269	13.402	0.80	39.39
1.93	0.28	39.83	84.10	14.11	57.478	80.430	13.455	0.80	39.83
1.94	0.28	40.27	84.38	14.19	55.871	80.586	13.507	0.83	40.27
1.95	0.27	40.70	84.65	14.28	54.309	80.733	13.557	0.83	40.70
1.96	0.27	41.86	84.92	14.37	52.802	80.875	13.607	0.86	41.86
1.97	0.27	43.01	85.19	14.46	51.362	81.014	13.657	0.88	43.01
1.98	0.28	44.15	85.47	14.55	50.000	81.154	13.710	0.94	44.15
1.99	0.29	45.29	85.76	14.66	48.690	81.295	13.764	1.00	45.29
2.00	0.30	46.43	86.06	14.77	47.399	81.437	13.821	1.06	46.43
2.01	0.33	47.23	86.39	14.89	46.130	81.589	13.884	1.19	47.23
2.02	0.39	48.03	86.78	15.04	44.882	81.765	13.957	1.44	48.03
2.03	0.43	48.82	87.21	15.21	43.657	81.952	14.037	1.63	48.82
2.04	0.45	49.61	87.66	15.38	42.455	82.143	14.120	1.74	49.61
2.05	0.46	50.40	88.12	15.57	41.278	82.333	14.203	1.82	50.40
2.06	0.46	51.45	88.58	15.75	40.126	82.518	14.287	1.85	51.45
2.07	0.44	52.50	89.02	15.94	39.001	82.689	14.366	1.80	52.50
2.08	0.41	53.55	89.43	16.11	37.902	82.845	14.439	1.71	53.55
2.09	0.36	54.59	89.79	16.26	36.832	82.977	14.503	1.53	54.59
2.10	0.30	55.63	90.09	16.39	35.790	83.085	14.557	1.29	55.63
2.11	0.0	56.53	90.09	16.39	34.778	83.085	14.557	0.0	56.53
2.12	0.0	57.42	90.09	16.39	33.797	83.085	14.557	0.0	57.42
2.13	0.0	58.31	90.09	16.39	32.847	83.085	14.557	0.0	58.31
2.14	0.0	59.20	90.09	16.39	31.930	83.085	14.557	0.0	59.20
2.15	0.0	60.09	90.09	16.39	31.046	83.085	14.557	0.0	60.09
2.16	0.01	60.09	90.10	16.40	30.196	83.088	14.558	0.05	60.09
2.17	0.04	60.09	90.14	16.42	29.381	83.100	14.565	0.19	60.09
2.18	0.12	60.09	90.26	16.48	28.602	83.134	14.584	0.58	60.09
2.19	0.25	60.09	90.51	16.60	27.860	83.203	14.622	1.21	60.09
2.20	0.42	60.09	90.93	16.80	27.156	83.318	14.684	2.06	60.09
2.21	0.44	60.09	91.37	17.01	26.490	83.434	14.747	2.17	60.09
2.22	0.46	60.09	91.83	17.22	25.863	83.553	14.812	2.29	60.09
2.23	0.47	60.09	92.30	17.44	25.278	83.672	14.876	2.36	60.09
2.24	0.47	60.09	92.77	17.66	24.464	83.787	14.938	2.39	60.09
2.25	0.47	60.09	93.24	17.87	23.945	83.899	14.999	2.40	60.09
2.26	0.04	60.26	93.28	17.89	23.446	83.909	15.004	0.21	60.26
2.27	0.04	60.42	93.32	17.91	22.966	83.918	15.009	0.21	60.42
2.28	0.03	60.58	93.35	17.92	22.507	83.925	15.012	0.16	60.58
2.29	0.03	60.74	93.38	17.93	22.070	83.931	15.016	0.16	60.74
2.30	0.03	60.90	93.41	17.95	21.657	83.938	15.020	0.16	60.90
2.31	0.31	60.91	93.72	18.09	21.267	84.004	15.056	1.64	60.91
2.32	0.31	60.91	94.03	18.23	20.903	84.069	15.091	1.65	60.91
2.33	.31	60.91	94.34	18.37	20.565	84.132	15.126	56	60.91
2.34	.31	60.91	94.65	18.51	20.255	84.195	15.160	56	60.91

2.35	0.31	60.91	94.96	18.65	19.973	84.257	15.193	1.67	60.91
2.36	0.31	60.91	95.27	18.79	19.729	84.318	15.227	1.67	60.91
2.37	0.30	60.92	95.57	18.92	19.458	84.377	15.258	1.62	60.92
2.38	0.30	60.92	95.87	19.05	19.186	84.434	15.289	1.63	60.92
2.39	0.30	60.92	96.17	19.18	18.914	84.491	15.320	1.64	60.92
2.40	0.30	60.92	96.47	19.31	18.643	84.547	15.350	1.64	60.92
2.41	0.30	60.92	96.77	19.44	18.373	84.602	15.380	1.65	60.92
2.42	0.30	60.92	97.07	19.57	18.104	84.656	15.409	1.65	60.92
2.43	0.30	60.93	97.37	19.69	17.837	84.710	15.438	1.66	60.93
2.44	0.30	60.93	97.67	19.82	17.573	84.762	15.466	1.66	60.93
2.45	0.29	60.93	97.96	19.94	17.311	84.813	15.493	1.61	60.93
2.46	0.14	63.33	98.10	20.00	17.052	84.837	15.506	0.78	63.33
2.47	0.14	65.73	98.24	20.07	16.797	84.860	15.520	0.78	65.73
2.48	0.14	68.11	98.38	20.14	16.545	84.883	15.535	0.79	68.11
2.49	0.14	70.49	98.52	20.21	16.299	84.906	15.550	0.79	70.49
2.50	0.14	72.85	98.66	20.28	16.057	84.928	15.565	0.79	72.85
2.51	0.14	75.21	98.80	20.36	15.821	84.951	15.580	0.79	75.21
2.52	0.13	77.55	98.93	20.44	15.590	84.971	15.595	0.74	77.55
2.53	0.13	79.89	99.06	20.52	15.366	84.991	15.610	0.74	79.89
2.54	0.13	82.22	99.19	20.60	15.148	85.011	15.626	0.74	82.22
2.55	0.13	84.54	99.32	20.68	14.938	85.030	15.641	0.74	84.54
2.56	0.13	86.85	99.45	20.77	14.791	85.049	15.657	0.74	86.85
2.57	0.13	89.15	99.58	20.86	14.581	85.068	15.674	0.75	89.15
2.58	0.13	91.44	99.71	20.95	14.370	85.087	15.690	0.75	91.44
2.59	0.13	93.73	99.84	21.04	14.160	85.105	15.707	0.75	93.73
2.60	0.13	96.00	99.97	21.14	13.949	85.123	15.724	0.75	96.00

HEAD ASH %	21.14	CLEAN COAL ASH %	15.72	REFUSE ASH %	52.13
THEO. YIELD	88.51	CLEAN COAL YIELD%	85.12	REFUSE YIELD%	14.88
SG OF SEPARATION	2.058	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	5.220	IMPERFECTION	0.212		
ORGANIC EFFCY.	96.18				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 5 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 71.79 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	1.01	0.30	1.01	0.30	100.000	1.010	0.300	0.0	0.30
1.25	1.00	0.59	2.01	0.44	100.000	2.010	0.444	0.0	0.59
1.26	0.99	0.87	3.00	0.58	100.000	3.000	0.585	0.0	0.87
1.27	0.98	1.16	3.98	0.73	100.000	3.980	0.726	0.0	1.16
1.28	0.98	1.44	4.96	0.87	100.000	4.960	0.867	0.0	1.44
1.29	0.97	1.72	5.93	1.01	100.000	5.930	1.007	0.0	1.72
1.30	0.96	1.99	6.89	1.14	100.000	6.890	1.144	0.0	1.99
1.31	0.95	2.27	7.84	1.28	100.000	7.840	1.280	0.0	2.27
1.32	0.95	2.53	8.79	1.42	100.000	8.790	1.415	0.0	2.53
1.33	0.94	2.80	9.73	1.55	100.000	9.730	1.549	0.0	2.80
1.34	0.93	3.06	10.66	1.68	100.000	10.660	1.681	0.0	3.06
1.35	0.93	3.31	11.59	1.81	100.000	11.590	1.812	0.0	3.31
1.36	0.92	3.57	12.51	1.94	100.000	12.510	1.941	0.0	3.57
1.37	0.91	3.82	13.42	2.07	100.000	13.420	2.068	0.0	3.82
1.38	0.91	4.07	14.33	2.20	100.000	14.330	2.195	0.0	4.07
1.39	0.90	4.32	15.23	2.32	100.000	15.230	2.321	0.0	4.32
1.40	0.89	4.57	16.12	2.45	100.000	16.120	2.445	0.0	4.57
1.41	3.10	4.91	19.22	2.84	99.950	19.218	2.843	0.02	4.91
1.42	3.66	5.25	22.88	3.23	99.887	22.874	3.227	0.04	5.25
1.43	4.07	5.58	26.95	3.58	99.810	26.937	3.582	0.08	5.58
1.44	4.34	5.92	31.29	3.91	99.722	31.265	3.906	0.13	5.92
1.45	4.47	6.25	35.76	4.20	99.623	35.718	4.198	0.18	6.25
1.46	4.45	7.55	40.21	4.57	99.513	40.146	4.568	0.23	7.55
1.47	4.30	8.85	44.51	4.98	99.394	44.420	4.980	0.27	8.85
1.48	4.00	10.14	48.51	5.41	99.265	48.391	5.403	0.31	10.14
1.49	3.56	11.42	52.07	5.82	99.129	51.920	5.812	0.33	11.42
1.50	2.98	12.69	55.05	6.19	98.985	54.869	6.182	0.32	12.69
1.51	2.63	13.77	57.68	6.54	98.835	57.469	6.525	0.32	13.77
1.52	2.59	14.84	60.27	6.89	98.636	60.023	6.879	0.37	14.84
1.53	2.52	15.90	62.79	7.26	98.409	62.503	7.237	0.42	15.90
1.54	2.42	16.96	65.21	7.62	98.159	64.879	7.593	0.47	16.96
1.55	2.30	18.01	67.51	7.97	97.708	67.126	7.942	0.55	18.01
1.56	2.14	18.98	69.65	8.31	97.373	69.210	8.274	0.59	18.98
1.57	1.95	19.95	71.60	8.63	97.001	71.101	8.585	0.61	19.95
1.58	1.74	20.91	73.34	8.92	96.596	72.782	8.869	0.62	20.91
1.59	1.49	21.86	74.83	9.17	96.164	74.215	9.120	0.60	21.86
1.60	1.22	22.81	76.05	9.39	95.711	75.383	9.332	0.55	22.81
1.61	1.06	23.94	77.11	9.59	95.240	76.392	9.525	0.53	23.94
1.62	1.03	25.07	78.14	9.80	94.758	77.368	9.721	0.57	25.07
1.63	1.00	26.19	79.14	10.00	94.486	78.313	9.920	0.58	26.19
1.64	0.95	27.30	80.09	10.21	93.912	79.205	10.116	0.61	27.30
1.65	0.89	28.41	80.98	10.41	93.278	80.035	10.306	0.63	28.41
1.66	0.82	29.09	81.80	10.60	92.586	80.794	10.482	0.64	29.09
1.67	0.74	29.76	82.54	10.77	91.837	81.474	10.643	0.63	29.76
1.68	0.66	30.42	83.20	10.92	91.034	82.075	10.788	0.62	30.42
1.69	0.56	31.09	83.76	11.06	90.178	82.580	10.912	0.58	31.09
1.70	0.45	31.74	84.21	11.17	89.079	82.981	11.012	0.52	31.74
1.71	.40	32.35	84.61	11.27	88.106	83.333	11.103	0	32.35
1.72	.40	32.95	85.01	11.37	87.084	83.682	11.194	.04	32.95

1.73	0.39	33.55	85.40	11.47	86.015	84.017	11.283	0.57	33.55
1.74	0.39	34.14	85.79	11.58	84.903	84.348	11.373	0.62	34.14
1.75	0.38	34.73	86.17	11.68	83.752	84.666	11.460	0.65	34.73
1.76	0.37	35.43	86.54	11.78	82.565	84.972	11.547	0.68	35.43
1.77	0.35	36.12	86.89	11.88	81.345	85.257	11.629	0.69	36.12
1.78	0.34	36.80	87.23	11.98	80.095	85.529	11.709	0.71	36.80
1.79	0.32	37.49	87.55	12.07	78.819	85.781	11.785	0.71	37.49
1.80	0.30	38.17	87.85	12.16	77.520	86.014	11.856	0.71	38.17
1.81	0.29	38.82	88.14	12.25	76.201	86.235	11.925	0.73	38.82
1.82	0.29	39.47	88.43	12.33	74.866	86.452	11.994	0.77	39.47
1.83	0.29	40.11	88.72	12.43	73.618	86.665	12.063	0.80	40.11
1.84	0.29	40.75	89.01	12.52	72.161	86.875	12.133	0.85	40.75
1.85	0.28	41.39	89.29	12.61	70.640	87.072	12.199	0.86	41.39
1.86	0.27	41.74	89.56	12.70	69.067	87.259	12.262	0.88	41.74
1.87	0.26	42.08	89.82	12.78	67.451	87.434	12.322	0.89	42.08
1.88	0.24	42.42	90.06	12.86	65.803	87.592	12.376	0.86	42.42
1.89	0.22	42.77	90.28	12.93	64.136	87.733	12.425	0.83	42.77
1.90	0.20	43.11	90.48	13.00	62.458	87.858	12.469	0.79	43.11
1.91	0.22	43.11	90.70	13.07	60.782	87.992	12.515	0.91	43.11
1.92	0.18	43.11	90.88	13.13	59.118	88.098	12.552	0.77	43.11
1.93	0.15	43.11	91.03	13.18	57.478	88.184	12.582	0.67	43.11
1.94	0.13	43.11	91.16	13.22	55.871	88.257	12.607	0.60	43.11
1.95	0.12	43.11	91.28	13.26	54.309	88.322	12.630	0.59	43.11
1.96	0.06	44.90	91.34	13.28	52.802	88.354	12.641	0.30	44.90
1.97	0.06	46.68	91.40	13.31	51.362	88.385	12.653	0.31	46.68
1.98	0.07	48.46	91.47	13.33	50.000	88.420	12.667	0.37	48.46
1.99	0.08	50.22	91.55	13.37	48.690	88.459	12.684	0.43	50.22
2.00	0.10	51.97	91.65	13.41	47.399	88.506	12.705	0.55	51.97
2.01	0.03	53.22	91.68	13.42	46.130	88.520	12.711	0.17	53.22
2.02	0.04	54.46	91.72	13.44	44.882	88.538	12.720	0.23	54.46
2.03	0.05	55.69	91.77	13.46	43.657	88.560	12.730	0.30	55.69
2.04	0.05	56.92	91.82	13.49	42.455	88.581	12.741	0.30	56.92
2.05	0.05	58.14	91.87	13.51	41.278	88.602	12.751	0.31	58.14
2.06	0.50	58.14	92.37	13.75	40.126	88.802	12.854	3.15	58.14
2.07	0.46	58.14	92.83	13.97	39.001	88.982	12.945	2.95	58.14
2.08	0.39	58.14	93.22	14.16	37.902	89.129	13.020	2.55	58.14
2.09	0.30	58.14	93.52	14.30	36.832	89.240	13.076	1.99	58.14
2.10	0.19	58.15	93.71	14.39	35.790	89.308	13.110	1.28	58.15
2.11	0.05	58.17	93.76	14.41	34.778	89.325	13.119	0.34	58.17
2.12	0.05	58.20	93.81	14.43	33.797	89.342	13.128	0.35	58.20
2.13	0.04	58.22	93.85	14.45	32.847	89.355	13.134	0.28	58.22
2.14	0.03	58.25	93.88	14.47	31.930	89.365	13.139	0.21	58.25
2.15	0.03	58.27	93.91	14.48	31.046	89.374	13.144	0.22	58.27
2.16	0.03	58.35	93.94	14.49	30.196	89.383	13.148	0.22	58.35
2.17	0.03	58.42	93.97	14.51	29.381	89.392	13.153	0.22	58.42
2.18	0.03	58.49	94.00	14.52	28.602	89.401	13.157	0.23	58.49
2.19	0.03	58.57	94.03	14.54	27.860	89.409	13.162	0.23	58.57
2.20	0.04	58.64	94.07	14.55	27.156	89.420	13.167	0.31	58.64
2.21	0.06	58.64	94.13	14.58	26.490	89.436	13.175	0.46	58.64
2.22	0.06	58.64	94.19	14.61	25.863	89.451	13.183	0.47	58.64
2.23	0.06	58.64	94.25	14.64	25.278	89.467	13.191	0.47	58.64
2.24	0.07	58.64	94.32	14.67	24.464	89.484	13.199	0.56	58.64
2.25	0.07	58.64	94.39	14.70	23.945	89.500	13.208	0.56	58.64
2.26	0.03	58.98	94.42	14.72	23.446	89.507	13.212	0.24	58.98
2.27	0.04	59.32	94.46	14.74	22.966	89.517	13.216	0.32	59.32
2.28	0.04	59.65	94.50	14.76	22.507	89.526	13.221	0.33	59.65
2.29	0.04	59.98	94.54	14.77	22.070	89.534	13.226	0.33	59.98
2.30	0.04	60.32	94.58	14.79	21.657	89.543	13.230	0.33	60.32
2.31	0.19	60.64	94.77	14.89	21.267	89.584	13.251	1.57	60.64
2.32	0.19	60.97	94.96	14.98	20.903	89.623	13.273	1.58	60.97
2.33	0.19	61.29	95.15	15.07	20.565	89.662	13.294	1.59	61.29
2.34	0.19	61.61	95.34	15.16	20.255	89.701	13.314	1.59	61.61

2.35	0.19	61.93	95.53	15.26	19.973	89.739	13.335	1.60	61.93
2.36	0.19	62.25	95.72	15.35	19.729	89.776	13.355	1.60	62.25
2.37	0.19	62.57	95.91	15.44	19.458	89.813	13.376	1.61	62.57
2.38	0.19	62.86	96.10	15.54	19.186	89.850	13.396	1.61	62.86
2.39	0.19	63.20	96.29	15.63	18.914	89.886	13.416	1.62	63.20
2.40	0.18	63.51	96.47	15.72	18.643	89.919	13.434	1.54	63.51
2.41	0.18	63.82	96.65	15.81	18.373	89.952	13.453	1.54	63.82
2.42	0.18	64.13	96.83	15.90	18.104	89.985	13.471	1.55	64.13
2.43	0.18	64.44	97.01	15.99	17.837	90.017	13.489	1.55	64.44
2.44	0.18	64.75	97.19	16.08	17.573	90.049	13.507	1.56	64.75
2.45	0.18	65.05	97.37	16.17	17.311	90.080	13.525	1.56	65.05
2.46	0.18	67.18	97.55	16.26	17.052	90.110	13.543	1.57	67.18
2.47	0.18	69.29	97.73	16.36	16.797	90.141	13.562	1.57	69.29
2.48	0.18	71.39	97.91	16.46	16.545	90.170	13.581	1.58	71.39
2.49	0.18	73.49	98.09	16.57	16.299	90.200	13.601	1.58	73.49
2.50	0.18	75.58	98.27	16.68	16.057	90.229	13.621	1.59	75.58
2.51	0.18	77.65	98.45	16.79	15.821	90.257	13.641	1.59	77.65
2.52	0.18	79.72	98.63	16.90	15.590	90.285	13.661	1.60	79.72
2.53	0.17	81.79	98.80	17.01	15.366	90.311	13.681	1.51	81.79
2.54	0.17	83.84	98.97	17.13	15.148	90.337	13.701	1.52	83.84
2.55	0.17	85.89	99.14	17.25	14.938	90.362	13.721	1.52	85.89
2.56	0.17	87.93	99.31	17.37	14.791	90.388	13.742	1.52	87.93
2.57	0.17	89.96	99.48	17.49	14.581	90.412	13.763	1.53	89.96
2.58	0.17	91.98	99.65	17.62	14.370	90.437	13.784	1.59	91.98
2.59	0.17	93.99	99.82	17.75	14.160	90.461	13.805	1.53	93.99
2.60	0.17	96.00	99.99	17.88	13.949	90.485	13.827	1.54	96.00

HEAD ASH %	17.88	CLEAN COAL ASH %	13.83	REFUSE ASH %	56.44
THEO. YIELD	92.53	CLEAN COAL YIELD%	90.48	REFUSE YIELD%	9.52
SG OF SEPARATION	2.063	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	2.590	IMPERFECTION	0.212		
ORGANIC EFFCY.	97.79				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 6 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 82.91 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.30	0.39	0.30	0.39	100.000	0.300	0.390	0.0	0.39
1.25	0.30	0.77	0.60	0.58	100.000	0.600	0.580	0.0	0.77
1.26	0.29	1.15	0.89	0.77	100.000	0.890	0.766	0.0	1.15
1.27	0.29	1.52	1.18	0.95	100.000	1.180	0.951	0.0	1.52
1.28	0.29	1.90	1.47	1.14	100.000	1.470	1.138	0.0	1.90
1.29	0.29	2.26	1.76	1.32	100.000	1.760	1.323	0.0	2.26
1.30	0.29	2.63	2.05	1.51	100.000	2.050	1.508	0.0	2.63
1.31	0.28	2.99	2.33	1.69	100.000	2.330	1.686	0.0	2.99
1.32	0.28	3.36	2.61	1.87	100.000	2.610	1.866	0.0	3.36
1.33	0.28	3.74	2.89	2.05	100.000	2.890	2.047	0.0	3.74
1.34	0.28	4.11	3.17	2.23	100.000	3.170	2.229	0.0	4.11
1.35	0.27	4.48	3.44	2.41	100.000	3.440	2.406	0.0	4.48
1.36	0.27	4.85	3.71	2.58	100.000	3.710	2.584	0.0	4.85
1.37	0.27	5.21	3.98	2.76	100.000	3.980	2.762	0.0	5.21
1.38	0.27	5.57	4.25	2.94	100.000	4.250	2.941	0.0	5.57
1.39	0.27	5.93	4.52	3.12	100.000	4.520	3.119	0.0	5.93
1.40	0.26	6.29	4.78	3.29	100.000	4.780	3.292	0.0	6.29
1.41	1.32	6.48	6.10	3.98	99.950	6.099	3.981	0.00	6.48
1.42	1.34	6.66	7.44	4.46	99.887	7.438	4.463	0.01	6.66
1.43	1.37	6.85	8.81	4.83	99.810	8.805	4.834	0.01	6.85
1.44	1.39	7.03	10.20	5.13	99.722	10.191	5.133	0.01	7.03
1.45	1.42	7.21	11.62	5.39	99.623	11.606	5.386	0.02	7.21
1.46	1.45	8.42	13.07	5.72	99.513	13.049	5.721	0.02	8.42
1.47	1.48	9.63	14.55	6.12	99.394	14.520	6.117	0.03	9.63
1.48	1.51	10.82	16.06	6.56	99.265	16.019	6.557	0.04	10.82
1.49	1.54	12.01	17.60	7.04	99.129	17.545	7.032	0.04	12.01
1.50	1.57	13.19	19.17	7.54	98.985	19.100	7.533	0.05	13.19
1.51	1.59	13.99	20.76	8.04	98.835	20.671	8.024	0.06	13.99
1.52	1.59	14.78	22.35	8.52	98.636	22.239	8.500	0.07	14.78
1.53	1.59	15.57	23.94	8.99	98.409	23.804	8.965	0.08	15.57
1.54	1.59	16.36	25.53	9.44	98.159	25.365	9.420	0.10	16.36
1.55	1.59	17.14	27.12	9.90	97.708	26.918	9.866	0.12	17.14
1.56	1.59	18.30	28.71	10.36	97.373	28.467	10.324	0.14	18.30
1.57	1.59	19.46	30.30	10.84	97.001	30.009	10.794	0.16	19.46
1.58	1.59	20.61	31.89	11.33	96.596	31.545	11.272	0.18	20.61
1.59	1.59	21.75	33.48	11.82	96.164	33.074	11.756	0.20	21.75
1.60	1.58	22.89	35.06	12.32	95.711	34.586	12.243	0.22	22.89
1.61	1.61	23.81	36.67	12.82	95.240	36.119	12.734	0.25	23.81
1.62	1.65	24.72	38.32	13.34	94.758	37.683	13.231	0.29	24.72
1.63	1.67	25.63	39.99	13.85	94.486	39.261	13.730	0.30	25.63
1.64	1.67	26.54	41.66	14.36	93.912	40.829	14.222	0.34	26.54
1.65	1.65	27.43	43.31	14.86	93.278	42.368	14.702	0.37	27.43
1.66	1.62	28.19	44.93	15.34	92.586	43.868	15.163	0.40	28.19
1.67	1.57	28.94	46.50	15.80	91.837	45.310	15.601	0.42	28.94
1.68	1.51	29.69	48.01	16.23	91.034	46.685	16.016	0.45	29.69
1.69	1.42	30.44	49.43	16.64	90.178	47.965	16.401	0.46	30.44
1.70	1.32	31.18	50.75	17.02	89.079	49.141	16.755	0.48	31.18
1.71	1.17	31.81	51.92	17.35	88.106	50.172	17.064	0.46	31.81
1.72	1.00	32.43	52.92	17.64	87.084	51.043	17.326	0.43	32.43

1.73	0.87	33.03	53.79	17.89	86.015	51.791	17.553	0.40	33.03
1.74	0.76	33.64	54.55	18.11	84.903	52.436	17.751	0.38	33.64
1.75	0.68	34.25	55.23	18.31	83.752	53.006	17.928	0.37	34.25
1.76	0.64	34.86	55.87	18.49	82.565	53.534	18.095	0.37	34.86
1.77	0.62	35.48	56.49	18.68	81.345	54.038	18.258	0.38	35.48
1.78	0.64	36.09	57.13	18.88	80.095	54.551	18.425	0.42	36.09
1.79	0.68	36.70	57.81	19.09	78.819	55.087	18.603	0.48	36.70
1.80	0.75	37.31	58.56	19.32	77.520	55.668	18.798	0.56	37.31
1.81	0.82	37.85	59.38	19.58	76.201	56.293	19.010	0.65	37.85
1.82	0.84	38.36	60.22	19.84	74.866	56.922	19.224	0.70	38.36
1.83	0.86	38.91	61.08	20.11	73.618	57.555	19.440	0.75	38.91
1.84	0.87	39.44	61.95	20.38	72.161	58.183	19.656	0.80	39.44
1.85	0.86	39.96	62.81	20.65	70.640	58.791	19.866	0.84	39.96
1.86	0.85	40.67	63.66	20.91	69.067	59.378	20.072	0.87	40.67
1.87	0.82	41.39	64.48	21.17	67.451	59.931	20.268	0.88	41.39
1.88	0.78	42.09	65.26	21.42	65.803	60.444	20.454	0.88	42.09
1.89	0.74	42.80	66.00	21.66	64.136	60.919	20.628	0.88	42.80
1.90	0.68	43.50	66.68	21.89	62.458	61.343	20.786	0.84	43.50
1.91	0.60	44.19	67.28	22.08	60.782	61.708	20.925	0.78	44.19
1.92	0.50	44.87	67.78	22.25	59.118	62.004	21.039	0.68	44.87
1.93	0.42	45.55	68.20	22.40	57.478	62.245	21.134	0.59	45.55
1.94	0.36	46.23	68.56	22.52	55.871	62.446	21.215	0.53	46.23
1.95	0.32	46.91	68.88	22.63	54.309	62.620	21.286	0.48	46.91
1.96	0.29	47.38	69.17	22.74	52.802	62.773	21.350	0.45	47.38
1.97	0.29	47.84	69.46	22.84	51.362	62.922	21.412	0.47	47.84
1.98	0.30	48.30	69.76	22.95	50.000	63.072	21.476	0.50	48.30
1.99	0.33	48.76	70.09	23.07	48.690	63.233	21.546	0.56	48.76
2.00	0.38	49.22	70.47	23.22	47.399	63.413	21.624	0.66	49.22
2.01	0.43	49.73	70.90	23.38	46.130	63.611	21.712	0.77	49.73
2.02	0.47	50.23	71.37	23.55	44.882	63.822	21.806	0.86	50.23
2.03	0.50	50.73	71.87	23.74	43.657	64.040	21.905	0.93	50.73
2.04	0.50	51.22	72.37	23.93	42.455	64.253	22.002	0.95	51.22
2.05	0.50	51.72	72.87	24.12	41.278	64.459	22.097	0.97	51.72
2.06	0.48	51.81	73.35	24.30	40.126	64.652	22.185	0.95	51.81
2.07	0.44	51.90	73.79	24.47	39.001	64.823	22.264	0.89	51.90
2.08	0.39	51.98	74.18	24.61	37.902	64.971	22.331	0.80	51.98
2.09	0.32	52.07	74.50	24.73	36.832	65.089	22.385	0.67	52.07
2.10	0.24	52.16	74.74	24.82	35.790	65.175	22.425	0.51	52.16
2.11	0.18	52.18	74.92	24.88	34.778	65.237	22.453	0.39	52.18
2.12	0.14	52.20	75.06	24.94	33.797	65.285	22.475	0.31	52.20
2.13	0.10	52.22	75.16	24.97	32.847	65.318	22.490	0.22	52.22
2.14	0.08	52.24	75.24	25.00	31.930	65.343	22.501	0.18	52.24
2.15	0.06	52.26	75.30	25.02	31.046	65.362	22.510	0.14	52.26
2.16	0.05	53.10	75.35	25.04	30.196	65.377	22.517	0.12	53.10
2.17	0.05	53.93	75.40	25.06	29.381	65.392	22.524	0.12	53.93
2.18	0.05	54.76	75.45	25.08	28.602	65.406	22.531	0.12	54.76
2.19	0.06	55.58	75.51	25.10	27.860	65.423	22.539	0.14	55.58
2.20	0.08	56.40	75.59	25.14	27.156	65.444	22.551	0.19	56.40
2.21	0.10	56.92	75.69	25.18	26.490	65.471	22.565	0.24	56.92
2.22	0.10	57.43	75.79	25.22	25.863	65.497	22.578	0.25	57.43
2.23	0.10	57.95	75.89	25.26	25.278	65.522	22.592	0.25	57.95
2.24	0.10	58.46	75.99	25.31	24.464	65.546	22.605	0.25	58.46
2.25	0.11	58.97	76.10	25.36	23.945	65.573	22.620	0.28	58.97
2.26	0.11	60.47	76.21	25.41	23.446	65.599	22.635	0.28	60.47
2.27	0.11	61.96	76.32	25.46	22.966	65.624	22.650	0.28	61.96
2.28	0.12	63.44	76.44	25.52	22.507	65.651	22.667	0.31	63.44
2.29	0.12	64.92	76.56	25.58	22.070	65.677	22.684	0.31	64.92
2.30	0.13	66.39	76.69	25.65	21.657	65.705	22.703	0.34	66.39
2.31	0.83	67.63	77.52	26.10	21.267	65.882	22.823	2.16	67.63
2.32	0.82	68.86	78.34	26.55	20.903	66.053	22.942	2.15	68.86
2.33	0.82	70.08	79.16	27.00	20.565	66.222	23.062	5	70.08
2.34	0.82	71.30	79.98	27.45	20.255	66.388	23.183	6	71.30

2.35	81	72.52	80.79	27.91	19.973	66.550	23.303	.4	72.52
2.36	0.81	73.73	81.60	28.36	19.729	66.710	23.424	2.15	73.73
2.37	0.80	74.93	82.40	28.81	19.458	66.865	23.544	2.13	74.93
2.38	0.80	76.13	83.20	29.27	19.186	67.019	23.664	2.14	76.13
2.39	0.80	77.33	84.00	29.72	18.914	67.170	23.785	2.15	77.33
2.40	0.79	78.52	84.79	30.18	18.643	67.317	23.905	2.13	78.52
2.41	0.79	79.70	85.58	30.64	18.373	67.463	24.025	2.13	79.70
2.42	0.79	80.88	86.37	31.10	18.104	67.606	24.145	2.14	80.88
2.43	0.79	82.06	87.16	31.56	17.837	67.746	24.266	2.15	82.06
2.44	0.78	83.23	87.94	32.02	17.573	67.884	24.385	2.13	83.23
2.45	0.78	84.40	88.72	32.48	17.311	68.019	24.504	2.13	84.40
2.46	0.78	85.19	89.50	32.94	17.052	68.152	24.622	2.14	85.19
2.47	0.77	85.98	90.27	33.39	16.797	68.281	24.739	2.12	85.98
2.48	0.77	86.77	91.04	33.84	16.545	68.408	24.854	2.13	86.77
2.49	0.77	87.56	91.81	34.29	16.299	68.534	24.969	2.13	87.56
2.50	0.76	88.34	92.57	34.73	16.057	68.656	25.082	2.11	88.34
2.51	0.76	89.12	93.33	35.18	15.821	68.776	25.194	2.12	89.12
2.52	0.76	89.90	94.09	35.62	15.590	68.895	25.305	2.12	89.90
2.53	0.75	90.67	94.84	36.05	15.366	69.010	25.414	2.10	90.67
2.54	0.75	91.44	95.59	36.49	15.148	69.123	25.522	2.10	91.44
2.55	0.75	92.21	96.34	36.92	14.938	69.235	25.630	2.11	92.21
2.56	0.75	92.97	97.09	37.36	14.791	69.346	25.738	2.11	92.97
2.57	0.74	93.73	97.83	37.78	14.581	69.454	25.844	2.09	93.73
2.58	0.74	94.49	98.57	38.21	14.370	69.561	25.949	2.10	94.49
2.59	0.74	95.25	99.31	38.63	14.160	69.665	26.053	2.10	95.25
2.60	0.73	96.00	100.04	39.05	13.949	69.767	26.155	2.08	96.00

		CLEAN COAL ASH %	26.16	REFUSE ASH %	68.81	
HEAD ASH %	39.05	CLEAN COAL YIELD%	69.77	REFUSE YIELD%	30.23	
THEO. YIELD	77.62	ECART PROB. MOYEN	0.2076			
SG OF SEPARATION	2.311	IMPERFECTION	0.212			
NEAR GRAVITY MAT	9.974					
ORGANIC EFFCY.	89.88					

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION RDUTE

KPN HC DDH82001 SID: 7 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 77.03 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.26	0.51	0.26	0.51	100.000	0.260	0.510	0.0	0.51
1.25	0.25	1.00	0.51	0.75	100.000	0.510	0.750	0.0	1.00
1.26	0.25	1.49	0.76	0.99	100.000	0.760	0.994	0.0	1.49
1.27	0.25	1.98	1.01	1.24	100.000	1.010	1.238	0.0	1.98
1.28	0.25	2.46	1.26	1.48	100.000	1.260	1.480	0.0	2.46
1.29	0.25	2.94	1.51	1.72	100.000	1.510	1.722	0.0	2.94
1.30	0.24	3.42	1.75	1.95	100.000	1.750	1.955	0.0	3.42
1.31	0.24	3.89	1.99	2.19	100.000	1.990	2.188	0.0	3.89
1.32	0.24	4.25	2.23	2.41	100.000	2.230	2.410	0.0	4.25
1.33	0.24	4.50	2.47	2.61	100.000	2.470	2.613	0.0	4.50
1.34	0.24	4.75	2.71	2.80	100.000	2.710	2.802	0.0	4.75
1.35	0.23	4.99	2.94	2.97	100.000	2.940	2.974	0.0	4.99
1.36	0.23	5.24	3.17	3.14	100.000	3.170	3.138	0.0	5.24
1.37	0.23	5.48	3.40	3.30	100.000	3.400	3.296	0.0	5.48
1.38	0.23	5.72	3.63	3.45	100.000	3.630	3.450	0.0	5.72
1.39	0.23	5.96	3.86	3.60	100.000	3.860	3.600	0.0	5.96
1.40	0.23	6.20	4.09	3.75	100.000	4.090	3.746	0.0	6.20
1.41	2.70	6.31	6.79	4.77	99.950	6.789	4.765	0.01	6.31
1.42	3.15	6.41	9.94	5.29	99.887	9.935	5.286	0.01	6.41
1.43	3.50	6.52	13.44	5.61	99.810	13.428	5.607	0.03	6.52
1.44	3.73	6.63	17.17	5.83	99.722	17.148	5.829	0.04	6.63
1.45	3.84	6.73	21.01	6.99	99.623	20.974	5.993	0.06	6.73
1.46	3.84	7.58	24.85	6.24	99.513	24.795	6.238	0.08	7.58
1.47	3.72	8.42	28.57	6.52	99.394	28.492	6.521	0.09	8.42
1.48	3.49	9.26	32.06	6.82	99.265	31.957	6.818	0.11	9.26
1.49	3.15	10.09	35.21	7.11	99.129	35.079	7.109	0.11	10.09
1.50	2.69	10.92	37.90	7.38	98.985	37.742	7.378	0.11	10.92
1.51	2.44	11.73	40.34	7.65	98.835	40.154	7.639	0.12	11.73
1.52	2.44	12.53	42.78	7.93	98.686	42.560	7.916	0.14	12.53
1.53	2.41	13.33	45.19	8.21	98.409	44.932	8.202	0.16	13.33
1.54	2.35	14.13	47.54	8.51	98.159	47.239	8.491	0.18	14.13
1.55	2.24	14.92	49.78	8.79	97.708	49.427	8.776	0.21	14.92
1.56	2.10	16.23	51.88	9.10	97.373	51.472	9.072	0.23	16.23
1.57	1.92	17.53	53.80	9.40	97.001	53.335	9.367	0.24	17.53
1.58	1.70	18.83	55.50	9.69	96.596	54.977	9.650	0.24	18.83
1.59	1.44	20.11	56.94	9.95	96.164	56.361	9.907	0.23	20.11
1.60	1.14	21.39	58.08	10.17	95.711	57.453	10.125	0.20	21.39
1.61	0.96	22.74	59.04	10.38	95.240	58.367	10.323	0.19	22.74
1.62	0.92	24.09	59.96	10.59	94.758	59.239	10.525	0.20	24.09
1.63	0.87	25.42	60.83	10.80	94.486	60.061	10.729	0.20	25.42
1.64	0.82	26.75	61.65	11.01	93.912	60.831	10.932	0.21	26.75
1.65	0.76	28.07	62.41	11.22	93.278	61.540	11.129	0.21	28.07
1.66	0.70	28.63	63.11	11.41	92.586	62.188	11.312	0.21	28.63
1.67	0.63	29.19	63.74	11.59	91.837	62.766	11.477	0.21	29.19
1.68	0.56	29.74	64.30	11.75	91.034	63.276	11.624	0.21	29.74
1.69	0.48	30.29	64.78	11.88	90.178	63.709	11.751	0.19	30.29
1.70	0.40	30.84	65.18	12.00	89.079	64.065	11.857	0.18	30.84
1.71	0.35	31.46	65.53	12.10	88.106	64.374	11.951	0.17	31.46
1.72	0.35	32.07	65.88	12.21	87.084	64.678	12.045	0.19	32.07

1.73	0.35	32.68	66.23	12.32	86.015	64.980	12.141	0.20	32.68
1.74	0.35	33.28	66.58	12.43	84.903	65.277	12.237	0.22	33.28
1.75	0.35	33.89	66.93	12.54	83.752	65.570	12.334	0.23	33.89
1.76	0.35	34.74	67.28	12.66	82.565	65.859	12.432	0.25	34.74
1.77	0.35	35.58	67.63	12.78	81.345	66.143	12.532	0.27	35.58
1.78	0.35	36.43	67.98	12.90	80.095	66.424	12.633	0.29	36.43
1.79	0.34	37.26	68.32	13.02	78.819	66.692	12.732	0.30	37.26
1.80	0.34	38.10	68.66	13.14	77.520	66.955	12.832	0.31	38.10
1.81	0.34	38.77	69.00	13.27	76.201	67.214	12.932	0.33	38.77
1.82	0.34	39.44	69.34	13.40	74.866	67.469	13.032	0.35	39.44
1.83	0.34	40.10	69.68	13.53	73.518	67.719	13.132	0.37	40.10
1.84	0.34	40.76	70.02	13.66	72.161	67.965	13.232	0.39	40.76
1.85	0.34	41.42	70.36	13.79	70.640	68.205	13.331	0.41	41.42
1.86	0.34	41.97	70.70	13.93	69.067	68.440	13.429	0.43	41.97
1.87	0.34	42.52	71.04	14.07	67.451	68.669	13.526	0.46	42.52
1.88	0.33	43.06	71.37	14.20	65.803	68.886	13.619	0.47	43.06
1.89	0.33	43.60	71.70	14.34	64.136	69.099	13.711	0.49	43.60
1.90	0.32	44.14	72.02	14.47	62.458	69.298	13.799	0.50	44.14
1.91	0.29	44.55	72.31	14.59	60.782	69.474	13.877	0.47	44.55
1.92	0.25	44.96	72.56	14.69	59.118	69.622	13.943	0.42	44.96
1.93	0.21	45.37	72.77	14.78	57.478	69.742	13.997	0.37	45.37
1.94	0.19	45.77	72.96	14.86	55.871	69.849	14.046	0.35	45.77
1.95	0.17	46.18	73.13	14.94	54.309	69.941	14.088	0.32	46.18
1.96	0.16	46.98	73.29	15.01	52.802	70.025	14.128	0.31	46.98
1.97	0.16	47.78	73.45	15.08	51.362	70.108	14.167	0.32	47.78
1.98	0.17	48.58	73.62	15.15	50.000	70.193	14.209	0.35	48.58
1.99	0.18	49.37	73.80	15.24	48.690	70.280	14.253	0.38	49.37
2.00	0.21	50.15	74.01	15.34	47.399	70.380	14.303	0.46	50.15
2.01	0.24	50.76	74.25	15.45	46.130	70.490	14.361	0.53	50.76
2.02	0.27	51.36	74.52	15.58	44.882	70.612	14.424	0.61	51.36
2.03	0.29	51.95	74.81	15.72	43.657	70.738	14.491	0.67	51.95
2.04	0.30	52.54	75.11	15.87	42.455	70.866	14.560	0.71	52.54
2.05	0.30	53.14	75.41	16.02	41.278	70.989	14.627	0.73	53.14
2.06	0.30	53.90	75.71	16.17	40.126	71.110	14.693	0.74	53.90
2.07	0.29	54.66	76.00	16.31	39.001	71.223	14.757	0.73	54.66
2.08	0.27	55.41	76.27	16.45	37.902	71.325	14.815	0.69	55.41
2.09	0.25	56.16	76.52	16.58	36.832	71.417	14.869	0.65	56.16
2.10	0.21	56.91	76.73	16.69	35.790	71.492	14.913	0.56	56.91
2.11	0.03	57.66	76.76	16.71	34.778	71.503	14.919	0.08	57.66
2.12	0.03	58.41	76.79	16.73	33.797	71.513	14.925	0.08	58.41
2.13	0.03	59.15	76.82	16.74	32.847	71.523	14.931	0.08	59.15
2.14	0.03	59.90	76.85	16.76	31.930	71.532	14.937	0.08	59.90
2.15	0.03	60.63	76.88	16.78	31.046	71.542	14.943	0.09	60.63
2.16	0.06	60.63	76.94	16.81	30.196	71.560	14.955	0.17	60.63
2.17	0.06	60.63	77.00	16.84	29.381	71.578	14.966	0.17	60.63
2.18	0.06	60.64	77.06	16.88	28.602	71.595	14.977	0.18	60.64
2.19	0.06	60.64	77.12	16.91	27.860	71.611	14.988	0.18	60.64
2.20	0.06	60.64	77.18	16.95	27.156	71.628	14.998	0.18	60.64
2.21	0.21	60.64	77.39	17.07	26.490	71.683	15.033	0.64	60.64
2.22	0.26	60.64	77.65	17.21	25.863	71.751	15.076	0.79	60.64
2.23	0.30	60.64	77.95	17.38	25.278	71.826	15.124	0.92	60.64
2.24	0.34	60.64	78.29	17.57	24.464	71.910	15.177	1.06	60.64
2.25	0.39	60.64	78.68	17.78	23.945	72.003	15.236	1.22	60.64
2.26	0.07	61.38	78.75	17.82	23.446	72.019	15.246	0.22	61.38
2.27	0.08	62.11	78.83	17.86	22.966	72.038	15.258	0.25	62.11
2.28	0.09	62.84	78.92	17.91	22.507	72.058	15.272	0.29	62.84
2.29	0.09	63.56	79.01	17.97	22.070	72.078	15.285	0.29	63.56
2.30	0.10	64.28	79.11	18.02	21.657	72.100	15.300	0.32	64.28
2.31	0.74	65.03	79.85	18.46	21.267	72.257	15.408	2.40	65.03
2.32	0.74	65.77	80.59	18.90	20.903	72.412	15.516	2.41	65.77
2.33	0.73	66.51	81.32	19.32	20.565	72.562	15.621	2.39	66.51
2.34	0.73	67.25	82.05	19.75	20.255	72.710	15.726	2.40	67.25

2.35	0.73	67.98	82.78	20.17	19.973	72.855	15.831	2.41	67.98
2.36	0.72	68.71	83.50	20.59	19.729	72.997	15.934	2.38	68.71
2.37	0.72	69.44	84.22	21.01	19.458	73.138	16.036	2.39	69.44
2.38	0.72	70.16	84.94	21.43	19.186	73.276	16.138	2.40	70.16
2.39	0.71	70.88	85.65	21.84	18.914	73.410	16.238	2.37	70.88
2.40	0.71	71.60	86.36	22.25	18.643	73.542	16.338	2.38	71.60
2.41	0.71	72.32	87.07	22.65	18.373	73.673	16.437	2.39	72.32
2.42	0.71	73.03	87.78	23.06	18.104	73.801	16.536	2.40	73.03
2.43	0.70	73.74	88.48	23.46	17.837	73.926	16.632	2.37	73.74
2.44	0.70	74.44	89.18	23.86	17.573	74.049	16.728	2.38	74.44
2.45	0.70	75.15	89.88	24.26	17.311	74.170	16.824	2.39	75.15
2.46	0.69	76.58	90.57	24.66	17.052	74.288	16.918	2.36	76.58
2.47	0.69	78.00	91.26	25.06	16.797	74.404	17.014	2.37	78.00
2.48	0.69	79.42	91.95	25.47	16.545	74.518	17.109	2.37	79.42
2.49	0.69	80.83	92.64	25.88	16.299	74.631	17.205	2.38	80.83
2.50	0.68	82.24	93.32	26.29	16.057	74.740	17.300	2.35	82.24
2.51	0.68	83.64	94.00	26.71	15.821	74.847	17.396	2.36	83.64
2.52	0.68	85.03	94.68	27.13	15.590	74.953	17.491	2.37	85.03
2.53	0.68	86.42	95.36	27.55	15.366	75.058	17.587	2.37	86.42
2.54	0.67	87.81	96.03	27.97	15.148	75.159	17.682	2.34	87.81
2.55	0.67	89.19	96.70	28.40	14.938	75.259	17.777	2.35	89.19
2.56	0.67	90.56	97.37	28.82	14.791	75.358	17.873	2.35	90.56
2.57	0.66	91.93	98.03	29.25	14.581	75.455	17.967	2.32	91.93
2.58	0.66	93.29	98.69	29.68	14.370	75.550	18.062	2.33	93.29
2.59	0.66	94.65	99.35	30.11	14.160	75.643	18.156	2.33	94.65
2.60	0.66	96.00	100.01	30.54	13.949	75.735	18.251	2.34	96.00

HEAD ASH %	30.54	CLEAN COAL ASH %	18.25	REFUSE ASH %	68.91
THEO. YIELD	79.49	CLEAN COAL YIELD%	75.74	REFUSE YIELD%	24.26
SG OF SEPARATION	2.305	ECART PROB MOYEN	0.2076		
NEAR GRAVITY MAT	9.439	IMPERFECTION	0.212		
ORGANIC EFFCY.	95.27				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 8 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0
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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 77.44 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.11	0.01	0.11	0.01	100.000	0.110	0.010	0.0	0.01
1.25	0.23	0.01	0.34	0.01	100.000	0.340	0.010	0.0	0.01
1.26	0.35	0.01	0.69	0.01	100.000	0.690	0.010	0.0	0.01
1.27	0.48	0.01	1.17	0.01	100.000	1.170	0.010	0.0	0.01
1.28	0.62	0.01	1.79	0.01	100.000	1.790	0.010	0.0	0.01
1.29	0.76	0.01	2.55	0.01	100.000	2.550	0.010	0.0	0.01
1.30	0.91	0.01	3.46	0.01	100.000	3.460	0.010	0.0	0.01
1.31	1.06	0.01	4.52	0.01	100.000	4.520	0.010	0.0	0.01
1.32	0.85	0.39	5.37	0.07	100.000	5.370	0.070	0.0	0.39
1.33	0.97	1.15	6.34	0.24	100.000	6.340	0.235	0.0	1.15
1.34	1.09	1.89	7.43	0.48	100.000	7.430	0.478	0.0	1.89
1.35	1.21	2.64	8.64	0.78	100.000	8.640	0.781	0.0	2.64
1.36	1.34	3.37	9.98	1.13	100.000	9.980	1.129	0.0	3.37
1.37	1.47	4.11	11.45	1.51	100.000	11.450	1.511	0.0	4.11
1.38	1.61	4.83	13.06	1.92	100.000	13.060	1.920	0.0	4.83
1.39	1.75	5.56	14.81	2.35	100.000	14.810	2.350	0.0	5.56
1.40	1.89	6.27	16.70	2.79	100.000	16.700	2.794	0.0	6.27
1.41	2.35	6.58	19.05	3.26	99.950	19.049	3.261	0.01	6.58
1.42	2.72	6.88	21.77	3.71	99.887	21.766	3.713	0.02	6.88
1.43	2.99	7.18	24.76	4.13	99.810	24.750	4.131	0.03	7.18
1.44	3.16	7.48	27.92	4.51	99.722	27.901	4.509	0.05	7.48
1.45	3.25	7.78	31.17	4.85	99.623	31.139	4.849	0.06	7.78
1.46	3.24	8.79	34.41	5.22	99.513	34.363	5.219	0.08	8.79
1.47	3.13	9.81	37.54	5.61	99.394	37.474	5.600	0.10	9.81
1.48	2.94	10.81	40.48	5.98	99.265	40.393	5.976	0.11	10.81
1.49	2.65	11.81	43.13	6.34	99.129	43.020	6.333	0.12	11.81
1.50	2.27	12.80	45.40	6.66	98.985	45.267	6.654	0.12	12.80
1.51	2.03	13.69	47.43	6.96	98.835	47.273	6.952	0.12	13.69
1.52	1.99	14.58	49.42	7.27	98.636	49.236	7.256	0.14	14.58
1.53	1.94	15.46	51.36	7.58	98.409	51.145	7.563	0.16	15.46
1.54	1.87	16.33	53.23	7.89	98.159	52.980	7.866	0.18	16.33
1.55	1.79	17.20	55.02	8.19	97.708	54.729	8.165	0.21	17.20
1.56	1.69	18.61	56.71	8.50	97.373	56.375	8.470	0.23	18.61
1.57	1.58	20.02	58.29	8.81	97.001	57.908	8.775	0.24	20.02
1.58	1.45	21.42	59.74	9.12	96.596	59.308	9.074	0.26	21.42
1.59	1.31	22.81	61.05	9.41	96.164	60.568	9.360	0.26	22.81
1.60	1.15	24.19	62.20	9.69	95.711	61.669	9.624	0.25	24.19
1.61	1.06	25.60	63.26	9.95	95.240	62.678	9.882	0.26	25.60
1.62	1.04	27.00	64.30	10.23	94.758	63.664	10.147	0.28	27.00
1.63	1.01	28.39	65.31	10.51	94.486	64.618	10.416	0.29	28.39
1.64	0.97	29.78	66.28	10.79	93.912	65.529	10.685	0.31	29.78
1.65	0.92	31.15	67.20	11.07	93.278	66.387	10.950	0.32	31.15
1.66	0.85	31.65	68.05	11.33	92.586	67.174	11.192	0.33	31.65
1.67	0.78	32.14	68.83	11.56	91.837	67.890	11.413	0.33	32.14
1.68	0.70	32.63	69.53	11.78	91.034	68.528	11.611	0.32	32.63
1.69	0.61	33.12	70.14	11.96	90.178	69.078	11.782	0.31	33.12
1.70	0.51	33.60	70.65	12.12	89.079	69.532	11.924	0.29	33.60
1.71	0.46	34.17	71.11	12.26	88.106	69.937	12.053	0.28	34.17
1.72	0.45	34.73	71.56	12.40	87.084	70.329	12.180	0.30	34.73

1.73	0.45	35.30	72.01	12.54	86.015	70.716	12.306	0.33	35.30
1.74	0.44	35.85	72.45	12.69	84.903	71.090	12.430	0.34	35.85
1.75	0.43	36.41	72.88	12.83	83.752	71.450	12.551	0.36	36.41
1.76	0.41	36.88	73.29	12.96	82.565	71.789	12.666	0.37	36.88
1.77	0.40	37.34	73.69	13.09	81.345	72.114	12.777	0.39	37.34
1.78	0.38	37.81	74.07	13.22	80.095	72.418	12.882	0.39	37.81
1.79	0.36	38.27	74.43	13.34	78.819	72.702	12.981	0.39	38.27
1.80	0.33	38.72	74.76	13.45	77.520	72.958	13.071	0.38	38.72
1.81	0.32	39.04	75.08	13.56	76.201	73.202	13.158	0.39	39.04
1.82	0.32	39.36	75.40	13.67	74.866	73.441	13.243	0.42	39.36
1.83	0.32	39.68	75.72	13.78	73.618	73.677	13.328	0.44	39.68
1.84	0.32	40.00	76.04	13.89	72.161	73.908	13.411	0.46	40.00
1.85	0.31	40.31	76.35	14.00	70.640	74.127	13.491	0.47	40.31
1.86	0.31	41.20	76.66	14.11	69.067	74.341	13.571	0.50	41.20
1.87	0.30	42.08	76.96	14.22	67.451	74.543	13.648	0.50	42.08
1.88	0.29	42.96	77.25	14.33	65.803	74.734	13.723	0.51	42.96
1.89	0.28	43.83	77.53	14.43	64.136	74.914	13.795	0.52	43.83
1.90	0.27	44.69	77.80	14.54	62.458	75.082	13.864	0.52	44.69
1.91	0.25	45.43	78.05	14.64	60.782	75.234	13.928	0.51	45.43
1.92	0.24	46.15	78.29	14.73	59.118	75.376	13.989	0.51	46.15
1.93	0.23	46.88	78.52	14.83	57.478	75.508	14.046	0.51	46.88
1.94	0.22	47.60	78.74	14.92	55.871	75.631	14.101	0.50	47.60
1.95	0.21	48.32	78.95	15.01	54.309	75.745	14.152	0.50	48.32
1.96	0.21	48.86	79.16	15.10	52.802	75.856	14.203	0.51	48.86
1.97	0.21	49.40	79.37	15.19	51.362	75.964	14.253	0.53	49.40
1.98	0.22	49.94	79.59	15.28	50.000	76.074	14.305	0.57	49.94
1.99	0.23	50.48	79.82	15.39	48.690	76.186	14.358	0.61	50.48
2.00	0.24	51.01	80.06	15.49	47.399	76.300	14.413	0.65	51.01
2.01	0.27	51.26	80.33	15.61	46.130	76.424	14.473	0.75	51.26
2.02	0.31	51.50	80.64	15.75	44.882	76.563	14.540	0.88	51.50
2.03	0.34	51.75	80.98	15.90	43.657	76.712	14.612	0.99	51.75
2.04	0.35	51.99	81.33	16.06	42.455	76.860	14.684	1.04	51.99
2.05	0.36	52.23	81.69	16.22	41.278	77.009	14.757	1.09	52.23
2.06	0.35	53.45	82.04	16.38	40.126	77.150	14.827	1.08	53.45
2.07	0.34	54.67	82.38	16.53	39.001	77.282	14.895	1.07	54.67
2.08	0.31	55.89	82.69	16.68	37.902	77.400	14.958	0.99	55.89
2.09	0.27	57.09	82.96	16.81	36.832	77.499	15.012	0.88	57.09
2.10	0.22	58.29	83.18	16.92	35.790	77.578	15.056	0.73	58.29
2.11	0.06	59.44	83.24	16.95	34.778	77.599	15.068	0.20	59.44
2.12	0.04	60.58	83.28	16.97	33.797	77.612	15.075	0.14	60.58
2.13	0.02	61.71	83.30	16.98	32.847	77.619	15.079	0.07	61.71
2.14	0.01	62.84	83.31	16.99	31.930	77.622	15.081	0.04	62.84
2.15	0.0	63.97	83.31	16.99	31.046	77.622	15.081	0.0	63.97
2.16	0.0	63.97	83.31	16.99	30.196	77.622	15.081	0.0	63.97
2.17	0.0	63.97	83.31	16.99	29.381	77.622	15.081	0.0	63.97
2.18	0.04	63.98	83.35	17.01	28.602	77.633	15.089	0.15	63.98
2.19	0.10	63.98	83.45	17.07	27.860	77.661	15.106	0.37	63.98
2.20	0.20	63.98	83.65	17.18	27.156	77.716	15.140	0.75	63.98
2.21	0.15	63.98	83.80	17.26	26.490	77.755	15.165	0.57	63.98
2.22	0.16	63.98	83.96	17.35	25.863	77.797	15.191	0.61	63.98
2.23	0.18	63.98	84.14	17.45	25.278	77.842	15.220	0.70	63.98
2.24	0.20	63.99	84.34	17.56	24.464	77.891	15.250	0.78	63.99
2.25	0.21	63.99	84.55	17.68	23.945	77.941	15.282	0.83	63.99
2.26	0.08	64.80	84.63	17.72	23.446	77.960	15.294	0.32	64.80
2.27	0.09	65.61	84.72	17.77	22.966	77.981	15.307	0.36	65.61
2.28	0.10	66.42	84.82	17.83	22.507	78.003	15.322	0.40	66.42
2.29	0.11	67.22	84.93	17.90	22.070	78.028	15.338	0.44	67.22
2.30	0.12	68.02	85.05	17.97	21.657	78.054	15.355	0.49	68.02
2.31	0.53	68.67	85.58	18.28	21.267	78.166	15.432	2.16	68.67
2.32	0.53	69.32	86.11	18.59	20.903	78.277	15.509	2.17	69.32
2.33	.52	69.97	86.63	18.90	20.565	78.384	15.583	13	69.97
2.34	.52	70.61	87.15	19.21	20.255	78.489	15.657	14	70.61

2.35	0.52	71.26	87.67	19.52	19.973	78.593	15.730	2.15	71.26
2.36	0.52	71.89	88.19	19.83	19.729	78.696	15.803	2.16	71.89
2.37	0.52	72.53	88.71	20.14	19.458	78.797	15.876	2.16	72.53
2.38	0.51	73.16	89.22	20.44	19.186	78.895	15.947	2.13	73.16
2.39	0.51	73.79	89.73	20.74	18.914	78.991	16.018	2.14	73.79
2.40	0.51	74.42	90.24	21.05	18.643	79.086	16.088	2.14	74.42
2.41	0.51	75.05	90.75	21.35	18.373	79.180	16.158	2.15	75.05
2.42	0.50	75.67	91.25	21.65	18.104	79.271	16.226	2.12	75.67
2.43	0.50	76.29	91.75	21.95	17.837	79.360	16.293	2.12	76.29
2.44	0.50	76.91	92.25	22.24	17.573	79.448	16.360	2.13	76.91
2.45	0.50	77.52	92.75	22.54	17.311	79.534	16.427	2.14	77.52
2.46	0.50	78.79	93.25	22.84	17.052	79.619	16.494	2.14	78.79
2.47	0.49	80.05	93.74	23.14	16.797	79.702	16.559	2.11	80.05
2.48	0.49	81.31	94.23	23.45	16.545	79.783	16.625	2.11	81.31
2.49	0.49	82.56	94.72	23.75	16.299	79.863	16.691	2.12	82.56
2.50	0.49	83.81	95.21	24.06	16.057	79.941	16.757	2.13	83.81
2.51	0.49	85.05	95.70	24.37	15.821	80.019	16.823	2.13	85.05
2.52	0.48	86.28	96.18	24.68	15.590	80.094	16.888	2.09	86.28
2.53	0.48	87.51	96.66	24.99	15.366	80.167	16.953	2.10	87.51
2.54	0.48	88.74	97.14	25.31	15.148	80.240	17.018	2.11	88.74
2.55	0.48	89.96	97.62	25.63	14.938	80.312	17.083	2.11	89.96
2.56	0.48	91.18	98.10	25.95	14.791	80.383	17.149	2.11	91.18
2.57	0.48	92.39	98.58	26.27	14.581	80.453	17.214	2.12	92.39
2.58	0.47	93.60	99.05	26.59	14.370	80.520	17.278	2.08	93.60
2.59	0.47	94.80	99.52	26.91	14.160	80.587	17.342	2.09	94.80
2.60	0.47	96.00	99.99	27.24	13.949	80.653	17.406	2.09	96.00

		CLEAN COAL ASH %	17.41	REFUSE ASH %	68.22
HEAD ASH %	27.24	CLEAN COAL YIELD%	80.65	REFUSE YIELD%	19.35
THEO. YIELD	84.06	ECART PROB. MOYEN	0.2076		
SG OF SEPARATION	2.225	IMPERFECTION	0.212		
NEAR GRAVITY MAT	3.094				
ORGANIC EFFCY.	95.95				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 11 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 54.82 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.02	0.84	0.02	0.84	100.000	0.020	0.840	0.0	0.84
1.25	0.02	1.67	0.04	1.25	100.000	0.040	1.255	0.0	1.67
1.26	0.02	2.49	0.06	1.67	100.000	0.060	1.667	0.0	2.49
1.27	0.02	3.30	0.08	2.07	100.000	0.080	2.075	0.0	3.30
1.28	0.02	4.10	0.10	2.48	100.000	0.100	2.480	0.0	4.10
1.29	0.02	4.90	0.12	2.88	100.000	0.120	2.883	0.0	4.90
1.30	0.02	5.70	0.14	3.29	100.000	0.140	3.286	0.0	5.70
1.31	0.02	6.49	0.16	3.69	100.000	0.160	3.686	0.0	6.49
1.32	0.02	6.93	0.18	4.05	100.000	0.180	4.047	0.0	6.93
1.33	0.02	7.04	0.20	4.35	100.000	0.200	4.346	0.0	7.04
1.34	0.02	7.15	0.22	4.60	100.000	0.220	4.601	0.0	7.15
1.35	0.02	7.26	0.24	4.82	100.000	0.240	4.823	0.0	7.26
1.36	0.02	7.37	0.26	5.02	100.000	0.260	5.018	0.0	7.37
1.37	0.02	7.48	0.28	5.19	100.000	0.280	5.194	0.0	7.48
1.38	0.02	7.58	0.30	5.35	100.000	0.300	5.353	0.0	7.58
1.39	0.02	7.69	0.32	5.50	100.000	0.320	5.499	0.0	7.69
1.40	0.02	7.79	0.34	5.63	100.000	0.340	5.634	0.0	7.79
1.41	1.57	7.79	1.91	7.41	99.950	1.909	7.406	0.00	7.79
1.42	1.75	7.79	3.66	7.59	99.887	3.657	7.590	0.01	7.79
1.43	1.92	7.79	5.58	7.66	99.810	5.574	7.658	0.02	7.79
1.44	2.08	7.79	7.66	7.69	99.722	7.648	7.694	0.03	7.79
1.45	2.24	7.79	9.90	7.72	99.623	9.879	7.716	0.05	7.79
1.46	2.27	8.71	12.17	7.90	99.513	12.138	7.901	0.06	8.71
1.47	2.40	9.62	14.57	8.18	99.394	14.524	8.183	0.08	9.62
1.48	2.51	10.53	17.08	8.53	99.265	17.015	8.527	0.10	10.53
1.49	2.61	11.43	19.69	8.91	99.129	19.603	8.910	0.13	11.43
1.50	2.71	12.32	22.40	9.33	98.985	22.285	9.320	0.15	12.32
1.51	3.04	12.88	25.44	9.75	98.836	25.290	9.743	0.20	12.88
1.52	3.44	13.44	28.88	10.19	98.636	28.683	10.181	0.26	13.44
1.53	3.72	14.00	32.60	10.62	98.409	32.344	10.613	0.33	14.00
1.54	3.88	14.56	36.48	11.04	98.159	36.152	11.029	0.40	14.56
1.55	3.92	15.11	40.40	11.44	97.708	39.982	11.420	0.50	15.11
1.56	3.84	16.47	44.24	11.87	97.373	43.721	11.852	0.56	16.47
1.57	3.64	17.82	47.88	12.33	97.001	47.252	12.298	0.61	17.82
1.58	3.32	19.17	51.20	12.77	96.696	50.459	12.734	0.63	19.17
1.59	2.88	20.50	54.08	13.18	96.164	53.229	13.138	0.61	20.50
1.60	2.33	21.83	56.41	13.54	95.711	55.459	13.488	0.56	21.83
1.61	1.91	23.22	58.32	13.86	95.240	57.278	13.797	0.50	23.22
1.62	1.73	24.60	60.05	14.17	94.758	58.917	14.098	0.50	24.60
1.63	1.56	25.97	61.61	14.46	94.486	60.391	14.387	0.48	25.97
1.64	1.39	27.34	63.00	14.75	93.912	61.697	14.661	0.47	27.34
1.65	1.23	28.69	64.23	15.02	93.278	62.844	14.918	0.46	28.69
1.66	1.09	29.14	65.32	15.25	92.586	63.853	15.142	0.45	29.14
1.67	0.95	29.59	66.27	15.46	91.837	64.726	15.337	0.43	29.59
1.68	0.82	30.03	67.09	15.64	91.034	65.472	15.505	0.41	30.03
1.69	0.70	30.47	67.79	15.79	90.178	66.103	15.648	0.38	30.47
1.70	0.59	30.91	68.38	15.92	89.079	66.629	15.768	0.36	30.91
1.71	0.52	31.49	68.90	16.04	88.106	67.087	15.875	0.34	31.49
1.72	0.49	32.06	69.39	16.15	87.084	67.514	15.978	0.35	32.06

1.73	0.47	32.63	69.86	16.26	86.015	67.918	16.077	0.37	32.63
1.74	0.46	33.19	70.32	16.37	84.903	68.308	16.175	0.39	33.19
1.75	0.46	33.75	70.78	16.48	83.752	68.694	16.273	0.42	33.75
1.76	0.47	34.36	71.25	16.60	82.565	69.082	16.375	0.46	34.36
1.77	0.49	34.95	71.74	16.73	81.345	69.480	16.481	0.51	34.95
1.78	0.51	35.55	72.25	16.86	80.095	69.889	16.593	0.56	35.55
1.79	0.55	36.14	72.80	17.01	78.819	70.322	16.713	0.65	36.14
1.80	0.60	36.72	73.40	17.17	77.520	70.788	16.845	0.75	36.72
1.81	0.62	37.08	74.02	17.33	76.201	71.260	16.979	0.82	37.08
1.82	0.62	37.44	74.64	17.50	74.866	71.724	17.111	0.87	37.44
1.83	0.62	37.80	75.26	17.67	73.518	72.181	17.242	0.91	37.80
1.84	0.62	38.16	75.88	17.84	72.161	72.628	17.371	0.96	38.16
1.85	0.62	38.51	76.50	18.00	70.640	73.066	17.498	1.01	38.51
1.86	0.62	39.47	77.12	18.18	69.067	73.494	17.626	1.07	39.47
1.87	0.62	40.43	77.74	18.35	67.451	73.912	17.755	1.12	40.43
1.88	0.63	41.39	78.37	18.54	65.803	74.327	17.887	1.20	41.39
1.89	0.63	42.33	79.00	18.73	64.136	74.731	18.019	1.25	42.33
1.90	0.63	43.28	79.63	18.92	62.458	75.124	18.151	1.31	43.28
1.91	0.63	43.90	80.26	19.12	60.782	75.507	18.282	1.37	43.90
1.92	0.63	44.52	80.89	19.32	59.118	75.880	18.410	1.43	44.52
1.93	0.64	45.14	81.53	19.52	57.478	76.248	18.539	1.51	45.14
1.94	0.64	45.76	82.17	19.72	55.871	76.605	18.666	1.57	45.76
1.95	0.64	46.37	82.81	19.93	54.309	76.953	18.792	1.62	46.37
1.96	0.64	47.35	83.45	20.14	52.802	77.291	18.916	1.68	47.35
1.97	0.64	48.33	84.09	20.35	51.362	77.619	19.041	1.73	48.33
1.98	0.63	49.30	84.72	20.57	50.000	77.934	19.163	1.75	49.30
1.99	0.63	50.27	85.35	20.79	48.690	78.241	19.285	1.80	50.27
2.00	0.63	51.23	85.98	21.01	47.399	78.540	19.407	1.84	51.23
2.01	0.60	52.25	86.58	21.23	46.130	78.817	19.522	1.80	52.25
2.02	0.54	53.27	87.12	21.43	44.882	79.059	19.626	1.65	53.27
2.03	0.48	54.28	87.60	21.61	43.657	79.269	19.717	1.50	54.28
2.04	0.43	55.29	88.03	21.77	42.455	79.451	19.799	1.37	55.29
2.05	0.38	56.29	88.41	21.92	41.278	79.608	19.871	1.24	56.29
2.06	0.32	56.89	88.73	22.05	40.126	79.736	19.930	1.06	56.89
2.07	0.27	57.49	89.00	22.15	39.001	79.842	19.980	0.91	57.49
2.08	0.23	58.08	89.23	22.25	37.902	79.928	20.021	0.79	58.08
2.09	0.18	58.67	89.41	22.32	36.832	79.995	20.054	0.63	58.67
2.10	0.13	59.25	89.54	22.37	35.790	80.042	20.076	0.46	59.25
2.11	0.09	60.34	89.63	22.41	34.778	80.073	20.092	0.33	60.34
2.12	0.06	61.42	89.69	22.44	33.797	80.093	20.102	0.22	61.42
2.13	0.04	62.50	89.73	22.45	32.847	80.106	20.109	0.15	62.50
2.14	0.02	63.58	89.75	22.46	31.930	80.113	20.113	0.08	63.58
2.15	0.01	64.65	89.76	22.47	31.046	80.116	20.115	0.04	64.65
2.16	0.01	64.77	89.77	22.47	30.196	80.119	20.116	0.04	64.77
2.17	0.01	64.89	89.78	22.48	29.381	80.122	20.118	0.04	64.89
2.18	0.03	65.01	89.81	22.49	28.602	80.130	20.123	0.12	65.01
2.19	0.05	65.14	89.86	22.52	27.860	80.144	20.131	0.20	65.14
2.20	0.07	65.26	89.93	22.55	27.156	80.163	20.141	0.28	65.26
2.21	0.09	65.26	90.02	22.59	26.490	80.187	20.155	0.37	65.26
2.22	0.10	65.26	90.12	22.64	25.863	80.213	20.169	0.41	65.26
2.23	0.10	65.26	90.22	22.69	25.278	80.238	20.183	0.41	65.26
2.24	0.11	65.26	90.33	22.74	24.464	80.265	20.199	0.46	65.26
2.25	0.11	65.26	90.44	22.79	23.945	80.292	20.213	0.46	65.26
2.26	0.12	66.13	90.56	22.85	23.446	80.320	20.229	0.51	66.13
2.27	0.13	66.99	90.69	22.91	22.966	80.350	20.247	0.56	66.99
2.28	0.14	67.86	90.83	22.98	22.507	80.381	20.265	0.60	67.86
2.29	0.15	68.72	90.98	23.06	22.070	80.414	20.285	0.65	68.72
2.30	0.16	69.57	91.14	23.14	21.657	80.449	20.307	0.70	69.57
2.31	0.31	70.07	91.45	23.30	21.267	80.515	20.347	1.36	70.07
2.32	0.31	70.57	91.76	23.46	20.903	80.580	20.388	1.36	70.57
2.33	0.31	71.06	92.07	23.62	20.565	80.643	20.428	1.37	71.06
2.34	0.31	71.56	92.38	23.78	20.255	80.706	20.468	1.37	71.56

2.35	0.31	72.05	92.69	23.94	19.973	80.768	20.507	1.38	72.05
2.36	0.31	72.53	93.00	24.10	19.729	80.829	20.547	1.38	72.53
2.37	0.31	73.02	93.31	24.26	19.458	80.889	20.586	1.39	73.02
2.38	0.31	73.50	93.62	24.43	19.186	80.949	20.625	1.39	73.50
2.39	0.30	73.99	93.92	24.58	18.914	81.006	20.662	1.35	73.99
2.40	0.30	74.47	94.22	24.74	18.643	81.062	20.699	1.36	74.47
2.41	0.30	74.95	94.52	24.90	18.373	81.117	20.736	1.36	74.95
2.42	0.30	75.42	94.82	25.06	18.104	81.171	20.773	1.36	75.42
2.43	0.30	75.90	95.12	25.22	17.837	81.225	20.809	1.37	75.90
2.44	0.30	76.37	95.42	25.38	17.573	81.277	20.845	1.37	76.37
2.45	0.30	76.84	95.72	25.54	17.311	81.329	20.881	1.38	76.84
2.46	0.30	78.15	96.02	25.71	17.052	81.380	20.917	1.38	78.15
2.47	0.29	79.46	96.31	25.87	16.797	81.429	20.952	1.34	79.46
2.48	0.29	80.76	96.60	26.04	16.545	81.477	20.987	1.34	80.76
2.49	0.29	82.06	96.89	26.20	16.299	81.524	21.022	1.35	82.06
2.50	0.29	83.35	97.18	26.37	16.057	81.571	21.058	1.35	83.35
2.51	0.29	84.64	97.47	26.55	15.821	81.617	21.094	1.36	84.64
2.52	0.29	85.92	97.76	26.72	15.590	81.662	21.130	1.36	85.92
2.53	0.29	87.20	98.05	26.90	15.366	81.707	21.166	1.36	87.20
2.54	0.29	88.47	98.34	27.08	15.148	81.750	21.202	1.37	88.47
2.55	0.28	89.74	98.62	27.26	14.938	81.792	21.237	1.32	89.74
2.56	0.28	91.00	98.90	27.44	14.791	81.834	21.272	1.33	91.00
2.57	0.28	92.26	99.18	27.63	14.581	81.875	21.307	1.33	92.26
2.58	0.28	93.51	99.46	27.81	14.370	81.915	21.343	1.33	93.51
2.59	0.28	94.76	99.74	28.00	14.160	81.954	21.378	1.33	94.76
2.60	0.28	96.00	100.02	28.19	13.949	81.993	21.414	1.34	96.00

HEAD ASH %	28.19	CLEAN COAL ASH %	21.41	REFUSE ASH %	59.04
THEO. YIELD	87.09	CLEAN COAL YIELD%	81.99	REFUSE YIELD%	18.01
SG OF SEPARATION	2.019	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	8.836	IMPERFECTION	0.212		
ORGANIC EFFCY.	94.15				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 12 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 59.97 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.29	0.36	0.29	0.36	100.000	0.290	0.360	0.0	0.36
1.25	0.28	0.71	0.57	0.53	100.000	0.570	0.532	0.0	0.71
1.26	0.28	1.06	0.85	0.71	100.000	0.850	0.706	0.0	1.06
1.27	0.28	1.41	1.13	0.88	100.000	1.130	0.880	0.0	1.41
1.28	0.28	1.75	1.41	1.05	100.000	1.410	1.053	0.0	1.75
1.29	0.28	2.09	1.69	1.22	100.000	1.690	1.225	0.0	2.09
1.30	0.27	2.43	1.96	1.39	100.000	1.960	1.391	0.0	2.43
1.31	0.27	2.76	2.23	1.56	100.000	2.230	1.557	0.0	2.76
1.32	0.27	3.14	2.50	1.73	100.000	2.500	1.728	0.0	3.14
1.33	0.27	3.56	2.77	1.91	100.000	2.770	1.906	0.0	3.56
1.34	0.27	3.99	3.04	2.09	100.000	3.040	2.091	0.0	3.99
1.35	0.26	4.40	3.30	2.27	100.000	3.300	2.273	0.0	4.40
1.36	0.26	4.82	3.56	2.46	100.000	3.560	2.459	0.0	4.82
1.37	0.26	5.23	3.82	2.65	100.000	3.820	2.648	0.0	5.23
1.38	0.26	5.64	4.08	2.84	100.000	4.080	2.838	0.0	5.64
1.39	0.26	6.04	4.34	3.03	100.000	4.340	3.030	0.0	6.04
1.40	0.25	6.45	4.59	3.22	100.000	4.590	3.217	0.0	6.45
1.41	2.10	6.80	6.69	4.34	99.950	6.689	4.341	0.00	6.80
1.42	2.40	7.15	9.09	5.08	99.887	9.086	5.082	0.01	7.15
1.43	2.63	7.50	11.72	5.63	99.810	11.711	5.624	0.02	7.50
1.44	2.77	7.85	14.49	6.05	99.722	14.474	6.049	0.03	7.85
1.45	2.83	8.20	17.32	6.40	99.623	17.293	6.400	0.04	8.20
1.46	2.82	9.07	20.14	6.78	99.513	20.099	6.772	0.05	9.07
1.47	2.72	9.94	22.86	7.15	99.394	22.803	7.148	0.06	9.94
1.48	2.55	10.81	25.41	7.52	99.265	25.334	7.514	0.07	10.81
1.49	2.29	11.66	27.70	7.86	99.129	27.604	7.855	0.08	11.66
1.50	1.96	12.52	29.66	8.17	98.985	29.544	8.161	0.08	12.52
1.51	1.76	13.15	31.42	8.45	98.835	31.284	8.439	0.08	13.15
1.52	1.75	13.77	33.17	8.73	98.686	33.010	8.717	0.09	13.77
1.53	1.74	14.39	34.91	9.01	98.409	34.722	8.997	0.11	14.39
1.54	1.74	15.01	36.65	9.30	98.159	36.430	9.279	0.12	15.01
1.55	1.73	15.62	38.38	9.58	97.708	38.120	9.560	0.15	15.62
1.56	1.72	16.42	40.10	9.87	97.373	39.795	9.849	0.17	16.42
1.57	1.71	17.22	41.81	10.17	97.001	41.454	10.144	0.20	17.22
1.58	1.70	18.01	43.51	10.48	96.596	43.096	10.444	0.22	18.01
1.59	1.69	18.79	45.20	10.79	96.164	44.721	10.747	0.25	18.79
1.60	1.68	19.57	46.88	11.11	95.711	46.329	11.053	0.28	19.57
1.61	1.70	19.96	48.58	11.42	95.240	47.948	11.354	0.31	19.96
1.62	1.75	20.35	50.33	11.73	94.758	49.606	11.655	0.35	20.35
1.63	1.78	20.74	52.11	12.03	94.486	51.288	11.953	0.38	20.74
1.64	1.77	21.12	53.88	12.33	93.912	52.951	12.240	0.42	21.12
1.65	1.74	21.50	55.62	12.62	93.278	54.574	12.516	0.45	21.50
1.66	1.68	23.02	57.30	12.92	92.586	56.129	12.807	0.48	23.02
1.67	1.59	24.54	58.89	13.24	91.837	57.589	13.104	0.50	24.54
1.68	1.47	26.04	60.36	13.55	91.034	58.927	13.398	0.51	26.04
1.69	1.33	27.54	61.69	13.85	90.178	60.127	13.680	0.50	27.54
1.70	1.16	29.03	62.85	14.13	89.079	61.160	13.940	0.49	28.03
1.71	0.89	30.77	63.74	14.36	88.106	61.944	14.153	0.41	30.77
1.72	0.71	32.49	64.45	14.56	87.084	62.563	14.334	0.35	32.49

1.73	0.56	34.21	65.01	14.73	86.015	63.044	14.486	0.30	34.21
1.74	0.44	35.92	65.45	14.88	84.903	63.418	14.612	0.26	35.92
1.75	0.34	37.62	65.79	14.99	83.752	63.703	14.715	0.21	37.62
1.76	0.35	37.62	66.14	15.11	82.565	63.992	14.818	0.24	37.62
1.77	0.29	37.62	66.43	15.21	81.348	64.227	14.902	0.21	37.62
1.78	0.27	37.62	66.70	15.30	80.095	64.444	14.978	0.21	37.62
1.79	0.28	37.62	66.98	15.39	78.819	64.664	15.055	0.23	37.62
1.80	0.33	37.62	67.31	15.50	77.520	64.920	15.144	0.29	37.62
1.81	0.31	38.01	67.62	15.61	76.201	65.156	15.227	0.28	38.01
1.82	0.31	38.40	67.93	15.71	74.866	65.389	15.310	0.30	38.40
1.83	0.31	38.78	68.24	15.82	73.618	65.617	15.391	0.32	38.79
1.84	0.31	39.18	68.55	15.92	72.161	65.840	15.472	0.33	39.18
1.85	0.31	39.57	68.86	16.03	70.640	66.059	15.552	0.35	39.57
1.86	0.31	39.99	69.17	16.14	69.067	66.274	15.631	0.37	39.99
1.87	0.30	40.40	69.47	16.24	67.451	66.476	15.706	0.38	40.40
1.88	0.30	40.82	69.77	16.35	65.803	66.673	15.781	0.40	40.82
1.89	0.29	41.23	70.06	16.45	64.136	66.859	15.851	0.40	41.23
1.90	0.28	41.64	70.34	16.55	62.458	67.034	15.919	0.41	41.64
1.91	0.28	41.95	70.62	16.65	60.782	67.204	15.985	0.42	41.95
1.92	0.28	42.26	70.90	16.75	59.118	67.370	16.049	0.44	42.26
1.93	0.28	42.57	71.18	16.85	57.478	67.531	16.112	0.46	42.57
1.94	0.28	42.88	71.46	16.95	55.871	67.687	16.174	0.48	42.88
1.95	0.28	43.18	71.74	17.06	54.309	67.839	16.235	0.49	43.18
1.96	0.28	43.60	72.02	17.16	52.802	67.987	16.294	0.51	43.60
1.97	0.28	44.01	72.30	17.26	51.362	68.131	16.353	0.53	44.01
1.98	0.28	44.43	72.58	17.37	50.000	68.271	16.410	0.54	44.43
1.99	0.28	44.84	72.86	17.47	48.690	68.407	16.467	0.55	44.84
2.00	0.28	45.24	73.14	17.58	47.399	68.540	16.523	0.57	45.24
2.01	0.28	45.61	73.42	17.69	46.130	68.669	16.577	0.58	45.61
2.02	0.28	45.96	73.70	17.80	44.882	68.795	16.631	0.60	45.96
2.03	0.28	46.32	73.98	17.90	43.657	68.917	16.684	0.61	46.32
2.04	0.28	46.68	74.26	18.01	42.455	69.036	16.735	0.62	46.68
2.05	0.28	47.03	74.54	18.12	41.278	69.152	16.786	0.63	47.03
2.06	0.28	47.19	74.82	18.23	40.126	69.264	16.835	0.65	47.19
2.07	0.28	47.34	75.10	18.34	39.001	69.373	16.883	0.66	47.34
2.08	0.28	47.49	75.38	18.45	37.902	69.479	16.930	0.67	47.49
2.09	0.28	47.64	75.66	18.55	36.832	69.582	16.976	0.68	47.64
2.10	0.28	47.79	75.94	18.66	35.790	69.683	17.020	0.69	47.79
2.11	0.05	47.79	75.99	18.68	34.778	69.700	17.028	0.13	47.79
2.12	0.05	47.79	76.04	18.70	33.797	69.717	17.035	0.13	47.79
2.13	0.05	47.79	76.09	18.72	32.847	69.733	17.042	0.13	47.79
2.14	0.05	47.79	76.14	18.74	31.930	69.749	17.049	0.13	47.79
2.15	0.05	47.79	76.19	18.76	31.046	69.765	17.056	0.13	47.79
2.16	0.05	48.30	76.24	18.78	30.196	69.780	17.063	0.13	48.30
2.17	0.05	48.81	76.29	18.80	29.381	69.795	17.070	0.14	48.81
2.18	0.05	49.31	76.34	18.82	28.602	69.809	17.076	0.14	49.31
2.19	0.05	49.81	76.39	18.84	27.860	69.823	17.083	0.14	49.81
2.20	0.05	50.31	76.44	18.86	27.156	69.836	17.089	0.14	50.31
2.21	0.13	50.45	76.57	18.91	26.490	69.871	17.106	0.37	50.45
2.22	0.16	50.60	76.73	18.98	25.863	69.912	17.126	0.46	50.60
2.23	0.18	50.74	76.91	19.05	25.278	69.958	17.147	0.52	50.74
2.24	0.21	50.89	77.12	19.14	24.464	70.009	17.172	0.61	50.89
2.25	0.23	51.03	77.35	19.23	23.945	70.064	17.199	0.68	51.03
2.26	0.26	51.86	77.61	19.34	23.446	70.125	17.229	0.77	51.86
2.27	0.29	52.69	77.90	19.47	22.966	70.192	17.263	0.86	52.69
2.28	0.32	53.52	78.22	19.61	22.507	70.264	17.300	0.96	53.52
2.29	0.35	54.34	78.57	19.76	22.070	70.341	17.340	1.05	54.34
2.30	0.38	55.16	78.95	19.93	21.657	70.423	17.385	1.15	55.16
2.31	0.75	55.23	79.70	20.26	21.267	70.583	17.470	2.28	55.23
2.32	0.74	55.31	80.44	20.59	20.903	70.737	17.553	2.26	55.31
2.33	0.74	55.38	81.18	20.90	20.565	70.890	17.634	27	55.38
2.34	0.74	55.45	81.92	21.21	20.255	71.040	17.714	28	55.45

2.35	0.73	55.52	82.65	21.52	19.973	71.185	17.791	2.26	55.52
2.36	0.73	55.60	83.38	21.82	19.729	71.329	17.868	2.26	55.60
2.37	0.73	55.67	84.11	22.11	19.458	71.471	17.943	2.27	55.67
2.38	0.73	55.74	84.84	22.40	19.186	71.611	18.017	2.28	55.74
2.39	0.72	55.81	85.56	22.68	18.914	71.748	18.088	2.25	55.81
2.40	0.72	55.88	86.28	22.96	18.643	71.882	18.159	2.26	55.88
2.41	0.72	55.95	87.00	23.23	18.373	72.014	18.228	2.27	55.95
2.42	0.71	56.02	87.71	23.50	18.104	72.143	18.296	2.24	56.02
2.43	0.71	56.09	88.42	23.76	17.837	72.269	18.362	2.25	56.09
2.44	0.71	56.16	89.13	24.02	17.573	72.394	18.427	2.26	56.16
2.45	0.70	56.23	89.83	24.27	17.311	72.515	18.490	2.23	56.23
2.46	0.70	58.96	90.53	24.54	17.052	72.635	18.557	2.24	58.96
2.47	0.70	61.67	91.23	24.82	16.797	72.752	18.627	2.25	61.67
2.48	0.70	64.38	91.93	25.12	16.545	72.868	18.699	2.26	64.38
2.49	0.69	67.07	92.62	25.43	16.299	72.981	18.774	2.23	67.07
2.50	0.69	69.75	93.31	25.76	16.057	73.091	18.851	2.24	69.75
2.51	0.69	72.42	94.00	26.10	15.821	73.200	18.931	2.24	72.42
2.52	0.69	75.09	94.69	26.46	15.590	73.308	19.013	2.25	75.09
2.53	0.68	77.74	95.37	26.83	15.366	73.413	19.097	2.22	77.74
2.54	0.68	80.38	96.05	27.21	15.148	73.516	19.183	2.23	80.38
2.55	0.68	83.01	96.73	27.60	14.938	73.617	19.271	2.23	83.01
2.56	0.67	85.62	97.40	28.00	14.791	73.716	19.360	2.20	85.62
2.57	0.67	88.23	98.07	28.41	14.581	73.814	19.451	2.21	88.23
2.58	0.67	90.83	98.74	28.83	14.370	73.910	19.544	2.21	90.83
2.59	0.67	93.42	99.41	29.27	14.160	74.005	19.639	2.22	93.42
2.60	0.66	96.00	100.07	29.71	13.949	74.097	19.734	2.19	96.00

HEAD ASH %	29.71	CLEAN COAL ASH %	19.73	REFUSE ASH %	58.24
THEO. YIELD	78.51	CLEAN COAL YIELD%	74.10	REFUSE YIELD%	25.90
SG OF SEPARATION	2.288	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	9.054	IMPERFECTION	0.212		
ORGANIC EFFCY.	94.38				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 13 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 74.36 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.17	0.35	0.17	0.35	100.000	0.170	0.350	0.0	0.35
1.25	0.17	0.69	0.34	0.52	100.000	0.340	0.520	0.0	0.69
1.26	0.17	1.02	0.51	0.69	100.000	0.510	0.687	0.0	1.02
1.27	0.17	1.35	0.68	0.85	100.000	0.680	0.852	0.0	1.35
1.28	0.17	1.68	0.85	1.02	100.000	0.850	1.018	0.0	1.68
1.29	0.17	2.01	1.02	1.18	100.000	1.020	1.183	0.0	2.01
1.30	0.17	2.33	1.19	1.35	100.000	1.190	1.347	0.0	2.33
1.31	0.17	2.65	1.36	1.51	100.000	1.360	1.510	0.0	2.65
1.32	0.16	3.02	1.52	1.67	100.000	1.520	1.669	0.0	3.02
1.33	0.16	3.43	1.68	1.84	100.000	1.680	1.837	0.0	3.43
1.34	0.16	3.84	1.84	2.01	100.000	1.840	2.011	0.0	3.84
1.35	0.16	4.24	2.00	2.19	100.000	2.000	2.189	0.0	4.24
1.36	0.16	4.64	2.16	2.37	100.000	2.160	2.371	0.0	4.64
1.37	0.16	5.04	2.32	2.55	100.000	2.320	2.555	0.0	5.04
1.38	0.16	5.43	2.48	2.74	100.000	2.480	2.740	0.0	5.43
1.39	0.16	5.83	2.64	2.93	100.000	2.640	2.928	0.0	5.83
1.40	0.15	6.22	2.79	3.10	100.000	2.790	3.105	0.0	6.22
1.41	0.74	6.22	3.53	3.76	99.950	3.530	3.757	0.00	6.22
1.42	0.81	6.22	4.34	4.22	99.887	4.339	4.217	0.00	6.22
1.43	0.86	6.22	5.20	4.55	99.810	5.197	4.548	0.00	6.22
1.44	0.90	6.22	6.10	4.80	99.722	6.095	4.794	0.00	6.22
1.45	0.91	6.22	7.01	4.98	99.623	7.001	4.978	0.01	6.22
1.46	0.81	7.80	7.82	5.27	99.513	7.807	5.270	0.01	7.80
1.47	0.79	9.38	8.61	5.65	99.394	8.592	5.645	0.01	9.38
1.48	0.75	10.94	9.36	6.07	99.265	9.337	6.068	0.01	10.94
1.49	0.70	12.50	10.06	6.52	99.129	10.031	6.513	0.01	12.50
1.50	0.63	14.04	10.69	6.96	98.985	10.654	6.953	0.01	14.04
1.51	0.63	15.45	11.32	7.44	98.835	11.277	7.422	0.01	15.45
1.52	0.63	16.84	11.95	7.93	98.686	11.898	7.914	0.02	16.84
1.53	0.62	18.23	12.57	8.44	98.409	12.509	8.417	0.02	18.23
1.54	0.62	19.61	13.19	8.96	98.159	13.117	8.937	0.02	19.61
1.55	0.62	20.98	13.81	9.50	97.708	13.723	9.468	0.03	20.98
1.56	0.62	21.96	14.43	10.04	97.373	14.327	9.995	0.03	21.96
1.57	0.62	22.93	15.05	10.57	97.001	14.928	10.516	0.04	22.93
1.58	0.63	23.90	15.68	11.11	96.596	15.537	11.040	0.04	23.90
1.59	0.63	24.86	16.31	11.64	96.164	16.143	11.559	0.05	24.86
1.60	0.63	25.81	16.94	12.16	95.711	16.745	12.072	0.05	25.81
1.61	0.64	26.56	17.58	12.69	95.240	17.355	12.581	0.06	26.56
1.62	0.64	27.30	18.22	13.20	94.758	17.961	13.078	0.07	27.30
1.63	0.64	28.04	18.86	13.71	94.486	18.566	13.565	0.07	28.04
1.64	0.64	28.77	19.50	14.20	93.912	19.167	14.042	0.08	28.77
1.65	0.64	29.50	20.14	14.69	93.278	19.764	14.509	0.08	29.50
1.66	0.64	30.61	20.78	15.18	92.586	20.357	14.977	0.09	30.61
1.67	0.65	31.72	21.43	15.68	91.837	20.954	15.454	0.10	31.72
1.68	0.65	32.82	22.08	16.18	91.034	21.545	15.931	0.11	32.82
1.69	0.65	33.92	22.73	16.69	90.178	22.132	16.408	0.12	33.92
1.70	0.65	35.01	23.38	17.20	89.079	22.711	16.882	0.14	35.01
1.71	0.68	35.82	24.06	17.73	88.106	23.310	17.369	0.16	35.82
1.72	0.72	36.63	24.78	18.27	87.084	23.937	17.873	0.18	36.63

1.73	0.76	37.44	25.54	18.84	86.015	24.590	18.393	0.21	37.44
1.74	0.78	38.23	26.32	19.42	84.903	25.253	18.914	0.23	38.23
1.75	0.79	39.03	27.11	19.99	83.752	25.914	19.427	0.25	39.03
1.76	0.79	39.61	27.90	20.55	82.565	26.567	19.923	0.27	39.61
1.77	0.79	40.19	28.69	21.09	81.345	27.209	20.401	0.28	40.19
1.78	0.77	40.76	29.46	21.60	80.095	27.826	20.853	0.30	40.76
1.79	0.74	41.33	30.20	22.08	78.819	28.409	21.273	0.30	41.33
1.80	0.71	41.90	30.91	22.54	77.520	28.960	21.665	0.31	41.90
1.81	0.65	42.23	31.56	22.95	76.201	29.455	22.011	0.30	42.23
1.82	0.59	42.56	32.15	23.31	74.866	29.897	22.315	0.29	42.56
1.83	0.54	42.88	32.69	23.63	73.518	30.294	22.584	0.28	42.88
1.84	0.51	43.21	33.20	23.93	72.161	30.662	22.832	0.28	43.21
1.85	0.50	43.53	33.70	24.22	70.640	31.015	23.068	0.29	43.53
1.86	0.50	44.31	34.20	24.51	69.067	31.361	23.302	0.30	44.31
1.87	0.52	45.08	34.72	24.82	67.451	31.711	23.542	0.33	45.08
1.88	0.55	45.85	35.27	25.15	65.803	32.073	23.794	0.37	45.85
1.89	0.60	46.62	35.87	25.51	64.136	32.458	24.065	0.42	46.62
1.90	0.67	47.38	36.54	25.91	62.458	32.877	24.361	0.49	47.38
1.91	0.72	47.85	37.26	26.33	60.782	33.314	24.670	0.55	47.85
1.92	0.74	48.32	38.00	26.76	59.118	33.752	24.977	0.59	48.32
1.93	0.76	48.79	38.76	27.19	57.478	34.189	25.281	0.63	48.79
1.94	0.77	49.25	39.53	27.62	55.871	34.619	25.579	0.66	49.25
1.95	0.78	49.72	40.31	28.05	54.309	35.042	25.871	0.69	49.72
1.96	0.78	50.56	41.09	28.48	52.802	35.454	26.157	0.72	50.56
1.97	0.78	51.39	41.87	28.91	51.362	35.855	26.439	0.74	51.39
1.98	0.77	52.23	42.64	29.33	50.000	36.240	26.713	0.75	52.23
1.99	0.76	53.05	43.40	29.74	48.690	36.610	26.979	0.76	53.05
2.00	0.75	53.88	44.15	30.15	47.399	36.965	27.238	0.77	53.88
2.01	0.75	54.52	44.90	30.56	46.130	37.311	27.491	0.79	54.52
2.02	0.75	55.15	45.65	30.96	44.882	37.648	27.738	0.80	55.15
2.03	0.75	55.78	46.40	31.36	43.657	37.975	27.980	0.82	55.78
2.04	0.75	56.41	47.15	31.76	42.455	38.294	28.217	0.84	56.41
2.05	0.73	57.03	47.88	32.15	41.278	38.595	28.441	0.83	57.03
2.06	0.71	57.75	48.59	32.52	40.126	38.880	28.656	0.83	57.75
2.07	0.68	58.46	49.27	32.88	39.001	39.145	28.858	0.81	58.46
2.08	0.64	59.16	49.91	33.22	37.902	39.388	29.045	0.77	59.16
2.09	0.60	59.87	50.51	33.53	36.832	39.609	29.217	0.74	59.87
2.10	0.55	60.56	51.06	33.82	35.790	39.806	29.372	0.69	60.56
2.11	0.08	61.22	51.14	33.87	34.778	39.833	29.394	0.10	61.22
2.12	0.08	61.87	51.22	33.91	33.797	39.861	29.416	0.10	61.87
2.13	0.08	62.52	51.30	33.96	32.847	39.887	29.438	0.10	62.52
2.14	0.08	63.16	51.38	34.00	31.930	39.912	29.459	0.11	63.16
2.15	0.08	63.81	51.46	34.05	31.046	39.937	29.481	0.11	63.81
2.16	0.08	64.23	51.54	34.09	30.196	39.961	29.502	0.11	64.23
2.17	0.08	64.65	51.62	34.14	29.381	39.985	29.522	0.11	64.65
2.18	0.08	65.08	51.70	34.19	28.602	40.008	29.543	0.11	65.08
2.19	0.08	65.50	51.78	34.24	27.860	40.030	29.563	0.11	65.50
2.20	0.08	65.92	51.86	34.29	27.156	40.052	29.582	0.11	65.92
2.21	0.20	65.92	52.06	34.41	26.490	40.105	29.630	0.29	65.92
2.22	0.22	65.92	52.28	34.54	25.863	40.162	29.682	0.32	65.92
2.23	0.25	65.92	52.53	34.69	25.278	40.225	29.739	0.36	65.92
2.24	0.28	65.92	52.81	34.86	24.464	40.293	29.800	0.41	65.92
2.25	0.32	65.92	53.13	35.04	23.945	40.370	29.869	0.47	65.92
2.26	0.21	67.19	53.34	35.17	23.446	40.419	29.914	0.31	67.19
2.27	0.23	68.45	53.57	35.31	22.966	40.472	29.965	0.34	68.45
2.28	0.25	69.70	53.82	35.47	22.507	40.528	30.020	0.38	69.70
2.29	0.28	70.95	54.10	35.66	22.070	40.590	30.082	0.42	70.95
2.30	0.31	72.20	54.41	35.86	21.657	40.657	30.152	0.47	72.20
2.31	1.62	73.65	56.03	36.96	21.267	41.002	30.517	2.48	73.65
2.32	1.61	75.09	57.64	38.02	20.903	41.338	30.880	2.48	75.09
2.33	1.60	76.53	59.24	39.06	20.565	41.667	31.240	2.47	76.53
2.34	1.59	77.96	60.83	40.08	20.255	41.989	31.599	2.47	77.96

2.35	1.59	79.38	62.42	41.08	19.973	42.307	31.958	2.48	79.38
2.36	1.58	80.80	64.00	42.06	19.729	42.619	32.315	2.47	80.80
2.37	1.57	82.21	65.57	43.02	19.458	42.924	32.670	2.46	82.21
2.38	1.57	83.62	67.14	43.97	19.186	43.225	33.025	2.47	83.62
2.39	1.56	85.02	68.70	44.90	18.914	43.520	33.377	2.46	85.02
2.40	1.55	86.42	70.25	45.82	18.643	43.809	33.727	2.45	86.42
2.41	1.55	87.80	71.80	46.73	18.373	44.094	34.077	2.46	87.80
2.42	1.54	89.19	73.34	47.62	18.104	44.373	34.423	2.45	89.19
2.43	1.54	90.57	74.88	48.50	17.837	44.648	34.768	2.46	90.57
2.44	1.53	91.94	76.41	49.37	17.573	44.917	35.111	2.45	91.94
2.45	1.52	93.30	77.93	50.23	17.311	45.180	35.449	2.46	93.30
2.46	1.52	93.49	79.45	51.05	17.052	45.439	35.781	2.45	93.49
2.47	1.51	93.67	80.96	51.85	16.797	45.692	36.102	2.44	93.67
2.48	1.50	93.86	82.46	52.61	16.545	45.941	36.414	2.44	93.86
2.49	1.50	94.04	83.96	53.35	16.299	46.185	36.719	2.44	94.04
2.50	1.49	94.22	85.45	54.07	16.057	46.424	37.015	2.43	94.22
2.51	1.49	94.40	86.94	54.76	15.821	46.660	37.305	2.44	94.40
2.52	1.48	94.58	88.42	55.42	15.590	46.891	37.587	2.43	94.58
2.53	1.47	94.76	89.89	56.07	15.366	47.117	37.861	2.42	94.76
2.54	1.47	94.94	91.36	56.69	15.148	47.339	38.130	2.43	94.94
2.55	1.46	95.12	92.82	57.30	14.938	47.557	38.391	2.42	95.12
2.56	1.46	95.30	94.28	57.89	14.791	47.773	38.648	2.42	95.30
2.57	1.45	95.47	95.73	58.46	14.581	47.985	38.899	2.41	95.47
2.58	1.45	95.65	97.18	59.01	14.370	48.193	39.144	2.42	95.65
2.59	1.44	95.83	98.62	59.55	14.160	48.397	39.383	2.40	95.83
2.60	1.43	96.00	100.05	60.07	13.949	48.597	39.615	2.39	96.00

HEAD ASH %	60.07	CLEAN COAL ASH %	39.62	REFUSE ASH %	79.41
THEO. YIELD	60.11	CLEAN COAL YIELD%	48.60	REFUSE YIELD%	51.40
SG OF SEPARATION	2.335	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	23.030	IMPERFECTION	0.212		
ORGANIC EFFCY.	80.85				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 16 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.19 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.37	0.32	0.37	0.32	100.000	0.370	0.320	0.0	0.32
1.25	0.36	0.62	0.73	0.47	100.000	0.730	0.468	0.0	0.62
1.26	0.36	0.92	1.09	0.62	100.000	1.090	0.617	0.0	0.92
1.27	0.36	1.22	1.45	0.77	100.000	1.450	0.767	0.0	1.22
1.28	0.35	1.52	1.80	0.91	100.000	1.800	0.913	0.0	1.52
1.29	0.35	1.81	2.15	1.06	100.000	2.150	1.059	0.0	1.81
1.30	0.35	2.10	2.50	1.20	100.000	2.500	1.205	0.0	2.10
1.31	0.35	2.39	2.85	1.35	100.000	2.850	1.351	0.0	2.39
1.32	0.34	2.82	3.19	1.51	100.000	3.190	1.507	0.0	2.82
1.33	0.34	3.39	3.53	1.69	100.000	3.530	1.688	0.0	3.39
1.34	0.34	3.95	3.87	1.89	100.000	3.870	1.887	0.0	3.95
1.35	0.34	4.51	4.21	2.10	100.000	4.210	2.099	0.0	4.51
1.36	0.33	5.06	4.54	2.31	100.000	4.540	2.314	0.0	5.06
1.37	0.33	5.61	4.87	2.54	100.000	4.870	2.538	0.0	5.61
1.38	0.33	6.16	5.20	2.77	100.000	5.200	2.767	0.0	6.16
1.39	0.33	6.70	5.53	3.00	100.000	5.530	3.002	0.0	6.70
1.40	0.32	7.24	5.85	3.23	100.000	5.850	3.234	0.0	7.24
1.41	1.22	7.52	7.07	3.97	99.950	7.069	3.973	0.00	7.52
1.42	1.28	7.79	8.35	4.56	99.887	8.348	4.558	0.00	7.79
1.43	1.34	8.06	9.69	5.04	99.810	9.685	5.041	0.01	8.06
1.44	1.39	8.33	11.08	5.46	99.722	11.072	5.453	0.01	8.33
1.45	1.44	8.60	12.52	5.82	99.623	12.506	5.814	0.02	8.60
1.46	1.50	8.90	14.02	6.25	99.513	13.999	6.250	0.02	8.90
1.47	1.55	11.19	15.57	6.75	99.394	15.539	6.740	0.03	11.19
1.48	1.60	12.47	17.17	7.28	99.265	17.128	7.271	0.04	12.47
1.49	1.65	13.75	18.82	7.85	99.129	18.763	7.836	0.05	13.75
1.50	1.70	15.01	20.52	8.44	98.985	20.446	8.426	0.06	15.01
1.51	1.75	15.85	22.27	9.02	98.835	22.176	9.005	0.07	15.85
1.52	1.81	16.68	24.08	9.60	98.696	23.961	9.577	0.08	16.68
1.53	1.85	17.50	25.93	10.16	98.409	25.782	10.137	0.10	17.50
1.54	1.87	18.32	27.80	10.71	98.159	27.617	10.680	0.12	18.32
1.55	1.88	19.14	29.68	11.24	97.708	29.454	11.208	0.14	19.14
1.56	1.88	20.05	31.56	11.77	97.373	31.285	11.725	0.17	20.05
1.57	1.86	20.95	33.42	12.28	97.001	33.089	12.228	0.19	20.95
1.58	1.83	21.85	35.25	12.78	96.596	34.857	12.716	0.21	21.85
1.59	1.78	22.74	37.03	13.26	96.164	36.568	13.186	0.23	22.74
1.60	1.72	23.63	38.75	13.72	95.711	38.214	13.635	0.25	23.63
1.61	1.68	24.42	40.43	14.16	95.240	39.815	14.069	0.27	24.42
1.62	1.65	25.22	42.08	14.59	94.758	41.378	14.490	0.29	25.22
1.63	1.61	26.01	43.69	15.01	94.486	42.899	14.899	0.30	26.01
1.64	1.56	26.81	45.25	15.42	93.912	44.364	15.292	0.32	26.81
1.65	1.49	27.61	46.74	15.81	93.278	45.754	15.666	0.34	27.61
1.66	1.40	28.42	48.14	16.18	92.586	47.050	16.018	0.35	28.42
1.67	1.29	29.24	49.43	16.52	91.837	48.235	16.342	0.35	29.24
1.68	1.18	30.07	50.61	16.83	91.034	49.309	16.641	0.35	30.07
1.69	1.04	30.90	51.65	17.12	90.178	50.247	16.908	0.34	30.90
1.70	0.89	31.73	52.54	17.36	89.079	51.040	17.138	0.33	31.73
1.71	0.78	32.75	53.32	17.59	88.106	51.727	17.345	0.31	32.75
1.72	0.72	33.77	54.04	17.81	87.084	52.354	17.542	0.31	33.77

1.73	0.67	34.77	54.71	18.01	86.015	52.930	17.730	0.31	34.77
1.74	0.63	35.78	55.34	18.22	84.903	53.465	17.910	0.32	35.78
1.75	0.58	36.77	55.92	18.41	83.752	53.951	18.080	0.32	36.77
1.76	0.55	37.03	56.47	18.59	82.565	54.405	18.238	0.32	37.03
1.77	0.51	37.28	56.98	18.76	81.345	54.820	18.382	0.32	37.28
1.78	0.49	37.53	57.47	18.92	80.095	55.212	18.518	0.33	37.53
1.79	0.46	37.79	57.93	19.07	78.819	55.575	18.644	0.33	37.79
1.80	0.45	38.04	58.38	19.21	77.520	55.924	18.765	0.34	38.04
1.81	0.43	38.07	58.81	19.35	76.201	56.252	18.877	0.34	38.07
1.82	0.41	38.09	59.22	19.48	74.866	56.559	18.982	0.35	38.09
1.83	0.40	38.12	59.62	19.61	73.618	56.853	19.081	0.35	38.12
1.84	0.39	38.15	60.01	19.73	72.161	57.134	19.175	0.36	38.15
1.85	0.38	38.18	60.39	19.84	70.640	57.403	19.264	0.37	38.18
1.86	0.39	39.37	60.78	19.97	69.067	57.672	19.358	0.40	39.37
1.87	0.39	40.56	61.17	20.10	67.451	57.935	19.454	0.43	40.56
1.88	0.41	41.73	61.58	20.24	65.803	58.205	19.557	0.47	41.73
1.89	0.43	42.91	62.01	20.40	64.136	58.481	19.667	0.52	42.91
1.90	0.45	44.07	62.46	20.57	62.458	58.762	19.784	0.57	44.07
1.91	0.48	44.75	62.94	20.75	60.782	59.054	19.907	0.63	44.75
1.92	0.52	45.43	63.46	20.96	59.118	59.361	20.040	0.71	45.43
1.93	0.55	46.10	64.01	21.17	57.478	59.677	20.178	0.78	46.10
1.94	0.57	46.78	64.58	21.40	55.871	59.996	20.319	0.84	46.78
1.95	0.60	47.44	65.18	21.64	54.309	60.322	20.465	0.92	47.44
1.96	0.62	48.33	65.80	21.89	52.802	60.649	20.616	0.98	48.33
1.97	0.63	49.22	66.43	22.15	51.362	60.972	20.768	1.03	49.22
1.98	0.65	50.10	67.08	22.42	50.000	61.297	20.923	1.09	50.10
1.99	0.66	50.97	67.74	22.70	48.690	61.619	21.080	1.14	50.97
2.00	0.66	51.84	68.40	22.98	47.399	61.932	21.235	1.16	51.84
2.01	0.21	52.46	68.61	23.07	46.130	62.029	21.284	0.38	52.46
2.02	0.25	53.08	68.86	23.18	44.882	62.141	21.341	0.46	53.08
2.03	0.29	53.69	69.15	23.31	43.657	62.267	21.407	0.55	53.69
2.04	0.31	54.30	69.46	23.44	42.455	62.399	21.476	0.60	54.30
2.05	0.32	54.90	69.78	23.59	41.278	62.531	21.547	0.63	54.90
2.06	2.06	54.90	71.84	24.49	40.126	63.358	21.982	4.14	54.90
2.07	1.97	54.90	73.81	25.30	39.001	64.126	22.377	4.03	54.90
2.08	1.80	54.91	75.61	26.00	37.902	64.808	22.719	3.75	54.91
2.09	1.55	54.91	77.16	26.58	36.832	65.379	23.000	3.29	54.91
2.10	1.22	54.91	78.38	27.03	35.790	65.816	23.212	2.63	54.91
2.11	0.24	54.91	78.62	27.11	34.778	65.899	23.252	0.53	54.91
2.12	0.24	54.91	78.86	27.19	33.797	65.980	23.291	0.53	54.91
2.13	0.24	54.91	79.10	27.28	32.847	66.059	23.329	0.54	54.91
2.14	0.24	54.91	79.34	27.36	31.930	66.136	23.365	0.55	54.91
2.15	0.24	54.91	79.58	27.45	31.046	66.210	23.401	0.56	54.91
2.16	0.02	55.60	79.60	27.45	30.196	66.216	23.404	0.05	55.60
2.17	0.02	56.28	79.62	27.46	29.381	66.222	23.407	0.05	56.28
2.18	0.02	56.96	79.64	27.47	28.602	66.228	23.410	0.05	56.96
2.19	0.02	57.64	79.66	27.47	27.860	66.233	23.412	0.05	57.64
2.20	0.02	58.31	79.68	27.48	27.156	66.239	23.415	0.05	58.31
2.21	0.55	59.00	80.23	27.70	26.490	66.385	23.493	1.36	59.00
2.22	0.58	59.68	80.81	27.93	25.863	66.535	23.575	1.44	59.68
2.23	0.60	60.35	81.41	28.17	25.278	66.686	23.659	1.50	60.35
2.24	0.61	61.03	82.02	28.41	24.464	66.836	23.742	1.55	61.03
2.25	0.61	61.70	82.63	28.66	23.945	66.982	23.825	1.56	61.70
2.26	0.61	62.24	83.24	28.90	23.446	67.125	23.907	1.57	62.24
2.27	0.60	62.79	83.84	29.15	22.966	67.262	23.986	1.55	62.79
2.28	0.58	63.33	84.42	29.38	22.507	67.393	24.063	1.51	63.33
2.29	0.55	63.87	84.97	29.60	22.070	67.514	24.134	1.44	63.87
2.30	0.52	64.41	85.49	29.82	21.657	67.627	24.201	1.37	64.41
2.31	0.58	64.41	86.07	30.05	21.267	67.750	24.274	1.53	64.41
2.32	0.58	64.41	86.65	30.28	20.903	67.872	24.346	1.54	64.41
2.33	.58	64.41	87.23	30.51	20.565	67.991	24.416	55	64.41
2.34	.57	64.41	87.80	30.73	20.255	68.106	24.484	53	64.41

2.35	0.57	64.41	88.37	30.94	19.973	68.220	24.551	1.53	64.41
2.36	0.57	64.41	88.94	31.16	19.729	68.333	24.617	1.54	64.41
2.37	0.57	64.41	89.51	31.37	19.458	68.443	24.681	1.54	64.41
2.38	0.56	64.41	90.07	31.57	19.186	68.551	24.743	1.52	64.41
2.39	0.56	64.41	90.63	31.78	18.914	68.657	24.804	1.52	64.41
2.40	0.56	64.41	91.19	31.98	18.643	68.761	24.865	1.53	64.41
2.41	0.56	64.41	91.75	32.18	18.373	68.864	24.924	1.53	64.41
2.42	0.55	64.41	92.30	32.37	18.104	68.964	24.981	1.51	64.41
2.43	0.55	64.41	92.85	32.56	17.837	69.062	25.037	1.52	64.41
2.44	0.55	64.41	93.40	32.75	17.573	69.158	25.092	1.52	64.41
2.45	0.55	64.41	93.95	32.93	17.311	69.254	25.146	1.53	64.41
2.46	0.42	66.58	94.37	33.08	17.092	69.325	25.188	1.17	66.58
2.47	0.42	68.73	94.79	33.24	16.797	69.396	25.233	1.17	68.73
2.48	0.41	70.88	95.20	33.40	16.545	69.464	25.277	1.15	70.88
2.49	0.41	73.02	95.61	33.57	16.299	69.530	25.323	1.15	73.02
2.50	0.41	75.15	96.02	33.75	16.057	69.596	25.370	1.15	75.15
2.51	0.41	77.27	96.43	33.93	15.821	69.661	25.419	1.16	77.27
2.52	0.41	79.39	96.84	34.13	15.590	69.725	25.468	1.16	79.39
2.53	0.41	81.49	97.25	34.33	15.366	69.788	25.519	1.16	81.49
2.54	0.41	83.59	97.66	34.53	15.148	69.850	25.571	1.17	83.59
2.55	0.40	85.68	98.06	34.74	14.938	69.910	25.622	1.14	85.68
2.56	0.40	87.76	98.46	34.96	14.791	69.969	25.674	1.14	87.76
2.57	0.40	89.83	98.86	35.18	14.581	70.027	25.728	1.15	89.83
2.58	0.40	91.90	99.26	35.41	14.370	70.085	25.782	1.15	91.90
2.59	0.40	93.95	99.66	35.64	14.160	70.142	25.837	1.15	93.95
2.60	0.40	96.00	100.06	35.88	13.949	70.197	25.893	1.15	96.00

HEAD ASH %	35.88	CLEAN COAL ASH %	25.89	REFUSE ASH %	59.41
THEO. YIELD	75.83	CLEAN COAL YIELD%	70.20	REFUSE YIELD%	29.80
SG OF SEPARATION	2.078	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	12.659	IMPERFECTION	0.212		
ORGANIC EFFCY.	93.19				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 17 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.70 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.44	0.42	0.44	0.42	100.000	0.440	0.420	0.0	0.42
1.25	0.43	0.83	0.87	0.62	100.000	0.870	0.623	0.0	0.83
1.26	0.43	1.23	1.30	0.82	100.000	1.300	0.824	0.0	1.23
1.27	0.43	1.63	1.73	1.02	100.000	1.730	1.024	0.0	1.63
1.28	0.42	2.03	2.15	1.22	100.000	2.150	1.221	0.0	2.03
1.29	0.42	2.43	2.57	1.42	100.000	2.570	1.418	0.0	2.43
1.30	0.42	2.82	2.99	1.62	100.000	2.990	1.615	0.0	2.82
1.31	0.41	3.21	3.40	1.81	100.000	3.400	1.807	0.0	3.21
1.32	0.41	3.65	3.81	2.01	100.000	3.810	2.006	0.0	3.65
1.33	0.41	4.15	4.22	2.21	100.000	4.220	2.214	0.0	4.15
1.34	0.40	4.64	4.62	2.42	100.000	4.620	2.424	0.0	4.64
1.35	0.40	5.13	5.02	2.64	100.000	5.020	2.640	0.0	5.13
1.36	0.40	5.62	5.42	2.86	100.000	5.420	2.860	0.0	5.62
1.37	0.40	6.10	5.82	3.08	100.000	5.820	3.082	0.0	6.10
1.38	0.39	6.58	6.21	3.30	100.000	6.210	3.302	0.0	6.58
1.39	0.39	7.06	6.60	3.52	100.000	6.600	3.524	0.0	7.06
1.40	0.39	7.53	6.99	3.75	100.000	6.990	3.748	0.0	7.53
1.41	2.39	7.69	9.38	4.75	99.950	9.379	4.752	0.01	7.69
1.42	2.58	7.85	11.96	5.42	99.887	11.956	5.420	0.02	7.85
1.43	2.73	8.01	14.69	5.90	99.810	14.681	5.900	0.03	8.01
1.44	2.83	8.17	17.52	6.27	99.722	17.503	6.266	0.04	8.17
1.45	2.88	8.33	20.40	6.56	99.623	20.372	6.557	0.06	8.33
1.46	2.88	9.58	23.28	6.93	99.513	23.238	6.930	0.07	9.58
1.47	2.84	10.81	26.12	7.35	99.394	26.061	7.350	0.09	10.81
1.48	2.75	12.04	28.87	7.80	99.265	28.791	7.795	0.11	12.04
1.49	2.61	13.26	31.48	8.25	99.129	31.378	8.245	0.12	13.26
1.50	2.42	14.47	33.90	8.70	98.985	33.773	8.687	0.13	14.47
1.51	2.32	15.55	36.22	9.14	98.835	36.066	9.123	0.14	15.55
1.52	2.32	16.62	38.54	9.59	98.636	38.355	9.571	0.17	16.62
1.53	2.31	17.69	40.85	10.04	98.409	40.628	10.025	0.19	17.69
1.54	2.29	18.74	43.14	10.51	98.159	42.876	10.482	0.22	18.74
1.55	2.26	19.79	45.40	10.97	97.708	45.084	10.938	0.27	19.79
1.56	2.21	20.53	47.61	11.41	97.373	47.236	11.375	0.31	20.53
1.57	2.16	21.27	49.77	11.84	97.001	49.331	11.795	0.34	21.27
1.58	2.09	22.00	51.86	12.25	96.596	51.350	12.196	0.37	22.00
1.59	2.01	22.73	53.87	12.64	96.164	53.283	12.578	0.41	22.73
1.60	1.92	23.45	55.79	13.01	95.711	55.120	12.941	0.43	23.45
1.61	1.82	24.11	57.61	13.36	95.240	56.854	13.281	0.46	24.11
1.62	1.72	24.78	59.33	13.69	94.758	58.484	13.602	0.47	24.78
1.63	1.63	25.43	60.96	14.01	94.486	60.024	13.905	0.47	25.43
1.64	1.54	26.09	62.50	14.31	93.912	61.470	14.192	0.49	26.09
1.65	1.45	26.74	63.95	14.59	93.278	62.823	14.462	0.51	26.74
1.66	1.37	27.82	65.32	14.87	92.586	64.091	14.726	0.53	27.82
1.67	1.28	28.89	66.60	15.13	91.837	65.266	14.982	0.55	28.89
1.68	1.20	29.96	67.80	15.40	91.034	66.359	15.228	0.57	29.96
1.69	1.12	31.02	68.92	15.65	90.178	67.369	15.465	0.58	31.02
1.70	1.04	32.07	69.96	15.90	89.079	68.295	15.690	0.60	32.07
1.71	1.00	33.17	70.96	16.14	88.106	69.176	15.913	0.63	33.17
1.72	0.97	34.25	71.93	16.38	87.084	70.021	16.134	0.66	34.25

1.73	0.93	35.34	72.86	16.62	86.015	70.821	16.351	0.68	35.34
1.74	0.88	36.41	73.74	16.86	84.903	71.568	16.560	0.70	36.41
1.75	0.82	37.48	74.56	17.09	83.752	72.255	16.759	0.70	37.48
1.76	0.73	37.91	75.29	17.29	82.565	72.858	16.934	0.67	37.91
1.77	0.64	38.33	75.93	17.47	81.345	73.378	17.086	0.63	38.33
1.78	0.53	38.75	76.46	17.61	80.095	73.803	17.211	0.55	38.75
1.79	0.41	39.17	76.87	17.73	78.819	74.126	17.306	0.46	39.17
1.80	0.27	39.59	77.14	17.81	77.520	74.335	17.369	0.32	39.59
1.81	0.20	40.10	77.34	17.86	76.201	74.488	17.416	0.25	40.10
1.82	0.19	40.60	77.53	17.92	74.866	74.630	17.460	0.25	40.60
1.83	0.19	41.10	77.72	17.98	73.618	74.770	17.504	0.26	41.10
1.84	0.18	41.60	77.90	18.03	72.161	74.900	17.546	0.26	41.60
1.85	0.18	42.09	78.08	18.09	70.640	75.027	17.587	0.28	42.09
1.86	0.18	42.84	78.26	18.14	69.067	75.151	17.629	0.29	42.84
1.87	0.18	43.59	78.44	18.20	67.451	75.273	17.671	0.31	43.59
1.88	0.19	44.34	78.63	18.26	65.803	75.398	17.715	0.34	44.34
1.89	0.19	45.08	78.82	18.33	64.136	75.519	17.759	0.36	45.08
1.90	0.20	45.82	79.02	18.40	62.458	75.644	17.806	0.39	45.82
1.91	0.20	46.28	79.22	18.47	60.782	75.766	17.851	0.41	46.28
1.92	0.20	46.73	79.42	18.54	59.118	75.884	17.896	0.43	46.73
1.93	0.20	47.18	79.62	18.61	57.478	75.999	17.941	0.45	47.18
1.94	0.20	47.63	79.82	18.68	55.871	76.111	17.984	0.46	47.63
1.95	0.20	48.08	80.02	18.76	54.309	76.219	18.027	0.48	48.08
1.96	0.20	48.95	80.22	18.83	52.802	76.325	18.070	0.50	48.95
1.97	0.20	49.81	80.42	18.91	51.362	76.428	18.113	0.51	49.81
1.98	0.20	50.66	80.62	18.99	50.000	76.528	18.155	0.53	50.66
1.99	0.21	51.52	80.83	19.07	48.690	76.630	18.200	0.57	51.52
2.00	0.21	52.36	81.04	19.16	47.399	76.730	18.244	0.58	52.36
2.01	0.24	52.98	81.28	19.26	46.130	76.840	18.294	0.68	52.98
2.02	0.28	53.60	81.56	19.38	44.882	76.966	18.352	0.81	53.60
2.03	0.31	54.22	81.87	19.51	43.657	77.101	18.415	0.92	54.22
2.04	0.34	54.83	82.21	19.66	42.455	77.246	18.483	1.03	54.83
2.05	0.35	55.44	82.56	19.81	41.278	77.390	18.552	1.08	55.44
2.06	0.35	55.94	82.91	19.96	40.126	77.531	18.619	1.10	55.94
2.07	0.34	56.43	83.25	20.11	39.001	77.663	18.684	1.09	56.43
2.08	0.32	56.92	83.57	20.25	37.902	77.784	18.744	1.04	56.92
2.09	0.28	57.40	83.85	20.37	36.832	77.888	18.795	0.93	57.40
2.10	0.24	57.89	84.09	20.48	35.790	77.973	18.838	0.81	57.89
2.11	0.18	58.33	84.27	20.56	34.778	78.036	18.870	0.62	58.33
2.12	0.12	58.76	84.39	20.62	33.797	78.077	18.890	0.42	58.76
2.13	0.07	59.19	84.46	20.65	32.847	78.100	18.902	0.25	59.19
2.14	0.03	59.62	84.49	20.66	31.930	78.109	18.907	0.11	59.62
2.15	0.01	60.05	84.50	20.67	31.046	78.112	18.909	0.04	60.05
2.16	0.01	60.53	84.51	20.67	30.196	78.115	18.910	0.04	60.53
2.17	0.02	61.00	84.53	20.68	29.381	78.121	18.913	0.07	61.00
2.18	0.04	61.48	84.57	20.70	28.602	78.133	18.920	0.15	61.48
2.19	0.08	61.95	84.65	20.74	27.860	78.155	18.932	0.30	61.95
2.20	0.13	62.42	84.78	20.80	27.156	78.190	18.952	0.50	62.42
2.21	0.16	62.67	84.94	20.88	26.490	78.233	18.975	0.62	62.67
2.22	0.18	62.93	85.12	20.97	25.863	78.279	19.001	0.70	62.93
2.23	0.19	63.18	85.31	21.06	25.278	78.327	19.029	0.75	63.18
2.24	0.21	63.43	85.52	21.17	24.464	78.379	19.058	0.83	63.43
2.25	0.22	63.69	85.74	21.28	23.945	78.431	19.088	0.88	63.69
2.26	0.24	64.41	85.98	21.40	23.446	78.487	19.120	0.97	64.41
2.27	0.26	65.12	86.24	21.53	22.966	78.547	19.155	1.05	65.12
2.28	0.27	65.84	86.51	21.67	22.507	78.608	19.191	1.10	65.84
2.29	0.29	66.55	86.80	21.82	22.070	78.672	19.230	1.19	66.55
2.30	0.31	67.26	87.11	21.98	21.657	78.739	19.271	1.28	67.26
2.31	0.46	67.36	87.57	22.22	21.267	78.837	19.330	1.90	67.36
2.32	0.45	67.47	88.02	22.45	20.903	78.931	19.388	1.87	67.47
2.33	0.45	67.58	88.47	22.68	20.565	79.024	19.444	1.88	67.58
2.34	0.45	67.69	88.92	22.91	20.255	79.115	19.500	1.89	67.69

2.35	0.45	67.79	89.37	23.13	19.973	79.205	19.555	1.89	67.79
2.36	0.45	67.90	89.82	23.36	19.729	79.293	19.609	1.90	67.90
2.37	0.44	68.00	90.26	23.58	19.458	79.379	19.661	1.86	68.00
2.38	0.44	68.11	90.70	23.79	19.186	79.463	19.712	1.87	68.11
2.39	0.44	68.21	91.14	24.01	18.914	79.547	19.763	1.88	68.21
2.40	0.44	68.32	91.58	24.22	18.643	79.629	19.813	1.88	68.32
2.41	0.44	68.42	92.02	24.43	18.373	79.709	19.862	1.89	68.42
2.42	0.44	68.52	92.46	24.64	18.104	79.789	19.911	1.89	68.52
2.43	0.43	68.63	92.89	24.84	17.837	79.866	19.958	1.86	68.63
2.44	0.43	68.73	93.32	25.05	17.573	79.941	20.004	1.86	68.73
2.45	0.43	68.83	93.75	25.25	17.311	80.016	20.049	1.87	68.83
2.46	0.43	70.69	94.18	25.45	17.052	80.089	20.096	1.88	70.69
2.47	0.43	72.55	94.61	25.67	16.797	80.161	20.143	1.88	72.55
2.48	0.42	74.39	95.03	25.88	16.545	80.231	20.190	1.84	74.39
2.49	0.42	76.23	95.45	26.10	16.299	80.299	20.238	1.85	76.23
2.50	0.42	78.07	95.87	26.33	16.057	80.367	20.286	1.85	78.07
2.51	0.42	79.89	96.29	26.57	15.821	80.433	20.338	1.86	79.89
2.52	0.42	81.71	96.71	26.81	15.590	80.499	20.385	1.86	81.71
2.53	0.42	83.52	97.13	27.05	15.366	80.563	20.436	1.87	83.52
2.54	0.41	85.32	97.54	27.30	15.148	80.625	20.486	1.83	85.32
2.55	0.41	87.12	97.95	27.55	14.938	80.687	20.537	1.83	87.12
2.56	0.41	88.91	98.36	27.80	14.791	80.747	20.588	1.84	88.91
2.57	0.41	90.69	98.77	28.06	14.581	80.807	20.640	1.84	90.69
2.58	0.41	92.47	99.18	28.33	14.370	80.866	20.692	1.85	92.47
2.59	0.41	94.24	99.59	28.60	14.160	80.924	20.745	1.85	94.24
2.60	0.40	96.00	99.99	28.87	13.949	80.980	20.797	1.81	96.00

HEAD ASH %	28.87	CLEAN COAL ASH %	20.80	REFUSE ASH %	63.24
THEO. YIELD	84.77	CLEAN COAL YIELD%	80.98	REFUSE YIELD%	19.02
SG OF SEPARATION	2.199	ECART PROB MOYEN	0.2076		
NEAR GRAVITY MAT	3.013	IMPERFECTION	0.212		
ORGANIC EFFCY.	95.53				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 18 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 75.60 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.40	0.31	0.40	0.31	100.000	0.400	0.310	0.0	0.31
1.25	0.40	0.61	0.80	0.46	100.000	0.800	0.460	0.0	0.61
1.26	0.39	0.91	1.19	0.61	100.000	1.190	0.607	0.0	0.91
1.27	0.39	1.21	1.58	0.76	100.000	1.580	0.756	0.0	1.21
1.28	0.39	1.50	1.97	0.90	100.000	1.970	0.903	0.0	1.50
1.29	0.39	1.79	2.36	1.05	100.000	2.360	1.050	0.0	1.79
1.30	0.38	2.08	2.74	1.19	100.000	2.740	1.193	0.0	2.08
1.31	0.38	2.37	3.12	1.34	100.000	3.120	1.336	0.0	2.37
1.32	0.38	2.82	3.50	1.50	100.000	3.500	1.497	0.0	2.82
1.33	0.37	3.44	3.87	1.68	100.000	3.870	1.683	0.0	3.44
1.34	0.37	4.05	4.24	1.89	100.000	4.240	1.890	0.0	4.05
1.35	0.37	4.65	4.61	2.11	100.000	4.610	2.111	0.0	4.65
1.36	0.37	5.25	4.98	2.34	100.000	4.980	2.344	0.0	5.25
1.37	0.36	5.85	5.34	2.58	100.000	5.340	2.581	0.0	5.85
1.38	0.36	6.45	5.70	2.83	100.000	5.700	2.825	0.0	6.45
1.39	0.36	7.03	6.06	3.07	100.000	6.060	3.075	0.0	7.03
1.40	0.35	7.62	6.41	3.32	100.000	6.410	3.323	0.0	7.62
1.41	1.24	7.92	7.65	4.07	99.950	7.649	4.068	0.00	7.92
1.42	1.32	8.21	8.97	4.68	99.887	8.968	4.677	0.01	8.21
1.43	1.41	8.51	10.38	5.20	99.810	10.375	5.197	0.01	8.51
1.44	1.49	8.80	11.87	5.65	99.722	11.861	5.648	0.02	8.80
1.45	1.58	9.09	13.45	6.05	99.623	13.435	6.051	0.02	9.09
1.46	1.67	10.17	15.12	6.51	99.513	15.097	6.505	0.03	10.17
1.47	1.75	11.25	16.87	7.00	99.394	16.836	6.995	0.04	11.25
1.48	1.84	12.31	18.71	7.52	99.265	18.663	7.515	0.05	12.31
1.49	1.93	13.37	20.64	8.07	99.129	20.576	8.060	0.07	13.37
1.50	2.02	14.43	22.66	8.64	98.985	22.576	8.624	0.08	14.43
1.51	2.13	15.12	24.79	9.19	98.835	24.681	9.178	0.10	15.12
1.52	2.23	15.82	27.02	9.74	98.636	26.880	9.721	0.12	15.82
1.53	2.31	16.51	29.33	10.27	98.409	29.154	10.251	0.15	16.51
1.54	2.36	17.19	31.69	10.79	98.159	31.470	10.762	0.17	17.19
1.55	2.38	17.87	34.07	11.28	97.708	33.796	11.251	0.22	17.87
1.56	2.38	18.57	36.45	11.76	97.373	36.113	11.720	0.25	18.57
1.57	2.36	19.27	38.81	12.22	97.001	38.402	12.170	0.28	19.27
1.58	2.30	19.96	41.11	12.65	96.596	40.624	12.596	0.31	19.96
1.59	2.23	20.64	43.34	13.06	96.164	42.768	13.000	0.34	20.64
1.60	2.12	21.32	45.46	13.45	95.711	44.797	13.377	0.36	21.32
1.61	2.07	21.98	47.53	13.82	95.240	46.769	13.739	0.39	21.98
1.62	2.07	22.63	49.60	14.19	94.758	48.730	14.097	0.43	22.63
1.63	2.03	23.27	51.63	14.54	94.486	50.649	14.445	0.45	23.27
1.64	1.97	23.91	53.60	14.89	93.912	52.499	14.778	0.48	23.91
1.65	1.87	24.55	55.47	15.21	93.278	54.243	15.092	0.50	24.55
1.66	1.75	25.49	57.22	15.53	92.586	55.863	15.394	0.52	25.49
1.67	1.59	26.43	58.81	15.82	91.837	57.323	15.675	0.52	26.43
1.68	1.41	27.36	60.22	16.09	91.034	58.607	15.931	0.51	27.36
1.69	1.19	28.29	61.41	16.33	90.178	59.680	16.153	0.47	28.29
1.70	0.95	29.21	62.36	16.52	89.079	60.526	16.336	0.42	28.21
1.71	0.78	30.16	63.14	16.69	88.106	61.214	16.491	0.37	30.16
1.72	0.72	31.10	63.86	16.86	87.084	61.841	16.639	0.37	31.10

1.73	0.66	32.03	64.52	17.01	86.015	62.408	16.779	0.37	32.03
1.74	0.61	32.96	65.13	17.16	84.903	62.926	16.912	0.37	32.96
1.75	0.56	33.88	65.69	17.30	83.752	63.395	17.038	0.36	33.88
1.76	0.52	34.75	66.21	17.44	82.565	63.824	17.157	0.36	34.75
1.77	0.49	35.60	66.70	17.57	81.345	64.223	17.271	0.37	35.60
1.78	0.46	36.45	67.16	17.70	80.095	64.592	17.381	0.37	36.45
1.79	0.44	37.30	67.60	17.83	78.819	64.938	17.487	0.37	37.30
1.80	0.42	38.14	68.02	17.95	77.520	65.264	17.590	0.38	38.14
1.81	0.42	39.05	68.44	18.08	76.201	65.584	17.695	0.40	39.05
1.82	0.42	39.96	68.86	18.22	74.866	65.898	17.801	0.42	39.96
1.83	0.42	40.86	69.28	18.36	73.618	66.208	17.909	0.44	40.86
1.84	0.42	41.76	69.70	18.50	72.161	66.511	18.018	0.47	41.76
1.85	0.41	42.65	70.11	18.64	70.640	66.800	18.124	0.48	42.65
1.86	0.40	43.19	70.51	18.78	69.067	67.077	18.228	0.50	43.19
1.87	0.39	43.73	70.90	18.91	67.451	67.340	18.327	0.51	43.73
1.88	0.37	44.27	71.27	19.05	65.803	67.583	18.421	0.51	44.27
1.89	0.35	44.81	71.62	19.17	64.136	67.808	18.508	0.50	44.81
1.90	0.33	45.34	71.95	19.29	62.458	68.014	18.589	0.50	45.34
1.91	0.30	45.50	72.25	19.40	60.782	68.196	18.661	0.47	45.50
1.92	0.27	45.65	72.52	19.50	59.118	68.356	18.724	0.44	45.65
1.93	0.24	45.81	72.76	19.58	57.478	68.494	18.779	0.41	45.81
1.94	0.23	45.96	72.99	19.67	55.871	68.622	18.830	0.41	45.96
1.95	0.22	46.12	73.21	19.75	54.309	68.742	18.877	0.40	46.12
1.96	0.22	47.23	73.43	19.83	52.802	68.856	18.925	0.42	47.23
1.97	0.22	48.33	73.65	19.91	51.362	68.971	18.973	0.43	48.33
1.98	0.24	49.43	73.89	20.01	50.000	69.091	19.026	0.48	49.43
1.99	0.26	50.52	74.15	20.12	48.690	69.217	19.084	0.53	50.52
2.00	0.29	51.61	74.44	20.24	47.399	69.355	19.148	0.61	51.61
2.01	0.12	52.44	74.56	20.29	46.130	69.410	19.175	0.26	52.44
2.02	0.14	53.27	74.70	20.35	44.882	69.473	19.206	0.31	53.27
2.03	0.16	54.09	74.86	20.43	43.657	69.543	19.241	0.36	54.09
2.04	0.17	54.91	75.03	20.50	42.455	69.615	19.278	0.39	54.91
2.05	0.17	55.72	75.20	20.58	41.278	69.685	19.314	0.40	55.72
2.06	0.79	55.72	75.99	20.95	40.126	70.002	19.479	1.90	55.72
2.07	0.76	55.72	76.75	21.29	39.001	70.299	19.632	1.86	55.72
2.08	0.70	55.72	77.45	21.60	37.902	70.564	19.768	1.74	55.72
2.09	0.62	55.72	78.07	21.88	36.832	70.792	19.884	1.57	55.72
2.10	0.51	55.72	78.58	22.10	35.790	70.975	19.976	1.31	55.72
2.11	0.35	55.72	78.93	22.24	34.778	71.096	20.037	0.91	55.72
2.12	0.25	55.72	79.18	22.35	33.797	71.181	20.079	0.66	55.72
2.13	0.17	55.72	79.35	22.42	32.847	71.237	20.107	0.46	55.72
2.14	0.12	55.73	79.47	22.47	31.930	71.275	20.126	0.33	55.73
2.15	0.08	55.73	79.55	22.51	31.046	71.300	20.139	0.22	55.73
2.16	0.01	56.31	79.56	22.51	30.196	71.303	20.140	0.03	56.31
2.17	0.02	56.89	79.58	22.52	29.381	71.309	20.143	0.06	56.89
2.18	0.02	57.47	79.60	22.53	28.602	71.315	20.146	0.06	57.47
2.19	0.04	58.04	79.64	22.54	27.860	71.326	20.152	0.12	58.04
2.20	0.05	58.62	79.69	22.57	27.156	71.339	20.160	0.15	58.62
2.21	0.21	58.91	79.90	22.66	26.490	71.395	20.190	0.62	58.91
2.22	0.22	59.20	80.12	22.76	25.863	71.452	20.221	0.65	59.20
2.23	0.23	59.50	80.35	22.87	25.278	71.510	20.253	0.69	59.50
2.24	0.25	59.79	80.60	22.98	24.464	71.571	20.287	0.76	59.79
2.25	0.27	60.08	80.87	23.11	23.945	71.636	20.323	0.82	60.08
2.26	0.29	61.43	81.16	23.24	23.446	71.704	20.362	0.89	61.43
2.27	0.31	62.78	81.47	23.39	22.966	71.775	20.404	0.96	62.78
2.28	0.33	64.12	81.80	23.56	22.507	71.849	20.449	1.02	64.12
2.29	0.36	65.45	82.16	23.74	22.070	71.929	20.499	1.12	65.45
2.30	0.38	66.78	82.54	23.94	21.657	72.011	20.551	1.19	66.78
2.31	0.62	67.68	83.16	24.27	21.267	72.143	20.638	1.96	67.68
2.32	0.62	68.57	83.78	24.59	20.903	72.272	20.724	1.97	68.57
2.33	.61	69.45	84.39	24.92	20.565	72.398	20.808	1.94	69.45
2.34	.61	70.34	85.00	25.24	20.255	72.521	20.892	1.95	70.34

2.35	0.61	71.22	85.61	25.57	19.973	72.643	20.977	.96	71.22
2.36	0.60	72.09	86.21	25.90	19.729	72.762	21.060	1.93	72.09
2.37	0.60	72.97	86.81	26.22	19.458	72.878	21.143	1.94	72.97
2.38	0.60	73.84	87.41	26.55	19.186	72.994	21.226	1.94	73.84
2.39	0.60	74.70	88.01	26.88	18.914	73.107	21.309	1.95	74.70
2.40	0.59	75.56	88.60	27.20	18.643	73.217	21.391	1.92	75.56
2.41	0.59	76.42	89.19	27.53	18.373	73.325	21.472	1.93	76.42
2.42	0.59	77.27	89.78	27.85	18.104	73.432	21.553	1.94	77.27
2.43	0.59	78.12	90.37	28.18	17.837	73.537	21.634	1.94	78.12
2.44	0.58	78.97	90.95	28.50	17.573	73.639	21.714	1.92	78.97
2.45	0.58	79.82	91.53	28.83	17.311	73.740	21.793	1.92	79.82
2.46	0.58	80.93	92.11	29.16	17.052	73.839	21.872	1.93	80.93
2.47	0.58	82.03	92.69	29.49	16.797	73.936	21.951	1.93	82.03
2.48	0.58	83.13	93.27	29.82	16.545	74.032	22.030	1.94	83.13
2.49	0.57	84.23	93.84	30.15	16.299	74.125	22.108	1.91	84.23
2.50	0.57	85.32	94.41	30.49	16.057	74.216	22.186	1.92	85.32
2.51	0.57	86.41	94.98	30.82	15.821	74.307	22.264	1.92	86.41
2.52	0.57	87.49	95.55	31.16	15.590	74.396	22.342	1.93	87.49
2.53	0.56	88.57	96.11	31.49	15.366	74.482	22.419	1.90	88.57
2.54	0.56	89.64	96.67	31.83	15.148	74.566	22.495	1.90	89.64
2.55	0.56	90.71	97.23	32.17	14.938	74.650	22.572	1.91	90.71
2.56	0.56	91.78	97.79	32.51	14.791	74.733	22.648	1.91	91.78
2.57	0.56	92.84	98.35	32.86	14.581	74.815	22.725	1.92	92.84
2.58	0.55	93.90	98.90	33.19	14.370	74.894	22.800	1.89	93.90
2.59	0.55	94.95	99.45	33.54	14.160	74.971	22.875	1.89	94.95
2.60	0.55	96.00	100.00	33.88	13.949	75.048	22.950	1.90	96.00

		CLEAN COAL ASH %	22.95	REFUSE ASH %	66.75
HEAD ASH %	33.88	CLEAN COAL YIELD%	75.05	REFUSE YIELD%	24.95
THEO. YIELD	80.53	ECART PROB. MOYEN	0.2076		
SG OF SEPARATION	2.237	IMPERFECTION	0.212		
NEAR GRAVITY MAT	5.388				
ORGANIC EFFCY.	93.20				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 19 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 78.93 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.26	0.29	0.26	0.29	100.000	0.260	0.290	0.0	0.29
1.25	0.29	0.56	0.55	0.43	100.000	0.550	0.432	0.0	0.56
1.26	0.32	0.83	0.87	0.58	100.000	0.870	0.579	0.0	0.83
1.27	0.35	1.10	1.22	0.73	100.000	1.220	0.728	0.0	1.10
1.28	0.37	1.36	1.59	0.88	100.000	1.590	0.875	0.0	1.36
1.29	0.40	1.63	1.99	1.03	100.000	1.990	1.027	0.0	1.63
1.30	0.42	1.89	2.41	1.18	100.000	2.410	1.177	0.0	1.89
1.31	0.44	2.15	2.85	1.33	100.000	2.850	1.328	0.0	2.15
1.32	0.46	2.61	3.31	1.51	100.000	3.310	1.506	0.0	2.61
1.33	0.47	3.27	3.78	1.73	100.000	3.780	1.725	0.0	3.27
1.34	0.49	3.92	4.27	1.98	100.000	4.270	1.977	0.0	3.92
1.35	0.50	4.57	4.77	2.25	100.000	4.770	2.249	0.0	4.57
1.36	0.51	5.21	5.28	2.53	100.000	5.280	2.535	0.0	5.21
1.37	0.52	5.84	5.80	2.83	100.000	5.800	2.831	0.0	5.84
1.38	0.53	6.48	6.33	3.14	100.000	6.330	3.137	0.0	6.48
1.39	0.54	7.11	6.87	3.45	100.000	6.870	3.449	0.0	7.11
1.40	0.54	7.73	7.41	3.76	100.000	7.410	3.761	0.0	7.73
1.41	0.55	7.82	7.96	4.04	99.950	7.960	4.041	0.00	7.82
1.42	0.56	7.92	8.52	4.30	99.887	8.519	4.296	0.00	7.92
1.43	0.60	8.01	9.12	4.54	99.810	9.118	4.540	0.00	8.01
1.44	0.65	8.10	9.77	4.78	99.722	9.766	4.776	0.01	8.10
1.45	0.71	8.20	10.48	5.01	99.623	10.473	5.007	0.01	8.20
1.46	0.80	9.23	11.28	5.31	99.513	11.270	5.306	0.01	9.23
1.47	0.90	10.25	12.18	5.67	99.394	12.164	5.669	0.02	10.25
1.48	1.01	11.27	13.19	6.10	99.265	13.167	6.096	0.02	11.27
1.49	1.15	12.28	14.34	6.60	99.129	14.307	6.589	0.03	12.28
1.50	1.30	13.28	15.64	7.15	98.985	15.593	7.141	0.04	13.28
1.51	1.47	13.72	17.11	7.72	98.835	17.046	7.701	0.06	13.72
1.52	1.65	14.16	18.76	8.28	98.636	18.674	8.264	0.07	14.16
1.53	1.78	14.59	20.54	8.83	98.409	20.426	8.807	0.09	14.59
1.54	1.88	15.03	22.42	9.35	98.159	22.271	9.323	0.11	15.03
1.55	1.94	15.46	24.36	9.84	97.708	24.166	9.804	0.14	15.46
1.56	1.97	17.00	26.33	10.37	97.373	26.085	10.333	0.17	17.00
1.57	1.96	18.53	28.29	10.94	97.001	27.986	10.890	0.19	18.53
1.58	1.91	20.05	30.20	11.51	96.596	29.831	11.456	0.21	20.05
1.59	1.82	21.56	32.02	12.09	96.164	31.581	12.016	0.22	21.56
1.60	1.70	23.06	33.72	12.64	95.711	33.208	12.558	0.23	23.06
1.61	1.64	24.26	35.36	13.18	95.240	34.770	13.083	0.25	24.26
1.62	1.66	25.45	37.02	13.73	94.758	36.343	13.618	0.28	25.45
1.63	1.66	26.63	38.68	14.28	94.486	37.912	14.157	0.29	26.63
1.64	1.64	27.80	40.32	14.83	93.912	39.452	14.689	0.32	27.80
1.65	1.61	28.96	41.93	15.37	93.278	40.953	15.213	0.35	28.96
1.66	1.55	29.79	43.48	15.89	92.586	42.389	15.706	0.37	29.79
1.67	1.48	30.61	44.96	16.37	91.837	43.748	16.169	0.39	30.61
1.68	1.39	31.42	46.35	16.82	91.034	45.013	16.598	0.40	31.42
1.69	1.29	32.23	47.64	17.24	90.178	46.176	16.992	0.41	32.23
1.70	1.16	33.03	48.80	17.62	89.078	47.210	17.343	0.41	33.03
1.71	1.06	33.84	49.86	17.96	88.106	48.144	17.663	1	33.84
1.72	.89	34.62	50.85	18.29	87.084	49.006	17.961	1	34.62

1.73	0.93	35.39	51.78	18.59	86.015	49.806	18.241	0.42	35.39
1.74	0.88	36.14	52.66	18.89	84.903	50.553	18.506	0.43	36.14
1.75	0.83	36.88	53.49	19.17	83.752	51.248	18.755	0.43	36.88
1.76	0.78	37.60	54.27	19.43	82.565	51.892	18.989	0.44	37.60
1.77	0.74	38.31	55.01	19.68	81.345	52.484	19.210	0.44	38.31
1.78	0.71	39.01	55.72	19.93	80.095	53.063	19.422	0.45	39.01
1.79	0.69	39.70	56.41	20.17	78.819	53.607	19.628	0.47	39.70
1.80	0.67	40.37	57.08	20.41	77.520	54.126	19.827	0.48	40.37
1.81	0.66	41.03	57.74	20.64	76.201	54.629	20.022	0.51	41.03
1.82	0.66	41.67	58.40	20.88	74.866	55.123	20.216	0.53	41.67
1.83	0.66	42.30	59.06	21.12	73.518	55.609	20.409	0.56	42.30
1.84	0.66	42.91	59.72	21.36	72.161	56.085	20.601	0.59	42.91
1.85	0.65	43.50	60.37	21.60	70.640	56.544	20.786	0.61	43.50
1.86	0.64	44.04	61.01	21.84	69.067	56.986	20.967	0.64	44.04
1.87	0.63	44.49	61.64	22.07	67.451	57.411	21.141	0.66	44.49
1.88	0.61	44.89	62.25	22.29	65.803	57.813	21.306	0.67	44.89
1.89	0.59	45.25	62.84	22.51	64.136	58.191	21.462	0.68	45.25
1.90	0.56	45.59	63.40	22.71	62.458	58.541	21.606	0.68	45.59
1.91	0.54	45.73	63.94	22.91	60.782	58.869	21.740	0.68	45.73
1.92	0.54	45.86	64.48	23.10	59.118	59.188	21.870	0.71	45.86
1.93	0.53	46.00	65.01	23.28	57.478	59.493	21.994	0.73	46.00
1.94	0.53	46.13	65.54	23.47	55.871	59.789	22.113	0.75	46.13
1.95	0.53	46.27	66.07	23.65	54.309	60.077	22.229	0.78	46.27
1.96	0.53	47.29	66.60	23.84	52.802	60.357	22.345	0.81	47.29
1.97	0.53	48.31	67.13	24.03	51.362	60.629	22.462	0.83	48.31
1.98	0.53	49.33	67.66	24.23	50.000	60.894	22.579	0.85	49.33
1.99	0.53	50.34	68.19	24.43	48.690	61.152	22.696	0.88	50.34
2.00	0.54	51.34	68.73	24.65	47.399	61.408	22.815	0.91	51.34
2.01	0.55	52.06	69.28	24.86	46.130	61.662	22.936	0.95	52.06
2.02	0.56	52.78	69.84	25.09	44.882	61.913	23.057	0.99	52.78
2.03	0.57	53.49	70.41	25.32	43.657	62.162	23.179	1.03	53.49
2.04	0.57	54.20	70.98	25.55	42.455	62.404	23.299	1.06	54.20
2.05	0.57	54.91	71.55	25.78	41.278	62.639	23.418	1.08	54.91
2.06	0.57	55.41	72.12	26.02	40.126	62.868	23.534	1.10	55.41
2.07	0.57	55.92	72.69	26.25	39.001	63.090	23.648	1.12	55.92
2.08	0.56	56.42	73.25	26.48	37.902	63.302	23.758	1.12	56.42
2.09	0.55	56.92	73.80	26.71	36.832	63.505	23.864	1.12	56.92
2.10	0.53	57.41	74.33	26.93	35.790	63.695	23.964	1.10	57.41
2.11	0.50	57.86	74.83	27.13	34.778	63.869	24.056	1.05	57.86
2.12	0.47	58.30	75.30	27.33	33.797	64.027	24.141	1.00	58.30
2.13	0.44	58.74	75.74	27.51	32.847	64.172	24.219	0.95	58.74
2.14	0.42	59.18	76.16	27.69	31.930	64.306	24.292	0.92	59.18
2.15	0.40	59.61	76.56	27.85	31.046	64.430	24.360	0.89	59.61
2.16	0.39	60.02	76.95	28.02	30.196	64.548	24.425	0.88	60.02
2.17	0.38	60.44	77.33	28.18	29.381	64.660	24.487	0.86	60.44
2.18	0.38	60.84	77.71	28.34	28.602	64.768	24.548	0.87	60.84
2.19	0.38	61.25	78.09	28.50	27.860	64.874	24.608	0.88	61.25
2.20	0.38	61.66	78.47	28.66	27.156	64.977	24.667	0.89	61.66
2.21	0.37	61.93	78.84	28.81	26.490	65.075	24.723	0.88	61.93
2.22	0.35	62.19	79.19	28.96	25.863	65.166	24.775	0.84	62.19
2.23	0.33	62.46	79.52	29.10	25.278	65.249	24.823	0.79	62.46
2.24	0.31	62.73	79.83	29.23	24.464	65.325	24.867	0.75	62.73
2.25	0.31	62.99	80.14	29.36	23.945	65.399	24.911	0.76	62.99
2.26	0.31	63.58	80.45	29.49	23.446	65.472	24.954	0.76	63.58
2.27	0.32	64.16	80.77	29.63	22.966	65.546	24.998	0.79	64.16
2.28	0.33	64.74	81.10	29.77	22.507	65.620	25.043	0.82	64.74
2.29	0.35	65.32	81.45	29.92	22.070	65.697	25.090	0.88	65.32
2.30	0.38	65.89	81.83	30.09	21.657	65.779	25.141	0.96	65.89
2.31	0.64	66.10	82.47	30.37	21.267	65.915	25.226	1.62	66.10
2.32	0.64	66.30	83.11	30.65	20.903	66.049	25.309	1.63	66.30
2.33	0.64	66.51	83.75	30.92	20.565	66.181	25.391	1.64	66.51
2.34	0.63	66.71	84.38	31.19	20.255	66.308	25.470	1.62	66.71

2.35	0.63	66.92	85.01	31.45	19.973	66.434	25.549	1.62	66.92
2.36	0.63	67.12	85.64	31.72	19.729	66.559	25.626	1.63	67.12
2.37	0.63	67.32	86.27	31.98	19.458	66.681	25.703	1.63	67.32
2.38	0.62	67.52	86.89	32.23	19.186	66.800	25.777	1.61	67.52
2.39	0.62	67.72	87.51	32.48	18.914	66.917	25.851	1.62	67.72
2.40	0.62	67.92	88.13	32.73	18.643	67.033	25.924	1.62	67.92
2.41	0.62	68.12	88.75	32.98	18.373	67.147	25.995	1.63	68.12
2.42	0.61	68.32	89.36	33.22	18.104	67.257	26.065	1.61	68.32
2.43	0.61	68.51	89.97	33.46	17.837	67.366	26.133	1.61	68.51
2.44	0.61	68.71	90.58	33.70	17.573	67.473	26.201	1.62	68.71
2.45	0.61	68.91	91.19	33.93	17.311	67.579	26.268	1.62	68.91
2.46	0.60	70.76	91.79	34.17	17.052	67.681	26.335	1.60	70.76
2.47	0.60	72.61	92.39	34.42	16.797	67.782	26.404	1.61	72.61
2.48	0.60	74.46	92.99	34.68	16.545	67.881	26.474	1.61	74.46
2.49	0.60	76.29	93.59	34.95	16.299	67.979	26.546	1.62	76.29
2.50	0.59	78.12	94.18	35.22	16.057	68.074	26.617	1.59	78.12
2.51	0.59	79.94	94.77	35.50	15.821	68.167	26.690	1.60	79.94
2.52	0.59	81.75	95.36	35.78	15.590	68.259	26.765	1.60	81.75
2.53	0.59	83.56	95.95	36.08	15.366	68.350	26.840	1.61	83.56
2.54	0.58	85.35	96.53	36.37	15.148	68.438	26.915	1.58	85.35
2.55	0.58	87.15	97.11	36.67	14.938	68.524	26.991	1.59	87.15
2.56	0.58	88.93	97.69	36.99	14.791	68.610	27.069	1.59	88.93
2.57	0.58	90.71	98.27	37.30	14.581	68.695	27.147	1.59	90.71
2.58	0.58	92.48	98.85	37.63	14.370	68.778	27.226	1.60	92.48
2.59	0.57	94.24	99.42	37.95	14.160	68.859	27.305	1.58	94.24
2.60	0.57	96.00	99.99	38.28	13.949	68.938	27.384	1.58	96.00

HEAD ASH %	38.28	CLEAN COAL ASH %	27.38	REFUSE ASH %	62.47
THEO. YIELD	75.43	ECART PROB. MOYEN	0.2076	REFUSE YIELD%	31.06
SG OF SEPARATION	2.123	IMPERFECTION	0.212		
NEAR GRAVITY MAT	9.278				
ORGANIC EFFCY.	91.39				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC_DDH82003 SID: 20 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 86.12 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL SINK WT%	CUM. ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.39	0.24	0.39	0.24	100.000	0.390	0.240	0.0	0.24
1.25	0.38	0.47	0.77	0.35	100.000	0.770	0.354	0.0	0.47
1.26	0.38	0.69	1.15	0.46	100.000	1.150	0.465	0.0	0.69
1.27	0.38	0.92	1.53	0.58	100.000	1.530	0.578	0.0	0.92
1.28	0.37	1.14	1.90	0.69	100.000	1.900	0.687	0.0	1.14
1.29	0.37	1.36	2.27	0.80	100.000	2.270	0.797	0.0	1.36
1.30	0.37	1.58	2.64	0.91	100.000	2.640	0.907	0.0	1.58
1.31	0.36	1.80	3.00	1.01	100.000	3.000	1.014	0.0	1.80
1.32	0.36	2.27	3.36	1.15	100.000	3.360	1.148	0.0	2.27
1.33	0.36	2.99	3.72	1.33	100.000	3.720	1.327	0.0	2.99
1.34	0.36	3.70	4.08	1.54	100.000	4.080	1.536	0.0	3.70
1.35	0.35	4.41	4.43	1.76	100.000	4.430	1.763	0.0	4.41
1.36	0.35	5.12	4.78	2.01	100.000	4.780	2.009	0.0	5.12
1.37	0.35	5.82	5.13	2.27	100.000	5.130	2.269	0.0	5.82
1.38	0.35	6.51	5.48	2.54	100.000	5.480	2.540	0.0	6.51
1.39	0.34	7.20	5.82	2.81	100.000	5.820	2.812	0.0	7.20
1.40	0.34	7.88	6.16	3.09	100.000	6.160	3.092	0.0	7.88
1.41	1.16	8.20	7.32	3.90	99.950	7.319	3.901	0.00	8.20
1.42	1.30	8.51	8.62	4.60	99.887	8.618	4.595	0.01	8.51
1.43	1.44	8.82	10.06	5.20	99.810	10.055	5.199	0.01	8.82
1.44	1.57	9.13	11.63	5.73	99.722	11.621	5.729	0.02	9.13
1.45	1.69	9.44	13.32	6.20	99.623	13.304	6.198	0.03	9.44
1.46	1.81	10.52	15.13	6.72	99.513	15.106	6.714	0.04	10.52
1.47	1.92	11.60	17.05	7.27	99.394	17.014	7.262	0.05	11.60
1.48	2.03	12.66	19.08	7.84	99.265	19.029	7.833	0.07	12.66
1.49	2.13	13.72	21.21	8.43	99.129	21.141	8.421	0.08	13.72
1.50	2.22	14.78	23.43	9.03	98.985	23.338	9.020	0.10	14.78
1.51	2.50	15.38	25.93	9.65	98.835	25.809	9.629	0.13	15.38
1.52	2.90	15.99	28.83	10.28	98.636	28.669	10.264	0.17	15.99
1.53	3.19	16.59	32.02	10.91	98.409	31.809	10.888	0.22	16.59
1.54	3.36	17.19	35.38	11.51	98.159	35.107	11.480	0.27	17.19
1.55	3.42	17.78	38.80	12.06	97.708	38.448	12.028	0.35	17.78
1.56	3.37	19.22	42.17	12.63	97.373	41.730	12.593	0.39	19.22
1.57	3.21	20.65	45.38	13.20	97.001	44.844	13.163	0.43	20.65
1.58	2.93	22.07	48.31	13.74	96.596	47.674	13.682	0.44	22.07
1.59	2.54	23.49	50.85	14.23	96.164	50.116	14.160	0.43	23.49
1.60	2.04	24.89	52.89	14.64	95.711	52.069	14.562	0.39	24.89
1.61	1.69	26.29	54.58	15.00	95.240	53.678	14.914	0.36	26.29
1.62	1.58	27.68	56.16	15.35	94.758	55.176	15.260	0.37	27.68
1.63	1.46	29.05	57.62	15.70	94.486	56.555	15.597	0.36	29.05
1.64	1.36	30.43	58.98	16.04	93.912	57.832	15.924	0.37	30.43
1.65	1.25	31.79	60.23	16.37	93.278	58.998	16.238	0.37	31.79
1.66	1.16	32.61	61.39	16.67	92.586	60.072	16.531	0.38	32.61
1.67	1.06	33.43	62.45	16.96	91.837	61.046	16.800	0.38	33.43
1.68	0.98	34.24	63.43	17.23	91.034	61.938	17.051	0.39	34.24
1.69	0.89	35.05	64.32	17.47	90.178	62.740	17.282	0.39	35.05
1.70	0.81	35.86	65.13	17.70	89.079	63.462	17.493	0.39	35.86
1.71	0.79	36.74	65.92	17.93	88.106	64.158	17.702	0.42	36.74
1.72	0.80	37.62	66.72	18.17	87.084	64.855	17.916	0.46	37.62

1.73	0.80	38.49	67.52	18.41	86.015	65.543	18.132	0.49	38.49
1.74	0.78	39.36	68.30	18.65	84.903	66.205	18.344	0.52	39.36
1.75	0.76	40.23	69.06	18.88	83.752	66.842	18.552	0.55	40.23
1.76	0.71	40.40	69.77	19.10	82.565	67.428	18.742	0.55	40.40
1.77	0.66	40.58	70.43	19.30	81.345	67.965	18.915	0.54	40.58
1.78	0.59	40.76	71.02	19.48	80.095	68.437	19.066	0.52	40.76
1.79	0.52	40.93	71.54	19.64	78.819	68.847	19.196	0.49	40.93
1.80	0.42	41.10	71.96	19.76	77.520	69.173	19.299	0.42	41.10
1.81	0.37	41.30	72.33	19.87	76.201	69.455	19.388	0.39	41.30
1.82	0.36	41.50	72.69	19.98	74.866	69.724	19.474	0.40	41.50
1.83	0.35	41.69	73.04	20.08	73.618	69.982	19.556	0.41	41.69
1.84	0.35	41.89	73.39	20.19	72.161	70.234	19.636	0.43	41.89
1.85	0.33	42.08	73.72	20.29	70.640	70.467	19.710	0.43	42.08
1.86	0.32	42.74	74.04	20.38	69.067	70.689	19.782	0.44	42.74
1.87	0.31	43.39	74.35	20.48	67.451	70.898	19.852	0.45	43.39
1.88	0.29	44.04	74.64	20.57	65.803	71.088	19.917	0.44	44.04
1.89	0.27	44.68	74.91	20.66	64.136	71.262	19.977	0.43	44.68
1.90	0.25	45.32	75.16	20.74	62.458	71.418	20.032	0.41	45.32
1.91	0.25	45.84	75.41	20.82	60.782	71.570	20.087	0.43	45.84
1.92	0.25	46.36	75.66	20.91	59.118	71.717	20.141	0.45	46.36
1.93	0.25	46.87	75.91	20.99	57.478	71.861	20.195	0.47	46.87
1.94	0.25	47.38	76.16	21.08	55.871	72.001	20.247	0.49	47.38
1.95	0.24	47.89	76.40	21.16	54.309	72.131	20.297	0.48	47.89
1.96	0.24	48.30	76.64	21.25	52.802	72.258	20.346	0.50	48.30
1.97	0.23	48.71	76.87	21.33	51.362	72.376	20.393	0.49	48.71
1.98	0.22	49.12	77.09	21.41	50.000	72.486	20.436	0.49	49.12
1.99	0.21	49.52	77.30	21.49	48.690	72.588	20.477	0.48	49.52
2.00	0.19	49.93	77.49	21.56	47.399	72.678	20.514	0.44	49.93
2.01	0.18	50.15	77.67	21.62	46.130	72.761	20.548	0.43	50.15
2.02	0.18	50.37	77.85	21.69	44.882	72.842	20.581	0.44	50.37
2.03	0.18	50.59	78.03	21.76	43.657	72.921	20.613	0.45	50.59
2.04	0.18	50.81	78.21	21.82	42.455	72.997	20.645	0.46	50.81
2.05	0.18	51.03	78.39	21.89	41.278	73.071	20.676	0.47	51.03
2.06	0.18	51.77	78.57	21.96	40.126	73.144	20.706	0.48	51.77
2.07	0.18	52.51	78.75	22.03	39.001	73.214	20.737	0.49	52.51
2.08	0.18	53.25	78.93	22.10	37.902	73.282	20.767	0.49	53.25
2.09	0.18	53.98	79.11	22.17	36.832	73.348	20.797	0.50	53.98
2.10	0.18	54.71	79.29	22.25	35.790	73.413	20.827	0.51	54.71
2.11	0.02	55.32	79.31	22.25	34.778	73.420	20.830	0.06	55.32
2.12	0.02	55.92	79.33	22.26	33.797	73.427	20.833	0.06	55.92
2.13	0.02	56.53	79.35	22.27	32.847	73.433	20.836	0.06	56.53
2.14	0.02	57.12	79.37	22.28	31.930	73.440	20.840	0.06	57.12
2.15	0.02	57.72	79.39	22.29	31.046	73.446	20.843	0.06	57.72
2.16	0.34	57.72	79.73	22.44	30.196	73.548	20.894	1.05	57.72
2.17	0.34	57.72	80.07	22.59	29.381	73.648	20.944	1.06	57.72
2.18	0.34	57.72	80.41	22.74	28.602	73.746	20.993	1.07	57.72
2.19	0.34	57.72	80.75	22.89	27.860	73.840	21.040	1.08	57.72
2.20	0.34	57.72	81.09	23.03	27.156	73.933	21.086	1.09	57.72
2.21	0.35	57.72	81.44	23.18	26.490	74.025	21.131	1.14	57.72
2.22	0.34	57.72	81.78	23.32	25.863	74.113	21.175	1.11	57.72
2.23	0.34	57.72	82.12	23.47	25.278	74.199	21.217	1.12	57.72
2.24	0.33	57.73	82.45	23.60	24.464	74.280	21.257	1.10	57.73
2.25	0.33	57.73	82.78	23.74	23.945	74.359	21.296	1.11	57.73
2.26	0.01	58.48	82.79	23.74	23.446	74.961	21.297	0.03	58.48
2.27	0.01	59.23	82.80	23.75	22.966	74.364	21.298	0.03	59.23
2.28	0.01	59.98	82.81	23.75	22.507	74.366	21.299	0.03	59.98
2.29	0.01	60.72	82.82	23.76	22.070	74.368	21.300	0.03	60.72
2.30	0.01	61.46	82.83	23.76	21.657	74.370	21.302	0.03	61.46
2.31	0.61	62.38	83.44	24.04	21.267	74.500	21.373	2.12	62.38
2.32	0.61	63.29	84.05	24.33	20.903	74.627	21.445	2.13	63.29
2.33	0.60	64.20	84.65	24.61	20.565	74.751	21.515	2.11	64.20
2.34	0.60	65.11	85.25	24.90	20.255	74.872	21.586	2.11	65.11

2.35	0.60	66.01	85.85	25.18	19.973	74.992	21.657	2.12	66.01
2.36	0.60	66.91	86.45	25.47	19.729	75.111	21.728	2.13	66.91
2.37	0.59	67.80	87.04	25.76	19.458	75.225	21.799	2.10	67.80
2.38	0.59	68.69	87.63	26.05	19.186	75.339	21.869	2.11	68.69
2.39	0.59	69.58	88.22	26.34	18.914	75.450	21.940	2.11	69.58
2.40	0.59	70.46	88.81	26.63	18.643	75.560	22.010	2.12	70.46
2.41	0.58	71.34	89.39	26.92	18.373	75.667	22.080	2.09	71.34
2.42	0.58	72.22	89.97	27.22	18.104	75.772	22.149	2.10	72.22
2.43	0.58	73.09	90.55	27.51	17.837	75.875	22.219	2.11	73.09
2.44	0.58	73.96	91.13	27.80	17.573	75.977	22.288	2.11	73.96
2.45	0.57	74.83	91.70	28.10	17.311	76.076	22.356	2.08	74.83
2.46	0.57	76.28	92.27	28.39	17.052	76.173	22.425	2.09	76.28
2.47	0.57	77.72	92.84	28.70	16.797	76.269	22.495	2.10	77.72
2.48	0.57	79.16	93.41	29.01	16.545	76.363	22.564	2.10	79.16
2.49	0.56	80.60	93.97	29.31	16.299	76.454	22.634	2.07	80.60
2.50	0.56	82.02	94.53	29.60	16.057	76.544	22.704	2.08	82.02
2.51	0.56	83.45	95.09	29.94	15.821	76.633	22.774	2.08	83.45
2.52	0.56	84.86	95.65	30.26	15.590	76.720	22.844	2.09	84.86
2.53	0.56	86.27	96.21	30.59	15.366	76.806	22.915	2.09	86.27
2.54	0.55	87.68	96.76	30.91	15.148	76.889	22.986	2.06	87.68
2.55	0.55	89.08	97.31	31.24	14.938	76.972	23.056	2.07	89.08
2.56	0.55	90.48	97.86	31.56	14.791	77.053	23.127	2.07	90.48
2.57	0.55	91.86	98.41	31.91	14.581	77.133	23.199	2.08	91.86
2.58	0.54	93.25	98.95	32.25	14.370	77.211	23.269	2.04	93.25
2.59	0.54	94.63	99.49	32.59	14.160	77.287	23.340	2.05	94.63
2.60	0.54	96.00	100.03	32.93	13.949	77.363	23.411	2.05	96.00

HEAD ASH %	32.93	CLEAN COAL ASH %	23.41	REFUSE ASH %	65.46
THEO. YIELD	81.99	CLEAN COAL YIELD%	77.36	REFUSE YIELD%	22.64
SG OF SEPARATION	2.226	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	5.073	IMPERFECTION	0.212		
ORGANIC EFFCY.	94.36				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 21 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 88.04 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.63	0.39	0.63	0.39	100.000	0.630	0.390	0.0	0.39
1.25	0.64	0.76	1.27	0.58	100.000	1.270	0.576	0.0	0.76
1.26	0.65	1.13	1.92	0.76	100.000	1.920	0.764	0.0	1.13
1.27	0.66	1.50	2.58	0.95	100.000	2.580	0.952	0.0	1.50
1.28	0.68	1.86	3.26	1.14	100.000	3.260	1.142	0.0	1.86
1.29	0.69	2.22	3.95	1.33	100.000	3.950	1.330	0.0	2.22
1.30	0.70	2.58	4.65	1.52	100.000	4.650	1.518	0.0	2.58
1.31	0.71	2.93	5.36	1.71	100.000	5.360	1.705	0.0	2.93
1.32	0.73	3.41	6.09	1.91	100.000	6.090	1.909	0.0	3.41
1.33	0.74	4.01	6.83	2.14	100.000	6.830	2.137	0.0	4.01
1.34	0.75	4.61	7.58	2.38	100.000	7.580	2.382	0.0	4.61
1.35	0.77	5.20	8.35	2.64	100.000	8.350	2.642	0.0	5.20
1.36	0.78	5.78	9.13	2.91	100.000	9.130	2.910	0.0	5.78
1.37	0.80	6.36	9.93	3.19	100.000	9.930	3.188	0.0	6.36
1.38	0.81	6.94	10.74	3.47	100.000	10.740	3.471	0.0	6.94
1.39	0.83	7.52	11.57	3.76	100.000	11.570	3.761	0.0	7.52
1.40	0.84	8.09	12.41	4.05	100.000	12.410	4.054	0.0	8.09
1.41	0.87	8.29	13.28	4.33	99.950	13.280	4.332	0.00	8.29
1.42	0.89	8.49	14.17	4.59	99.887	14.169	4.592	0.00	8.49
1.43	0.91	8.69	15.08	4.84	99.810	15.077	4.839	0.00	8.69
1.44	0.93	8.89	16.01	5.08	99.722	16.004	5.074	0.01	8.89
1.45	0.94	9.09	16.95	5.30	99.623	16.941	5.296	0.01	9.09
1.46	0.96	10.13	17.91	5.56	99.513	17.896	5.554	0.01	10.13
1.47	0.97	11.16	18.88	5.84	99.394	18.860	5.841	0.01	11.16
1.48	0.98	12.18	19.86	6.16	99.265	19.833	6.152	0.02	12.18
1.49	0.98	13.20	20.84	6.49	99.129	20.804	6.481	0.02	13.20
1.50	0.98	14.21	21.82	6.84	98.985	21.774	6.825	0.02	14.21
1.51	1.02	14.96	22.84	7.20	98.835	22.783	7.185	0.03	14.96
1.52	1.09	15.70	23.93	7.59	98.636	23.858	7.569	0.03	15.70
1.53	1.13	16.44	25.06	7.98	98.409	24.970	7.964	0.04	16.44
1.54	1.16	17.17	26.22	8.39	98.159	26.108	8.365	0.05	17.17
1.55	1.17	17.90	27.39	8.80	97.708	27.252	8.765	0.06	17.90
1.56	1.16	19.33	28.55	9.23	97.373	28.381	9.186	0.07	19.33
1.57	1.13	20.76	29.68	9.66	97.001	29.477	9.616	0.08	20.76
1.58	1.09	22.17	30.77	10.11	96.596	30.530	10.049	0.08	22.17
1.59	1.02	23.57	31.79	10.54	96.164	31.511	10.470	0.09	23.57
1.60	0.94	24.97	32.73	10.95	95.711	32.411	10.872	0.09	24.97
1.61	0.86	26.25	33.59	11.35	95.240	33.230	11.252	0.09	26.25
1.62	0.78	27.51	34.37	11.71	94.758	33.969	11.605	0.09	27.51
1.63	0.71	28.78	35.08	12.06	94.486	34.640	11.838	0.09	28.78
1.64	0.65	30.03	35.73	12.38	93.912	35.250	12.251	0.09	30.03
1.65	0.60	31.27	36.33	12.70	93.278	35.810	12.548	0.09	31.27
1.66	0.55	31.78	36.88	12.98	92.586	36.319	12.818	0.09	31.78
1.67	0.51	32.27	37.39	13.24	91.837	36.787	13.066	0.09	32.27
1.68	0.48	32.77	37.87	13.49	91.034	37.224	13.297	0.10	32.77
1.69	0.46	33.26	38.33	13.73	90.178	37.639	13.517	0.10	33.26
1.70	0.44	33.75	38.77	13.96	89.079	38.031	13.726	0.11	33.75
1.71	0.43	34.34	39.20	14.18	88.106	38.410	13.929	0.11	34.34
1.72	0.42	34.93	39.62	14.40	87.084	38.776	14.127	0.12	34.93

1.73	0.41	35.52	40.03	14.62	86.015	39.128	14.320	0.13	35.52
1.74	0.40	36.10	40.43	14.83	84.903	39.468	14.507	0.14	36.10
1.75	0.39	36.68	40.82	15.04	83.752	39.795	14.689	0.14	36.68
1.76	0.38	37.54	41.20	15.24	82.565	40.108	14.868	0.15	37.54
1.77	0.36	38.40	41.56	15.45	81.345	40.401	15.039	0.15	38.40
1.78	0.34	39.25	41.90	15.64	80.095	40.674	15.201	0.15	39.25
1.79	0.32	40.09	42.22	15.82	78.819	40.926	15.354	0.15	40.09
1.80	0.30	40.93	42.52	16.00	77.520	41.158	15.499	0.15	40.93
1.81	0.26	41.74	42.78	16.16	76.201	41.356	15.624	0.14	41.74
1.82	0.22	42.55	43.00	16.29	74.866	41.521	15.731	0.12	42.55
1.83	0.19	43.35	43.19	16.41	73.618	41.661	15.824	0.11	43.35
1.84	0.17	44.14	43.36	16.52	72.161	41.784	15.907	0.11	44.14
1.85	0.17	44.93	43.53	16.63	70.640	41.904	15.990	0.11	44.93
1.86	0.17	45.25	43.70	16.74	69.067	42.021	16.072	0.12	45.25
1.87	0.19	45.56	43.89	16.87	67.451	42.149	16.162	0.14	45.56
1.88	0.21	45.88	44.10	17.01	65.803	42.288	16.259	0.16	45.88
1.89	0.25	46.19	44.35	17.17	64.136	42.448	16.372	0.20	46.19
1.90	0.30	46.50	44.65	17.37	62.458	42.635	16.504	0.25	46.50
1.91	0.33	46.54	44.98	17.58	60.782	42.836	16.645	0.29	46.54
1.92	0.35	46.59	45.33	17.81	59.118	43.043	16.789	0.32	46.59
1.93	0.37	46.63	45.70	18.04	57.478	43.255	16.935	0.35	46.63
1.94	0.38	46.67	46.08	18.27	55.871	43.468	17.081	0.38	46.67
1.95	0.40	46.71	46.48	18.52	54.309	43.685	17.228	0.41	46.71
1.96	0.41	47.65	46.89	18.77	52.802	43.901	17.378	0.43	47.65
1.97	0.42	48.58	47.31	19.04	51.362	44.117	17.531	0.46	48.58
1.98	0.43	49.50	47.74	19.31	50.000	44.332	17.686	0.48	49.50
1.99	0.43	50.42	48.17	19.59	48.690	44.542	17.840	0.49	50.42
2.00	0.44	51.34	48.61	19.88	47.399	44.750	17.996	0.52	51.34
2.01	0.47	51.93	49.08	20.18	46.130	44.967	18.159	0.57	51.93
2.02	0.51	52.51	49.59	20.52	44.882	45.196	18.333	0.63	52.51
2.03	0.54	53.09	50.13	20.87	43.657	45.432	18.514	0.68	53.09
2.04	0.56	53.67	50.69	21.23	42.455	45.669	18.697	0.72	53.67
2.05	0.56	54.25	51.25	21.59	41.278	45.900	18.876	0.74	54.25
2.06	0.55	54.88	51.80	21.94	40.126	46.121	19.048	0.74	54.88
2.07	0.53	55.51	52.33	22.28	39.001	46.328	19.211	0.72	55.51
2.08	0.48	56.13	52.81	22.59	37.902	46.510	19.355	0.67	56.13
2.09	0.43	56.75	53.24	22.87	36.832	46.668	19.482	0.61	56.75
2.10	0.36	57.37	53.60	23.10	35.790	46.797	19.586	0.52	57.37
2.11	0.30	57.88	53.90	23.29	34.778	46.901	19.672	0.44	57.88
2.12	0.28	58.39	54.18	23.47	33.797	46.996	19.749	0.42	58.39
2.13	0.26	58.90	54.44	23.64	32.847	47.081	19.820	0.39	58.90
2.14	0.24	59.40	54.68	23.80	31.930	47.158	19.885	0.37	59.40
2.15	0.23	59.90	54.91	23.95	31.046	47.229	19.945	0.36	59.90
2.16	0.22	60.59	55.13	24.10	30.196	47.296	20.002	0.34	60.59
2.17	0.22	61.28	55.35	24.25	29.381	47.360	20.059	0.35	61.28
2.18	0.23	61.96	55.58	24.40	28.602	47.426	20.117	0.37	61.96
2.19	0.23	62.64	55.81	24.56	27.860	47.490	20.174	0.37	62.64
2.20	0.25	63.32	56.06	24.73	27.156	47.558	20.236	0.41	63.32
2.21	0.26	63.75	56.32	24.91	26.490	47.627	20.299	0.43	63.75
2.22	0.26	64.18	56.58	25.09	25.863	47.694	20.361	0.43	64.18
2.23	0.27	64.61	56.85	25.28	25.278	47.763	20.424	0.45	64.61
2.24	0.27	65.04	57.12	25.47	24.464	47.829	20.486	0.46	65.04
2.25	0.28	65.47	57.40	25.66	23.945	47.896	20.549	0.48	65.47
2.26	0.29	66.30	57.69	25.87	23.446	47.964	20.613	0.50	66.30
2.27	0.30	67.14	57.99	26.08	22.966	48.033	20.680	0.52	67.14
2.28	0.30	67.96	58.29	26.30	22.507	48.100	20.746	0.52	67.96
2.29	0.31	68.79	58.60	26.52	22.070	48.169	20.815	0.54	68.79
2.30	0.32	69.61	58.92	26.76	21.657	48.238	20.885	0.56	69.61
2.31	1.45	70.15	60.37	27.80	21.267	48.546	21.198	2.56	70.15
2.32	1.45	70.69	61.82	28.80	20.903	48.849	21.505	2.57	70.69
2.33	1.44	71.23	63.26	29.77	20.565	49.145	21.805	2.56	71.23
2.34	1.43	71.76	64.69	30.70	20.255	49.435	22.097	2.56	71.76

2.35	1.43	72.29	66.12	31.60	19.973	49.721	22.386	2.56	72.29
2.36	1.42	72.82	67.54	32.46	19.729	50.001	22.668	2.55	72.82
2.37	1.42	73.35	68.96	33.31	19.458	50.277	22.947	2.56	73.35
2.38	1.41	73.87	70.37	34.12	19.186	50.548	23.219	2.55	73.87
2.39	1.40	74.39	71.77	34.90	18.914	50.812	23.486	2.54	74.39
2.40	1.40	74.91	73.17	35.67	18.643	51.073	23.749	2.55	74.91
2.41	1.39	75.43	74.56	36.41	18.373	51.329	24.006	2.54	75.43
2.42	1.39	75.94	75.95	37.13	18.104	51.581	24.259	2.55	75.94
2.43	1.38	76.46	77.33	37.84	17.837	51.827	24.507	2.54	76.46
2.44	1.38	76.97	78.71	38.52	17.573	52.069	24.752	2.55	76.97
2.45	1.37	77.48	80.08	39.19	17.311	52.306	24.991	2.54	77.48
2.46	1.36	78.75	81.44	39.85	17.052	52.538	25.228	2.53	78.75
2.47	1.36	80.01	82.80	40.51	16.797	52.767	25.465	2.54	80.01
2.48	1.35	81.27	84.15	41.16	16.545	52.990	25.700	2.53	81.27
2.49	1.35	82.53	85.50	41.82	16.299	53.210	25.935	2.53	82.53
2.50	1.34	83.78	86.84	42.46	16.057	53.425	26.168	2.52	83.78
2.51	1.34	85.02	88.18	43.11	15.821	53.637	26.401	2.53	85.02
2.52	1.33	86.26	89.51	43.75	15.590	53.845	26.631	2.52	86.26
2.53	1.33	87.49	90.84	44.39	15.366	54.049	26.862	2.52	87.49
2.54	1.32	88.72	92.16	45.03	15.148	54.249	27.090	2.51	88.72
2.55	1.32	89.95	93.48	45.66	14.938	54.446	27.317	2.52	89.95
2.56	1.31	91.17	94.79	46.29	14.791	54.640	27.544	2.50	91.17
2.57	1.31	92.38	96.10	46.92	14.581	54.831	27.770	2.51	92.38
2.58	1.30	93.59	97.40	47.54	14.370	55.018	27.993	2.49	93.59
2.59	1.30	94.80	98.70	48.16	14.160	55.202	28.216	2.50	94.80
2.60	1.29	96.00	99.99	48.78	13.949	55.382	28.436	2.49	96.00

HEAD ASH %	48.78	CLEAN COAL ASH %	28.44	REFUSE ASH %	74.03
THEO. YIELD	61.29	CLEAN COAL YIELD%	55.38	REFUSE YIELD%	44.62
SG OF SEPARATION	2.316	ECART PROB MOYEN	0.2076		
NEAR GRAVITY MAT	18.956	IMPERFECTION	0.212		
ORGANIC EFFCY.	90.36				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 22 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP=0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 79.34 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.46	0.31	0.46	0.31	100.000	0.460	0.310	0.0	0.31
1.25	0.45	0.61	0.91	0.46	100.000	0.910	0.458	0.0	0.61
1.26	0.45	0.91	1.36	0.61	100.000	1.360	0.608	0.0	0.91
1.27	0.45	1.21	1.81	0.76	100.000	1.810	0.758	0.0	1.21
1.28	0.44	1.50	2.25	0.90	100.000	2.250	0.903	0.0	1.50
1.29	0.44	1.80	2.69	1.05	100.000	2.690	1.049	0.0	1.80
1.30	0.44	2.09	3.13	1.20	100.000	3.130	1.196	0.0	2.09
1.31	0.43	2.37	3.56	1.34	100.000	3.560	1.338	0.0	2.37
1.32	0.43	2.78	3.99	1.49	100.000	3.990	1.493	0.0	2.78
1.33	0.43	3.29	4.42	1.67	100.000	4.420	1.668	0.0	3.29
1.34	0.42	3.80	4.84	1.85	100.000	4.840	1.853	0.0	3.80
1.35	0.42	4.31	5.26	2.05	100.000	5.260	2.049	0.0	4.31
1.36	0.42	4.82	5.68	2.25	100.000	5.680	2.254	0.0	4.82
1.37	0.41	5.32	6.09	2.46	100.000	6.090	2.460	0.0	5.32
1.38	0.41	5.81	6.50	2.67	100.000	6.500	2.672	0.0	5.81
1.39	0.41	6.31	6.91	2.89	100.000	6.910	2.888	0.0	6.31
1.40	0.40	6.80	7.31	3.10	100.000	7.310	3.102	0.0	6.80
1.41	1.85	7.13	9.16	3.92	99.950	9.159	3.915	0.00	7.13
1.42	1.89	7.45	11.05	4.52	99.887	11.047	4.519	0.01	7.45
1.43	1.92	7.78	12.97	5.00	99.810	12.963	5.001	0.01	7.78
1.44	1.94	8.10	14.91	5.41	99.722	14.898	5.404	0.02	8.10
1.45	1.95	8.42	16.86	5.75	99.623	16.841	5.751	0.02	8.42
1.46	1.96	8.47	18.82	6.14	99.513	18.791	6.137	0.03	8.47
1.47	1.95	10.51	20.77	6.55	99.394	20.729	6.546	0.04	10.51
1.48	1.94	11.54	22.71	6.98	99.265	22.655	6.971	0.05	11.54
1.49	1.91	12.56	24.62	7.41	99.129	24.548	7.402	0.06	12.56
1.50	1.88	13.58	26.50	7.85	98.985	26.409	7.837	0.06	13.58
1.51	1.87	14.32	28.37	8.27	98.835	28.257	8.261	0.07	14.32
1.52	1.88	15.05	30.25	8.70	98.636	30.112	8.679	0.09	15.05
1.53	1.88	15.77	32.13	9.11	98.409	31.962	9.090	0.10	15.77
1.54	1.87	16.49	34.00	9.52	98.159	33.797	9.492	0.12	16.49
1.55	1.86	17.21	35.86	9.91	97.708	35.615	9.885	0.14	17.21
1.56	1.84	18.54	37.70	10.34	97.373	37.406	10.300	0.16	18.54
1.57	1.81	19.85	39.51	10.77	97.001	39.162	10.728	0.18	19.85
1.58	1.78	21.16	41.29	11.22	96.596	40.882	11.167	0.21	21.16
1.59	1.73	22.46	43.02	11.67	96.164	42.545	11.609	0.22	22.46
1.60	1.68	23.76	44.70	12.13	95.711	44.153	12.051	0.24	23.76
1.61	1.55	25.08	46.25	12.56	95.240	45.629	12.473	0.25	25.08
1.62	1.37	26.40	47.62	12.96	94.758	46.928	12.858	0.24	26.40
1.63	1.20	27.70	48.82	13.32	94.486	48.061	13.208	0.22	27.70
1.64	1.05	28.00	49.87	13.65	93.912	49.047	13.525	0.22	28.00
1.65	0.92	30.29	50.79	13.95	93.278	49.906	13.814	0.21	30.29
1.66	0.80	30.77	51.59	14.21	92.586	50.646	14.062	0.20	30.77
1.67	0.71	31.25	52.30	14.44	91.837	51.298	14.280	0.20	31.25
1.68	0.63	31.72	52.93	14.65	91.034	51.872	14.473	0.19	31.72
1.69	0.58	32.19	53.51	14.84	90.178	52.395	14.650	0.19	32.19
1.70	0.54	32.66	54.05	15.02	89.079	52.876	14.814	0.20	32.66
1.71	0.52	33.23	54.57	15.19	88.106	53.334	14.972	0.21	33.23
1.72	0.52	33.79	55.09	15.37	87.084	53.787	15.130	0.23	33.79

1.73	0.52	34.35	55.61	15.54	86.015	54.234	15.289	0.25	34.35
1.74	0.52	34.91	56.13	15.72	84.903	54.676	15.447	0.27	34.91
1.75	0.52	35.47	56.65	15.91	83.752	55.111	15.606	0.29	35.47
1.76	0.52	36.22	57.17	16.09	82.565	55.541	15.765	0.31	36.22
1.77	0.52	36.97	57.69	16.28	81.345	55.964	15.925	0.33	36.97
1.78	0.51	37.72	58.20	16.47	80.095	56.372	16.083	0.34	37.72
1.79	0.51	38.46	58.71	16.66	78.819	56.774	16.242	0.37	38.46
1.80	0.51	39.20	59.22	16.85	77.520	57.169	16.400	0.39	39.20
1.81	0.51	39.80	59.73	17.05	76.201	57.558	16.558	0.41	39.80
1.82	0.51	40.41	60.24	17.24	74.866	57.940	16.715	0.43	40.41
1.83	0.51	41.01	60.75	17.44	73.518	58.315	16.872	0.46	41.01
1.84	0.51	41.60	61.26	17.65	72.161	58.683	17.027	0.48	41.60
1.85	0.51	42.19	61.77	17.85	70.640	59.044	17.181	0.51	42.19
1.86	0.51	42.48	62.28	18.05	69.067	59.396	17.331	0.53	42.48
1.87	0.51	42.77	62.79	18.25	67.451	59.740	17.477	0.56	42.77
1.88	0.51	43.05	63.30	18.45	65.803	60.075	17.620	0.59	43.05
1.89	0.51	43.33	63.81	18.65	64.136	60.402	17.759	0.62	43.33
1.90	0.51	43.61	64.32	18.85	62.458	60.721	17.895	0.65	43.61
1.91	0.51	43.72	64.83	19.04	60.782	61.031	18.026	0.68	43.72
1.92	0.53	43.82	65.36	19.24	59.118	61.344	18.158	0.73	43.82
1.93	0.53	43.92	65.89	19.44	57.478	61.649	18.285	0.76	43.92
1.94	0.54	44.03	66.43	19.64	55.871	61.951	18.410	0.81	44.03
1.95	0.54	44.13	66.97	19.84	54.309	62.244	18.532	0.84	44.13
1.96	0.53	44.89	67.50	20.04	52.802	62.524	18.650	0.89	44.89
1.97	0.53	45.64	68.03	20.24	51.362	62.796	18.767	0.87	45.64
1.98	0.52	46.39	68.55	20.43	50.000	63.056	18.880	0.88	46.39
1.99	0.50	47.13	69.05	20.63	48.690	63.299	18.989	0.87	47.13
2.00	0.48	47.88	69.53	20.82	47.399	63.527	19.093	0.86	47.88
2.01	0.46	48.47	69.99	21.00	46.130	63.739	19.190	0.84	48.47
2.02	0.43	49.06	70.42	21.17	44.882	63.932	19.281	0.80	49.06
2.03	0.41	49.64	70.83	21.33	43.657	64.111	19.365	0.78	49.64
2.04	0.39	50.20	71.22	21.49	42.455	64.277	19.445	0.76	50.20
2.05	0.37	50.73	71.59	21.64	41.278	64.429	19.519	0.74	50.73
2.06	0.36	51.22	71.95	21.79	40.126	64.574	19.590	0.73	51.22
2.07	0.36	51.66	72.31	21.94	39.001	64.714	19.659	0.74	51.66
2.08	0.35	52.07	72.66	22.08	37.902	64.847	19.726	0.74	52.07
2.09	0.36	52.45	73.02	22.23	36.832	64.980	19.792	0.77	52.45
2.10	0.36	52.83	73.38	22.38	35.790	65.108	19.858	0.78	52.83
2.11	0.37	52.96	73.75	22.54	34.778	65.237	19.923	0.82	52.96
2.12	0.38	53.08	74.11	22.69	33.797	65.359	19.985	0.81	53.08
2.13	0.36	53.20	74.47	22.83	32.847	65.477	20.045	0.82	53.20
2.14	0.36	53.33	74.83	22.98	31.930	65.592	20.103	0.83	53.33
2.15	0.36	53.45	75.19	23.13	31.046	65.704	20.160	0.84	53.45
2.16	0.36	54.58	75.55	23.28	30.196	65.812	20.217	0.85	54.58
2.17	0.36	55.71	75.91	23.43	29.381	65.918	20.274	0.86	55.71
2.18	0.35	56.83	76.26	23.58	28.602	66.018	20.329	0.85	56.83
2.19	0.35	57.95	76.61	23.74	27.860	66.116	20.385	0.86	57.95
2.20	0.35	59.06	76.96	23.90	27.156	66.211	20.440	0.86	59.06
2.21	0.33	60.05	77.29	24.06	26.490	66.298	20.492	0.82	60.05
2.22	0.30	61.03	77.59	24.20	25.863	66.376	20.540	0.75	61.03
2.23	0.28	62.00	77.87	24.33	25.278	66.447	20.584	0.71	62.00
2.24	0.26	62.97	78.13	24.46	24.464	66.510	20.625	0.67	62.97
2.25	0.25	63.94	78.38	24.59	23.945	66.570	20.663	0.64	63.94
2.26	0.25	64.44	78.63	24.72	23.446	66.629	20.702	0.65	64.44
2.27	0.26	64.95	78.89	24.85	22.966	66.688	20.742	0.68	64.95
2.28	0.28	65.45	79.17	24.99	22.507	66.751	20.784	0.74	65.45
2.29	0.30	65.95	79.47	25.15	22.070	66.818	20.829	0.79	65.95
2.30	0.33	66.44	79.80	25.32	21.657	66.889	20.877	0.88	66.44
2.31	0.87	66.44	80.67	25.76	21.267	67.074	21.003	2.32	66.44
2.32	0.87	66.44	81.54	26.19	20.903	67.256	21.126	2.33	66.44
2.33	0.96	66.44	82.40	26.61	20.565	67.433	21.245	[illegible]	66.44
2.34	0.86	66.44	83.26	27.03	20.255	67.607	21.361	[illegible]	66.44

2.35	0.86	66.45	84.12	27.43	19.973	67.779	21.475	2.33	66.45
2.36	0.85	66.45	84.97	27.82	19.729	67.947	21.586	2.31	66.45
2.37	0.85	66.45	85.82	28.20	19.458	68.112	21.695	2.32	66.45
2.38	0.84	66.45	86.66	28.57	19.186	68.273	21.801	2.30	66.45
2.39	0.84	66.45	87.50	28.94	18.914	68.432	21.905	2.31	66.45
2.40	0.84	66.45	88.34	29.29	18.643	68.589	22.006	2.32	66.45
2.41	0.83	66.45	89.17	29.64	18.373	68.741	22.105	2.30	66.45
2.42	0.83	66.45	90.00	29.98	18.104	68.891	22.202	2.30	66.45
2.43	0.83	66.45	90.83	30.31	17.837	69.039	22.297	2.31	66.45
2.44	0.82	66.45	91.65	30.63	17.573	69.183	22.389	2.29	66.45
2.45	0.82	66.45	92.47	30.95	17.311	69.325	22.479	2.30	66.45
2.46	0.52	68.48	92.99	31.16	17.052	69.414	22.538	1.46	68.48
2.47	0.52	70.49	93.51	31.38	16.797	69.501	22.598	1.47	70.49
2.48	0.52	72.50	94.03	31.61	16.545	69.587	22.660	1.47	72.50
2.49	0.51	74.50	94.54	31.84	16.299	69.671	22.721	1.45	74.50
2.50	0.51	76.50	95.05	32.08	16.057	69.752	22.785	1.45	76.50
2.51	0.51	78.48	95.56	32.33	15.821	69.833	22.849	1.46	78.48
2.52	0.51	80.46	96.07	32.58	15.590	69.913	22.914	1.46	80.46
2.53	0.51	82.43	96.58	32.85	15.366	69.991	22.981	1.46	82.43
2.54	0.50	84.39	97.08	33.11	15.148	70.067	23.047	1.44	84.39
2.55	0.50	86.34	97.58	33.38	14.938	70.141	23.115	1.44	86.34
2.56	0.50	88.29	98.08	33.66	14.791	70.215	23.184	1.44	88.29
2.57	0.50	90.23	98.58	33.95	14.581	70.288	23.253	1.45	90.23
2.58	0.50	92.16	99.08	34.24	14.370	70.360	23.323	1.45	92.16
2.59	0.49	94.08	99.57	34.54	14.160	70.430	23.393	1.43	94.08
2.60	0.49	96.00	100.06	34.84	13.949	70.498	23.464	1.43	96.00

HEAD ASH %	34.84	CLEAN COAL ASH %	23.46	REFUSE ASH %	62.02
THEO. YIELD	75.99	CLEAN COAL YIELD%	70.50	REFUSE YIELD%	29.50
SG OF SEPARATION	2.172	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	6.565	IMPERFECTION	0.212		
ORGANIC EFFCY.	92.78				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 23 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 76.78 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.55	0.58	0.55	0.58	100.000	0.550	0.580	0.0	0.58
1.25	0.54	1.14	1.09	0.86	100.000	1.090	0.857	0.0	1.14
1.26	0.54	1.68	1.63	1.13	100.000	1.630	1.130	0.0	1.68
1.27	0.53	2.21	2.16	1.39	100.000	2.160	1.395	0.0	2.21
1.28	0.53	2.74	2.69	1.66	100.000	2.690	1.660	0.0	2.74
1.29	0.52	3.25	3.21	1.92	100.000	3.210	1.918	0.0	3.25
1.30	0.52	3.77	3.73	2.18	100.000	3.730	2.176	0.0	3.77
1.31	0.52	4.28	4.25	2.43	100.000	4.250	2.433	0.0	4.28
1.32	0.51	4.78	4.76	2.68	100.000	4.760	2.685	0.0	4.78
1.33	0.51	5.26	5.27	2.93	100.000	5.270	2.934	0.0	5.26
1.34	0.51	5.72	5.78	3.18	100.000	5.780	3.180	0.0	5.72
1.35	0.50	6.16	6.28	3.42	100.000	6.280	3.417	0.0	6.16
1.36	0.50	6.59	6.78	3.65	100.000	6.780	3.651	0.0	6.59
1.37	0.49	7.01	7.27	3.88	100.000	7.270	3.877	0.0	7.01
1.38	0.49	7.42	7.76	4.10	100.000	7.760	4.101	0.0	7.42
1.39	0.49	7.82	8.25	4.32	100.000	8.250	4.322	0.0	7.82
1.40	0.48	8.23	8.73	4.54	100.000	8.730	4.537	0.0	8.23
1.41	1.48	8.43	10.21	5.10	99.950	10.209	5.101	0.00	8.43
1.42	1.58	8.63	11.79	5.57	99.887	11.787	5.573	0.01	8.63
1.43	1.66	8.82	13.45	5.97	99.810	13.444	5.974	0.01	8.82
1.44	1.73	9.02	15.18	6.32	99.722	15.170	6.320	0.02	9.02
1.45	1.79	9.21	16.97	6.63	99.623	16.953	6.624	0.02	9.21
1.46	1.85	10.09	18.82	6.97	99.513	18.794	6.964	0.03	10.09
1.47	1.90	10.96	20.72	7.33	99.394	20.682	7.328	0.04	10.96
1.48	1.93	11.83	22.65	7.72	99.265	22.598	7.710	0.05	11.83
1.49	1.96	12.70	24.61	8.11	99.129	24.541	8.105	0.05	12.70
1.50	1.98	13.55	26.59	8.52	98.985	26.501	8.508	0.06	13.55
1.51	2.19	14.26	28.78	8.95	98.835	28.665	8.942	0.08	14.26
1.52	2.53	14.97	31.31	9.44	98.636	31.161	9.425	0.11	14.97
1.53	2.74	15.67	34.05	9.94	98.409	33.857	9.922	0.14	15.67
1.54	2.83	16.37	36.88	10.44	98.159	36.635	10.411	0.17	16.37
1.55	2.81	17.06	39.69	10.90	97.708	39.381	10.875	0.21	17.06
1.56	2.67	18.33	42.36	11.37	97.373	41.981	11.336	0.22	18.33
1.57	2.41	19.59	44.77	11.81	97.001	44.318	11.772	0.23	19.59
1.58	2.04	20.85	46.81	12.21	96.596	46.289	12.158	0.22	20.85
1.59	1.55	22.09	48.36	12.53	96.164	47.779	12.468	0.19	22.09
1.60	0.93	23.33	49.29	12.73	95.711	48.670	12.667	0.13	23.33
1.61	0.58	24.48	49.87	12.87	95.240	49.222	12.799	0.09	24.48
1.62	0.55	25.62	50.42	13.00	94.758	49.743	12.934	0.09	25.62
1.63	0.53	26.76	50.95	13.15	94.486	50.244	13.071	0.09	26.76
1.64	0.51	27.89	51.46	13.29	93.912	50.723	13.211	0.10	27.89
1.65	0.50	29.01	51.96	13.45	93.278	51.189	13.355	0.11	29.01
1.66	0.49	29.78	52.45	13.60	92.586	51.643	13.500	0.12	29.78
1.67	0.48	30.55	52.93	13.75	91.837	52.084	13.644	0.13	30.55
1.68	0.48	31.31	53.41	13.91	91.034	52.521	13.791	0.14	31.31
1.69	0.48	32.07	53.89	14.07	90.178	52.954	13.940	0.15	32.07
1.70	0.48	32.82	54.37	14.24	89.079	53.381	14.092	0.17	32.82
1.71	0.50	33.47	54.87	14.41	88.106	53.822	14.250	0.19	33.47
1.72	0.51	34.12	55.38	14.59	87.084	54.266	14.413	0.21	34.12

1.73	0.52	34.77	55.90	14.78	86.015	54.713	14.579	0.23	34.77
1.74	0.52	35.41	56.42	14.97	84.903	55.155	14.746	0.25	35.41
1.75	0.52	36.05	56.94	15.16	83.752	55.590	14.913	0.27	36.05
1.76	0.50	36.67	57.44	15.35	82.565	56.003	15.079	0.28	36.67
1.77	0.49	37.29	57.93	15.54	81.345	56.401	15.230	0.29	37.29
1.78	0.46	37.90	58.39	15.71	80.095	56.770	15.377	0.29	37.90
1.79	0.43	38.51	58.82	15.88	78.819	57.109	15.515	0.29	38.51
1.80	0.39	39.11	59.21	16.03	77.520	57.411	15.639	0.28	39.11
1.81	0.35	39.60	59.56	16.17	76.201	57.678	15.750	0.27	39.60
1.82	0.33	40.08	59.89	16.30	74.866	57.925	15.854	0.26	40.08
1.83	0.32	40.56	60.21	16.43	73.618	58.161	15.954	0.27	40.56
1.84	0.30	41.03	60.51	16.55	72.161	58.377	16.047	0.27	41.03
1.85	0.29	41.50	60.80	16.67	70.640	58.582	16.136	0.27	41.50
1.86	0.29	42.27	61.09	16.79	69.067	58.782	16.225	0.29	42.27
1.87	0.28	43.04	61.37	16.91	67.451	58.971	16.311	0.29	43.04
1.88	0.28	43.81	61.65	17.04	65.803	59.155	16.396	0.31	43.81
1.89	0.28	44.57	61.93	17.16	64.136	59.335	16.481	0.32	44.57
1.90	0.29	45.32	62.22	17.29	62.458	59.516	16.569	0.35	45.32
1.91	0.29	46.03	62.51	17.42	60.782	59.692	16.656	0.36	46.03
1.92	0.29	46.73	62.80	17.56	59.118	59.864	16.742	0.38	46.73
1.93	0.29	47.43	63.09	17.70	57.478	60.030	16.828	0.39	47.43
1.94	0.29	48.12	63.38	17.84	55.871	60.192	16.912	0.41	48.12
1.95	0.29	48.82	63.67	17.98	54.309	60.350	16.995	0.42	48.82
1.96	0.29	49.13	63.96	18.12	52.802	60.503	17.076	0.44	49.13
1.97	0.29	49.45	64.25	18.26	51.362	60.652	17.156	0.45	49.45
1.98	0.29	49.77	64.54	18.40	50.000	60.797	17.234	0.46	49.77
1.99	0.29	50.08	64.83	18.54	48.690	60.938	17.310	0.47	50.08
2.00	0.28	50.39	65.11	18.68	47.399	61.071	17.382	0.47	50.39
2.01	0.27	50.41	65.38	18.81	46.130	61.195	17.449	0.46	50.41
2.02	0.26	50.44	65.64	18.94	44.882	61.312	17.512	0.46	50.44
2.03	0.24	50.46	65.88	19.05	43.657	61.417	17.568	0.43	50.46
2.04	0.23	50.48	66.11	19.16	42.455	61.515	17.620	0.42	50.48
2.05	0.23	50.50	66.34	19.27	41.278	61.609	17.671	0.43	50.50
2.06	0.23	51.54	66.57	19.38	40.126	61.702	17.722	0.44	51.54
2.07	0.23	52.57	66.80	19.50	39.001	61.791	17.772	0.45	52.57
2.08	0.24	53.60	67.04	19.62	37.902	61.882	17.825	0.48	53.60
2.09	0.25	54.63	67.29	19.75	36.832	61.975	17.879	0.50	54.63
2.10	0.26	55.64	67.55	19.89	35.790	62.068	17.936	0.53	55.64
2.11	0.29	56.34	67.84	20.04	34.778	62.168	17.998	0.60	56.34
2.12	0.32	57.04	68.16	20.22	33.797	62.277	18.066	0.68	57.04
2.13	0.35	57.74	68.51	20.41	32.847	62.392	18.139	0.75	57.74
2.14	0.36	58.43	68.87	20.61	31.930	62.506	18.213	0.78	58.43
2.15	0.38	59.11	69.25	20.82	31.046	62.624	18.290	0.84	59.11
2.16	0.38	59.64	69.63	21.03	30.196	62.739	18.366	0.85	59.64
2.17	0.38	60.17	70.01	21.24	29.381	62.851	18.440	0.86	60.17
2.18	0.38	60.69	70.39	21.45	28.602	62.960	18.513	0.87	60.69
2.19	0.37	61.21	70.76	21.66	27.860	63.063	18.583	0.85	61.21
2.20	0.35	61.73	71.11	21.86	27.156	63.158	18.648	0.81	61.73
2.21	0.30	62.15	71.41	22.03	26.490	63.237	18.703	0.70	62.15
2.22	0.25	62.56	71.66	22.17	25.863	63.302	18.747	0.59	62.56
2.23	0.21	62.98	71.87	22.29	25.278	63.355	18.785	0.50	62.98
2.24	0.18	63.39	72.05	22.39	24.464	63.399	18.816	0.43	63.39
2.25	0.17	63.81	72.22	22.49	23.945	63.440	18.844	0.41	63.81
2.26	0.17	64.09	72.39	22.59	23.446	63.479	18.873	0.42	64.09
2.27	0.18	64.37	72.57	22.69	22.966	63.521	18.902	0.44	64.37
2.28	0.21	64.65	72.78	22.81	22.507	63.568	18.936	0.52	64.65
2.29	0.25	64.92	73.03	22.96	22.070	63.623	18.976	0.62	64.92
2.30	0.30	65.20	73.33	23.13	21.657	63.688	19.023	0.75	65.20
2.31	1.55	65.20	74.88	24.00	21.267	64.018	19.261	3.89	65.20
2.32	1.54	65.21	76.42	24.83	20.903	64.340	19.491	3.89	65.21
2.33	1.53	65.21	77.95	25.62	20.565	64.654	19.714	3.88	65.21
2.34	1.53	65.21	79.48	26.39	20.255	64.964	19.931	3.89	65.21

2.35	1.52	65.22	81.00	27.11	19.973	65.268	20.141	3.88	65.22
2.36	1.51	65.22	82.51	27.81	19.729	65.566	20.346	3.87	65.22
2.37	1.51	65.22	84.02	28.48	19.458	65.860	20.546	3.88	65.22
2.38	1.50	65.23	85.52	29.13	19.186	66.147	20.741	3.87	65.23
2.39	1.49	65.23	87.01	29.75	18.914	66.429	20.930	3.86	65.23
2.40	1.49	65.23	88.50	30.34	18.643	66.707	21.114	3.87	65.23
2.41	1.48	65.23	89.98	30.92	18.373	66.979	21.293	3.86	65.23
2.42	1.48	65.24	91.46	31.47	18.104	67.247	21.468	3.87	65.24
2.43	1.47	65.24	92.93	32.01	17.837	67.509	21.638	3.85	65.24
2.44	1.46	65.24	94.39	32.52	17.573	67.766	21.803	3.84	65.24
2.45	1.46	65.25	95.85	33.02	17.311	68.018	21.965	3.85	65.25
2.46	0.29	67.36	96.14	33.12	17.052	68.068	21.998	0.77	67.36
2.47	0.29	69.46	96.43	33.23	16.797	68.117	22.032	0.77	69.46
2.48	0.28	71.55	96.71	33.34	16.545	68.163	22.065	0.75	71.55
2.49	0.28	73.63	96.99	33.46	16.299	68.209	22.100	0.75	73.63
2.50	0.28	75.70	97.27	33.58	16.057	68.253	22.135	0.75	75.70
2.51	0.28	77.77	97.55	33.71	15.821	68.298	22.171	0.75	77.77
2.52	0.28	79.83	97.83	33.84	15.590	68.341	22.208	0.75	79.83
2.53	0.28	81.88	98.11	33.98	15.366	68.384	22.246	0.76	81.88
2.54	0.28	83.92	98.39	34.12	15.148	68.427	22.284	0.76	83.92
2.55	0.28	85.95	98.67	34.27	14.938	68.469	22.323	0.76	85.95
2.56	0.28	87.98	98.95	34.42	14.791	68.510	22.363	0.76	87.98
2.57	0.27	89.99	99.22	34.57	14.581	68.549	22.401	0.74	89.99
2.58	0.27	92.00	99.49	34.73	14.370	68.588	22.441	0.74	92.00
2.59	0.27	94.01	99.76	34.89	14.160	68.627	22.481	0.74	94.01
2.60	0.27	96.00	100.03	35.05	13.949	68.664	22.521	0.74	96.00

HEAD ASH %	35.05	CLEAN COAL ASH %	22.52	REFUSE ASH %	62.51
THEO. YIELD	72.27	CLEAN COAL YIELD%	68.66	REFUSE YIELD%	31.34
SG OF SEPARATION	2.253	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	12.111	IMPERFECTION	0.212		
ORGANIC EFFCY.	95.00				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 24 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.16 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	1.02	0.21	1.02	0.21	100.000	1.020	0.210	0.0	0.21
1.25	1.03	0.41	2.05	0.31	100.000	2.050	0.310	0.0	0.41
1.26	1.05	0.61	3.10	0.41	100.000	3.100	0.412	0.0	0.61
1.27	1.07	0.81	4.17	0.51	100.000	4.170	0.514	0.0	0.81
1.28	1.09	1.01	5.26	0.62	100.000	5.260	0.617	0.0	1.01
1.29	1.11	1.20	6.37	0.72	100.000	6.370	0.718	0.0	1.20
1.30	1.14	1.39	7.51	0.82	100.000	7.510	0.820	0.0	1.39
1.31	1.17	1.58	8.68	0.92	100.000	8.680	0.923	0.0	1.58
1.32	1.20	2.02	9.88	1.06	100.000	9.880	1.056	0.0	2.02
1.33	1.24	2.69	11.12	1.24	100.000	11.120	1.238	0.0	2.69
1.34	1.27	3.36	12.39	1.46	100.000	12.390	1.456	0.0	3.36
1.35	1.31	4.02	13.70	1.70	100.000	13.700	1.701	0.0	4.02
1.36	1.36	4.67	15.06	1.97	100.000	15.060	1.969	0.0	4.67
1.37	1.40	5.33	16.46	2.25	100.000	16.460	2.255	0.0	5.33
1.38	1.45	5.97	17.91	2.56	100.000	17.910	2.556	0.0	5.97
1.39	1.50	6.62	19.41	2.87	100.000	19.410	2.870	0.0	6.62
1.40	1.56	7.25	20.97	3.20	100.000	20.970	3.196	0.0	7.25
1.41	1.60	7.63	22.57	3.51	99.950	22.569	3.510	0.00	7.63
1.42	1.62	8.00	24.19	3.81	99.887	24.187	3.810	0.01	8.00
1.43	1.64	8.37	25.83	4.10	99.810	25.824	4.099	0.02	8.37
1.44	1.66	8.74	27.49	4.38	99.722	27.480	4.379	0.02	8.74
1.45	1.68	9.10	29.17	4.65	99.623	29.153	4.650	0.03	9.10
1.46	1.69	9.84	30.86	4.94	99.513	30.835	4.933	0.04	9.84
1.47	1.70	10.58	32.56	5.23	99.394	32.525	5.226	0.05	10.58
1.48	1.71	11.32	34.27	5.53	99.265	34.222	5.529	0.06	11.32
1.49	1.71	12.05	35.98	5.84	99.129	35.917	5.836	0.07	12.05
1.50	1.71	12.77	37.69	6.16	98.985	37.610	6.148	0.09	12.77
1.51	1.74	13.07	39.43	6.46	98.835	39.330	6.451	0.10	13.07
1.52	1.78	13.37	41.21	6.76	98.636	41.085	6.747	0.12	13.37
1.53	1.81	13.66	43.02	7.05	98.409	42.867	7.034	0.14	13.66
1.54	1.83	13.95	44.85	7.33	98.159	44.663	7.312	0.17	13.95
1.55	1.83	14.25	46.68	7.60	97.708	46.451	7.579	0.21	14.25
1.56	1.83	15.77	48.51	7.91	97.373	48.233	7.882	0.24	15.77
1.57	1.81	17.29	50.32	8.25	97.001	49.989	8.212	0.27	17.29
1.58	1.78	18.80	52.10	8.61	96.596	51.708	8.564	0.30	18.80
1.59	1.74	20.30	53.84	8.99	96.164	53.381	8.932	0.33	20.30
1.60	1.69	21.79	55.53	9.38	95.711	54.999	9.310	0.36	21.79
1.61	1.60	23.19	57.13	9.76	95.240	56.523	9.685	0.38	23.19
1.62	1.47	24.57	58.60	10.14	94.758	57.916	10.043	0.38	24.57
1.63	1.34	25.95	59.94	10.49	94.486	59.182	10.383	0.37	25.95
1.64	1.22	27.32	61.16	10.83	93.912	60.327	10.705	0.37	27.32
1.65	1.10	28.68	62.26	11.14	93.278	61.353	11.005	0.37	28.68
1.66	0.99	28.87	63.25	11.42	92.586	62.270	11.268	0.37	28.87
1.67	0.87	29.05	64.12	11.66	91.837	63.069	11.493	0.35	29.05
1.68	0.76	29.23	64.88	11.86	91.034	63.761	11.686	0.34	29.23
1.69	0.66	29.42	65.54	12.04	90.178	64.358	11.850	0.32	29.42
1.70	0.55	29.60	66.09	12.19	89.079	64.846	11.984	0.30	29.60
1.71	0.50	30.01	66.59	12.32	88.106	65.287	12.106	0.30	30.01
1.72	0.49	30.42	67.08	12.45	87.084	65.713	12.225	0.31	30.42

1.73	0.48	30.83	67.56	12.58	86.015	66.126	12.341	0.33	30.83
1.74	0.48	31.23	68.04	12.71	84.903	66.534	12.456	0.36	31.23
1.75	0.47	31.64	68.51	12.84	83.752	66.927	12.569	0.38	31.64
1.76	0.47	32.30	68.98	12.98	82.565	67.315	12.683	0.41	32.30
1.77	0.48	32.86	69.46	13.11	81.345	67.706	12.800	0.45	32.96
1.78	0.48	33.61	69.94	13.26	80.095	68.090	12.917	0.48	33.61
1.79	0.49	34.26	70.43	13.40	78.819	68.476	13.038	0.52	34.26
1.80	0.50	34.91	70.93	13.55	77.520	68.864	13.161	0.56	34.91
1.81	0.51	35.39	71.44	13.71	76.201	69.253	13.286	0.60	35.39
1.82	0.51	35.87	71.95	13.87	74.866	69.635	13.409	0.64	35.87
1.83	0.51	36.35	72.46	14.02	73.618	70.010	13.532	0.67	36.35
1.84	0.51	36.82	72.97	14.18	72.161	70.378	13.654	0.71	36.82
1.85	0.51	37.29	73.48	14.34	70.640	70.738	13.775	0.74	37.29
1.86	0.51	37.82	73.99	14.51	69.067	71.091	13.894	0.78	37.82
1.87	0.51	38.35	74.50	14.67	67.451	71.435	14.012	0.83	38.35
1.88	0.51	38.88	75.01	14.83	65.803	71.770	14.128	0.87	38.88
1.89	0.50	39.41	75.51	15.00	64.136	72.091	14.240	0.89	39.41
1.90	0.50	39.93	76.01	15.16	62.458	72.403	14.351	0.93	39.93
1.91	0.50	40.27	76.51	15.32	60.782	72.707	14.459	0.98	40.27
1.92	0.49	40.60	77.00	15.49	59.118	72.997	14.563	1.00	40.60
1.93	0.49	40.94	77.49	15.65	57.478	73.278	14.665	1.04	40.94
1.94	0.49	41.27	77.98	15.81	55.871	73.552	14.764	1.08	41.27
1.95	0.48	41.61	78.46	15.97	54.309	73.813	14.858	1.09	41.61
1.96	0.48	42.08	78.94	16.12	52.802	74.066	14.952	1.13	42.08
1.97	0.48	42.56	79.42	16.28	51.362	74.313	15.043	1.16	42.56
1.98	0.48	43.03	79.90	16.44	50.000	74.553	15.133	1.19	43.03
1.99	0.48	43.51	80.38	16.61	48.690	74.786	15.222	1.22	43.51
2.00	0.48	43.97	80.86	16.77	47.399	75.014	15.309	1.26	43.97
2.01	0.48	44.28	81.34	16.93	46.130	75.235	15.394	1.29	44.28
2.02	0.48	44.58	81.82	17.09	44.882	75.451	15.478	1.32	44.58
2.03	0.47	44.87	82.29	17.25	43.657	75.656	15.557	1.32	44.87
2.04	0.47	45.17	82.76	17.41	42.455	75.856	15.635	1.35	45.17
2.05	0.46	45.47	83.22	17.57	41.278	76.045	15.710	1.34	45.47
2.06	0.45	45.57	83.67	17.72	40.126	76.226	15.781	1.34	45.57
2.07	0.45	45.67	84.12	17.87	39.001	76.402	15.849	1.37	45.67
2.08	0.44	45.77	84.56	18.01	37.902	76.568	15.914	1.36	45.77
2.09	0.44	45.88	85.00	18.16	36.832	76.730	15.978	1.38	45.88
2.10	0.43	45.98	85.43	18.30	35.790	76.884	16.038	1.37	45.98
2.11	0.41	46.10	85.84	18.43	34.778	77.027	16.093	1.33	46.10
2.12	0.37	46.23	86.21	18.55	33.797	77.152	16.142	1.22	46.23
2.13	0.33	46.36	86.54	18.65	32.847	77.260	16.185	1.10	46.36
2.14	0.30	46.49	86.84	18.75	31.930	77.356	16.222	1.02	46.49
2.15	0.28	46.61	87.12	18.84	31.046	77.443	16.256	0.96	46.61
2.16	0.25	46.74	87.37	18.92	30.196	77.518	16.286	0.87	46.74
2.17	0.24	46.86	87.61	19.00	29.381	77.589	16.314	0.84	46.86
2.18	0.22	46.99	87.83	19.07	28.602	77.652	16.339	0.78	46.99
2.19	0.22	47.11	88.05	19.14	27.860	77.713	16.363	0.79	47.11
2.20	0.21	47.24	88.26	19.20	27.156	77.770	16.385	0.76	47.24
2.21	0.21	47.24	88.47	19.27	26.490	77.826	16.408	0.77	47.24
2.22	0.16	47.24	88.63	19.32	25.863	77.867	16.424	0.59	47.24
2.23	0.13	47.24	88.76	19.36	25.278	77.900	16.437	0.48	47.24
2.24	0.11	47.24	88.87	19.39	24.464	77.927	16.448	0.41	47.24
2.25	0.10	47.24	88.97	19.43	23.945	77.951	16.457	0.38	47.24
2.26	0.08	47.65	89.05	19.45	23.446	77.970	16.464	0.30	47.65
2.27	0.09	48.07	89.14	19.48	22.966	77.990	16.473	0.34	48.07
2.28	0.11	48.48	89.25	19.52	22.507	78.015	16.483	0.42	48.48
2.29	0.14	48.90	89.39	19.56	22.070	78.046	16.496	0.54	48.90
2.30	0.17	49.31	89.56	19.62	21.657	78.083	16.511	0.66	49.31
2.31	0.37	49.31	89.93	19.74	21.267	78.162	16.544	1.45	49.31
2.32	0.37	49.31	90.30	19.86	20.903	78.239	16.577	1.46	49.31
2.33	0.37	49.31	90.67	19.98	20.565	78.315	16.609	1.46	49.31
2.34	0.36	49.31	91.03	20.10	20.255	78.388	16.639	1.43	49.31

2.35	0.36	49.31	91.39	20.21	19.973	78.460	16.669	.43	49.31
2.36	0.36	49.31	91.75	20.33	19.729	78.531	16.698	1.44	49.31
2.37	0.36	49.31	92.11	20.44	19.458	78.601	16.727	1.44	49.31
2.38	0.36	49.31	92.47	20.55	19.186	78.670	16.756	1.45	49.31
2.39	0.36	49.31	92.83	20.66	18.914	78.738	16.784	1.45	49.31
2.40	0.35	49.31	93.18	20.77	18.643	78.803	16.811	1.42	49.31
2.41	0.35	49.31	93.53	20.88	18.373	78.868	16.838	1.42	49.31
2.42	0.35	49.31	93.88	20.98	18.104	78.931	16.864	1.43	49.31
2.43	0.35	49.31	94.23	21.09	17.837	78.993	16.889	1.43	49.31
2.44	0.35	49.31	94.58	21.19	17.573	79.055	16.915	1.43	49.31
2.45	0.35	49.31	94.93	21.30	17.311	79.115	16.939	1.44	49.31
2.46	0.35	52.51	95.28	21.41	17.052	79.175	16.966	1.44	52.51
2.47	0.34	55.69	95.62	21.53	16.797	79.232	16.994	1.41	55.69
2.48	0.34	58.87	95.96	21.67	16.545	79.289	17.024	1.41	58.87
2.49	0.34	62.03	96.30	21.81	16.299	79.344	17.055	1.42	62.03
2.50	0.34	65.18	96.64	21.96	16.057	79.399	17.088	1.42	65.18
2.51	0.34	68.32	96.98	22.12	15.821	79.452	17.123	1.42	68.32
2.52	0.34	71.44	97.32	22.30	15.590	79.505	17.159	1.43	71.44
2.53	0.34	74.55	97.66	22.48	15.366	79.558	17.197	1.43	74.55
2.54	0.33	77.65	97.99	22.66	15.148	79.608	17.235	1.39	77.65
2.55	0.33	80.74	98.32	22.86	14.938	79.657	17.274	1.40	80.74
2.56	0.33	83.82	98.65	23.06	14.791	79.706	17.315	1.40	83.82
2.57	0.33	86.88	98.98	23.28	14.581	79.754	17.357	1.40	86.88
2.58	0.33	89.93	99.31	23.50	14.370	79.801	17.400	1.41	89.93
2.59	0.33	92.97	99.64	23.73	14.160	79.848	17.444	1.41	92.97
2.60	0.33	96.00	99.97	23.97	13.949	79.894	17.490	1.41	96.00

HEAD ASH %	23.97	CLEAN COAL ASH %	17.49	REFUSE ASH %	49.70
THEO. YIELD	82.99	CLEAN COAL YIELD%	79.89	REFUSE YIELD%	20.11
SG OF SEPARATION	2.045	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	8.758	IMPERFECTION	0.212		
ORGANIC EFFCY.	96.26				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82004 SID: 26 WID: WA1 EQUIPE JIG SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 73.54 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL SINK WT%	CUM. ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.24	0.49	0.24	0.49	100.000	0.240	0.490	0.0	0.49
1.25	0.24	0.97	0.48	0.73	100.000	0.480	0.730	0.0	0.97
1.26	0.24	1.45	0.72	0.97	100.000	0.720	0.970	0.0	1.45
1.27	0.24	1.92	0.96	1.21	100.000	0.960	1.207	0.0	1.92
1.28	0.24	2.39	1.20	1.44	100.000	1.200	1.444	0.0	2.39
1.29	0.23	2.85	1.43	1.67	100.000	1.430	1.670	0.0	2.85
1.30	0.23	3.31	1.66	1.90	100.000	1.660	1.897	0.0	3.31
1.31	0.23	3.77	1.89	2.13	100.000	1.890	2.125	0.0	3.77
1.32	0.23	4.27	2.12	2.36	100.000	2.120	2.358	0.0	4.27
1.33	0.23	4.82	2.35	2.60	100.000	2.350	2.599	0.0	4.82
1.34	0.23	5.37	2.58	2.85	100.000	2.580	2.846	0.0	5.37
1.35	0.22	5.91	2.80	3.09	100.000	2.800	3.087	0.0	5.91
1.36	0.22	6.45	3.02	3.33	100.000	3.020	3.332	0.0	6.45
1.37	0.22	6.99	3.24	3.58	100.000	3.240	3.580	0.0	6.99
1.38	0.22	7.52	3.46	3.83	100.000	3.460	3.831	0.0	7.52
1.39	0.22	8.04	3.68	4.08	100.000	3.680	4.082	0.0	8.04
1.40	0.22	8.57	3.90	4.34	100.000	3.900	4.335	0.0	8.57
1.41	1.08	8.79	4.98	5.30	99.950	4.979	5.301	0.00	8.79
1.42	1.23	9.00	6.21	6.03	99.887	6.208	6.033	0.01	9.00
1.43	1.38	9.22	7.59	6.61	99.810	7.585	6.612	0.01	9.22
1.44	1.53	9.43	9.12	7.09	99.722	9.111	7.084	0.02	9.43
1.45	1.67	9.64	10.79	7.48	99.623	10.775	7.478	0.03	9.64
1.46	1.80	10.51	12.59	7.91	99.513	12.566	7.911	0.05	10.51
1.47	1.93	11.36	14.52	8.37	99.394	14.484	8.367	0.06	11.36
1.48	2.06	12.21	16.58	8.85	99.265	16.529	8.843	0.08	12.21
1.49	2.18	13.05	18.76	9.34	99.129	18.690	9.329	0.10	13.05
1.50	2.30	13.89	21.06	9.83	98.985	20.967	9.824	0.12	13.89
1.51	2.62	14.38	23.68	10.34	98.838	23.556	10.325	0.16	14.38
1.52	3.07	14.87	26.75	10.86	98.636	26.585	10.843	0.22	14.87
1.53	3.39	15.36	30.14	11.36	98.409	29.921	11.347	0.28	15.36
1.54	3.58	15.84	33.72	11.84	98.159	33.435	11.819	0.34	15.84
1.55	3.65	16.32	37.37	12.28	97.708	37.001	12.253	0.43	16.32
1.56	3.59	17.51	40.96	12.74	97.373	40.497	12.706	0.49	17.51
1.57	3.40	18.69	44.36	13.19	97.001	43.795	13.157	0.53	18.69
1.58	3.08	19.86	47.44	13.62	96.596	46.770	13.583	0.54	19.86
1.59	2.64	21.03	50.08	14.02	96.164	49.309	13.967	0.52	21.03
1.60	2.07	22.19	52.15	14.34	95.711	51.290	14.285	0.46	22.19
1.61	1.70	23.26	53.85	14.62	95.240	52.909	14.559	0.42	23.26
1.62	1.61	24.33	55.46	14.90	94.758	54.435	14.833	0.44	24.33
1.63	1.52	25.38	56.98	15.18	94.486	55.871	15.104	0.43	25.38
1.64	1.44	26.44	58.42	15.46	93.912	57.223	15.372	0.45	26.44
1.65	1.36	27.48	59.78	15.73	93.278	58.492	15.635	0.47	27.48
1.66	1.29	28.23	61.07	16.00	92.586	59.686	15.887	0.49	28.23
1.67	1.22	28.97	62.29	16.25	91.837	60.806	16.128	0.51	28.97
1.68	1.15	29.71	63.44	16.50	91.034	61.853	16.358	0.53	29.71
1.69	1.09	30.44	64.53	16.73	90.178	62.836	16.578	0.55	30.44
1.70	1.04	31.17	65.57	16.96	89.078	63.763	16.790	0.59	31.17
1.71	.02	31.91	66.59	17.19	88.106	64.661	17.000	63	31.91
1.72	.03	32.64	67.62	17.42	87.084	66.558	17.214	39	32.64

1.73	1.03	33.36	68.65	17.66	86.015	66.444	17.429	0.74	33.36
1.74	1.02	34.09	69.67	17.90	84.903	67.310	17.644	0.79	34.09
1.75	0.99	34.81	70.66	18.14	83.752	68.139	17.853	0.83	34.81
1.76	0.96	35.56	71.62	18.37	82.565	68.932	18.056	0.86	35.56
1.77	0.91	36.31	72.53	18.60	81.345	69.672	18.250	0.88	36.31
1.78	0.85	37.06	73.38	18.81	80.095	70.359	18.432	0.87	37.06
1.79	0.78	37.80	74.16	19.01	78.819	70.968	18.600	0.85	37.80
1.80	0.70	38.53	74.86	19.20	77.520	71.511	18.751	0.81	38.53
1.81	0.51	39.27	75.37	19.33	76.201	71.899	18.862	0.63	39.27
1.82	0.49	40.00	75.86	19.46	74.866	72.266	18.969	0.64	40.00
1.83	0.47	40.73	76.33	19.60	73.618	72.612	19.073	0.64	40.73
1.84	0.45	41.45	76.78	19.72	72.161	72.937	19.173	0.65	41.45
1.85	0.42	42.17	77.20	19.85	70.640	73.233	19.266	0.64	42.17
1.86	0.66	42.17	77.86	20.04	69.067	73.689	19.408	1.05	42.17
1.87	0.60	42.17	78.46	20.20	67.451	74.094	19.532	1.01	42.17
1.88	0.54	42.17	79.00	20.35	65.803	74.449	19.640	0.95	42.17
1.89	0.47	42.17	79.47	20.48	64.136	74.751	19.731	0.87	42.17
1.90	0.40	42.17	79.87	20.59	62.458	75.001	19.806	0.77	42.17
1.91	0.32	42.17	80.19	20.68	60.782	75.195	19.863	0.65	42.17
1.92	0.32	42.17	80.51	20.76	59.118	75.384	19.919	0.68	42.17
1.93	0.32	42.17	80.83	20.85	57.478	75.568	19.974	0.70	42.17
1.94	0.31	42.17	81.14	20.93	55.871	75.741	20.024	0.71	42.17
1.95	0.31	42.17	81.45	21.01	54.309	75.910	20.073	0.73	42.17
1.96	0.23	42.74	81.68	21.07	52.802	76.031	20.110	0.56	42.74
1.97	0.22	43.30	81.90	21.13	51.362	76.144	20.144	0.55	43.30
1.98	0.22	43.86	82.12	21.19	50.000	76.254	20.178	0.57	43.86
1.99	0.22	44.41	82.34	21.25	48.690	76.361	20.212	0.58	44.41
2.00	0.22	44.96	82.56	21.32	47.399	76.466	20.246	0.60	44.96
2.01	0.26	45.40	82.82	21.39	46.130	76.586	20.285	0.72	45.40
2.02	0.26	45.82	83.08	21.47	44.882	76.702	20.324	0.74	45.82
2.03	0.25	46.25	83.33	21.54	43.657	76.811	20.361	0.73	46.25
2.04	0.25	46.68	83.58	21.62	42.455	76.918	20.397	0.74	46.68
2.05	0.25	47.10	83.83	21.70	41.278	77.021	20.433	0.76	47.10
2.06	0.25	47.39	84.08	21.77	40.126	77.121	20.468	0.77	47.39
2.07	0.26	47.67	84.34	21.85	39.001	77.222	20.504	0.82	47.67
2.08	0.26	47.96	84.60	21.93	37.902	77.321	20.539	0.83	47.96
2.09	0.26	48.24	84.86	22.01	36.832	77.417	20.573	0.85	48.24
2.10	0.26	48.52	85.12	22.09	35.790	77.510	20.607	0.86	48.52
2.11	0.26	48.65	85.38	22.17	34.778	77.600	20.639	0.88	48.65
2.12	0.27	48.78	85.65	22.26	33.797	77.691	20.673	0.92	48.78
2.13	0.28	48.91	85.93	22.34	32.847	77.783	20.706	0.97	48.91
2.14	0.28	49.03	86.21	22.43	31.930	77.879	20.738	0.98	49.03
2.15	0.28	49.16	86.49	22.52	31.046	77.960	20.770	1.00	49.16
2.16	0.28	50.30	86.77	22.61	30.196	78.044	20.802	1.01	50.30
2.17	0.28	51.43	87.05	22.70	29.381	78.127	20.834	1.02	51.43
2.18	0.28	52.56	87.33	22.80	28.602	78.207	20.867	1.03	52.56
2.19	0.28	53.68	87.61	22.89	27.860	78.285	20.900	1.04	53.68
2.20	0.27	54.80	87.88	22.99	27.156	78.358	20.931	1.02	54.80
2.21	0.26	55.55	88.14	23.09	26.490	78.427	20.962	0.99	55.55
2.22	0.25	56.29	88.39	23.18	25.863	78.492	20.991	0.96	56.29
2.23	0.24	57.02	88.63	23.27	25.278	78.552	21.019	0.93	57.02
2.24	0.23	57.76	88.86	23.36	24.464	78.608	21.045	0.90	57.76
2.25	0.23	58.49	89.09	23.45	23.945	78.664	21.071	0.90	58.49
2.26	0.23	59.53	89.32	23.55	23.446	78.717	21.097	0.91	59.53
2.27	0.23	60.57	89.55	23.64	22.966	78.770	21.124	0.91	60.57
2.28	0.23	61.60	89.78	23.74	22.507	78.822	21.151	0.92	61.60
2.29	0.24	62.63	90.02	23.84	22.070	78.875	21.178	0.97	62.63
2.30	0.26	63.65	90.28	23.96	21.657	78.931	21.209	1.05	63.65
2.31	0.34	64.33	90.62	24.11	21.267	79.004	21.248	1.38	64.33
2.32	0.34	65.01	90.96	24.26	20.903	79.075	21.287	1.39	65.01
2.33	0.34	65.68	91.30	24.42	20.565	79.145	21.327	1.39	65.68
2.34	0.34	66.35	91.64	24.57	20.255	79.213	21.366	1.40	66.35

2.35	0.34	67.02	91.98	24.73	19.973	79.281	21.405	1.40	67.02
2.36	0.34	67.69	92.32	24.89	19.729	79.348	21.444	1.41	67.69
2.37	0.34	68.35	92.66	25.05	19.458	79.415	21.483	1.41	68.35
2.38	0.33	69.01	92.99	25.20	19.186	79.478	21.521	1.38	69.01
2.39	0.33	69.67	93.32	25.36	18.914	79.540	21.559	1.38	69.67
2.40	0.33	70.32	93.65	25.52	18.643	79.602	21.597	1.39	70.32
2.41	0.33	70.97	93.98	25.68	18.373	79.663	21.634	1.39	70.97
2.42	0.33	71.62	94.31	25.84	18.104	79.722	21.672	1.39	71.62
2.43	0.33	72.27	94.64	26.00	17.837	79.781	21.709	1.40	72.27
2.44	0.33	72.91	94.97	26.16	17.573	79.839	21.746	1.40	72.91
2.45	0.32	73.55	95.29	26.32	17.311	79.895	21.782	1.37	73.55
2.46	0.32	75.09	95.61	26.49	17.052	79.949	21.818	1.37	75.09
2.47	0.32	76.62	95.93	26.65	16.797	80.003	21.855	1.37	76.62
2.48	0.32	78.15	96.25	26.82	16.545	80.056	21.892	1.38	78.15
2.49	0.32	79.67	96.57	27.00	16.299	80.108	21.930	1.38	79.67
2.50	0.32	81.18	96.89	27.18	16.057	80.159	21.968	1.39	81.18
2.51	0.32	82.69	97.21	27.36	15.821	80.210	22.006	1.39	82.69
2.52	0.32	84.19	97.53	27.55	15.590	80.260	22.045	1.39	84.19
2.53	0.31	85.69	97.84	27.73	15.366	80.307	22.083	1.35	85.69
2.54	0.31	87.18	98.15	27.92	15.148	80.354	22.121	1.36	87.18
2.55	0.31	88.67	98.46	28.11	14.938	80.401	22.159	1.36	88.67
2.56	0.31	90.14	98.77	28.31	14.791	80.447	22.198	1.36	90.14
2.57	0.31	91.62	99.08	28.50	14.581	80.492	22.237	1.37	91.62
2.58	0.31	93.08	99.39	28.71	14.370	80.536	22.276	1.37	93.08
2.59	0.31	94.54	99.70	28.91	14.160	80.580	22.315	1.37	94.54
2.60	0.31	96.00	100.01	29.12	13.949	80.623	22.355	1.38	96.00

HEAD ASH %	29.12	CLEAN COAL ASH %	22.35	REFUSE ASH %	57.26
THEO. YIELD	85.96	CLEAN COAL YIELD%	80.62	REFUSE YIELD%	19.38
SG OF SEPARATION	2.131	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	5.298	IMPERFECTION	0.212		
ORGANIC EFFCY.	93.79				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 40 WID: WA1 EQUIPE JIG SG-ASH 0.00 EP 0.000 SG 0.00
---------FLOAT----------
FRACTION-SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 79.94 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.23	0.40	0.23	0.40	100.000	0.230	0.400	0.0	0.40
1.25	0.23	0.79	0.46	0.59	100.000	0.460	0.595	0.0	0.79
1.26	0.23	1.17	0.69	0.79	100.000	0.690	0.787	0.0	1.17
1.27	0.23	1.55	0.92	0.98	100.000	0.920	0.977	0.0	1.55
1.28	0.23	1.93	1.15	1.17	100.000	1.150	1.168	0.0	1.93
1.29	0.23	2.31	1.38	1.36	100.000	1.380	1.358	0.0	2.31
1.30	0.22	2.68	1.60	1.54	100.000	1.600	1.540	0.0	2.68
1.31	0.22	3.05	1.82	1.72	100.000	1.820	1.723	0.0	3.05
1.32	0.22	3.54	2.04	1.92	100.000	2.040	1.919	0.0	3.54
1.33	0.22	4.15	2.26	2.14	100.000	2.260	2.136	0.0	4.15
1.34	0.22	4.76	2.48	2.37	100.000	2.480	2.369	0.0	4.76
1.35	0.22	5.36	2.70	2.61	100.000	2.700	2.612	0.0	5.36
1.36	0.21	5.96	2.91	2.85	100.000	2.910	2.854	0.0	5.96
1.37	0.21	6.56	3.12	3.10	100.000	3.120	3.103	0.0	6.56
1.38	0.21	7.15	3.33	3.36	100.000	3.330	3.359	0.0	7.15
1.39	0.21	7.73	3.54	3.62	100.000	3.540	3.618	0.0	7.73
1.40	0.21	8.31	3.75	3.88	100.000	3.750	3.881	0.0	8.31
1.41	0.65	8.65	4.40	4.59	99.950	4.400	4.585	0.00	8.65
1.42	0.69	8.98	5.09	5.18	99.887	5.089	5.180	0.00	8.98
1.43	0.73	9.31	5.82	5.70	99.810	5.818	5.697	0.00	9.31
1.44	0.77	9.63	6.59	6.16	99.722	6.585	6.156	0.01	9.63
1.45	0.80	9.96	7.39	6.57	99.623	7.382	6.567	0.01	9.96
1.46	0.82	11.28	8.21	7.04	99.513	8.198	7.036	0.01	11.28
1.47	0.84	12.59	9.05	7.56	99.394	9.033	7.549	0.01	12.59
1.48	0.86	13.89	9.91	8.11	99.265	9.887	8.097	0.02	13.89
1.49	0.87	15.19	10.78	8.68	99.129	10.749	8.666	0.02	15.19
1.50	0.88	16.47	11.66	9.26	98.985	11.620	9.251	0.02	16.47
1.51	0.89	17.21	12.55	9.83	98.835	12.500	9.811	0.03	17.21
1.52	0.92	17.94	13.47	10.38	98.636	13.408	10.361	0.03	17.94
1.53	0.94	18.67	14.41	10.92	98.409	14.333	10.897	0.04	18.67
1.54	0.97	19.40	15.38	11.46	98.159	15.285	11.427	0.05	19.40
1.55	1.00	20.12	16.38	11.99	97.708	16.262	11.949	0.06	20.12
1.56	1.02	21.32	17.40	12.53	97.373	17.255	12.489	0.07	21.32
1.57	1.05	22.51	18.45	13.10	97.001	18.273	13.047	0.09	22.51
1.58	1.08	23.69	19.53	13.69	96.596	19.317	13.622	0.10	23.69
1.59	1.12	24.86	20.65	14.29	96.164	20.394	14.216	0.12	24.86
1.60	1.15	26.03	21.80	14.91	95.711	21.494	14.821	0.14	26.03
1.61	1.38	26.82	23.18	15.62	95.240	22.809	15.512	0.18	26.82
1.62	1.74	27.60	24.92	16.46	94.758	24.458	16.327	0.25	27.60
1.63	2.01	28.38	26.93	17.35	94.486	26.357	17.195	0.30	28.38
1.64	2.18	29.15	29.11	18.29	93.912	28.404	18.057	0.36	29.15
1.65	2.25	29.92	31.36	19.07	93.278	30.503	18.873	0.41	29.92
1.66	2.22	30.55	33.58	19.83	92.586	32.558	19.610	0.45	30.55
1.67	2.10	31.19	35.68	20.50	91.837	34.487	20.258	0.47	31.19
1.68	1.88	31.82	37.56	21.06	91.034	36.198	20.805	0.46	31.82
1.69	1.57	32.44	39.13	21.52	90.178	37.614	21.243	0.42	32.44
1.70	1.16	33.06	40.29	21.85	89.079	38.647	21.559	0.35	33.06
1.71	0.90	33.54	41.19	22.11	88.106	39.440	21.799	0.29	33.54
1.72	0.87	34.01	42.06	22.35	87.084	40.198	22.030	0.31	34.01

1.73	0.84	34.47	42.90	22.59	86.015	40.920	22.249	0.32	34.47
1.74	0.82	34.94	43.72	22.82	84.903	41.617	22.462	0.34	34.94
1.75	0.81	35.40	44.53	23.05	83.752	42.295	22.669	0.36	35.40
1.76	0.81	36.08	45.34	23.28	82.565	42.964	22.878	0.39	36.08
1.77	0.81	36.75	46.15	23.52	81.345	43.623	23.087	0.41	36.75
1.78	0.83	37.42	46.98	23.77	80.095	44.287	23.303	0.45	37.42
1.79	0.85	38.09	47.83	24.02	78.819	44.957	23.523	0.49	38.09
1.80	0.88	38.75	48.71	24.29	77.520	45.640	23.751	0.54	38.75
1.81	0.91	39.24	49.62	24.56	76.201	46.333	23.982	0.59	39.24
1.82	0.93	39.72	50.55	24.84	74.866	47.029	24.215	0.64	39.72
1.83	0.94	40.19	51.49	25.12	73.618	47.721	24.447	0.68	40.19
1.84	0.95	40.67	52.44	25.40	72.161	48.407	24.677	0.72	40.67
1.85	0.95	41.14	53.39	25.68	70.640	49.078	24.902	0.76	41.14
1.86	0.94	41.81	54.33	25.96	69.067	49.727	25.123	0.80	41.81
1.87	0.92	42.48	55.25	26.24	67.451	50.348	25.337	0.82	42.48
1.88	0.89	43.14	56.14	26.50	65.803	50.933	25.541	0.83	43.14
1.89	0.86	43.80	57.00	26.77	64.136	51.485	25.737	0.84	43.80
1.90	0.81	44.46	57.81	27.01	62.458	51.991	25.919	0.83	44.46
1.91	0.74	45.02	58.55	27.24	60.782	52.441	26.083	0.79	45.02
1.92	0.64	45.57	59.19	27.44	59.118	52.819	26.223	0.72	45.57
1.93	0.57	46.12	59.76	27.62	57.478	53.147	26.345	0.66	46.12
1.94	0.52	46.67	60.28	27.78	55.871	53.437	26.456	0.63	46.67
1.95	0.48	47.22	60.76	27.94	54.309	53.698	26.556	0.60	47.22
1.96	0.46	47.77	61.22	28.08	52.802	53.941	26.652	0.59	47.77
1.97	0.46	48.33	61.68	28.24	51.362	54.177	26.747	0.61	48.33
1.98	0.48	48.88	62.16	28.39	50.000	54.417	26.844	0.66	48.88
1.99	0.52	49.42	62.68	28.57	48.690	54.670	26.949	0.73	49.42
2.00	0.57	49.97	63.25	28.76	47.399	54.940	27.062	0.82	49.97
2.01	0.64	50.40	63.89	28.98	46.130	55.236	27.187	0.94	50.40
2.02	0.69	50.82	64.58	29.21	44.882	55.545	27.318	1.04	50.82
2.03	0.73	51.24	65.31	29.46	43.657	55.864	27.455	1.13	51.24
2.04	0.75	51.66	66.06	29.71	42.455	56.182	27.592	1.18	51.66
2.05	0.76	52.08	66.82	29.96	41.278	56.496	27.728	1.22	52.08
2.06	0.74	52.74	67.56	30.21	40.126	56.793	27.859	1.21	52.74
2.07	0.71	53.40	68.27	30.46	39.001	57.070	27.983	1.19	53.40
2.08	0.66	54.05	68.93	30.68	37.902	57.320	28.097	1.12	54.05
2.09	0.60	54.70	69.53	30.89	36.832	57.541	28.199	1.04	54.70
2.10	0.51	55.35	70.04	31.07	35.790	57.724	28.285	0.90	55.35
2.11	0.41	56.03	70.45	31.21	34.778	57.866	28.353	0.73	56.03
2.12	0.32	56.71	70.77	31.33	33.797	57.974	28.406	0.58	56.71
2.13	0.25	57.39	71.02	31.42	32.847	58.056	28.447	0.46	57.39
2.14	0.19	58.07	71.21	31.49	31.930	58.117	28.478	0.35	58.07
2.15	0.16	58.74	71.37	31.55	31.046	58.167	28.504	0.30	58.74
2.16	0.14	59.07	71.51	31.60	30.196	58.209	28.526	0.27	59.07
2.17	0.15	59.39	71.66	31.66	29.381	58.253	28.549	0.29	59.39
2.18	0.17	59.72	71.83	31.73	28.602	58.302	28.575	0.33	59.72
2.19	0.21	60.04	72.04	31.81	27.860	58.360	28.607	0.41	60.04
2.20	0.27	60.37	72.31	31.92	27.156	58.434	28.647	0.54	60.37
2.21	0.31	60.49	72.62	32.04	26.490	58.516	28.691	0.62	60.49
2.22	0.32	60.62	72.94	32.17	25.863	58.598	28.736	0.65	60.62
2.23	0.33	60.75	73.27	32.29	25.278	58.682	28.782	0.68	60.75
2.24	0.34	60.87	73.61	32.43	24.464	58.765	28.827	0.70	60.87
2.25	0.36	61.00	73.97	32.57	23.945	58.851	28.875	0.75	61.00
2.26	0.38	61.90	74.35	32.72	23.446	58.940	28.924	0.80	61.90
2.27	0.40	62.80	74.75	32.88	22.966	59.032	28.977	0.84	62.80
2.28	0.42	63.69	75.17	33.05	22.507	59.127	29.033	0.89	63.69
2.29	0.45	64.58	75.62	33.24	22.070	59.226	29.092	0.96	64.58
2.30	0.47	65.46	76.09	33.44	21.657	59.328	29.155	1.01	65.46
2.31	0.85	66.13	76.84	33.80	21.267	59.509	29.267	1.83	66.13
2.32	0.84	66.80	77.78	34.15	20.903	59.684	29.377	1.82	66.80
2.33	0.84	67.47	78.62	34.51	20.565	59.857	29.487	1.83	67.47
2.34	0.84	68.14	79.46	34.86	20.255	60.027	29.597	1.83	68.14

2.35	0.83	68.80	80.29	35.22	19.973	60.193	29.705	1.82	68.80
2.36	0.83	69.46	81.12	35.57	19.729	60.357	29.813	1.82	69.46
2.37	0.83	70.11	81.95	35.92	19.458	60.518	29.920	1.83	70.11
2.38	0.82	70.76	82.77	36.26	19.186	60.675	30.026	1.82	70.76
2.39	0.82	71.41	83.59	36.61	18.914	60.831	30.132	1.82	71.41
2.40	0.81	72.06	84.40	36.95	18.643	60.982	30.236	1.81	72.06
2.41	0.81	72.71	85.21	37.29	18.373	61.130	30.339	1.81	72.71
2.42	0.81	73.35	86.02	37.63	18.104	61.277	30.442	1.82	73.35
2.43	0.80	73.99	86.82	37.96	17.837	61.420	30.543	1.80	73.99
2.44	0.80	74.63	87.62	38.30	17.573	61.560	30.644	1.81	74.63
2.45	0.80	75.26	88.42	38.63	17.311	61.699	30.744	1.81	75.26
2.46	0.80	76.68	89.22	38.97	17.052	61.835	30.845	1.82	76.68
2.47	0.79	78.10	90.01	39.31	16.797	61.968	30.947	1.80	78.10
2.48	0.79	79.51	90.80	39.66	16.545	62.099	31.049	1.81	79.51
2.49	0.79	80.91	91.59	40.02	16.299	62.227	31.152	1.81	80.91
2.50	0.78	82.31	92.37	40.38	16.057	62.353	31.255	1.79	82.31
2.51	0.78	83.70	93.15	40.74	15.821	62.476	31.358	1.80	83.70
2.52	0.78	85.09	93.93	41.11	15.590	62.598	31.463	1.80	85.09
2.53	0.77	86.47	94.70	41.48	15.366	62.716	31.566	1.79	86.47
2.54	0.77	87.85	95.47	41.85	15.148	62.833	31.671	1.79	87.85
2.55	0.77	89.22	96.24	42.23	14.938	62.948	31.776	1.79	89.22
2.56	0.76	90.59	97.00	42.61	14.791	63.060	31.881	1.77	90.59
2.57	0.76	91.95	97.76	42.99	14.581	63.171	31.986	1.78	91.95
2.58	0.76	93.30	98.52	43.38	14.370	63.280	32.092	1.78	93.30
2.59	0.76	94.65	99.28	43.77	14.160	63.388	32.198	1.79	94.65
2.60	0.75	96.00	100.03	44.16	13.949	63.492	32.304	1.77	96.00

HEAD ASH %	44.16	CLEAN COAL ASH %	32.30	REFUSE ASH %	64.79
THEO. YIELD	79.29	CLEAN COAL YIELD%	63.49	REFUSE YIELD%	36.51
SG OF SEPARATION	2.231	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	7.644	IMPERFECTION	0.212		
ORGANIC EFFCY.	86.63				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 41 WID: WA1 EQUIPE JIG SG-ASH 0.00 EP****** SG 0.00
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 80.83 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	1.03	0.59	1.03	0.59	100.000	1.030	0.590	0.0	0.59
1.25	1.02	1.17	2.05	0.88	100.000	2.050	0.879	0.0	1.17
1.26	1.01	1.74	3.06	1.16	100.000	3.060	1.163	0.0	1.74
1.27	1.00	2.31	4.06	1.45	100.000	4.060	1.445	0.0	2.31
1.28	0.99	2.88	5.05	1.73	100.000	5.050	1.727	0.0	2.88
1.29	0.99	3.44	6.04	2.01	100.000	6.040	2.007	0.0	3.44
1.30	0.98	3.99	7.02	2.28	100.000	7.020	2.284	0.0	3.99
1.31	0.97	4.54	7.99	2.56	100.000	7.990	2.558	0.0	4.54
1.32	0.96	4.92	8.95	2.81	100.000	8.950	2.811	0.0	4.92
1.33	0.96	5.12	9.91	3.04	100.000	9.910	3.035	0.0	5.12
1.34	0.95	5.31	10.86	3.23	100.000	10.860	3.234	0.0	5.31
1.35	0.94	5.51	11.80	3.42	100.000	11.800	3.415	0.0	5.51
1.36	0.94	5.70	12.74	3.58	100.000	12.740	3.584	0.0	5.70
1.37	0.93	5.89	13.67	3.74	100.000	13.670	3.741	0.0	5.89
1.38	0.92	6.09	14.59	3.89	100.000	14.590	3.889	0.0	6.09
1.39	0.92	6.28	15.51	4.03	100.000	15.510	4.031	0.0	6.28
1.40	0.91	6.46	16.42	4.17	100.000	16.420	4.165	0.0	6.46
1.41	3.53	6.56	19.95	4.59	99.950	19.948	4.589	0.02	6.56
1.42	4.63	6.65	24.58	4.98	99.887	24.573	4.977	0.05	6.65
1.43	5.42	6.74	30.00	5.30	99.810	29.983	5.295	0.09	6.74
1.44	5.90	6.83	35.90	5.55	99.722	35.866	5.547	0.15	6.83
1.45	6.07	6.92	41.97	5.75	99.623	41.913	5.745	0.21	6.92
1.46	5.92	8.24	47.89	6.05	99.513	47.805	6.052	0.27	8.24
1.47	5.47	9.55	53.36	6.41	99.394	53.241	6.410	0.31	9.55
1.48	4.70	10.85	58.06	6.77	99.265	57.907	6.767	0.32	10.85
1.49	3.62	12.14	61.68	7.09	99.129	61.495	7.081	0.29	12.14
1.50	2.23	13.43	63.91	7.31	98.985	63.703	7.301	0.21	13.43
1.51	1.40	14.77	65.31	7.47	98.835	65.086	7.460	0.15	14.77
1.52	1.32	16.10	66.63	7.64	98.636	66.388	7.629	0.17	16.10
1.53	1.24	17.43	67.87	7.82	98.409	67.609	7.806	0.18	17.43
1.54	1.16	18.74	69.03	8.00	98.159	68.747	7.987	0.20	18.74
1.55	1.08	20.05	70.11	8.19	97.708	69.803	8.169	0.23	20.05
1.56	1.00	20.63	71.11	8.38	97.373	70.776	8.341	0.24	20.63
1.57	0.92	21.21	72.03	8.53	97.001	71.669	8.501	0.25	21.21
1.58	0.89	21.78	72.86	8.68	96.596	72.470	8.648	0.26	21.78
1.59	0.74	22.35	73.60	8.81	96.164	73.182	8.781	0.26	22.35
1.60	0.65	22.91	74.25	8.94	95.711	73.804	8.900	0.26	22.91
1.61	0.62	23.62	74.87	9.06	95.240	74.395	9.017	0.27	23.62
1.62	0.64	24.32	75.51	9.19	94.758	75.001	9.141	0.31	24.32
1.63	0.64	25.02	76.15	9.32	94.486	75.606	9.268	0.32	25.02
1.64	0.64	25.71	76.79	9.46	93.912	76.207	9.398	0.36	25.71
1.65	0.63	26.40	77.42	9.60	93.278	76.795	9.528	0.39	26.40
1.66	0.61	27.00	78.03	9.73	92.586	77.359	9.655	0.42	27.00
1.67	0.58	27.60	78.61	9.86	91.837	77.892	9.778	0.44	27.60
1.68	0.54	28.20	79.15	9.99	91.034	78.384	9.894	0.45	28.20
1.69	0.49	28.79	79.64	10.11	90.178	78.825	9.999	0.44	28.79
1.70	0.43	29.38	80.07	10.21	89.079	79.208	10.093	0.43	29.38
1.71	0.39	30.01	80.46	10.30	88.106	79.552	10.179	0.43	30.01
1.72	0.39	30.63	80.85	10.40	87.084	79.892	10.266	0.46	30.63

1.73	0.38	31.25	81.23	10.50	86.015	80.219	10.352	0.49	31.25
1.74	0.37	31.87	81.60	10.60	84.903	80.533	10.436	0.51	31.87
1.75	0.37	32.48	81.97	10.70	83.752	80.843	10.520	0.55	32.48
1.76	0.36	32.57	82.33	10.79	82.565	81.140	10.601	0.58	32.57
1.77	0.35	32.66	82.68	10.88	81.345	81.425	10.678	0.60	32.66
1.78	0.35	32.76	83.03	10.98	80.095	81.705	10.754	0.64	32.76
1.79	0.34	32.85	83.37	11.07	78.819	81.973	10.826	0.66	32.85
1.80	0.33	32.94	83.70	11.15	77.520	82.229	10.895	0.68	32.94
1.81	0.33	32.94	84.03	11.24	76.201	82.480	10.962	0.72	32.94
1.82	0.31	32.94	84.34	11.32	74.866	82.712	11.024	0.72	32.94
1.83	0.30	32.94	84.64	11.39	73.618	82.933	11.082	0.73	32.94
1.84	0.29	32.94	84.93	11.47	72.161	83.142	11.137	0.74	32.94
1.85	0.29	32.94	85.22	11.54	70.640	83.347	11.191	0.78	32.94
1.86	0.27	34.09	85.49	11.61	69.067	83.534	11.242	0.77	34.09
1.87	0.27	35.24	85.76	11.69	67.451	83.716	11.294	0.81	35.24
1.88	0.28	36.38	86.04	11.77	65.803	83.900	11.349	0.88	36.38
1.89	0.30	37.51	86.34	11.86	64.136	84.092	11.409	0.99	37.51
1.90	0.31	38.64	86.65	11.95	62.458	84.286	11.471	1.07	38.64
1.91	0.37	39.30	87.02	12.07	60.782	84.511	11.546	1.34	39.30
1.92	0.43	39.96	87.45	12.21	59.118	84.765	11.631	1.62	39.96
1.93	0.48	40.62	87.93	12.36	57.478	85.041	11.725	1.88	40.62
1.94	0.51	41.27	88.44	12.53	55.871	85.326	11.823	2.07	41.27
1.95	0.52	41.92	88.96	12.70	54.309	85.608	11.923	2.19	41.92
1.96	0.52	42.93	89.48	12.87	52.802	85.883	12.022	2.26	42.93
1.97	0.51	43.94	89.99	13.05	51.362	86.145	12.119	2.28	43.94
1.98	0.48	44.94	90.47	13.22	50.000	86.385	12.210	2.21	44.94
1.99	0.44	45.94	90.91	13.38	48.690	86.599	12.294	2.08	45.94
2.00	0.38	46.93	91.29	13.52	47.399	86.779	12.365	1.84	46.93
2.01	0.34	47.90	91.63	13.65	46.130	86.936	12.430	1.69	47.90
2.02	0.32	48.87	91.95	13.77	44.882	87.080	12.490	1.62	48.87
2.03	0.30	49.82	92.25	13.89	43.657	87.211	12.546	1.56	49.82
2.04	0.29	50.78	92.54	14.00	42.455	87.334	12.600	1.54	50.78
2.05	0.27	51.73	92.81	14.11	41.278	87.445	12.649	1.46	51.73
2.06	0.25	52.19	93.06	14.21	40.126	87.546	12.695	1.38	52.19
2.07	0.23	52.65	93.29	14.31	39.001	87.635	12.736	1.29	52.65
2.08	0.21	53.10	93.50	14.39	37.902	87.715	12.772	1.20	53.10
2.09	0.19	53.55	93.69	14.47	36.832	87.785	12.805	1.10	53.55
2.10	0.16	54.00	93.85	14.54	35.790	87.842	12.832	0.95	54.00
2.11	0.15	54.39	94.00	14.61	34.778	87.894	12.856	0.90	54.39
2.12	0.15	54.78	94.15	14.67	33.797	87.945	12.881	0.91	54.78
2.13	0.14	55.16	94.29	14.73	32.847	87.991	12.903	0.87	55.16
2.14	0.13	55.55	94.42	14.79	31.930	88.032	12.923	0.81	55.55
2.15	0.13	55.93	94.55	14.84	31.046	88.073	12.942	0.82	55.93
2.16	0.12	56.16	94.67	14.89	30.196	88.109	12.960	0.77	56.16
2.17	0.11	56.40	94.78	14.94	29.381	88.141	12.976	0.71	56.40
2.18	0.10	56.63	94.88	14.99	28.602	88.170	12.990	0.66	56.63
2.19	0.10	56.86	94.98	15.03	27.860	88.198	13.004	0.66	56.86
2.20	0.09	57.10	95.07	15.07	27.156	88.222	13.016	0.60	57.10
2.21	0.07	57.20	95.14	15.10	26.490	88.241	13.026	0.47	57.20
2.22	0.06	57.30	95.20	15.13	25.863	88.256	13.033	0.41	57.30
2.23	0.05	57.40	95.25	15.15	25.278	88.269	13.040	0.34	57.40
2.24	0.04	57.50	95.29	15.17	24.464	88.279	13.045	0.28	57.50
2.25	0.04	57.60	95.33	15.19	23.945	88.288	13.050	0.28	57.60
2.26	0.04	58.06	95.37	15.20	23.446	88.298	13.054	0.28	58.06
2.27	0.05	58.52	95.42	15.23	22.966	88.309	13.060	0.35	58.52
2.28	0.05	58.99	95.47	15.25	22.507	88.320	13.066	0.36	58.99
2.29	0.07	59.45	95.54	15.28	22.070	88.336	13.074	0.50	59.45
2.30	0.08	59.90	95.62	15.32	21.657	88.353	13.083	0.68	59.90
2.31	0.18	59.90	95.80	15.40	21.267	88.392	13.104	1.30	59.90
2.32	0.18	59.91	95.98	15.49	20.903	88.429	13.124	1.31	59.91
2.33	0.18	59.91	96.16	15.57	20.565	88.466	13.143	1.32	59.91
2.34	0.18	59.91	96.34	15.65	20.255	88.503	13.162	1.32	59.91

2.35	0.18	59.91	96.52	15.73	19.973	88.539	13.181	1.33	59.91
2.36	0.18	59.91	96.70	15.82	19.729	88.574	13.200	1.33	59.91
2.37	0.18	59.91	96.88	15.90	19.458	88.609	13.219	1.33	59.91
2.38	0.18	59.91	97.06	15.98	19.186	88.644	13.237	1.34	59.91
2.39	0.18	59.91	97.24	16.06	18.914	88.678	13.256	1.34	59.91
2.40	0.18	59.91	97.42	16.14	18.643	88.711	13.272	1.35	59.91
2.41	0.18	59.92	97.60	16.22	18.373	88.744	13.290	1.35	59.92
2.42	0.18	59.92	97.78	16.30	18.104	88.777	13.307	1.36	59.92
2.43	0.18	59.92	97.96	16.38	17.837	88.809	13.324	1.36	59.92
2.44	0.17	59.92	98.13	16.46	17.573	88.839	13.339	1.29	59.92
2.45	0.17	59.92	98.30	16.53	17.311	88.868	13.355	1.29	59.92
2.46	0.12	62.39	98.42	16.59	17.052	88.889	13.366	0.92	62.39
2.47	0.12	64.86	98.54	16.65	16.797	88.909	13.378	0.92	64.86
2.48	0.12	67.31	98.66	16.71	16.545	88.929	13.390	0.92	67.31
2.49	0.12	69.75	98.78	16.78	16.299	88.948	13.402	0.92	69.75
2.50	0.12	72.19	98.90	16.84	16.057	88.968	13.415	0.93	72.19
2.51	0.12	74.61	99.02	16.91	15.821	88.987	13.428	0.93	74.61
2.52	0.11	77.02	99.13	16.98	15.590	89.004	13.440	0.85	77.02
2.53	0.11	79.43	99.24	17.05	15.366	89.021	13.453	0.86	79.43
2.54	0.11	81.82	99.35	17.12	15.148	89.037	13.466	0.86	81.82
2.55	0.11	84.21	99.46	17.19	14.938	89.054	13.479	0.86	84.21
2.56	0.11	86.59	99.57	17.27	14.791	89.070	13.492	0.86	86.59
2.57	0.11	88.95	99.68	17.35	14.581	89.086	13.506	0.86	88.95
2.58	0.11	91.31	99.79	17.43	14.370	89.102	13.519	0.87	91.31
2.59	0.11	93.66	99.90	17.52	14.160	89.117	13.533	0.87	93.66
2.60	0.11	96.00	100.01	17.60	13.949	89.133	13.548	0.87	96.00

HEAD ASH %	17.60	CLEAN COAL ASH %	13.55	REFUSE ASH %	50.86
THEO. YIELD	91.37	CLEAN COAL YIELD%	89.13	REFUSE YIELD%	10.87
SG OF SEPARATION	2.002	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	7.149	IMPERFECTION	0.212		
ORGANIC EFFCY.	97.55				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 42 WID: WA1 EQUIPE JIG SG-ASH 0.00 EP 0.107 SG 0.00
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.00 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.47	0.36	0.47	0.36	100.000	0.470	0.360	0.0	0.36
1.25	0.47	0.70	0.94	0.53	100.000	0.940	0.530	0.0	0.70
1.26	0.46	1.04	1.40	0.70	100.000	1.400	0.698	0.0	1.04
1.27	0.46	1.38	1.86	0.87	100.000	1.860	0.866	0.0	1.38
1.28	0.45	1.72	2.31	1.03	100.000	2.310	1.033	0.0	1.72
1.29	0.45	2.05	2.76	1.20	100.000	2.760	1.199	0.0	2.05
1.30	0.45	2.38	3.21	1.36	100.000	3.210	1.364	0.0	2.38
1.31	0.44	2.71	3.65	1.53	100.000	3.650	1.526	0.0	2.71
1.32	0.44	3.10	4.09	1.70	100.000	4.090	1.696	0.0	3.10
1.33	0.44	3.55	4.53	1.88	100.000	4.530	1.876	0.0	3.55
1.34	0.43	4.00	4.96	2.06	100.000	4.960	2.060	0.0	4.00
1.35	0.43	4.44	5.39	2.25	100.000	5.390	2.250	0.0	4.44
1.36	0.43	4.88	5.82	2.44	100.000	5.820	2.444	0.0	4.88
1.37	0.42	5.32	6.24	2.64	100.000	6.240	2.638	0.0	5.32
1.38	0.42	5.76	6.66	2.83	100.000	6.660	2.835	0.0	5.76
1.39	0.42	6.19	7.08	3.03	100.000	7.080	3.034	0.0	6.19
1.40	0.42	6.62	7.50	3.23	100.000	7.500	3.234	0.0	6.62
1.41	2.14	6.99	9.64	4.07	99.950	9.639	4.068	0.00	6.99
1.42	2.79	7.35	12.43	4.80	99.887	12.426	4.804	0.01	7.35
1.43	3.27	7.72	15.70	5.41	99.810	15.690	5.411	0.02	7.72
1.44	3.56	8.08	19.26	5.91	99.722	19.240	5.903	0.03	8.08
1.45	3.67	8.44	22.93	6.31	99.623	22.896	6.308	0.04	8.44
1.46	3.59	9.18	26.52	6.70	99.513	26.468	6.696	0.05	9.18
1.47	3.34	9.91	29.86	7.06	99.394	29.788	7.054	0.05	9.91
1.48	2.90	10.63	32.76	7.37	99.265	32.667	7.369	0.06	10.63
1.49	2.27	11.35	35.03	7.63	99.129	34.917	7.626	0.05	11.35
1.50	1.47	12.07	36.50	7.81	98.985	36.372	7.804	0.04	12.07
1.51	0.98	12.83	37.48	7.94	98.835	37.341	7.934	0.03	12.83
1.52	0.93	13.59	38.41	8.08	98.686	38.258	8.070	0.03	13.59
1.53	0.88	14.34	39.29	8.22	98.409	39.124	8.208	0.04	14.34
1.54	0.83	15.09	40.12	8.36	98.159	39.939	8.349	0.04	15.09
1.55	0.77	15.83	40.89	8.50	97.708	40.691	8.487	0.05	15.83
1.56	0.71	16.56	41.60	8.64	97.373	41.382	8.622	0.05	16.56
1.57	0.65	17.28	42.25	8.77	97.001	42.013	8.752	0.05	17.28
1.58	0.58	18.00	42.83	8.90	96.596	42.573	8.874	0.05	18.00
1.59	0.51	18.72	43.34	9.01	96.164	43.064	8.986	0.05	18.72
1.60	0.44	19.43	43.78	9.12	95.711	43.485	9.087	0.05	19.43
1.61	0.39	20.06	44.17	9.21	95.240	43.856	9.180	0.05	20.06
1.62	0.36	20.69	44.53	9.31	94.758	44.197	9.269	0.05	20.69
1.63	0.35	21.32	44.88	9.40	94.486	44.528	9.358	0.05	21.32
1.64	0.34	21.94	45.22	9.49	93.912	44.847	9.448	0.06	21.94
1.65	0.34	22.55	45.56	9.59	93.278	45.164	9.540	0.06	22.55
1.66	0.35	23.34	45.91	9.70	92.586	45.489	9.638	0.07	23.34
1.67	0.36	24.11	46.27	9.81	91.837	45.819	9.742	0.08	24.11
1.68	0.38	24.89	46.65	9.93	91.034	46.165	9.856	0.09	24.89
1.69	0.41	25.66	47.06	10.07	90.178	46.535	9.982	0.11	25.66
1.70	0.44	26.42	47.50	10.22	89.079	46.927	10.119	0.13	26.42
1.71	0.50	26.86	48.00	10.39	88.106	47.367	10.275	0.16	26.86
1.72	0.55	27.30	48.55	10.59	87.084	47.846	10.445	0.19	27.30

1.73	0.59	27.74	49.14	10.79	86.015	48.354	10.627	0.22	27.74
1.74	0.61	28.17	49.75	11.00	84.903	48.872	10.812	0.25	28.17
1.75	0.62	28.60	50.37	11.22	83.752	49.391	10.999	0.27	28.60
1.76	0.60	29.79	50.97	11.44	82.565	49.886	11.186	0.28	29.79
1.77	0.57	30.98	51.54	11.66	81.345	50.350	11.368	0.28	30.98
1.78	0.52	32.16	52.06	11.86	80.095	50.766	11.539	0.28	32.16
1.79	0.45	33.34	52.51	12.04	78.819	51.121	11.690	0.25	33.34
1.80	0.37	34.51	52.88	12.20	77.520	51.408	11.818	0.22	34.51
1.81	0.30	35.50	53.18	12.33	76.201	51.637	11.922	0.19	35.50
1.82	0.26	36.48	53.44	12.45	74.866	51.831	12.015	0.17	36.48
1.83	0.24	37.46	53.68	12.56	73.618	52.008	12.101	0.17	37.46
1.84	0.22	38.44	53.90	12.67	72.161	52.167	12.181	0.16	38.44
1.85	0.20	39.41	54.10	12.77	70.640	52.308	12.255	0.16	39.41
1.86	0.20	40.14	54.30	12.87	69.067	52.446	12.328	0.17	40.14
1.87	0.20	40.87	54.50	12.97	67.451	52.581	12.401	0.17	40.87
1.88	0.21	41.60	54.71	13.08	65.803	52.719	12.478	0.19	41.60
1.89	0.23	42.32	54.94	13.20	64.136	52.867	12.561	0.22	42.32
1.90	0.26	43.04	55.20	13.34	62.458	53.029	12.655	0.26	43.04
1.91	0.29	43.60	55.49	13.50	60.782	53.205	12.757	0.30	43.60
1.92	0.30	44.16	55.79	13.67	59.118	53.383	12.861	0.33	44.16
1.93	0.31	44.71	56.10	13.84	57.478	53.561	12.967	0.35	44.71
1.94	0.32	45.27	56.42	14.02	55.871	53.740	13.075	0.38	45.27
1.95	0.32	45.81	56.74	14.20	54.309	53.919	13.180	0.39	45.81
1.96	0.31	46.78	57.05	14.37	52.802	54.077	13.282	0.39	46.78
1.97	0.31	47.75	57.36	14.55	51.362	54.236	13.383	0.40	47.75
1.98	0.30	48.71	57.66	14.73	50.000	54.386	13.481	0.40	48.71
1.99	0.28	49.67	57.94	14.90	48.690	54.523	13.571	0.38	49.67
2.00	0.26	50.62	58.20	15.06	47.399	54.646	13.655	0.37	50.62
2.01	0.09	51.50	58.29	15.12	46.130	54.687	13.683	0.13	51.50
2.02	0.08	52.38	58.37	15.17	44.882	54.723	13.709	0.12	52.38
2.03	0.08	53.25	58.45	15.22	43.657	54.758	13.734	0.12	53.25
2.04	0.07	54.12	58.52	15.27	42.455	54.788	13.756	0.11	54.12
2.05	0.07	54.99	58.59	15.31	41.278	54.817	13.778	0.11	54.99
2.06	0.29	54.99	58.88	15.51	40.126	54.933	13.865	0.46	54.99
2.07	0.27	54.99	59.15	15.69	39.001	55.039	13.944	0.44	54.99
2.08	0.26	54.99	59.41	15.86	37.902	55.137	14.017	0.43	54.99
2.09	0.25	54.99	59.66	16.02	36.832	55.229	14.085	0.42	54.99
2.10	0.25	54.99	59.91	16.19	35.790	55.319	14.152	0.43	54.99
2.11	0.17	54.99	60.08	16.30	34.778	55.378	14.195	0.30	54.99
2.12	0.14	54.99	60.22	16.39	33.797	55.425	14.230	0.25	54.99
2.13	0.11	54.99	60.33	16.46	32.847	55.461	14.257	0.20	54.99
2.14	0.09	54.99	60.42	16.51	31.930	55.490	14.278	0.16	54.99
2.15	0.07	54.99	60.49	16.56	31.046	55.512	14.294	0.13	54.99
2.16	0.02	55.77	60.51	16.57	30.196	55.518	14.298	0.04	55.77
2.17	0.02	56.55	60.53	16.58	29.381	55.524	14.303	0.04	56.55
2.18	0.02	57.33	60.55	16.60	28.602	55.529	14.307	0.04	57.33
2.19	0.03	58.10	60.58	16.62	27.860	55.538	14.314	0.06	58.10
2.20	0.03	58.86	60.61	16.64	27.156	55.546	14.320	0.06	58.86
2.21	0.12	59.14	60.73	16.72	26.490	55.578	14.346	0.24	59.14
2.22	0.16	59.42	60.89	16.84	25.863	55.619	14.379	0.32	59.42
2.23	0.20	59.70	61.09	16.98	25.278	55.670	14.420	0.40	59.70
2.24	0.24	59.97	61.33	17.14	24.464	55.728	14.468	0.48	59.97
2.25	0.28	60.25	61.61	17.34	23.945	55.795	14.523	0.57	60.25
2.26	0.32	61.34	61.93	17.57	23.446	55.870	14.586	0.65	61.34
2.27	0.36	62.42	62.29	17.83	22.966	55.953	14.657	0.74	62.42
2.28	0.40	63.50	62.69	18.12	22.507	56.043	14.735	0.83	63.50
2.29	0.43	64.58	63.12	18.44	22.070	56.138	14.820	0.90	64.58
2.30	0.46	65.65	63.58	18.78	21.657	56.238	14.910	0.96	65.65
2.31	1.29	66.91	64.87	19.71	21.267	56.512	15.157	2.71	65.91
2.32	1.28	66.17	66.15	20.61	20.903	56.778	15.398	2.70	66.17
2.33	.28	66.43	67.43	21.48	20.565	57.043	15.633	.72	66.43
2.34	.27	66.69	68.70	22.32	20.255	57.300	15.862	.71	66.69

2.35	1.27	66.94	69.97	23.13	19.973	57.554	16.088	2.71	66.94
2.36	1.26	67.20	71.23	23.91	19.729	57.802	16.307	2.70	67.20
2.37	1.25	67.45	72.48	24.66	19.458	58.045	16.522	2.69	67.45
2.38	1.25	67.70	73.73	25.39	19.186	58.285	16.732	2.70	67.70
2.39	1.24	67.95	74.97	26.09	18.914	58.520	16.938	2.69	67.95
2.40	1.24	68.20	76.21	26.78	18.643	58.751	17.139	2.69	68.20
2.41	1.23	68.45	77.44	27.44	18.373	58.977	17.336	2.68	68.45
2.42	1.23	68.70	78.67	28.08	18.104	59.200	17.529	2.69	68.70
2.43	1.22	68.95	79.89	28.71	17.837	59.417	17.717	2.68	68.95
2.44	1.22	69.19	81.11	29.32	17.573	59.632	17.903	2.69	69.19
2.45	1.21	69.44	82.32	29.91	17.311	59.841	18.083	2.67	69.44
2.46	1.21	71.26	83.53	30.51	17.052	60.047	18.266	2.68	71.26
2.47	1.20	73.07	84.73	31.11	16.797	60.249	18.449	2.67	73.07
2.48	1.20	74.88	85.93	31.72	16.545	60.447	18.634	2.68	74.88
2.49	1.19	76.68	87.12	32.33	16.299	60.641	18.820	2.66	76.68
2.50	1.19	78.47	88.31	32.96	16.057	60.833	19.007	2.67	78.47
2.51	1.18	80.25	89.49	33.58	15.821	61.019	19.195	2.65	80.25
2.52	1.18	82.03	90.67	34.21	15.590	61.203	19.384	2.66	82.03
2.53	1.17	83.80	91.84	34.84	15.366	61.383	19.572	2.65	83.80
2.54	1.17	85.56	93.01	35.48	15.148	61.560	19.762	2.65	85.56
2.55	1.17	87.32	94.18	36.12	14.938	61.735	19.954	2.66	87.32
2.56	1.16	89.07	95.34	36.77	14.791	61.907	20.145	2.64	89.07
2.57	1.16	90.81	96.50	37.42	14.581	62.076	20.338	2.65	90.81
2.58	1.15	92.55	97.65	38.07	14.370	62.241	20.529	2.63	92.55
2.59	1.15	94.28	98.80	38.72	14.160	62.404	20.722	2.64	94.28
2.60	1.14	96.00	99.94	39.37	13.949	62.563	20.913	2.62	96.00

HEAD ASH %	39.37	CLEAN COAL ASH %	20.91	REFUSE ASH %	70.23
THEO. YIELD	66.59	CLEAN COAL YIELD%	62.56	REFUSE YIELD%	37.44
SG OF SEPARATION	2.323	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	18.132	IMPERFECTION	0.212		
ORGANIC EFFCY.	93.95				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 43 WID: WA1 EQUIPE JIG SG-ASH 0.00 EP 1.000 SG 0.00
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.79 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.32	0.29	0.32	0.29	100.000	0.320	0.290	0.0	0.29
1.25	0.32	0.56	0.64	0.42	100.000	0.640	0.425	0.0	0.56
1.26	0.32	0.83	0.96	0.56	100.000	0.960	0.560	0.0	0.83
1.27	0.32	1.11	1.28	0.70	100.000	1.280	0.698	0.0	1.11
1.28	0.31	1.37	1.59	0.83	100.000	1.590	0.829	0.0	1.37
1.29	0.31	1.64	1.90	0.96	100.000	1.900	0.961	0.0	1.64
1.30	0.31	1.90	2.21	1.09	100.000	2.210	1.093	0.0	1.90
1.31	0.31	2.17	2.52	1.23	100.000	2.520	1.225	0.0	2.17
1.32	0.30	2.60	2.82	1.37	100.000	2.820	1.371	0.0	2.60
1.33	0.30	3.21	3.12	1.55	100.000	3.120	1.548	0.0	3.21
1.34	0.30	3.82	3.42	1.75	100.000	3.420	1.748	0.0	3.82
1.35	0.30	4.42	3.72	1.96	100.000	3.720	1.963	0.0	4.42
1.36	0.29	5.01	4.01	2.18	100.000	4.010	2.183	0.0	5.01
1.37	0.29	5.60	4.30	2.41	100.000	4.300	2.414	0.0	5.60
1.38	0.29	6.19	4.59	2.65	100.000	4.590	2.652	0.0	6.19
1.39	0.29	6.77	4.88	2.90	100.000	4.880	2.897	0.0	6.77
1.40	0.29	7.35	5.17	3.15	100.000	5.170	3.147	0.0	7.35
1.41	2.44	7.50	7.61	4.54	99.950	7.609	4.542	0.01	7.50
1.42	2.65	7.65	10.26	5.35	99.887	10.256	5.344	0.01	7.65
1.43	2.81	7.80	13.07	5.87	99.810	13.060	5.872	0.02	7.80
1.44	2.92	7.95	15.99	6.25	99.722	15.972	6.251	0.04	7.95
1.45	2.98	8.10	18.97	6.54	99.623	18.941	6.540	0.05	8.10
1.46	2.99	9.90	21.96	7.00	99.513	21.917	6.997	0.07	9.90
1.47	2.95	11.68	24.91	7.55	99.394	24.849	7.549	0.08	11.68
1.48	2.86	13.46	27.77	8.16	99.265	27.688	8.155	0.10	13.46
1.49	2.73	15.22	30.50	8.79	99.129	30.394	8.784	0.11	15.22
1.50	2.54	16.87	33.04	9.42	98.985	32.908	9.410	0.12	16.97
1.51	2.49	18.54	35.53	10.06	98.835	35.369	10.045	0.13	18.54
1.52	2.59	20.09	38.12	10.74	98.636	37.924	10.722	0.16	20.09
1.53	2.63	21.63	40.75	11.45	98.409	40.512	11.419	0.19	21.63
1.54	2.60	23.17	43.35	12.15	98.159	43.064	12.115	0.22	23.17
1.55	2.52	24.69	45.87	12.84	97.708	45.526	12.795	0.26	24.69
1.56	2.38	25.03	48.25	13.44	97.373	47.844	13.388	0.29	25.03
1.57	2.18	25.36	50.43	13.95	97.001	49.958	13.894	0.30	25.36
1.58	1.92	25.70	52.35	14.39	96.596	51.813	14.317	0.30	25.70
1.59	1.60	26.03	53.95	14.73	96.164	53.352	14.655	0.28	26.03
1.60	1.22	26.36	55.17	14.99	95.711	54.519	14.906	0.24	26.36
1.61	0.96	26.88	56.13	15.19	95.240	55.434	15.103	0.21	26.88
1.62	0.87	27.39	57.00	15.38	94.758	56.258	15.283	0.21	27.39
1.63	0.80	27.90	57.80	15.55	94.486	57.014	15.450	0.20	27.90
1.64	0.74	28.41	58.54	15.71	93.912	57.709	15.606	0.21	28.41
1.65	0.71	28.91	59.25	15.87	93.278	58.371	15.757	0.22	28.91
1.66	0.69	29.33	59.94	16.03	92.586	59.010	15.904	0.23	29.33
1.67	0.70	29.74	60.64	16.18	91.837	59.653	16.053	0.26	29.74
1.68	0.72	30.15	61.36	16.35	91.034	60.308	16.207	0.29	30.15
1.69	0.76	30.56	62.12	16.52	90.178	60.994	16.368	0.34	30.56
1.70	0.82	30.96	62.94	16.71	89.079	61.724	16.541	0.41	30.96
1.71	0.88	31.12	63.82	16.91	88.106	62.499	16.721	0.48	31.12
1.72	0.92	31.27	64.74	17.11	87.084	63.301	16.906	0.54	31.27

1.73	0.94	31.42	65.68	17.32	86.015	64.109	17.089	0.60	31.42
1.74	0.95	31.57	66.63	17.52	84.903	64.916	17.269	0.66	31.57
1.75	0.96	31.72	67.58	17.72	83.752	65.711	17.444	0.71	31.72
1.76	0.93	32.93	68.51	17.93	82.565	66.479	17.622	0.74	32.93
1.77	0.90	34.13	69.41	18.14	81.345	67.211	17.802	0.77	34.13
1.78	0.86	35.33	70.27	18.35	80.095	67.900	17.980	0.78	35.33
1.79	0.81	36.51	71.08	18.55	78.819	68.539	18.153	0.78	36.51
1.80	0.74	37.70	71.82	18.75	77.520	69.112	18.315	0.76	37.70
1.81	0.67	38.92	72.49	18.94	76.201	69.623	18.466	0.73	38.92
1.82	0.60	40.14	73.09	19.11	74.866	70.072	18.605	0.69	40.14
1.83	0.53	41.36	73.62	19.27	73.618	70.462	18.731	0.64	41.36
1.84	0.47	42.56	74.09	19.42	72.161	70.801	18.845	0.60	42.56
1.85	0.42	43.76	74.51	19.56	70.640	71.098	18.949	0.56	43.76
1.86	0.38	44.09	74.89	19.68	69.067	71.360	19.042	0.54	44.09
1.87	0.34	44.41	75.23	19.79	67.451	71.590	19.123	0.51	44.41
1.88	0.31	44.73	75.54	19.90	65.803	71.794	19.196	0.48	44.73
1.89	0.29	45.05	75.83	19.99	64.136	71.980	19.262	0.48	45.05
1.90	0.27	45.36	76.10	20.08	62.458	72.148	19.323	0.46	45.36
1.91	0.26	45.70	76.36	20.17	60.782	72.306	19.381	0.47	45.70
1.92	0.26	46.03	76.62	20.26	59.118	72.460	19.438	0.49	46.03
1.93	0.25	46.35	76.87	20.34	57.478	72.604	19.491	0.49	46.35
1.94	0.25	46.68	77.12	20.43	55.871	72.743	19.543	0.50	46.68
1.95	0.25	47.01	77.37	20.51	54.309	72.879	19.594	0.52	47.01
1.96	0.25	48.05	77.62	20.60	52.802	73.011	19.646	0.54	48.05
1.97	0.25	49.09	77.87	20.69	51.362	73.140	19.697	0.56	49.09
1.98	0.25	50.13	78.12	20.79	50.000	73.265	19.749	0.57	50.13
1.99	0.26	51.16	78.38	20.89	48.690	73.391	19.804	0.61	51.16
2.00	0.26	52.18	78.64	20.99	47.399	73.514	19.858	0.62	52.18
2.01	0.18	52.98	78.82	21.06	46.130	73.598	19.895	0.44	52.98
2.02	0.19	53.77	79.01	21.14	44.882	73.683	19.934	0.48	53.77
2.03	0.20	54.56	79.21	21.23	43.657	73.770	19.975	0.51	54.56
2.04	0.20	55.34	79.41	21.31	42.455	73.855	20.016	0.53	55.34
2.05	0.20	56.12	79.61	21.40	41.278	73.938	20.056	0.54	56.12
2.06	0.45	56.12	80.06	21.60	40.126	74.118	20.144	1.23	56.12
2.07	0.42	56.12	80.48	21.78	39.001	74.282	20.224	1.17	56.12
2.08	0.37	56.12	80.85	21.93	37.902	74.422	20.291	1.05	56.12
2.09	0.31	56.12	81.16	22.06	36.832	74.536	20.346	0.89	56.12
2.10	0.24	56.12	81.40	22.16	35.790	74.622	20.387	0.70	56.12
2.11	0.14	56.13	81.54	22.22	34.778	74.671	20.411	0.42	56.13
2.12	0.13	56.13	81.67	22.28	33.797	74.715	20.432	0.39	56.13
2.13	0.13	56.13	81.80	22.33	32.847	74.758	20.452	0.40	56.13
2.14	0.13	56.14	81.93	22.38	31.930	74.799	20.472	0.40	56.14
2.15	0.12	56.14	82.05	22.43	31.046	74.836	20.490	0.38	56.14
2.16	0.12	56.49	82.17	22.48	30.196	74.873	20.507	0.38	56.49
2.17	0.12	56.84	82.29	22.53	29.381	74.908	20.524	0.39	56.84
2.18	0.12	57.18	82.41	22.58	28.602	74.942	20.541	0.39	57.18
2.19	0.12	57.52	82.53	22.63	27.860	74.976	20.557	0.40	57.52
2.20	0.12	57.87	82.65	22.69	27.156	75.008	20.574	0.40	57.87
2.21	0.13	58.06	82.78	22.74	26.490	75.043	20.591	0.44	58.06
2.22	0.12	58.25	82.90	22.79	25.863	75.074	20.606	0.41	58.25
2.23	0.12	58.45	83.02	22.84	25.278	75.104	20.622	0.41	58.45
2.24	0.12	58.64	83.14	22.90	24.464	75.133	20.636	0.41	58.64
2.25	0.12	58.83	83.26	22.95	23.945	75.162	20.651	0.42	58.83
2.26	0.12	59.27	83.38	23.00	23.446	75.190	20.666	0.42	59.27
2.27	0.12	59.71	83.50	23.05	22.966	75.218	20.680	0.42	59.71
2.28	0.12	60.14	83.62	23.11	22.507	75.245	20.694	0.42	60.14
2.29	0.12	60.58	83.74	23.16	22.070	75.271	20.708	0.43	60.58
2.30	0.13	61.01	83.87	23.22	21.657	75.299	20.723	0.47	61.01
2.31	0.61	61.01	84.48	23.49	21.267	75.429	20.792	2.19	61.01
2.32	0.61	61.01	85.09	23.76	20.903	75.557	20.860	2.20	61.01
2.33	0.61	61.01	85.70	24.03	20.565	75.682	20.927	2.21	61.01
2.34	0.60	61.01	86.30	24.28	20.255	75.804	20.991	2.19	61.01

2.35	0.60	61.01	86.90	24.54	19.973	75.923	21.054	2.19	61.01
2.36	0.60	61.01	87.50	24.79	19.729	76.042	21.116	2.20	61.01
2.37	0.60	61.01	88.10	25.03	19.458	76.159	21.178	2.21	61.01
2.38	0.59	61.01	88.69	25.27	19.186	76.272	21.237	2.18	61.01
2.39	0.59	61.01	89.28	25.51	18.914	76.383	21.296	2.19	61.01
2.40	0.59	61.01	89.87	25.74	18.643	76.493	21.352	2.19	61.01
2.41	0.59	61.01	90.46	25.97	18.373	76.602	21.408	2.20	61.01
2.42	0.58	61.01	91.04	26.19	18.104	76.707	21.462	2.17	61.01
2.43	0.58	61.01	91.62	26.42	17.837	76.810	21.516	2.18	61.01
2.44	0.58	61.01	92.20	26.63	17.573	76.912	21.568	2.18	61.01
2.45	0.58	61.01	92.78	26.85	17.311	77.013	21.619	2.19	61.01
2.46	0.49	63.41	93.27	27.04	17.052	77.096	21.665	1.86	63.41
2.47	0.49	65.80	93.76	27.24	16.797	77.178	21.712	1.86	65.80
2.48	0.49	68.18	94.25	27.46	16.545	77.260	21.760	1.87	68.18
2.49	0.48	70.55	94.73	27.67	16.299	77.338	21.810	1.84	70.55
2.50	0.48	72.91	95.21	27.90	16.057	77.415	21.861	1.84	72.91
2.51	0.48	75.26	95.69	28.14	15.821	77.491	21.913	1.85	75.26
2.52	0.48	77.60	96.17	28.39	15.590	77.566	21.967	1.85	77.60
2.53	0.48	79.93	96.65	28.64	15.366	77.639	22.022	1.86	79.93
2.54	0.47	82.25	97.12	28.90	15.148	77.711	22.077	1.82	82.25
2.55	0.47	84.57	97.59	29.17	14.938	77.781	22.133	1.83	84.57
2.56	0.47	86.87	98.06	29.45	14.791	77.850	22.191	1.83	86.87
2.57	0.47	89.17	98.53	29.73	14.581	77.919	22.250	1.83	89.17
2.58	0.47	91.45	99.00	30.02	14.370	77.986	22.310	1.84	91.45
2.59	0.46	93.73	99.46	30.32	14.160	78.051	22.370	1.80	93.73
2.60	0.46	96.00	99.92	30.62	13.949	78.116	22.430	1.81	96.00

HEAD ASH %	30.62	CLEAN COAL ASH %	22.43	REFUSE ASH %	59.86
THEO. YIELD	82.04	CLEAN COAL YIELD%	78.12	REFUSE YIELD%	21.88
SG OF SEPARATION	2.149	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	3.656	IMPERFECTION	0.212		
ORGANIC EFFCY.	95.22				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC-DDH82006 SID: 45 WID: WA1 EQUIPE JIG SG-ASH -0.00 EP 1.980 SG 0.00
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 82.45 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.33	0.25	0.33	0.25	100.000	0.330	0.250	0.0	0.25
1.25	0.32	0.49	0.65	0.37	100.000	0.650	0.368	0.0	0.49
1.26	0.32	0.72	0.97	0.48	100.000	0.970	0.484	0.0	0.72
1.27	0.32	0.96	1.29	0.60	100.000	1.290	0.602	0.0	0.96
1.28	0.32	1.19	1.61	0.72	100.000	1.610	0.719	0.0	1.19
1.29	0.31	1.42	1.92	0.83	100.000	1.920	0.832	0.0	1.42
1.30	0.31	1.65	2.23	0.95	100.000	2.230	0.946	0.0	1.65
1.31	0.31	1.88	2.54	1.06	100.000	2.540	1.060	0.0	1.88
1.32	0.31	2.26	2.85	1.19	100.000	2.850	1.190	0.0	2.26
1.33	0.30	2.80	3.15	1.34	100.000	3.150	1.344	0.0	2.80
1.34	0.30	3.34	3.45	1.52	100.000	3.450	1.517	0.0	3.34
1.35	0.30	3.87	3.75	1.71	100.000	3.750	1.706	0.0	3.87
1.36	0.30	4.40	4.05	1.91	100.000	4.050	1.905	0.0	4.40
1.37	0.30	4.92	4.35	2.11	100.000	4.350	2.113	0.0	4.92
1.38	0.29	5.44	4.64	2.32	100.000	4.640	2.321	0.0	5.44
1.39	0.29	5.96	4.93	2.54	100.000	4.930	2.535	0.0	5.96
1.40	0.29	6.47	5.22	2.75	100.000	5.220	2.754	0.0	6.47
1.41	2.16	6.78	7.38	3.93	99.950	7.379	3.932	0.01	6.78
1.42	2.37	7.09	9.75	4.70	99.887	9.746	4.699	0.01	7.09
1.43	2.52	7.39	12.27	5.25	99.810	12.261	5.251	0.02	7.39
1.44	2.63	7.69	14.90	5.68	99.722	14.884	5.681	0.04	7.69
1.45	2.68	7.99	17.58	6.03	99.623	17.554	6.032	0.05	7.99
1.46	2.68	9.18	20.26	6.45	99.513	20.221	6.447	0.07	9.18
1.47	2.62	10.36	22.88	6.90	99.394	22.825	6.894	0.08	10.36
1.48	2.52	11.53	25.40	7.36	99.265	25.327	7.351	0.09	11.53
1.49	2.36	12.69	27.76	7.81	99.129	27.666	7.803	0.10	12.69
1.50	2.15	13.84	29.91	8.24	98.985	29.794	8.234	0.11	13.84
1.51	2.03	14.75	31.94	8.66	98.835	31.801	8.645	0.12	14.75
1.52	2.03	15.66	33.97	9.08	98.686	33.803	9.061	0.14	15.66
1.53	2.02	16.56	35.99	9.50	98.409	35.791	9.477	0.16	16.56
1.54	2.01	17.45	38.00	9.92	98.159	37.764	9.894	0.19	17.45
1.55	1.98	18.33	39.98	10.33	97.708	39.698	10.305	0.23	18.33
1.56	1.95	18.97	41.93	10.74	97.373	41.697	10.700	0.26	18.97
1.57	1.91	19.59	43.84	11.12	97.001	43.450	11.080	0.29	19.59
1.58	1.87	20.22	45.71	11.49	96.596	45.256	11.444	0.32	20.22
1.59	1.81	20.84	47.52	11.85	96.164	46.997	11.792	0.35	20.84
1.60	1.75	21.45	49.27	12.19	95.711	48.672	12.125	0.38	21.45
1.61	1.70	22.03	50.97	12.52	95.240	50.291	12.444	0.41	22.03
1.62	1.67	22.61	52.64	12.84	94.758	51.873	12.754	0.44	22.61
1.63	1.63	23.18	54.27	13.15	94.486	53.413	13.054	0.45	23.18
1.64	1.59	23.75	55.86	13.45	93.912	54.907	13.345	0.49	23.75
1.65	1.54	24.32	57.40	13.74	93.278	56.343	13.625	0.52	24.32
1.66	1.48	25.04	58.88	14.03	92.586	57.713	13.896	0.55	25.04
1.67	1.41	25.75	60.29	14.30	91.837	59.008	14.156	0.58	25.75
1.68	1.34	26.46	61.63	14.57	91.034	60.228	14.405	0.60	26.46
1.69	1.27	27.16	62.90	14.82	90.178	61.373	14.643	0.63	27.16
1.70	1.18	27.86	64.08	15.06	89.079	62.424	14.866	0.65	27.86
1.71	1.11	28.36	65.19	15.29	88.106	63.402	15.074	0.66	28.36
1.72	1.07	28.85	66.26	15.51	87.084	64.334	15.274	0.69	28.85

1.73	1.02	29.35	67.28	15.71	86.015	65.212	15.463	0.72	29.35
1.74	0.98	29.83	68.26	15.92	84.903	66.044	15.644	0.74	29.83
1.75	0.93	30.32	69.19	16.11	83.752	66.823	15.815	0.76	30.32
1.76	0.89	31.49	70.08	16.31	82.565	67.557	15.986	0.78	31.49
1.77	0.85	32.64	70.93	16.50	81.345	68.249	16.154	0.79	32.64
1.78	0.82	33.80	71.75	16.70	80.095	68.906	16.322	0.82	33.80
1.79	0.78	34.94	72.53	16.90	78.819	69.520	16.487	0.83	34.94
1.80	0.75	36.08	73.28	17.09	77.520	70.102	16.650	0.85	36.08
1.81	0.74	37.17	74.02	17.29	76.201	70.666	16.813	0.88	37.17
1.82	0.73	38.26	74.75	17.50	74.866	71.212	16.978	0.92	38.26
1.83	0.72	39.34	75.47	17.71	73.618	71.742	17.143	0.95	39.34
1.84	0.70	40.42	76.17	17.91	72.161	72.247	17.306	0.98	40.42
1.85	0.68	41.48	76.85	18.12	70.640	72.728	17.466	1.00	41.48
1.86	0.64	41.97	77.49	18.32	69.067	73.170	17.614	0.99	41.97
1.87	0.60	42.46	78.09	18.51	67.451	73.574	17.750	0.98	42.46
1.88	0.56	42.94	78.65	18.68	65.803	73.943	17.876	0.96	42.94
1.89	0.50	43.42	79.15	18.84	64.136	74.264	17.986	0.90	43.42
1.90	0.44	43.90	79.59	18.97	62.458	74.538	18.082	0.83	43.90
1.91	0.40	44.43	79.99	19.10	60.782	74.782	18.167	0.79	44.43
1.92	0.38	44.97	80.37	19.22	59.118	75.006	18.248	0.78	44.97
1.93	0.37	45.50	80.74	19.34	57.478	75.219	18.325	0.79	45.50
1.94	0.35	46.03	81.09	19.46	55.871	75.414	18.397	0.77	46.03
1.95	0.33	46.56	81.42	19.57	54.309	75.594	18.463	0.76	46.56
1.96	0.31	47.01	81.73	19.67	52.802	75.757	18.525	0.73	47.01
1.97	0.29	47.46	82.02	19.77	51.362	75.906	18.582	0.71	47.46
1.98	0.27	47.91	82.29	19.86	50.000	76.041	18.634	0.68	47.91
1.99	0.24	48.35	82.53	19.95	48.690	76.158	18.679	0.62	48.35
2.00	0.22	48.79	82.75	20.02	47.399	76.262	18.721	0.58	48.79
2.01	0.21	49.17	82.96	20.10	46.130	76.359	18.759	0.57	49.17
2.02	0.21	49.55	83.17	20.17	44.882	76.454	18.797	0.58	49.55
2.03	0.21	49.92	83.38	20.25	43.657	76.545	18.834	0.59	49.92
2.04	0.21	50.30	83.59	20.32	42.455	76.634	18.871	0.61	50.30
2.05	0.20	50.67	83.79	20.39	41.278	76.717	18.905	0.59	50.67
2.06	0.20	51.25	83.99	20.47	40.126	76.797	18.939	0.60	51.25
2.07	0.20	51.82	84.19	20.54	39.001	76.875	18.972	0.61	51.82
2.08	0.20	52.39	84.39	20.62	37.902	76.951	19.005	0.62	52.39
2.09	0.20	52.97	84.59	20.69	36.832	77.025	19.038	0.63	52.97
2.10	0.20	53.53	84.79	20.77	35.790	77.096	19.070	0.64	53.53
2.11	0.20	53.81	84.99	20.85	34.778	77.166	19.101	0.65	53.81
2.12	0.19	54.08	85.18	20.92	33.797	77.230	19.130	0.63	54.08
2.13	0.19	54.35	85.37	21.00	32.847	77.292	19.159	0.64	54.35
2.14	0.19	54.62	85.56	21.07	31.930	77.353	19.187	0.65	54.62
2.15	0.19	54.89	85.75	21.15	31.046	77.412	19.214	0.66	54.89
2.16	0.19	55.90	85.94	21.22	30.196	77.469	19.241	0.66	55.90
2.17	0.19	56.91	86.13	21.30	29.381	77.525	19.268	0.67	56.91
2.18	0.19	57.91	86.32	21.38	28.602	77.580	19.295	0.68	57.91
2.19	0.19	58.91	86.51	21.47	27.860	77.633	19.322	0.69	58.91
2.20	0.19	59.90	86.70	21.55	27.156	77.684	19.349	0.69	59.90
2.21	0.16	60.82	86.86	21.62	26.490	77.727	19.372	0.59	60.82
2.22	0.13	61.74	86.99	21.68	25.863	77.760	19.390	0.48	61.74
2.23	0.09	62.65	87.08	21.73	25.278	77.783	19.403	0.34	62.65
2.24	0.07	63.56	87.15	21.76	24.464	77.800	19.412	0.27	63.56
2.25	0.06	64.47	87.21	21.79	23.945	77.814	19.421	0.23	64.47
2.26	0.06	65.04	87.27	21.82	23.446	77.828	19.429	0.23	65.04
2.27	0.07	65.61	87.34	21.85	22.966	77.845	19.439	0.27	65.61
2.28	0.09	66.17	87.43	21.90	22.507	77.865	19.451	0.35	66.17
2.29	0.11	66.74	87.54	21.96	22.070	77.889	19.465	0.43	66.74
2.30	0.15	67.30	87.69	22.03	21.657	77.922	19.485	0.69	67.30
2.31	0.43	67.33	88.12	22.25	21.267	78.013	19.541	1.70	67.33
2.32	0.43	67.37	88.55	22.47	20.903	78.103	19.596	.71	67.37
2.33	.43	67.40	88.98	22.69	20.565	78.191	19.651	.71	67.40
2.34	.43	67.44	89.41	22.91	20.255	78.278	19.704	.72	67.44

2.35	0.43	67.47	89.84	23.12	19.973	78.364	19.756	1.73	67.47
2.36	0.42	67.51	90.26	23.33	19.729	78.447	19.807	1.69	67.51
2.37	0.42	67.54	90.68	23.53	19.458	78.529	19.856	1.70	67.54
2.38	0.42	67.58	91.10	23.73	19.186	78.609	19.905	1.70	67.58
2.39	0.42	67.61	91.52	23.93	18.914	78.689	19.953	1.71	67.61
2.40	0.42	67.64	91.94	24.13	18.643	78.767	20.001	1.71	67.64
2.41	0.42	67.68	92.36	24.33	18.373	78.844	20.047	1.72	67.68
2.42	0.41	67.71	92.77	24.52	18.104	78.919	20.092	1.68	67.71
2.43	0.41	67.75	93.18	24.71	17.837	78.992	20.136	1.69	67.75
2.44	0.41	67.78	93.59	24.90	17.573	79.064	20.180	1.69	67.78
2.45	0.41	67.81	94.00	25.09	17.311	79.136	20.222	1.70	67.81
2.46	0.41	69.74	94.41	25.28	17.052	79.205	20.266	1.71	69.74
2.47	0.41	71.67	94.82	25.48	16.797	79.274	20.311	1.71	71.67
2.48	0.40	73.59	95.22	25.69	16.545	79.340	20.355	1.67	73.59
2.49	0.40	75.49	95.62	25.89	16.299	79.405	20.401	1.68	75.49
2.50	0.40	77.40	96.02	26.11	16.057	79.469	20.447	1.68	77.40
2.51	0.40	79.29	96.42	26.33	15.821	79.532	20.493	1.69	79.29
2.52	0.40	81.18	96.82	26.56	15.590	79.595	20.541	1.69	81.18
2.53	0.40	83.05	97.22	26.79	15.366	79.656	20.589	1.70	83.05
2.54	0.39	84.93	97.61	27.02	15.148	79.715	20.637	1.66	84.93
2.55	0.39	86.79	98.00	27.26	14.938	79.774	20.685	1.66	86.79
2.56	0.39	88.65	98.39	27.50	14.791	79.831	20.734	1.67	88.65
2.57	0.39	90.49	98.78	27.75	14.581	79.888	20.784	1.67	90.49
2.58	0.39	92.34	99.17	28.01	14.370	79.944	20.834	1.67	92.34
2.59	0.39	94.17	99.56	28.26	14.160	79.999	20.885	1.68	94.17
2.60	0.39	96.00	99.95	28.53	13.949	80.054	20.936	1.68	96.00

		CLEAN COAL ASH %	20.94	REFUSE ASH %	59.00
HEAD ASH %	28.53	CLEAN COAL YIELD%	80.05	REFUSE YIELD%	19.95
THEO. YIELD	85.21	ECART PROB. MOYEN	0.2076		
SG OF SEPARATION	2.122	IMPERFECTION	0.212		
NEAR GRAVITY MAT	3.801				
ORGANIC EFFCY.	93.95				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 46 WID: WA1 EQUIPE JIG SG-ASH 1.98 EP19.000 SG 0.00
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 62.74 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.22	0.10	0.22	0.10	100.000	0.220	0.100	0.0	0.10
1.25	0.34	0.18	0.56	0.15	100.000	0.560	0.149	0.0	0.18
1.26	0.46	0.27	1.02	0.20	100.000	1.020	0.203	0.0	0.27
1.27	0.58	0.36	1.60	0.26	100.000	1.600	0.260	0.0	0.36
1.28	0.70	0.44	2.30	0.31	100.000	2.300	0.315	0.0	0.44
1.29	0.83	0.53	3.13	0.37	100.000	3.130	0.372	0.0	0.53
1.30	0.96	0.61	4.09	0.43	100.000	4.090	0.428	0.0	0.61
1.31	1.09	0.69	5.18	0.48	100.000	5.180	0.483	0.0	0.69
1.32	1.23	1.08	6.41	0.60	100.000	6.410	0.598	0.0	1.08
1.33	1.37	1.78	7.78	0.81	100.000	7.780	0.806	0.0	1.78
1.34	1.52	2.46	9.30	1.08	100.000	9.300	1.076	0.0	2.46
1.35	1.66	3.15	10.96	1.39	100.000	10.960	1.390	0.0	3.15
1.36	1.81	3.82	12.77	1.73	100.000	12.770	1.735	0.0	3.82
1.37	1.97	4.50	14.74	2.10	100.000	14.740	2.104	0.0	4.50
1.38	2.12	5.16	16.86	2.49	100.000	16.860	2.488	0.0	5.16
1.39	2.28	5.83	19.14	2.89	100.000	19.140	2.887	0.0	5.83
1.40	2.45	6.49	21.59	3.30	100.000	21.590	3.295	0.0	6.49
1.41	2.81	6.62	24.40	3.68	99.950	24.399	3.678	0.01	6.62
1.42	3.29	6.76	27.69	4.04	99.887	27.685	4.044	0.03	6.76
1.43	3.64	6.89	31.33	4.38	99.810	31.318	4.374	0.06	6.89
1.44	3.87	7.02	35.20	4.67	99.722	35.177	4.664	0.09	7.02
1.45	3.98	7.15	39.18	4.92	99.623	39.142	4.916	0.13	7.15
1.46	3.96	8.17	43.14	5.22	99.513	43.083	5.214	0.17	8.17
1.47	3.82	9.19	46.96	5.54	99.394	46.880	5.536	0.20	9.19
1.48	3.56	10.20	50.52	5.87	99.265	50.414	5.863	0.22	10.20
1.49	3.17	11.20	53.69	6.18	99.129	53.556	6.176	0.24	11.20
1.50	2.66	12.19	56.35	6.47	98.985	56.189	6.458	0.23	12.19
1.51	2.33	13.24	58.68	6.74	98.835	58.492	6.726	0.23	13.24
1.52	2.26	14.29	60.94	7.02	98.636	60.721	7.003	0.26	14.29
1.53	2.18	15.32	63.12	7.30	98.409	62.866	7.286	0.30	15.32
1.54	2.08	16.35	65.20	7.59	98.159	64.908	7.571	0.33	16.35
1.55	1.96	17.38	67.16	7.88	97.708	66.823	7.853	0.39	17.38
1.56	1.82	18.09	68.98	8.15	97.373	68.595	8.117	0.41	18.09
1.57	1.67	18.80	70.65	8.40	97.001	70.215	8.364	0.43	18.80
1.58	1.50	19.50	72.15	8.63	96.596	71.664	8.589	0.44	19.50
1.59	1.31	20.20	73.46	8.84	96.164	72.924	8.789	0.43	20.20
1.60	1.11	20.89	74.57	9.01	95.711	73.986	8.963	0.41	20.89
1.61	1.00	21.71	75.57	9.18	95.240	74.939	9.125	0.41	21.71
1.62	0.98	22.52	76.55	9.35	94.758	75.867	9.289	0.44	22.52
1.63	0.95	23.32	77.50	9.52	94.486	76.765	9.453	0.45	23.32
1.64	0.91	24.12	78.41	9.69	93.912	77.620	9.615	0.46	24.12
1.65	0.85	24.92	79.26	9.86	93.278	78.412	9.769	0.49	24.92
1.66	0.78	25.37	80.04	10.01	92.586	79.135	9.912	0.50	25.37
1.67	0.70	25.82	80.74	10.15	91.837	79.777	10.040	0.49	25.82
1.68	0.60	26.26	81.34	10.26	91.034	80.324	10.150	0.46	26.26
1.69	0.49	26.70	81.83	10.36	90.178	80.766	10.241	0.41	26.70
1.70	0.37	27.14	82.20	10.44	89.079	81.095	10.309	0.35	27.14
1.71	0.31	27.64	82.51	10.50	88.106	81.368	10.368	0.32	27.64
1.72	0.30	28.12	82.81	10.57	87.084	81.629	10.424	0.33	28.12

1.73	0.30	28.61	83.11	10.63	86.015	81.888	10.482	0.36	28.61
1.74	0.30	29.09	83.41	10.70	84.903	82.142	10.539	0.39	29.09
1.75	0.29	29.57	83.70	10.76	83.752	82.385	10.595	0.40	29.57
1.76	0.28	30.16	83.98	10.83	82.565	82.616	10.650	0.42	30.16
1.77	0.27	30.74	84.25	10.89	81.348	82.836	10.703	0.43	30.74
1.78	0.26	31.31	84.51	10.96	80.095	83.044	10.755	0.44	31.31
1.79	0.25	31.89	84.76	11.02	78.819	83.241	10.805	0.45	31.89
1.80	0.24	32.46	85.00	11.08	77.520	83.427	10.853	0.46	32.46
1.81	0.23	32.83	85.23	11.14	76.201	83.603	10.900	0.47	32.83
1.82	0.23	33.19	85.46	11.20	74.866	83.775	10.945	0.50	33.19
1.83	0.23	33.56	85.69	11.26	73.618	83.944	10.991	0.52	33.56
1.84	0.23	33.92	85.92	11.32	72.161	84.110	11.036	0.55	33.92
1.85	0.23	34.28	86.15	11.38	70.640	84.273	11.081	0.58	34.28
1.86	0.23	35.13	86.38	11.44	69.067	84.431	11.126	0.61	35.13
1.87	0.22	35.98	86.60	11.50	67.451	84.580	11.170	0.61	35.98
1.88	0.22	36.82	86.82	11.57	65.803	84.725	11.214	0.65	36.82
1.89	0.21	37.65	87.03	11.63	64.136	84.859	11.256	0.65	37.65
1.90	0.21	38.48	87.24	11.69	62.458	84.990	11.298	0.68	38.48
1.91	0.20	39.13	87.44	11.76	60.782	85.112	11.337	0.67	39.13
1.92	0.19	39.77	87.63	11.82	59.118	85.224	11.375	0.67	39.77
1.93	0.19	40.41	87.82	11.88	57.478	85.333	11.412	0.69	40.41
1.94	0.19	41.04	88.01	11.94	55.871	85.440	11.449	0.72	41.04
1.95	0.18	41.68	88.19	12.00	54.309	85.537	11.483	0.71	41.68
1.96	0.18	42.10	88.37	12.06	52.802	85.632	11.517	0.73	42.10
1.97	0.18	42.52	88.55	12.13	51.362	85.725	11.551	0.75	42.52
1.98	0.18	42.94	88.73	12.19	50.000	85.815	11.584	0.77	42.94
1.99	0.17	43.36	88.90	12.25	48.690	85.898	11.614	0.75	43.36
2.00	0.17	43.77	89.07	12.31	47.399	85.978	11.645	0.77	43.77
2.01	0.17	44.17	89.24	12.37	46.130	86.057	11.674	0.79	44.17
2.02	0.16	44.56	89.40	12.43	44.882	86.128	11.702	0.76	44.56
2.03	0.15	44.95	89.55	12.48	43.657	86.194	11.727	0.73	44.95
2.04	0.15	45.34	89.70	12.54	42.455	86.258	11.752	0.74	45.34
2.05	0.14	45.72	89.84	12.59	41.278	86.315	11.774	0.71	45.72
2.06	0.13	46.18	89.97	12.64	40.126	86.368	11.795	0.67	46.18
2.07	0.13	46.64	90.10	12.69	39.001	86.418	11.816	0.68	46.64
2.08	0.13	47.09	90.23	12.74	37.902	86.468	11.836	0.69	47.09
2.09	0.13	47.55	90.36	12.79	36.832	86.515	11.855	0.70	47.55
2.10	0.13	48.00	90.49	12.84	35.790	86.562	11.875	0.72	48.00
2.11	0.04	48.42	90.53	12.85	34.778	86.576	11.881	0.22	48.42
2.12	0.04	48.85	90.57	12.87	33.797	86.589	11.887	0.23	48.85
2.13	0.04	49.27	90.61	12.88	32.847	86.603	11.892	0.23	49.27
2.14	0.04	49.70	90.65	12.90	31.930	86.615	11.898	0.23	49.70
2.15	0.03	50.12	90.68	12.91	31.046	86.625	11.902	0.18	50.12
2.16	0.03	50.53	90.71	12.93	30.196	86.634	11.906	0.18	50.53
2.17	0.03	50.95	90.74	12.94	29.381	86.642	11.910	0.18	50.95
2.18	0.03	51.36	90.77	12.95	28.602	86.651	11.914	0.18	51.36
2.19	0.03	51.78	90.80	12.96	27.860	86.659	11.918	0.19	51.78
2.20	0.03	52.19	90.83	12.98	27.156	86.668	11.921	0.19	52.19
2.21	0.03	52.56	90.86	12.99	26.490	86.676	11.925	0.19	52.56
2.22	0.03	52.94	90.89	13.00	25.863	86.683	11.929	0.19	52.94
2.23	0.03	53.31	90.92	13.02	25.278	86.691	11.932	0.19	53.31
2.24	0.03	53.68	90.95	13.03	24.464	86.698	11.936	0.19	53.68
2.25	0.03	54.05	90.98	13.04	23.945	86.705	11.940	0.20	54.05
2.26	0.03	54.42	91.01	13.06	23.446	86.712	11.943	0.20	54.42
2.27	0.03	54.79	91.04	13.07	22.966	86.719	11.946	0.20	54.79
2.28	0.03	55.15	91.07	13.08	22.507	86.726	11.950	0.20	55.15
2.29	0.03	55.52	91.10	13.10	22.070	86.733	11.953	0.20	55.52
2.30	0.03	55.88	91.13	13.11	21.657	86.739	11.956	0.20	55.88
2.31	0.45	55.88	91.58	13.32	21.267	86.835	12.005	3.04	55.88
2.32	0.45	55.88	92.03	13.53	20.903	86.929	12.052	3.05	55.88
2.33	0.45	55.89	92.48	13.74	20.565	87.021	12.099	3.07	55.89
2.34	0.45	55.89	92.93	13.94	20.255	87.113	12.145	3.08	55.89

2.35	0.45	55.89	93.38	14.14	19.973	87.203	12.190	3.09	55.89
2.36	0.44	55.89	93.82	14.34	19.729	87.289	12.233	3.03	55.89
2.37	0.44	55.90	94.26	14.53	19.458	87.375	12.276	3.04	55.90
2.38	0.44	55.90	94.70	14.72	19.186	87.459	12.318	3.05	55.90
2.39	0.44	55.90	95.14	14.91	18.914	87.543	12.360	3.06	55.90
2.40	0.44	55.90	95.58	15.10	18.643	87.625	12.400	3.07	55.90
2.41	0.44	55.90	96.02	15.29	18.373	87.705	12.440	3.08	55.90
2.42	0.43	55.91	96.45	15.47	18.104	87.783	12.479	3.02	55.91
2.43	0.43	55.91	96.88	15.65	17.837	87.860	12.517	3.03	55.91
2.44	0.43	55.91	97.31	15.83	17.573	87.936	12.554	3.04	55.91
2.45	0.43	55.91	97.74	16.01	17.311	88.010	12.591	3.05	55.91
2.46	0.15	58.66	97.89	16.07	17.052	88.036	12.604	1.07	58.66
2.47	0.15	61.40	98.04	16.14	16.797	88.061	12.618	1.07	61.40
2.48	0.15	64.12	98.19	16.21	16.545	88.086	12.633	1.07	64.12
2.49	0.15	66.84	98.34	16.29	16.299	88.110	12.648	1.08	66.84
2.50	0.15	69.54	98.49	16.37	16.057	88.134	12.663	1.08	69.54
2.51	0.15	72.23	98.64	16.46	15.821	88.158	12.679	1.08	72.23
2.52	0.15	74.92	98.79	16.55	15.590	88.181	12.696	1.09	74.92
2.53	0.15	77.59	98.94	16.64	15.366	88.204	12.713	1.09	77.59
2.54	0.15	80.25	99.09	16.73	15.148	88.227	12.730	1.09	80.25
2.55	0.14	82.90	99.23	16.83	14.938	88.248	12.747	1.02	82.90
2.56	0.14	85.54	99.37	16.92	14.791	88.269	12.764	1.02	85.54
2.57	0.14	88.17	99.51	17.02	14.581	88.289	12.781	1.03	88.17
2.58	0.14	90.79	99.65	17.13	14.370	88.309	12.799	1.03	90.79
2.59	0.14	93.40	99.79	17.24	14.160	88.329	12.817	1.03	93.40
2.60	0.14	96.00	99.93	17.35	13.949	88.349	12.836	1.03	96.00

HEAD ASH %	17.35	CLEAN COAL ASH %	12.84	REFUSE ASH %	51.54
THEO. YIELD	90.49	CLEAN COAL YIELD%	88.35	REFUSE YIELD%	11.65
SG OF SEPARATION	2.100	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	1.762	IMPERFECTION	0.212		
ORGANIC EFFCY.	97.64				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 30 WID: WA1 EQUIPE JIG SG-ASH 0.00 EP 0.0 SG ****

FLOAT

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 87.18 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.04	0.22	0.04	0.22	100.000	0.040	0.220	0.0	0.22
1.25	0.04	0.42	0.08	0.32	100.000	0.080	0.320	0.0	0.42
1.26	0.04	0.62	0.12	0.42	100.000	0.120	0.420	0.0	0.62
1.27	0.04	0.82	0.16	0.52	100.000	0.160	0.520	0.0	0.82
1.28	0.04	1.02	0.20	0.62	100.000	0.200	0.620	0.0	1.02
1.29	0.04	1.22	0.24	0.72	100.000	0.240	0.720	0.0	1.22
1.30	0.04	1.42	0.28	0.82	100.000	0.280	0.820	0.0	1.42
1.31	0.04	1.61	0.32	0.92	100.000	0.320	0.919	0.0	1.61
1.32	0.04	1.82	0.36	1.02	100.000	0.360	1.019	0.0	1.82
1.33	0.04	2.03	0.40	1.12	100.000	0.400	1.120	0.0	2.03
1.34	0.04	2.24	0.44	1.22	100.000	0.440	1.222	0.0	2.24
1.35	0.04	2.44	0.48	1.32	100.000	0.480	1.323	0.0	2.44
1.36	0.03	2.65	0.51	1.40	100.000	0.510	1.401	0.0	2.65
1.37	0.03	2.85	0.54	1.48	100.000	0.540	1.482	0.0	2.85
1.38	0.03	3.05	0.57	1.56	100.000	0.570	1.564	0.0	3.05
1.39	0.03	3.26	0.60	1.65	100.000	0.600	1.649	0.0	3.26
1.40	0.03	3.46	0.63	1.74	100.000	0.630	1.735	0.0	3.46
1.41	5.49	3.51	6.12	3.33	99.950	6.117	3.327	0.04	3.51
1.42	7.72	3.57	13.84	3.46	99.887	13.829	3.463	0.12	3.57
1.43	9.32	3.63	23.16	3.53	99.810	23.131	3.530	0.25	3.63
1.44	10.28	3.69	33.44	3.58	99.722	33.382	3.579	0.40	3.69
1.45	10.61	3.75	44.05	3.62	99.623	43.952	3.620	0.56	3.75
1.46	10.31	5.03	54.36	3.89	99.513	54.212	3.887	0.70	5.03
1.47	9.38	6.31	63.74	4.24	99.394	63.535	4.243	0.80	6.31
1.48	7.81	7.58	71.55	4.61	99.265	71.288	4.606	0.80	7.58
1.49	5.61	8.84	77.16	4.92	99.129	76.849	4.912	0.69	8.84
1.50	2.78	10.09	79.94	5.10	98.985	79.601	5.091	0.40	10.09
1.51	1.12	11.78	81.06	5.19	98.836	80.708	5.183	0.18	11.78
1.52	1.04	13.45	82.10	5.29	98.636	81.733	5.286	0.20	13.45
1.53	0.95	15.11	83.05	5.41	98.409	82.668	5.398	0.21	15.11
1.54	0.87	16.76	83.92	5.52	98.159	83.522	5.514	0.22	16.76
1.55	0.77	18.39	84.69	5.64	97.708	84.275	5.629	0.25	18.39
1.56	0.68	19.04	85.37	5.75	97.373	84.937	5.733	0.25	19.04
1.57	0.57	19.69	85.94	5.84	97.001	85.490	5.823	0.24	19.69
1.58	0.47	20.33	86.41	5.92	96.696	85.944	5.900	0.22	20.33
1.59	0.36	20.96	86.77	5.98	96.164	86.290	5.961	0.19	20.96
1.60	0.24	21.60	87.01	6.02	95.711	86.520	6.002	0.14	21.60
1.61	0.19	22.44	87.20	6.06	95.240	86.701	6.036	0.13	22.44
1.62	0.19	23.28	87.39	6.10	94.758	86.881	6.072	0.14	23.28
1.63	0.19	24.12	87.58	6.14	94.486	87.060	6.109	0.15	24.12
1.64	0.19	24.95	87.77	6.18	93.912	87.239	6.148	0.16	24.95
1.65	0.19	25.77	87.96	6.22	93.278	87.416	6.188	0.18	25.77
1.66	0.19	26.88	88.15	6.26	92.586	87.592	6.229	0.20	26.88
1.67	0.19	27.98	88.34	6.31	91.837	87.766	6.272	0.22	27.98
1.68	0.18	29.07	88.52	6.36	91.034	87.930	6.315	0.23	29.07
1.69	0.18	30.16	88.70	6.40	90.178	88.092	6.359	0.25	30.16
1.70	0.18	31.24	88.88	6.45	89.079	88.253	6.404	0.28	31.24
1.71	0.18	32.10	89.06	6.51	88.106	88.411	6.450	0.30	32.10
1.72	0.18	32.95	89.24	6.56	87.084	88.568	6.497	0.33	32.95

1.73	0.19	33.79	89.43	6.62	86.015	88.732	6.547	0.37	33.79
1.74	0.19	34.63	89.62	6.68	84.903	88.893	6.598	0.40	34.63
1.75	0.19	35.47	89.81	6.74	83.752	89.052	6.650	0.43	35.47
1.76	0.18	35.89	89.99	6.80	82.565	89.201	6.699	0.44	35.89
1.77	0.18	36.31	90.17	6.86	81.348	89.347	6.747	0.47	36.31
1.78	0.17	36.72	90.34	6.91	80.095	89.483	6.793	0.47	36.72
1.79	0.16	37.13	90.50	6.97	78.819	89.609	6.835	0.48	37.13
1.80	0.14	37.54	90.64	7.01	77.520	89.718	6.873	0.44	37.54
1.81	0.13	37.82	90.77	7.06	76.201	89.817	6.907	0.43	37.82
1.82	0.13	38.09	90.90	7.10	74.886	89.914	6.941	0.46	38.09
1.83	0.13	38.36	91.03	7.15	73.618	90.010	6.974	0.48	38.36
1.84	0.12	38.62	91.15	7.19	72.161	90.096	7.004	0.47	38.62
1.85	0.12	38.89	91.27	7.23	70.640	90.181	7.034	0.49	38.89
1.86	0.12	39.64	91.39	7.27	69.067	90.264	7.064	0.52	39.64
1.87	0.12	40.39	91.51	7.31	67.451	90.345	7.094	0.55	40.39
1.88	0.12	41.13	91.63	7.36	65.803	90.424	7.124	0.58	41.13
1.89	0.12	41.87	91.75	7.40	64.136	90.501	7.153	0.60	41.87
1.90	0.12	42.61	91.87	7.45	62.458	90.576	7.183	0.63	42.61
1.91	0.13	43.10	92.00	7.50	60.782	90.655	7.214	0.71	43.10
1.92	0.13	43.59	92.13	7.55	59.118	90.732	7.245	0.75	43.59
1.93	0.13	44.08	92.26	7.60	57.478	90.807	7.275	0.78	44.08
1.94	0.13	44.56	92.39	7.65	55.871	90.879	7.305	0.80	44.56
1.95	0.13	45.04	92.52	7.71	54.309	90.950	7.334	0.83	45.04
1.96	0.13	45.69	92.65	7.76	52.802	91.018	7.363	0.86	45.69
1.97	0.13	46.32	92.78	7.81	51.362	91.085	7.392	0.89	46.32
1.98	0.13	46.96	92.91	7.87	50.000	91.150	7.420	0.91	46.96
1.99	0.13	47.59	93.04	7.92	48.690	91.213	7.448	0.94	47.59
2.00	0.13	48.22	93.17	7.98	47.399	91.275	7.475	0.96	48.22
2.01	0.13	48.80	93.30	8.04	46.130	91.335	7.502	0.98	48.80
2.02	0.12	49.37	93.42	8.09	44.882	91.389	7.527	0.93	49.37
2.03	0.12	49.94	93.54	8.14	43.657	91.441	7.551	0.95	49.94
2.04	0.12	50.51	93.66	8.20	42.455	91.492	7.575	0.97	50.51
2.05	0.11	51.08	93.77	8.25	41.278	91.538	7.597	0.91	51.08
2.06	0.11	51.34	93.88	8.30	40.126	91.582	7.618	0.92	51.34
2.07	0.10	51.60	93.98	8.35	39.001	91.621	7.637	0.86	51.60
2.08	0.10	51.86	94.08	8.39	37.902	91.659	7.655	0.87	51.86
2.09	0.09	52.11	94.17	8.43	36.832	91.692	7.671	0.80	52.11
2.10	0.08	52.37	94.25	8.47	35.790	91.721	7.685	0.72	52.37
2.11	0.07	52.53	94.32	8.50	34.778	91.745	7.697	0.64	52.53
2.12	0.05	52.69	94.37	8.53	33.797	91.762	7.705	0.46	52.69
2.13	0.04	52.84	94.41	8.55	32.847	91.775	7.712	0.38	52.84
2.14	0.02	53.00	94.43	8.56	31.930	91.781	7.715	0.19	53.00
2.15	0.02	53.16	94.45	8.56	31.046	91.787	7.718	0.19	53.16
2.16	0.01	53.87	94.46	8.57	30.196	91.791	7.719	0.10	53.87
2.17	0.01	54.59	94.47	8.57	29.381	91.793	7.721	0.10	54.59
2.18	0.02	55.30	94.49	8.58	28.602	91.799	7.724	0.20	55.30
2.19	0.03	56.00	94.52	8.60	27.860	91.808	7.728	0.30	56.00
2.20	0.04	56.71	94.56	8.62	27.156	91.818	7.734	0.41	56.71
2.21	0.05	57.28	94.61	8.65	26.490	91.832	7.741	0.52	57.28
2.22	0.05	57.86	94.66	8.67	25.863	91.845	7.748	0.52	57.86
2.23	0.05	58.43	94.71	8.70	25.278	91.857	7.755	0.52	58.43
2.24	0.06	59.00	94.77	8.73	24.464	91.872	7.763	0.64	59.00
2.25	0.06	59.56	94.83	8.76	23.945	91.886	7.772	0.64	89.56
2.26	0.07	60.04	94.90	8.80	23.446	91.903	7.781	0.75	60.04
2.27	0.07	60.51	94.97	8.84	22.966	91.919	7.790	0.76	60.51
2.28	0.08	60.98	95.05	8.88	22.507	91.937	7.800	0.87	60.98
2.29	0.08	61.44	95.13	8.93	22.070	91.954	7.811	0.87	61.44
2.30	0.09	61.91	95.22	8.98	21.657	91.974	7.822	0.99	61.91
2.31	0.27	61.91	95.49	9.13	21.267	92.031	7.856	2.98	61.91
2.32	0.26	61.91	95.75	9.27	20.903	92.086	7.888	2.88	61.91
2.33	.26	61.92	96.01	9.41	20.565	92.139	7.919	.0	61.92
2.34	.26	61.92	96.27	9.55	20.255	92.192	7.950	.1	61.92

2.35	0.26	61.92	96.53	9.69	19.973	92.244	7.980	2.92	61.92
2.36	0.26	61.92	96.79	9.83	19.729	92.295	8.010	2.93	61.92
2.37	0.26	61.93	97.05	9.97	19.458	92.346	8.040	2.94	61.93
2.38	0.26	61.93	97.31	10.11	19.186	92.395	8.069	2.95	61.93
2.39	0.26	61.93	97.57	10.25	18.914	92.445	8.098	2.96	61.93
2.40	0.26	61.93	97.83	10.39	18.643	92.493	8.126	2.97	61.93
2.41	0.25	61.93	98.08	10.52	18.373	92.539	8.153	2.86	61.93
2.42	0.25	61.94	98.33	10.65	18.104	92.584	8.179	2.87	61.94
2.43	0.25	61.94	98.58	10.78	17.837	92.629	8.205	2.88	61.94
2.44	0.25	61.94	98.83	10.91	17.573	92.673	8.230	2.89	61.94
2.45	0.25	61.94	99.08	11.04	17.311	92.716	8.255	2.90	61.94
2.46	0.07	64.28	99.15	11.08	17.052	92.728	8.263	0.81	64.28
2.47	0.07	66.60	99.22	11.12	16.797	92.740	8.270	0.82	66.60
2.48	0.07	68.92	99.29	11.16	16.545	92.751	8.278	0.82	68.92
2.49	0.07	71.22	99.36	11.20	16.299	92.763	8.285	0.82	71.22
2.50	0.07	73.52	99.43	11.24	16.057	92.774	8.293	0.82	73.52
2.51	0.07	75.81	99.50	11.29	15.821	92.785	8.301	0.83	75.81
2.52	0.07	78.09	99.57	11.33	15.590	92.796	8.309	0.83	78.09
2.53	0.07	80.36	99.64	11.38	15.366	92.807	8.318	0.83	80.36
2.54	0.06	82.62	99.70	11.43	15.148	92.816	8.325	0.71	82.62
2.55	0.06	84.87	99.76	11.47	14.938	92.825	8.332	0.72	84.87
2.56	0.06	87.11	99.82	11.52	14.791	92.834	8.340	0.72	87.11
2.57	0.06	89.35	99.88	11.56	14.581	92.842	8.348	0.72	89.35
2.58	0.06	91.57	99.94	11.61	14.370	92.851	8.355	0.72	91.57
2.59	0.06	93.79	100.00	11.66	14.160	92.860	8.363	0.72	93.79
2.60	0.06	96.00	100.06	11.71	13.949	92.868	8.371	0.72	96.00

HEAD ASH %	11.71	CLEAN COAL ASH %	8.37	REFUSE ASH %	55.19
THEO. YIELD	94.03	CLEAN COAL YIELD%	92.87	REFUSE YIELD%	7.13
SG OF SEPARATION	2.075	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	1.630	IMPERFECTION	0.212		
ORGANIC EFFCY.	98.76				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 31 WID: WA1 EQUIPE JIG SG-ASH ***** EP 0.0 SG 0.00

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.72 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.01	0.23	0.01	0.23	100.000	0.010	0.230	0.0	0.23
1.25	0.01	0.44	0.02	0.33	100.000	0.020	0.335	0.0	0.44
1.26	0.01	0.65	0.03	0.44	100.000	0.030	0.440	0.0	0.65
1.27	0.01	0.86	0.04	0.54	100.000	0.040	0.545	0.0	0.86
1.28	0.01	1.07	0.05	0.65	100.000	0.050	0.650	0.0	1.07
1.29	0.01	1.28	0.06	0.75	100.000	0.060	0.755	0.0	1.28
1.30	0.01	1.48	0.07	0.86	100.000	0.070	0.859	0.0	1.48
1.31	0.01	1.69	0.08	0.96	100.000	0.080	0.962	0.0	1.69
1.32	0.01	1.93	0.09	1.07	100.000	0.090	1.070	0.0	1.93
1.33	0.01	2.22	0.10	1.18	100.000	0.100	1.185	0.0	2.22
1.34	0.01	2.50	0.11	1.30	100.000	0.110	1.305	0.0	2.50
1.35	0.01	2.78	0.12	1.43	100.000	0.120	1.427	0.0	2.78
1.36	0.01	3.06	0.13	1.55	100.000	0.130	1.553	0.0	3.06
1.37	0.01	3.34	0.14	1.68	100.000	0.140	1.681	0.0	3.34
1.38	0.01	3.62	0.15	1.81	100.000	0.150	1.810	0.0	3.62
1.39	0.01	3.89	0.16	1.94	100.000	0.160	1.940	0.0	3.89
1.40	0.01	4.16	0.17	2.07	100.000	0.170	2.071	0.0	4.16
1.41	3.28	4.46	3.45	4.34	99.950	3.448	4.342	0.01	4.46
1.42	4.29	4.76	7.74	4.57	99.887	7.734	4.574	0.02	4.76
1.43	5.02	5.05	12.76	4.76	99.810	12.744	4.761	0.04	5.05
1.44	5.49	5.34	18.25	4.94	99.722	18.219	4.935	0.06	5.34
1.45	5.68	5.63	23.93	5.10	99.623	23.877	5.100	0.09	5.63
1.46	5.59	6.81	29.52	5.42	99.513	29.440	5.423	0.11	6.81
1.47	5.23	7.99	34.75	5.81	99.394	34.638	5.808	0.13	7.99
1.48	4.60	9.16	39.35	6.20	99.265	39.205	6.199	0.14	9.16
1.49	3.69	10.32	43.04	6.55	99.129	42.862	6.550	0.13	10.32
1.50	2.51	11.47	45.55	6.83	98.985	45.347	6.820	0.11	11.47
1.51	1.81	12.64	47.36	7.05	98.835	47.136	7.041	0.09	12.64
1.52	1.75	13.80	49.11	7.29	98.636	48.862	7.279	0.10	13.80
1.53	1.68	14.95	50.79	7.54	98.409	50.515	7.531	0.11	14.95
1.54	1.60	16.10	52.39	7.80	98.159	52.086	7.789	0.12	16.10
1.55	1.50	17.23	53.89	8.07	97.708	53.551	8.047	0.14	17.23
1.56	1.39	18.30	55.28	8.32	97.373	54.905	8.300	0.15	18.30
1.57	1.26	19.35	56.54	8.57	97.001	56.127	8.541	0.16	19.35
1.58	1.12	20.40	57.66	8.80	96.596	57.209	8.765	0.16	20.40
1.59	0.97	21.44	58.63	9.01	96.164	58.142	8.968	0.15	21.44
1.60	0.80	22.48	59.43	9.19	95.711	58.907	9.144	0.14	22.48
1.61	0.72	23.59	60.15	9.36	95.240	59.593	9.310	0.14	23.59
1.62	0.73	24.69	60.88	9.55	94.758	60.285	9.487	0.16	24.69
1.63	0.74	25.78	61.62	9.74	94.486	60.984	9.673	0.17	25.78
1.64	0.73	26.87	62.35	9.94	93.912	61.670	9.865	0.18	26.87
1.65	0.71	27.95	63.06	10.14	93.278	62.332	10.057	0.20	27.95
1.66	0.68	28.94	63.74	10.34	92.586	62.962	10.246	0.21	28.94
1.67	0.63	29.93	64.37	10.54	91.837	63.540	10.425	0.21	29.93
1.68	0.58	30.91	64.95	10.72	91.034	64.068	10.594	0.21	30.91
1.69	0.52	31.89	65.47	10.89	90.178	64.537	10.748	0.21	31.89
1.70	0.44	32.86	65.91	11.03	89.079	64.929	10.882	0.20	32.86
1.71	0.40	33.75	66.31	11.17	88.106	65.281	11.005	0.0	33.75
1.72	0.40	34.64	66.71	11.31	87.084	65.630	11.131	0.1	34.64

1.73	0.40	35.52	67.11	11.45	86.015	65.974	11.258	0.23	35.52
1.74	0.39	36.39	67.50	11.60	84.903	66.305	11.383	0.24	36.39
1.75	0.38	37.26	67.88	11.74	83.752	66.623	11.507	0.25	37.26
1.76	0.37	37.75	68.25	11.88	82.565	66.929	11.627	0.27	37.75
1.77	0.35	38.24	68.60	12.02	81.345	67.213	11.740	0.27	38.24
1.78	0.33	38.72	68.93	12.15	80.095	67.478	11.845	0.27	38.72
1.79	0.30	39.20	69.23	12.26	78.819	67.714	11.941	0.26	39.20
1.80	0.27	39.68	69.50	12.37	77.520	67.923	12.026	0.25	39.68
1.81	0.25	39.98	69.75	12.47	76.201	68.114	12.104	0.25	39.98
1.82	0.25	40.28	70.00	12.57	74.866	68.301	12.182	0.26	40.28
1.83	0.25	40.59	70.25	12.67	73.618	68.485	12.258	0.27	40.59
1.84	0.25	40.89	70.50	12.77	72.161	68.666	12.333	0.29	40.89
1.85	0.24	41.18	70.74	12.86	70.640	68.835	12.404	0.29	41.18
1.86	0.24	42.17	70.98	12.96	69.067	69.001	12.476	0.31	42.17
1.87	0.23	43.14	71.21	13.06	67.451	69.156	12.545	0.31	43.14
1.88	0.23	44.11	71.44	13.16	65.803	69.307	12.614	0.32	44.11
1.89	0.22	45.08	71.66	13.26	64.136	69.448	12.679	0.33	45.08
1.90	0.22	46.04	71.88	13.36	62.458	69.586	12.745	0.34	46.04
1.91	0.22	46.90	72.10	13.46	60.782	69.720	12.811	0.36	46.90
1.92	0.22	47.75	72.32	13.57	59.118	69.850	12.876	0.37	47.75
1.93	0.23	48.60	72.55	13.68	57.478	69.982	12.943	0.40	48.60
1.94	0.22	49.45	72.77	13.78	55.871	70.105	13.007	0.40	49.45
1.95	0.22	50.29	72.99	13.89	54.309	70.224	13.071	0.42	50.29
1.96	0.21	50.59	73.20	14.00	52.802	70.335	13.130	0.41	50.59
1.97	0.20	50.88	73.40	14.10	51.362	70.438	13.185	0.40	50.88
1.98	0.18	51.17	73.58	14.19	50.000	70.528	13.234	0.37	51.17
1.99	0.16	51.47	73.74	14.27	48.690	70.606	13.276	0.34	51.47
2.00	0.14	51.76	73.88	14.34	47.399	70.672	13.312	0.30	51.76
2.01	0.13	51.92	74.01	14.41	46.130	70.732	13.345	0.29	51.92
2.02	0.13	52.08	74.14	14.47	44.882	70.790	13.377	0.30	52.08
2.03	0.13	52.23	74.27	14.54	43.657	70.847	13.408	0.30	52.23
2.04	0.13	52.39	74.40	14.61	42.455	70.902	13.438	0.31	52.39
2.05	0.13	52.55	74.53	14.67	41.278	70.956	13.468	0.32	52.55
2.06	0.13	53.50	74.66	14.74	40.126	71.008	13.497	0.32	53.50
2.07	0.13	54.44	74.79	14.81	39.001	71.059	13.526	0.33	54.44
2.08	0.13	55.38	74.92	14.88	37.902	71.108	13.555	0.33	55.38
2.09	0.13	56.32	75.05	14.95	36.832	71.156	13.584	0.34	56.32
2.10	0.13	57.25	75.18	15.03	35.790	71.203	13.612	0.34	57.25
2.11	0.13	57.95	75.31	15.10	34.778	71.248	13.641	0.35	57.95
2.12	0.13	58.64	75.44	15.17	33.797	71.292	13.668	0.36	58.64
2.13	0.13	59.32	75.57	15.25	32.847	71.334	13.696	0.36	59.32
2.14	0.13	60.01	75.70	15.33	31.930	71.376	13.723	0.37	60.01
2.15	0.13	60.69	75.83	15.40	31.046	71.416	13.749	0.37	60.69
2.16	0.13	61.20	75.96	15.48	30.196	71.456	13.775	0.37	61.20
2.17	0.13	61.71	76.09	15.56	29.381	71.494	13.801	0.38	61.71
2.18	0.13	62.21	76.22	15.64	28.602	71.531	13.826	0.38	62.21
2.19	0.13	62.72	76.35	15.72	27.860	71.567	13.851	0.39	62.72
2.20	0.13	63.22	76.48	15.80	27.156	71.602	13.875	0.39	63.22
2.21	0.13	63.52	76.61	15.88	26.490	71.637	13.899	0.39	63.52
2.22	0.13	63.83	76.74	15.96	25.863	71.671	13.922	0.40	63.83
2.23	0.13	64.13	76.87	16.05	25.278	71.703	13.945	0.40	64.13
2.24	0.14	64.44	77.01	16.13	24.464	71.738	13.969	0.44	64.44
2.25	0.14	64.74	77.15	16.22	23.945	71.771	13.993	0.44	64.74
2.26	0.14	65.90	77.29	16.31	23.446	71.804	14.017	0.44	65.90
2.27	0.14	67.05	77.43	16.40	22.966	71.836	14.041	0.45	67.05
2.28	0.14	68.20	77.57	16.50	22.507	71.868	14.064	0.45	68.20
2.29	0.15	69.34	77.72	16.60	22.070	71.901	14.090	0.48	69.34
2.30	0.15	70.48	77.87	16.70	21.657	71.933	14.115	0.49	70.48
2.31	0.78	71.32	78.65	17.25	21.267	72.099	14.247	2.54	71.32
2.32	0.78	72.16	79.43	17.78	20.903	72.262	14.378	2.55	72.16
2.33	0.78	73.00	80.21	18.32	20.565	72.423	14.507	2.56	73.00
2.34	0.77	73.84	80.98	18.85	20.255	72.579	14.635	2.54	73.84

2.35	0.77	74.67	81.75	19.38	19.973	72.732	14.762	2.54	74.67
2.36	0.77	75.50	82.52	19.90	19.729	72.884	14.889	2.55	75.50
2.37	0.76	76.32	83.28	20.41	19.458	73.032	15.013	2.53	76.32
2.38	0.76	77.14	84.04	20.93	19.186	73.178	15.137	2.54	77.14
2.39	0.76	77.96	84.80	21.44	18.914	73.322	15.260	2.54	77.96
2.40	0.75	78.77	85.55	21.94	18.643	73.462	15.381	2.52	78.77
2.41	0.75	79.58	86.30	22.44	18.373	73.599	15.501	2.53	79.58
2.42	0.75	80.39	87.05	22.94	18.104	73.735	15.620	2.54	80.39
2.43	0.74	81.19	87.79	23.43	17.837	73.867	15.738	2.51	81.19
2.44	0.74	82.00	88.53	23.92	17.573	73.997	15.854	2.52	82.00
2.45	0.74	82.79	89.27	24.41	17.311	74.125	15.970	2.53	82.79
2.46	0.73	83.70	90.00	24.89	17.052	74.250	16.083	2.50	83.70
2.47	0.73	84.60	90.73	25.37	16.797	74.372	16.196	2.51	84.60
2.48	0.73	85.50	91.46	25.85	16.545	74.493	16.309	2.52	85.50
2.49	0.73	86.39	92.19	26.33	16.299	74.612	16.420	2.52	86.39
2.50	0.72	87.28	92.91	26.80	16.057	74.728	16.530	2.50	87.28
2.51	0.72	88.17	93.63	27.27	15.821	74.842	16.639	2.50	88.17
2.52	0.72	89.05	94.35	27.75	15.590	74.954	16.747	2.51	89.05
2.53	0.71	89.93	95.06	28.21	15.366	75.063	16.854	2.48	89.93
2.54	0.71	90.81	95.77	28.67	15.148	75.170	16.960	2.49	90.81
2.55	0.71	91.68	96.48	29.14	14.938	75.277	17.065	2.49	91.68
2.56	0.71	92.55	97.19	29.60	14.791	75.382	17.170	2.50	92.55
2.57	0.70	93.42	97.89	30.06	14.581	75.484	17.273	2.47	93.42
2.58	0.70	94.28	98.59	30.51	14.370	75.584	17.376	2.47	94.28
2.59	0.70	95.14	99.29	30.97	14.160	75.683	17.478	2.48	95.14
2.60	0.69	96.00	99.98	31.42	13.949	75.780	17.577	2.45	96.00

HEAD ASH %	31.42	CLEAN COAL ASH %	17.58	REFUSE ASH %	74.72
THEO. YIELD	79.13	CLEAN COAL YIELD%	75.78	REFUSE YIELD%	24.22
SG OF SEPARATION	2.316	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	10.072	IMPERFECTION	0.212		
ORGANIC EFFCY.	95.77				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 32 WID: WA1 EQUIPE JIG SG-ASH ***** EP 0.0 SG 1.05
---------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 89.22 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.11	0.12	0.11	0.12	100.000	0.110	0.120	0.0	0.12
1.25	0.11	0.22	0.22	0.17	100.000	0.220	0.170	0.0	0.22
1.26	0.11	0.33	0.33	0.22	100.000	0.330	0.223	0.0	0.33
1.27	0.11	0.43	0.44	0.27	100.000	0.440	0.275	0.0	0.43
1.28	0.11	0.54	0.55	0.33	100.000	0.550	0.328	0.0	0.54
1.29	0.11	0.64	0.66	0.38	100.000	0.660	0.380	0.0	0.64
1.30	0.10	0.74	0.76	0.43	100.000	0.760	0.427	0.0	0.74
1.31	0.10	0.85	0.86	0.48	100.000	0.860	0.477	0.0	0.85
1.32	0.10	1.19	0.96	0.55	100.000	0.960	0.551	0.0	1.19
1.33	0.10	1.78	1.06	0.67	100.000	1.060	0.667	0.0	1.78
1.34	0.10	2.37	1.16	0.81	100.000	1.160	0.814	0.0	2.37
1.35	0.10	2.95	1.26	0.98	100.000	1.260	0.983	0.0	2.95
1.36	0.10	3.53	1.36	1.17	100.000	1.360	1.170	0.0	3.53
1.37	0.10	4.11	1.46	1.37	100.000	1.460	1.372	0.0	4.11
1.38	0.10	4.68	1.56	1.58	100.000	1.560	1.584	0.0	4.68
1.39	0.10	5.24	1.66	1.80	100.000	1.660	1.804	0.0	5.24
1.40	0.10	5.80	1.76	2.03	100.000	1.760	2.031	0.0	5.80
1.41	3.75	6.24	5.51	4.90	99.950	5.508	4.895	0.02	6.24
1.42	4.45	6.67	9.96	5.69	99.887	9.953	5.688	0.04	6.67
1.43	4.97	7.11	14.93	6.16	99.810	14.914	6.161	0.08	7.11
1.44	5.32	7.53	20.25	6.52	99.722	20.219	6.520	0.12	7.53
1.45	5.49	7.96	25.74	6.83	99.623	25.688	6.827	0.17	7.96
1.46	5.50	8.78	31.24	7.17	99.513	31.161	7.170	0.22	8.78
1.47	5.32	9.59	36.56	7.52	99.394	36.449	7.521	0.27	9.59
1.48	4.98	10.40	41.54	7.87	99.265	41.393	7.865	0.30	10.40
1.49	4.46	11.20	46.00	8.19	99.129	45.814	8.187	0.32	11.20
1.50	3.77	11.99	49.77	8.48	98.985	49.545	8.473	0.32	11.99
1.51	3.42	12.73	53.19	8.75	98.835	52.926	8.745	0.33	12.73
1.52	3.47	13.46	56.66	9.04	98.636	56.348	9.031	0.39	13.46
1.53	3.44	14.19	60.10	9.34	98.409	59.734	9.324	0.45	14.19
1.54	3.34	14.92	63.44	9.63	98.159	63.012	9.615	0.51	14.92
1.55	3.15	15.63	66.59	9.91	97.708	66.090	9.895	0.60	15.63
1.56	2.88	16.21	69.47	10.17	97.373	68.894	10.152	0.63	16.21
1.57	2.53	16.78	72.00	10.41	97.001	71.348	10.380	0.63	16.78
1.58	2.10	17.35	74.10	10.60	96.596	73.377	10.573	0.59	17.35
1.59	1.59	17.92	75.69	10.76	96.164	74.906	10.723	0.51	17.92
1.60	0.99	18.48	76.68	10.86	95.711	75.853	10.820	0.35	18.48
1.61	0.65	19.14	77.33	10.93	95.240	76.472	10.887	0.26	19.14
1.62	0.62	19.81	77.95	11.00	94.758	77.060	10.955	0.27	19.81
1.63	0.58	20.46	78.53	11.07	94.486	77.608	11.022	0.26	20.46
1.64	0.54	21.12	79.07	11.14	93.912	78.115	11.088	0.27	21.12
1.65	0.51	21.77	79.58	11.20	93.278	78.591	11.152	0.28	21.77
1.66	0.47	22.41	80.05	11.27	92.586	79.026	11.214	0.29	22.41
1.67	0.44	23.04	80.49	11.33	91.837	79.430	11.274	0.30	23.04
1.68	0.40	23.68	80.89	11.39	91.034	79.794	11.331	0.30	23.68
1.69	0.36	24.31	81.25	11.45	90.178	80.119	11.384	0.29	24.31
1.70	0.33	24.93	81.58	11.51	89.079	80.413	11.433	0.30	24.93
1.71	0.32	25.57	81.90	11.56	88.106	80.695	11.483	0.32	25.57
1.72	0.33	26.21	82.23	11.62	87.084	80.982	11.535	0.35	26.21

1.73	0.33	26.84	82.56	11.68	86.015	81.266	11.588	0.38	26.84
1.74	0.33	27.47	82.89	11.74	84.903	81.546	11.643	0.41	27.47
1.75	0.33	28.10	83.22	11.81	83.752	81.822	11.698	0.44	28.10
1.76	0.32	28.73	83.54	11.87	82.665	82.087	11.753	0.46	28.73
1.77	0.30	29.35	83.84	11.94	81.345	82.331	11.805	0.46	29.35
1.78	0.28	29.98	84.12	12.00	80.095	82.555	11.855	0.46	29.98
1.79	0.25	30.60	84.37	12.05	78.819	82.752	11.899	0.44	30.60
1.80	0.21	31.21	84.58	12.10	77.520	82.915	11.937	0.39	31.21
1.81	0.19	31.81	84.77	12.14	76.201	83.060	11.972	0.37	31.81
1.82	0.19	32.40	84.96	12.19	74.866	83.202	12.007	0.40	32.40
1.83	0.19	32.99	85.15	12.23	73.618	83.342	12.042	0.42	32.99
1.84	0.18	33.58	85.33	12.28	72.161	83.472	12.076	0.42	33.58
1.85	0.18	34.16	85.51	12.33	70.640	83.599	12.109	0.44	34.16
1.86	0.18	34.27	85.69	12.37	69.067	83.723	12.142	0.46	34.27
1.87	0.17	34.37	85.86	12.42	67.451	83.838	12.173	0.46	34.37
1.88	0.17	34.48	86.03	12.46	65.803	83.950	12.202	0.48	34.48
1.89	0.17	34.59	86.20	12.50	64.136	84.059	12.231	0.51	34.59
1.90	0.16	34.69	86.36	12.54	62.458	84.159	12.258	0.50	34.69
1.91	0.18	34.69	86.54	12.59	60.782	84.268	12.287	0.58	34.69
1.92	0.17	34.69	86.71	12.63	59.118	84.369	12.314	0.58	34.69
1.93	0.17	34.69	86.88	12.68	57.478	84.466	12.340	0.60	34.69
1.94	0.16	34.69	87.04	12.72	55.871	84.556	12.363	0.58	34.69
1.95	0.16	34.69	87.20	12.76	54.309	84.643	12.386	0.61	34.69
1.96	0.12	35.16	87.32	12.79	52.802	84.706	12.403	0.47	35.16
1.97	0.13	35.62	87.45	12.82	51.362	84.773	12.422	0.52	35.62
1.98	0.13	36.07	87.58	12.86	50.000	84.838	12.440	0.54	36.07
1.99	0.13	36.53	87.71	12.89	48.690	84.901	12.458	0.55	36.53
2.00	0.14	36.98	87.85	12.93	47.399	84.967	12.477	0.61	36.98
2.01	0.18	37.15	88.03	12.98	46.130	85.050	12.501	0.80	37.15
2.02	0.21	37.31	88.24	13.04	44.882	85.145	12.528	0.96	37.31
2.03	0.24	37.47	88.48	13.10	43.657	85.249	12.559	1.12	37.47
2.04	0.25	37.63	88.73	13.17	42.455	85.355	12.590	1.19	37.63
2.05	0.26	37.79	88.99	13.24	41.278	85.463	12.622	1.26	37.79
2.06	0.26	38.91	89.25	13.32	40.126	85.567	12.654	1.29	38.91
2.07	0.26	40.02	89.51	13.40	39.001	85.669	12.686	1.31	40.02
2.08	0.24	41.13	89.75	13.47	37.902	85.760	12.716	1.23	41.13
2.09	0.22	42.23	89.97	13.54	36.832	85.841	12.744	1.15	42.23
2.10	0.19	43.33	90.16	13.60	35.790	85.909	12.768	1.01	43.33
2.11	0.12	44.29	90.28	13.65	34.778	85.950	12.784	0.65	44.29
2.12	0.07	45.24	90.35	13.67	33.797	85.974	12.793	0.38	45.24
2.13	0.04	46.19	90.39	13.68	32.847	85.987	12.798	0.22	46.19
2.14	0.02	47.14	90.41	13.69	31.930	85.993	12.800	0.11	47.14
2.15	0.01	48.08	90.42	13.70	31.046	85.997	12.802	0.06	48.08
2.16	0.02	48.08	90.44	13.70	30.196	86.003	12.804	0.12	48.08
2.17	0.04	48.08	90.48	13.72	29.381	86.014	12.809	0.23	48.08
2.18	0.08	48.08	90.56	13.75	28.602	86.037	12.818	0.47	48.08
2.19	0.13	48.08	90.69	13.80	27.860	86.073	12.833	0.78	48.08
2.20	0.20	48.08	90.89	13.87	27.156	86.128	12.855	1.21	48.08
2.21	0.22	48.12	91.11	13.96	26.490	86.186	12.879	1.34	48.12
2.22	0.22	48.16	91.33	14.04	25.863	86.243	12.903	1.35	48.16
2.23	0.22	48.20	91.55	14.12	25.278	86.299	12.925	1.36	48.20
2.24	0.22	48.23	91.77	14.20	24.464	86.352	12.947	1.38	48.23
2.25	0.22	48.27	91.99	14.28	23.945	86.405	12.969	1.39	48.27
2.26	0.22	48.59	92.21	14.37	23.446	86.457	12.990	1.40	48.59
2.27	0.23	48.92	92.44	14.45	22.966	86.509	13.012	1.47	48.92
2.28	0.23	49.24	92.67	14.54	22.507	86.561	13.034	1.48	49.24
2.29	0.23	49.56	92.90	14.62	22.070	86.612	13.055	1.48	49.56
2.30	0.23	49.88	93.13	14.71	21.657	86.662	13.076	1.49	49.88
2.31	0.36	49.88	93.49	14.85	21.267	86.738	13.109	2.35	49.88
2.32	0.36	49.88	93.85	14.98	20.903	86.814	13.141	2.36	49.88
2.33	0.36	49.88	94.21	15.11	20.565	86.888	13.172	[illegible]7	49.88
2.34	0.36	49.88	94.57	15.25	20.255	86.961	13.203	[illegible]38	49.88

2.35	0.36	49.89	94.93	15.38	19.973	87.032	13.233	2.39	49.89
2.36	0.35	49.89	95.28	15.50	19.729	87.102	13.262	2.33	49.89
2.37	0.35	49.89	95.63	15.63	19.458	87.170	13.291	2.33	49.89
2.38	0.35	49.89	95.98	15.76	19.186	87.237	13.319	2.34	49.89
2.39	0.35	49.89	96.33	15.88	18.914	87.303	13.347	2.35	49.89
2.40	0.35	49.89	96.68	16.00	18.643	87.368	13.374	2.36	49.89
2.41	0.35	49.89	97.03	16.13	18.373	87.433	13.401	2.37	49.89
2.42	0.35	49.89	97.38	16.25	18.104	87.496	13.427	2.37	49.89
2.43	0.34	49.90	97.72	16.36	17.837	87.557	13.452	2.31	49.90
2.44	0.34	49.90	98.06	16.48	17.573	87.616	13.477	2.32	49.90
2.45	0.34	49.90	98.40	16.60	17.311	87.675	13.502	2.33	49.90
2.46	0.11	59.06	98.51	16.64	17.052	87.694	13.510	0.76	59.06
2.47	0.11	56.21	98.62	16.68	16.797	87.712	13.519	0.76	56.21
2.48	0.11	59.34	98.73	16.73	16.545	87.731	13.529	0.76	59.34
2.49	0.11	62.46	98.84	16.78	16.299	87.749	13.539	0.76	62.46
2.50	0.11	65.57	98.95	16.83	16.057	87.766	13.549	0.76	65.57
2.51	0.11	68.67	99.06	16.89	15.821	87.784	13.560	0.77	68.67
2.52	0.11	71.75	99.17	16.95	15.590	87.801	13.571	0.77	71.75
2.53	0.11	74.83	99.28	17.02	15.366	87.818	13.583	0.77	74.83
2.54	0.11	77.89	99.39	17.08	15.148	87.834	13.595	0.77	77.89
2.55	0.11	80.93	99.50	17.15	14.938	87.851	13.608	0.78	80.93
2.56	0.11	83.97	99.61	17.23	14.791	87.867	13.621	0.78	83.97
2.57	0.11	87.00	99.72	17.30	14.581	87.883	13.634	0.78	87.00
2.58	0.11	90.01	99.83	17.38	14.370	87.899	13.648	0.78	90.01
2.59	0.10	93.01	99.93	17.46	14.160	87.913	13.661	0.71	93.01
2.60	0.10	96.00	100.03	17.54	13.949	87.927	13.674	0.71	96.00

HEAD ASH %	17.54	CLEAN COAL ASH %	13.67	REFUSE ASH %	45.68
THEO. YIELD	90.36	CLEAN COAL YIELD%	87.93	REFUSE YIELD%	12.07
SG OF SEPARATION	2.123	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	3.084	IMPERFECTION	0.212		
ORGANIC EFFCY.	97.30				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 34 WID: WA1 EQUIPE JIG SG-ASH ***** EP 0.0 SG ****

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 82.63 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.01	0.23	0.01	0.23	100.000	0.010	0.230	0.0	0.23
1.25	0.01	0.44	0.02	0.33	100.000	0.020	0.335	0.0	0.44
1.26	0.01	0.66	0.03	0.44	100.000	0.030	0.443	0.0	0.66
1.27	0.01	0.87	0.04	0.55	100.000	0.040	0.550	0.0	0.87
1.28	0.01	1.08	0.05	0.66	100.000	0.050	0.656	0.0	1.08
1.29	0.01	1.29	0.06	0.76	100.000	0.060	0.762	0.0	1.29
1.30	0.01	1.50	0.07	0.87	100.000	0.070	0.867	0.0	1.50
1.31	0.01	1.70	0.08	0.97	100.000	0.080	0.971	0.0	1.70
1.32	0.01	1.96	0.09	1.08	100.000	0.090	1.081	0.0	1.96
1.33	0.01	2.27	0.10	1.20	100.000	0.100	1.200	0.0	2.27
1.34	0.01	2.57	0.11	1.32	100.000	0.110	1.325	0.0	2.57
1.35	0.01	2.87	0.12	1.45	100.000	0.120	1.453	0.0	2.87
1.36	0.01	3.17	0.13	1.59	100.000	0.130	1.585	0.0	3.17
1.37	0.01	3.47	0.14	1.72	100.000	0.140	1.720	0.0	3.47
1.38	0.01	3.77	0.15	1.86	100.000	0.150	1.857	0.0	3.77
1.39	0.01	4.06	0.16	1.99	100.000	0.160	1.994	0.0	4.06
1.40	0.01	4.35	0.17	2.13	100.000	0.170	2.133	0.0	4.35
1.41	3.45	4.59	3.62	4.47	99.950	3.618	4.475	0.01	4.59
1.42	3.92	4.83	7.54	4.66	99.887	7.534	4.659	0.03	4.83
1.43	4.28	5.06	11.82	4.80	99.810	11.806	4.804	0.06	5.06
1.44	4.52	5.30	16.34	4.94	99.722	16.313	4.941	0.09	5.30
1.45	4.64	5.53	20.98	5.07	99.623	20.936	5.071	0.12	5.53
1.46	4.66	6.61	25.64	5.35	99.513	25.573	5.350	0.16	6.61
1.47	4.55	7.67	30.19	5.70	99.394	30.095	5.699	0.19	7.67
1.48	4.34	8.73	34.53	6.08	99.265	34.403	6.078	0.22	8.73
1.49	4.01	9.79	38.54	6.47	99.129	38.379	6.463	0.24	9.79
1.50	3.66	10.83	42.10	6.84	98.985	41.902	6.830	0.25	10.83
1.51	3.35	11.78	45.45	7.20	98.835	45.213	7.193	0.27	11.78
1.52	3.40	12.72	48.85	7.58	98.636	48.567	7.574	0.32	12.72
1.53	3.40	13.66	52.25	7.98	98.409	51.913	7.967	0.37	13.66
1.54	3.33	14.59	55.58	8.38	98.159	55.182	8.359	0.42	14.59
1.55	3.20	15.51	58.78	8.76	97.708	58.308	8.742	0.51	15.51
1.56	3.01	16.45	61.79	9.14	97.373	61.239	9.111	0.55	16.45
1.57	2.76	17.38	64.55	9.49	97.001	63.816	9.458	0.57	17.38
1.58	2.44	18.31	66.99	9.81	96.596	66.273	9.772	0.57	18.31
1.59	2.06	19.24	69.05	10.09	96.164	68.254	10.047	0.55	19.24
1.60	1.63	20.16	70.68	10.33	95.711	69.814	10.273	0.48	20.16
1.61	1.32	21.34	72.00	10.53	95.240	71.072	10.469	0.43	21.34
1.62	1.19	22.53	73.19	10.72	94.758	72.199	10.657	0.43	22.53
1.63	1.07	23.70	74.26	10.91	94.486	73.210	10.837	0.41	23.70
1.64	0.95	24.87	75.21	11.09	93.912	74.102	11.006	0.40	24.87
1.65	0.83	26.03	76.04	11.25	93.278	74.877	11.162	0.39	26.03
1.66	0.72	26.70	76.76	11.39	92.586	75.543	11.299	0.37	26.70
1.67	0.61	27.36	77.37	11.52	91.837	76.103	11.417	0.34	27.36
1.68	0.50	28.02	77.87	11.63	91.034	76.559	11.516	0.31	28.02
1.69	0.40	28.67	78.27	11.71	90.178	76.919	11.596	0.27	28.67
1.70	0.30	29.32	78.57	11.78	89.079	77.187	11.658	0.23	29.32
1.71	.25	30.24	78.82	11.84	88.106	77.407	11.710	21	30.24
1.72	.25	31.15	79.07	11.90	87.084	77.625	11.765	22	31.15

1.73	0.24	32.06	79.31	11.96	86.015	77.831	11.819	0.23	32.06
1.74	0.24	32.95	79.55	12.02	84.903	78.035	11.874	0.25	32.95
1.75	0.24	33.85	79.79	12.09	83.752	78.236	11.930	0.27	33.85
1.76	0.24	34.21	80.03	12.16	82.565	78.434	11.987	0.29	34.21
1.77	0.25	34.58	80.28	12.23	81.345	78.637	12.045	0.32	34.58
1.78	0.25	34.94	80.53	12.30	80.095	78.837	12.103	0.34	34.94
1.79	0.26	35.30	80.79	12.37	78.819	79.042	12.163	0.38	35.30
1.80	0.27	35.66	81.06	12.45	77.520	79.252	12.225	0.42	35.66
1.81	0.30	35.66	81.36	12.53	76.201	79.480	12.293	0.49	35.66
1.82	0.30	35.66	81.66	12.62	74.866	79.705	12.359	0.52	35.66
1.83	0.31	35.66	81.97	12.71	73.618	79.933	12.425	0.57	35.66
1.84	0.31	35.66	82.28	12.79	72.161	80.157	12.490	0.60	35.66
1.85	0.31	35.66	82.59	12.88	70.640	80.376	12.553	0.63	35.66
1.86	0.24	36.90	82.83	12.95	69.067	80.542	12.603	0.51	36.90
1.87	0.24	38.13	83.07	13.02	67.451	80.703	12.655	0.54	38.13
1.88	0.24	39.36	83.31	13.10	65.803	80.861	12.707	0.57	39.36
1.89	0.24	40.57	83.55	13.18	64.136	81.015	12.760	0.59	40.57
1.90	0.24	41.79	83.79	13.26	62.458	81.165	12.813	0.62	41.79
1.91	0.26	42.76	84.05	13.35	60.782	81.323	12.871	0.70	42.76
1.92	0.26	43.73	84.31	13.44	59.118	81.477	12.930	0.73	43.73
1.93	0.26	44.69	84.57	13.54	57.478	81.626	12.988	0.76	44.69
1.94	0.25	45.65	84.82	13.63	55.871	81.766	13.044	0.76	45.65
1.95	0.25	46.61	85.07	13.73	54.309	81.902	13.099	0.79	46.61
1.96	0.25	46.77	85.32	13.83	52.802	82.034	13.153	0.82	46.77
1.97	0.25	46.94	85.57	13.92	51.362	82.162	13.206	0.84	46.94
1.98	0.24	47.11	85.81	14.02	50.000	82.282	13.256	0.83	47.11
1.99	0.24	47.28	86.05	14.11	48.690	82.399	13.304	0.85	47.28
2.00	0.24	47.44	86.29	14.20	47.399	82.513	13.351	0.87	47.44
2.01	0.24	47.70	86.53	14.29	46.130	82.624	13.397	0.89	47.70
2.02	0.24	47.97	86.77	14.39	44.882	82.731	13.442	0.91	47.97
2.03	0.24	48.23	87.01	14.48	43.657	82.836	13.486	0.93	48.23
2.04	0.23	48.49	87.24	14.57	42.455	82.934	13.527	0.91	48.49
2.05	0.21	48.75	87.45	14.65	41.278	83.020	13.564	0.85	48.75
2.06	0.20	49.23	87.65	14.73	40.126	83.101	13.598	0.83	49.23
2.07	0.18	49.72	87.83	14.80	39.001	83.171	13.629	0.76	49.72
2.08	0.15	50.20	87.98	14.86	37.902	83.228	13.654	0.64	50.20
2.09	0.12	50.68	88.10	14.91	36.832	83.272	13.674	0.52	50.68
2.10	0.09	51.15	88.19	14.95	35.790	83.304	13.688	0.40	51.15
2.11	0.01	51.59	88.20	14.95	34.778	83.308	13.690	0.05	51.59
2.12	0.01	52.02	88.21	14.96	33.797	83.311	13.691	0.05	52.02
2.13	0.0	52.45	88.21	14.96	32.847	83.311	13.691	0.0	52.45
2.14	0.0	52.88	88.21	14.96	31.930	83.311	13.691	0.0	52.88
2.15	0.0	53.31	88.21	14.96	31.046	83.311	13.691	0.0	53.31
2.16	0.13	53.31	88.34	15.01	30.196	83.350	13.710	0.63	53.31
2.17	0.13	53.31	88.47	15.07	29.381	83.388	13.728	0.63	53.31
2.18	0.13	53.31	88.60	15.13	28.602	83.426	13.746	0.64	53.31
2.19	0.13	53.31	88.73	15.18	27.860	83.462	13.763	0.65	53.31
2.20	0.13	53.31	88.86	15.24	27.156	83.497	13.780	0.65	53.31
2.21	0.13	53.31	88.99	15.29	26.490	83.532	13.796	0.66	53.31
2.22	0.13	53.31	89.12	15.35	25.863	83.565	13.812	0.67	53.31
2.23	0.12	53.31	89.24	15.40	25.278	83.596	13.826	0.62	53.31
2.24	0.12	53.31	89.36	15.45	24.464	83.625	13.840	0.63	53.31
2.25	0.12	53.31	89.48	15.50	23.945	83.654	13.854	0.63	53.31
2.26	0.01	53.48	89.49	15.51	23.446	83.656	13.855	0.05	53.48
2.27	0.01	53.65	89.50	15.51	22.966	83.658	13.856	0.05	53.65
2.28	0.01	53.82	89.51	15.52	22.507	83.661	13.857	0.05	53.82
2.29	0.01	53.99	89.52	15.52	22.070	83.663	13.858	0.05	53.99
2.30	0.01	54.16	89.53	15.52	21.657	83.665	13.859	0.05	54.16
2.31	0.47	54.16	90.00	15.73	21.267	83.768	13.907	2.56	54.16
2.32	0.47	54.16	90.47	15.93	20.903	83.863	13.954	2.57	54.16
2.33	0.47	54.16	90.94	16.12	20.565	83.960	14.000	2.58	54.16
2.34	0.47	54.16	91.41	16.32	20.255	84.055	14.046	2.59	54.16

2.35	0.46	54.16	91.87	16.51	19.973	84.147	14.090	2.54	54.16
2.36	0.46	54.16	92.33	16.70	19.729	84.238	14.133	2.55	54.16
2.37	0.46	54.16	92.79	16.88	19.458	84.327	14.175	2.56	54.16
2.38	0.46	54.16	93.25	17.06	19.186	84.415	14.217	2.57	54.16
2.39	0.46	54.17	93.71	17.25	18.914	84.502	14.258	2.58	54.17
2.40	0.46	54.17	94.17	17.43	18.643	84.588	14.299	2.59	54.17
2.41	0.45	54.17	94.62	17.60	18.373	84.671	14.338	2.54	54.17
2.42	0.45	54.17	95.07	17.78	18.104	84.752	14.376	2.55	54.17
2.43	0.45	54.17	95.52	17.95	17.837	84.833	14.414	2.56	54.17
2.44	0.45	54.17	95.97	18.12	17.573	84.912	14.451	2.56	54.17
2.45	0.45	54.17	96.42	18.28	17.311	84.989	14.487	2.57	54.17
2.46	0.24	57.04	96.66	18.38	17.052	85.030	14.508	1.38	57.04
2.47	0.24	59.89	96.90	18.48	16.797	85.071	14.529	1.38	59.89
2.48	0.24	62.74	97.14	18.59	16.545	85.110	14.552	1.38	62.74
2.49	0.24	65.57	97.38	18.71	16.299	85.150	14.575	1.39	65.57
2.50	0.24	68.39	97.62	18.83	16.057	85.188	14.599	1.39	68.39
2.51	0.24	71.20	97.86	18.96	15.821	85.226	14.625	1.40	71.20
2.52	0.24	74.00	98.10	19.09	15.590	85.263	14.651	1.40	74.00
2.53	0.23	76.79	98.33	19.23	15.366	85.299	14.676	1.35	76.79
2.54	0.23	79.56	98.56	19.37	15.148	85.334	14.703	1.35	79.56
2.55	0.23	82.33	98.79	19.52	14.938	85.368	14.730	1.35	82.33
2.56	0.23	85.09	99.02	19.67	14.791	85.402	14.758	1.35	85.09
2.57	0.23	87.83	99.25	19.83	14.581	85.436	14.787	1.36	87.83
2.58	0.23	90.56	99.48	19.99	14.370	85.469	14.816	1.36	90.56
2.59	0.23	93.29	99.71	20.16	14.160	85.501	14.846	1.36	93.29
2.60	0.23	96.00	99.94	20.33	13.949	85.533	14.876	1.37	96.00

HEAD ASH %	20.33	CLEAN COAL ASH %	14.88	REFUSE ASH %	52.60
THEO. YIELD	88.01	CLEAN COAL YIELD%	85.53	REFUSE YIELD%	14.47
SG OF SEPARATION	2.083	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	2.762	IMPERFECTION	0.212		
ORGANIC EFFCY.	97.18				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 36 WID: WA1 EQUIPE JIG SG-ASH -0.00 EP 0.0 SG ****

----------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 83.26 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.09	0.05	0.09	0.05	100.000	0.090	0.050	0.0	0.05
1.25	0.09	0.08	0.18	0.06	100.000	0.180	0.065	0.0	0.08
1.26	0.09	0.12	0.27	0.08	100.000	0.270	0.083	0.0	0.12
1.27	0.08	0.16	0.36	0.10	100.000	0.360	0.103	0.0	0.16
1.28	0.09	0.19	0.45	0.12	100.000	0.450	0.120	0.0	0.19
1.29	0.09	0.23	0.54	0.14	100.000	0.540	0.138	0.0	0.23
1.30	0.08	0.26	0.62	0.15	100.000	0.620	0.154	0.0	0.26
1.31	0.08	0.30	0.70	0.17	100.000	0.700	0.171	0.0	0.30
1.32	0.08	0.54	0.78	0.21	100.000	0.780	0.209	0.0	0.54
1.33	0.08	0.99	0.86	0.28	100.000	0.860	0.281	0.0	0.99
1.34	0.08	1.43	0.94	0.38	100.000	0.940	0.378	0.0	1.43
1.35	0.08	1.88	1.02	0.50	100.000	1.020	0.497	0.0	1.88
1.36	0.08	2.31	1.10	0.63	100.000	1.100	0.629	0.0	2.31
1.37	0.08	2.75	1.18	0.77	100.000	1.180	0.772	0.0	2.75
1.38	0.08	3.18	1.26	0.93	100.000	1.260	0.925	0.0	3.18
1.39	0.08	3.61	1.34	1.09	100.000	1.340	1.086	0.0	3.61
1.40	0.08	4.03	1.42	1.25	100.000	1.420	1.251	0.0	4.03
1.41	1.19	4.24	2.61	2.61	99.950	2.609	2.614	0.00	4.24
1.42	1.22	4.45	3.83	3.20	99.887	3.828	3.198	0.00	4.45
1.43	1.25	4.66	5.08	3.56	99.810	5.076	3.558	0.01	4.66
1.44	1.29	4.86	6.37	3.82	99.722	6.362	3.821	0.01	4.86
1.45	1.33	5.07	7.70	4.04	99.623	7.687	4.036	0.02	5.07
1.46	1.37	6.16	9.07	4.36	99.513	9.050	4.356	0.02	6.16
1.47	1.41	7.24	10.48	4.75	99.394	10.452	4.743	0.03	7.24
1.48	1.45	8.32	11.93	5.18	99.265	11.891	5.176	0.04	8.32
1.49	1.49	9.39	13.42	5.65	99.129	13.368	5.641	0.05	9.39
1.50	1.54	10.45	14.96	6.14	98.985	14.893	6.134	0.05	10.45
1.51	1.56	11.10	16.52	6.61	98.838	16.434	6.600	0.06	11.10
1.52	1.56	11.74	18.08	7.05	98.636	17.973	7.040	0.07	11.74
1.53	1.56	12.38	19.64	7.48	98.409	19.508	7.460	0.09	12.38
1.54	1.57	13.02	21.21	7.89	98.159	21.049	7.867	0.10	13.02
1.55	1.57	13.65	22.78	8.28	97.708	22.583	8.260	0.13	13.65
1.56	1.57	15.22	24.35	8.73	97.373	24.112	8.701	0.14	15.22
1.57	1.56	16.78	25.91	9.22	97.001	25.625	9.178	0.16	16.78
1.58	1.56	18.32	27.47	9.73	96.596	27.132	9.686	0.19	18.32
1.59	1.56	19.86	29.03	10.28	96.164	28.632	10.219	0.21	19.86
1.60	1.56	21.39	30.59	10.84	95.711	30.126	10.773	0.23	21.39
1.61	1.56	22.53	32.15	11.41	95.240	31.611	11.325	0.26	22.53
1.62	1.57	23.65	33.72	11.98	94.758	33.099	11.879	0.29	23.65
1.63	1.57	24.77	35.29	12.55	94.486	34.582	12.432	0.30	24.77
1.64	1.57	25.89	36.86	13.12	93.912	36.057	12.982	0.33	25.89
1.65	1.57	26.99	38.43	13.68	93.278	37.521	13.529	0.37	26.99
1.66	1.56	27.90	39.99	14.24	92.586	38.966	14.062	0.41	27.90
1.67	1.55	28.80	41.54	14.78	91.837	40.389	14.581	0.44	28.80
1.68	1.54	29.70	43.08	15.32	91.034	41.791	15.088	0.48	29.70
1.69	1.52	30.58	44.60	15.84	90.178	43.162	15.580	0.52	30.58
1.70	1.51	31.47	46.11	16.35	89.079	44.507	16.061	0.58	31.47
1.71	1.41	32.17	47.52	16.82	88.106	45.749	16.498	0.59	32.17
1.72	1.25	32.87	48.77	17.23	87.084	46.838	16.879	0.57	32.87

1.73	1.12	33.56	49.89	17.60	86.015	47.801	17.215	0.55	33.56
1.74	1.02	34.25	50.91	17.93	84.903	48.667	17.518	0.54	34.25
1.75	0.95	34.93	51.86	18.24	83.752	49.463	17.798	0.54	34.93
1.76	0.91	35.53	52.77	18.54	82.565	50.214	18.063	0.56	35.53
1.77	0.90	36.12	53.67	18.83	81.345	50.946	18.323	0.59	36.12
1.78	0.92	36.71	54.59	19.13	80.095	51.683	18.585	0.64	36.71
1.79	0.97	37.30	55.56	19.45	78.819	52.448	18.858	0.72	37.30
1.80	1.05	37.88	56.61	19.79	77.520	53.262	19.149	0.83	37.88
1.81	1.11	38.39	57.72	20.15	76.201	54.107	19.449	0.93	38.39
1.82	1.14	38.89	58.86	20.51	74.866	54.961	19.751	1.00	38.89
1.83	1.16	39.38	60.02	20.88	73.518	55.815	20.052	1.07	39.38
1.84	1.17	39.88	61.19	21.24	72.161	56.659	20.347	1.14	39.88
1.85	1.17	40.37	62.36	21.60	70.640	57.486	20.635	1.20	40.37
1.86	1.16	41.01	63.52	21.96	69.067	58.287	20.915	1.26	41.01
1.87	1.15	41.64	64.67	22.31	67.451	59.062	21.187	1.31	41.64
1.88	1.12	42.27	65.79	22.65	65.803	59.799	21.447	1.34	42.27
1.89	1.09	42.90	66.88	22.98	64.136	60.498	21.695	1.37	42.90
1.90	1.05	43.53	67.93	23.29	62.458	61.154	21.929	1.38	43.53
1.91	0.99	43.93	68.92	23.59	60.782	61.756	22.143	1.36	43.93
1.92	0.92	44.32	69.84	23.86	59.118	62.300	22.337	1.32	44.32
1.93	0.86	44.72	70.70	24.12	57.478	62.794	22.513	1.28	44.72
1.94	0.80	45.11	71.50	24.35	55.871	63.241	22.673	1.24	45.11
1.95	0.76	45.50	72.26	24.57	54.309	63.654	22.821	1.22	45.50
1.96	0.71	46.55	72.97	24.79	52.802	64.029	22.960	1.17	46.55
1.97	0.68	47.59	73.65	25.00	51.362	64.378	23.093	1.16	47.59
1.98	0.65	48.63	74.30	25.20	50.000	64.703	23.222	1.14	48.63
1.99	0.63	49.66	74.93	25.41	48.690	65.010	23.347	1.13	49.66
2.00	0.62	50.69	75.55	25.62	47.399	65.304	23.470	1.14	50.69
2.01	0.61	51.73	76.16	25.83	46.130	65.585	23.591	1.15	51.73
2.02	0.60	52.77	76.76	26.04	44.882	65.854	23.710	1.16	52.77
2.03	0.59	53.78	77.35	26.25	43.657	66.112	23.827	1.16	53.78
2.04	0.58	54.73	77.93	26.46	42.455	66.358	23.942	1.17	54.73
2.05	0.56	55.60	78.49	26.67	41.278	66.589	24.052	1.15	55.60
2.06	0.54	56.41	79.03	26.87	40.126	66.806	24.157	1.13	56.41
2.07	0.52	57.21	79.55	27.07	39.001	67.009	24.257	1.11	57.21
2.08	0.49	57.98	80.04	27.26	37.902	67.195	24.350	1.07	57.98
2.09	0.47	58.73	80.51	27.44	36.832	67.368	24.438	1.04	58.73
2.10	0.44	59.45	80.95	27.62	35.790	67.525	24.520	0.99	59.45
2.11	0.42	60.19	81.37	27.79	34.778	67.671	24.597	0.96	60.19
2.12	0.40	60.92	81.77	27.95	33.797	67.806	24.670	0.93	60.92
2.13	0.38	61.65	82.15	28.10	32.847	67.931	24.737	0.89	61.65
2.14	0.37	62.38	82.52	28.26	31.930	68.049	24.803	0.88	62.38
2.15	0.35	63.10	82.87	28.40	31.046	68.158	24.864	0.85	63.10
2.16	0.34	63.26	83.21	28.55	30.196	68.261	24.922	0.83	63.26
2.17	0.32	63.42	83.53	28.68	29.381	68.355	24.975	0.79	63.42
2.18	0.31	63.58	83.84	28.81	28.602	68.443	25.025	0.78	63.58
2.19	0.30	63.74	84.14	28.93	27.860	68.527	25.072	0.76	63.74
2.20	0.29	63.90	84.43	29.05	27.156	68.606	25.116	0.74	63.90
2.21	0.26	63.92	84.69	29.16	26.490	68.675	25.155	0.67	63.92
2.22	0.21	63.95	84.90	29.25	25.863	68.729	25.186	0.55	63.95
2.23	0.18	63.98	85.08	29.32	25.278	68.774	25.212	0.47	63.98
2.24	0.16	64.00	85.24	29.39	24.464	68.814	25.234	0.42	64.00
2.25	0.15	64.03	85.39	29.45	23.945	68.849	25.254	0.40	64.03
2.26	0.15	64.62	85.54	29.51	23.446	68.885	25.274	0.40	64.62
2.27	0.16	65.20	85.70	29.57	22.966	68.921	25.295	0.43	65.20
2.28	0.18	65.79	85.88	29.65	22.507	68.962	25.319	0.49	65.79
2.29	0.22	66.37	86.10	29.74	22.070	69.010	25.348	0.60	66.37
2.30	0.26	66.95	86.36	29.86	21.657	69.067	25.382	0.71	66.95
2.31	0.48	67.15	86.64	30.06	21.267	69.169	25.444	1.32	67.15
2.32	0.48	67.35	87.32	30.27	20.903	69.269	25.504	1.33	67.35
2.33	0.48	67.55	87.80	30.47	20.565	69.368	25.564	1	67.55
2.34	0.48	67.74	88.28	30.67	20.255	69.465	25.623	1.4	67.74

2.35	0.48	67.94	88.76	30.88	19.973	69.561	25.681	1.35	67.94
2.36	0.47	68.13	89.23	31.07	19.729	69.654	25.738	1.32	68.13
2.37	0.47	68.33	89.70	31.27	19.458	69.745	25.794	1.33	68.33
2.38	0.47	68.52	90.17	31.46	19.186	69.835	25.849	1.33	68.52
2.39	0.47	68.71	90.64	31.65	18.914	69.924	25.904	1.33	68.71
2.40	0.47	68.91	91.11	31.85	18.643	70.012	25.957	1.34	68.91
2.41	0.46	69.10	91.57	32.03	18.373	70.096	26.009	1.31	69.10
2.42	0.46	69.29	92.03	32.22	18.104	70.180	26.061	1.32	69.29
2.43	0.46	69.48	92.49	32.41	17.837	70.262	26.111	1.32	69.48
2.44	0.46	69.67	92.95	32.59	17.573	70.343	26.162	1.33	69.67
2.45	0.46	69.86	93.41	32.77	17.311	70.422	26.211	1.33	69.86
2.46	0.45	71.65	93.86	32.96	17.052	70.499	26.260	1.31	71.65
2.47	0.45	73.43	94.31	33.15	16.797	70.575	26.311	1.31	73.43
2.48	0.45	75.21	94.76	33.35	16.545	70.649	26.362	1.32	75.21
2.49	0.45	76.98	95.21	33.56	16.299	70.722	26.415	1.32	76.98
2.50	0.45	78.74	95.66	33.77	16.057	70.795	26.468	1.32	78.74
2.51	0.44	80.50	96.10	33.99	15.821	70.864	26.521	1.30	80.50
2.52	0.44	82.25	96.54	34.21	15.590	70.933	26.575	1.30	82.25
2.53	0.44	83.99	96.98	34.43	15.366	71.000	26.630	1.30	83.99
2.54	0.44	85.73	97.42	34.66	15.148	71.067	26.685	1.31	85.73
2.55	0.44	87.46	97.86	34.90	14.938	71.133	26.742	1.31	87.46
2.56	0.44	89.18	98.30	35.14	14.791	71.198	26.799	1.31	89.18
2.57	0.43	90.89	98.73	35.39	14.581	71.261	26.855	1.29	90.89
2.58	0.43	92.60	99.16	35.63	14.370	71.322	26.912	1.29	92.60
2.59	0.43	94.30	99.59	35.89	14.160	71.383	26.969	1.29	94.30
2.60	0.43	96.00	100.02	36.15	13.949	71.443	27.027	1.30	96.00

HEAD ASH %	36.15	CLEAN COAL ASH %	27.03	REFUSE ASH %	58.96		
THEO. YIELD	79.44	CLEAN COAL YIELD%	71.44	REFUSE YIELD%	28.56		
SG OF SEPARATION	2.068	ECART PROB. MOYEN	0.2076				
NEAR GRAVITY MAT	9.958	IMPERFECTION	0.212				
ORGANIC EFFCY.	89.94						

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 37 WID: WA1 EQUIPE JIG SG-ASH ***** EP 0.0 SG ****

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FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 69.34 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.15	0.01	0.15	0.01	100.000	0.150	0.010	0.0	0.01
1.25	0.16	0.01	0.31	0.01	100.000	0.310	0.010	0.0	0.01
1.26	0.18	0.01	0.49	0.01	100.000	0.490	0.010	0.0	0.01
1.27	0.20	0.01	0.69	0.01	100.000	0.690	0.010	0.0	0.01
1.28	0.22	0.01	0.91	0.01	100.000	0.910	0.010	0.0	0.01
1.29	0.24	0.01	1.15	0.01	100.000	1.150	0.010	0.0	0.01
1.30	0.26	0.01	1.41	0.01	100.000	1.410	0.010	0.0	0.01
1.31	0.28	0.01	1.69	0.01	100.000	1.690	0.010	0.0	0.01
1.32	0.25	0.26	1.94	0.04	100.000	1.940	0.042	0.0	0.26
1.33	0.26	0.76	2.20	0.13	100.000	2.200	0.127	0.0	0.76
1.34	0.28	1.26	2.48	0.25	100.000	2.480	0.255	0.0	1.26
1.35	0.30	1.75	2.78	0.42	100.000	2.780	0.416	0.0	1.75
1.36	0.32	2.24	3.10	0.60	100.000	3.100	0.605	0.0	2.24
1.37	0.34	2.72	3.44	0.81	100.000	3.440	0.814	0.0	2.72
1.38	0.36	3.20	3.80	1.04	100.000	3.800	1.040	0.0	3.20
1.39	0.38	3.68	4.18	1.28	100.000	4.180	1.280	0.0	3.68
1.40	0.41	4.15	4.59	1.54	100.000	4.590	1.536	0.0	4.15
1.41	0.51	4.15	5.10	1.80	99.950	5.100	1.797	0.00	4.15
1.42	0.54	4.15	5.64	2.02	99.887	5.639	2.022	0.00	4.15
1.43	0.57	4.16	6.21	2.22	99.810	6.208	2.218	0.00	4.16
1.44	0.59	4.16	6.80	2.39	99.722	6.796	2.386	0.00	4.16
1.45	0.62	4.16	7.42	2.54	99.623	7.414	2.534	0.00	4.16
1.46	0.54	5.90	7.96	2.76	99.513	7.951	2.762	0.01	5.90
1.47	0.56	7.62	8.52	3.08	99.394	8.508	3.079	0.01	7.62
1.48	0.58	9.34	9.10	3.48	99.265	9.084	3.476	0.01	9.34
1.49	0.60	11.04	9.70	3.95	99.129	9.679	3.941	0.01	11.04
1.50	0.62	12.74	10.32	4.48	98.985	10.292	4.466	0.01	12.74
1.51	0.70	13.97	11.02	5.08	98.835	10.984	5.064	0.02	13.97
1.52	0.72	15.20	11.74	5.70	98.636	11.694	5.680	0.02	15.20
1.53	0.74	16.42	12.48	6.34	98.409	12.423	6.310	0.02	16.42
1.54	0.76	17.64	13.24	6.99	98.159	13.169	6.951	0.03	17.64
1.55	0.77	18.84	14.01	7.64	97.708	13.921	7.594	0.04	18.84
1.56	0.79	19.62	14.80	8.28	97.373	14.690	8.224	0.04	19.62
1.57	0.80	20.40	15.60	8.90	97.001	15.466	8.835	0.05	20.40
1.58	0.82	21.17	16.42	9.51	96.596	16.258	9.436	0.06	21.17
1.59	0.83	21.93	17.25	10.11	96.164	17.056	10.020	0.06	21.93
1.60	0.84	22.69	18.09	10.69	95.711	17.860	10.591	0.07	22.69
1.61	0.91	23.34	19.00	11.30	95.240	18.727	11.181	0.09	23.34
1.62	1.00	23.97	20.00	11.93	94.758	19.675	11.797	0.10	23.97
1.63	1.07	24.61	21.07	12.58	94.486	20.686	12.423	0.12	24.61
1.64	1.11	25.23	22.18	13.21	93.912	21.728	13.037	0.13	25.23
1.65	1.12	25.86	23.30	13.82	93.278	22.773	13.626	0.15	25.86
1.66	1.11	26.65	24.41	14.40	92.586	23.800	14.188	0.16	26.65
1.67	1.06	27.43	25.47	14.94	91.837	24.774	14.708	0.17	27.43
1.68	0.99	28.21	26.46	15.44	91.034	25.675	15.182	0.18	28.21
1.69	0.89	28.98	27.35	15.88	90.178	26.478	15.600	0.17	28.98
1.70	0.76	29.75	28.11	16.26	89.079	27.155	15.953	0.17	29.75
1.71	.66	30.39	28.77	16.58	88.106	27.736	16.256	16	30.39
1.72	.61	31.03	29.38	16.88	87.084	28.267	16.533	16	31.03

1.73	[illegible]58	31.66	29.96	17.17	86.015	28.766	16.796	[illegible]16	31.66
1.74	0.55	32.29	30.51	17.44	84.903	29.233	17.043	0.17	32.29
1.75	0.54	32.91	31.05	17.71	83.752	29.686	17.285	0.17	32.91
1.76	0.53	33.52	31.58	17.97	82.565	30.123	17.521	0.18	33.52
1.77	0.53	34.12	32.11	18.24	81.345	30.554	17.755	0.20	34.12
1.78	0.56	34.71	32.66	18.52	80.095	30.995	17.996	0.22	34.71
1.79	0.57	35.31	33.23	18.80	78.819	31.444	18.243	0.24	35.31
1.80	0.60	35.90	33.83	19.11	77.520	31.909	18.501	0.27	35.90
1.81	0.64	36.31	34.47	19.43	76.201	32.397	18.769	0.30	36.31
1.82	0.67	36.73	35.14	19.76	74.866	32.899	19.043	0.33	36.73
1.83	0.70	37.14	35.84	20.10	73.618	33.414	19.322	0.37	37.14
1.84	0.71	37.55	36.55	20.44	72.161	33.926	19.597	0.39	37.55
1.85	0.71	37.96	37.26	20.77	70.640	34.428	19.865	0.41	37.96
1.86	0.69	38.78	37.95	21.10	69.067	34.904	20.123	0.42	38.78
1.87	0.67	39.61	38.62	21.42	67.451	35.356	20.372	0.43	39.61
1.88	0.63	40.42	39.25	21.72	65.803	35.771	20.604	0.43	40.42
1.89	0.58	41.24	39.83	22.01	64.136	36.143	20.817	0.41	41.24
1.90	0.51	42.05	40.34	22.26	62.458	36.461	21.002	0.38	42.05
1.91	0.46	42.73	40.80	22.49	60.782	36.741	21.168	0.36	42.73
1.92	0.43	43.41	41.23	22.71	59.118	36.995	21.320	0.35	43.41
1.93	0.41	44.09	41.64	22.92	57.478	37.231	21.464	0.35	44.09
1.94	0.38	44.76	42.02	23.12	55.871	37.443	21.597	0.33	44.76
1.95	0.36	45.44	42.38	23.31	54.309	37.639	21.720	0.33	45.44
1.96	0.35	46.05	42.73	23.49	52.802	37.823	21.839	0.33	46.05
1.97	0.34	46.66	43.07	23.68	51.362	37.998	21.953	0.33	46.66
1.98	0.33	47.27	43.40	23.86	50.000	38.163	22.063	0.33	47.27
1.99	0.33	47.87	43.73	24.04	48.690	38.324	22.171	0.34	47.87
2.00	0.33	48.47	44.06	24.22	47.399	38.480	22.278	0.35	48.47
2.01	0.33	48.93	44.39	24.40	46.130	38.632	22.383	0.35	48.93
2.02	0.32	49.39	44.71	24.58	44.882	38.776	22.483	0.35	49.39
2.03	0.32	49.85	45.03	24.76	43.657	38.916	22.581	0.36	49.85
2.04	0.31	50.31	45.34	24.94	42.455	39.047	22.675	0.35	50.31
2.05	0.31	50.76	45.65	25.11	41.278	39.175	22.766	0.36	50.76
2.06	0.32	51.35	45.97	25.29	40.126	39.304	22.860	0.38	51.35
2.07	0.32	51.94	46.29	25.48	39.001	39.428	22.952	0.39	51.94
2.08	0.33	52.52	46.62	25.67	37.902	39.554	23.045	0.41	52.52
2.09	0.33	53.10	46.95	25.86	36.832	39.675	23.137	0.41	53.10
2.10	0.35	53.68	47.30	26.07	35.790	39.800	23.233	0.45	53.68
2.11	0.36	54.07	47.66	26.28	34.778	39.926	23.330	0.47	54.07
2.12	0.36	54.46	48.02	26.49	33.797	40.047	23.425	0.47	54.46
2.13	0.37	54.85	48.39	26.71	32.847	40.169	23.520	0.49	54.85
2.14	0.37	55.24	48.76	26.93	31.930	40.287	23.613	0.50	55.24
2.15	0.38	55.63	49.14	27.15	31.046	40.405	23.706	0.52	55.63
2.16	0.38	56.22	49.52	27.37	30.196	40.520	23.798	0.53	56.22
2.17	0.38	56.80	49.90	27.59	29.381	40.631	23.889	0.53	56.80
2.18	0.38	57.38	50.28	27.82	28.602	40.740	23.978	0.54	57.38
2.19	0.38	57.96	50.66	28.05	27.860	40.846	24.066	0.55	57.96
2.20	0.37	58.53	51.03	28.27	27.156	40.946	24.151	0.54	58.53
2.21	0.36	58.92	51.39	28.48	26.490	41.042	24.232	0.53	58.92
2.22	0.35	59.30	51.74	28.69	25.863	41.132	24.309	0.52	59.30
2.23	0.33	59.68	52.07	28.89	25.278	41.216	24.381	0.49	59.68
2.24	0.32	60.06	52.39	29.08	24.464	41.294	24.448	0.48	60.06
2.25	0.32	60.43	52.71	29.27	23.945	41.370	24.515	0.48	60.43
2.26	0.32	61.03	53.03	29.46	23.446	41.445	24.581	0.49	61.03
2.27	0.32	61.63	53.35	29.65	22.966	41.519	24.647	0.49	61.63
2.28	0.33	62.22	53.68	29.85	22.507	41.593	24.714	0.51	62.22
2.29	0.35	62.81	54.03	30.07	22.070	41.671	24.784	0.54	62.81
2.30	0.36	63.40	54.39	30.29	21.657	41.748	24.856	0.56	63.40
2.31	1.69	63.40	56.08	31.28	21.267	42.108	25.185	2.65	63.40
2.32	1.69	63.40	57.77	32.22	20.903	42.461	25.503	2.66	63.40
2.33	1.68	63.40	59.45	33.10	20.565	42.807	25.809	2.65	63.40
2.34	1.67	63.40	61.12	33.93	20.255	43.145	26.104	2.65	63.40

2.35	1.66	63.40	62.78	34.71	19.973	43.476	26.388	2.64	63.40
2.36	1.66	63.40	64.44	35.45	19.729	43.804	26.665	2.65	63.40
2.37	1.65	63.40	66.09	36.15	19.458	44.125	26.932	2.64	63.40
2.38	1.64	63.40	67.73	36.81	19.186	44.440	27.191	2.64	63.40
2.39	1.64	63.40	69.37	37.44	18.914	44.750	27.441	2.65	63.40
2.40	1.63	63.40	71.00	38.03	18.643	45.054	27.684	2.64	63.40
2.41	1.62	63.40	72.62	38.60	18.373	45.351	27.918	2.63	63.40
2.42	1.62	63.40	74.24	39.14	18.104	45.645	28.146	2.64	63.40
2.43	1.61	63.40	75.85	39.65	17.837	45.932	28.367	2.63	63.40
2.44	1.60	63.40	77.45	40.15	17.573	46.213	28.580	2.62	63.40
2.45	1.60	63.40	79.05	40.62	17.311	46.490	28.787	2.63	63.40
2.46	1.44	65.64	80.49	41.06	17.052	46.736	28.981	2.38	65.64
2.47	1.43	67.86	81.92	41.53	16.797	46.976	29.180	2.37	67.86
2.48	1.42	70.08	83.34	42.02	16.545	47.211	29.383	2.36	70.08
2.49	1.42	72.29	84.76	42.52	16.299	47.442	29.593	2.36	72.29
2.50	1.41	74.49	86.17	43.05	16.057	47.669	29.806	2.35	74.49
2.51	1.41	76.68	87.58	43.59	15.821	47.892	30.024	2.36	76.68
2.52	1.40	78.86	88.98	44.14	15.590	48.110	30.246	2.35	78.86
2.53	1.40	81.03	90.38	44.72	15.366	48.325	30.472	2.36	81.03
2.54	1.39	83.19	91.77	45.30	15.148	48.536	30.701	2.35	83.19
2.55	1.39	85.35	93.16	45.90	14.938	48.743	30.934	2.35	85.35
2.56	1.38	87.50	94.54	46.50	14.791	48.947	31.169	2.34	87.50
2.57	1.37	89.63	95.91	47.12	14.581	49.147	31.407	2.33	89.63
2.58	1.37	91.76	97.28	47.75	14.370	49.344	31.648	2.33	91.76
2.59	1.36	93.89	98.64	48.38	14.160	49.536	31.890	2.32	93.89
2.60	1.36	96.00	100.00	49.03	13.949	49.726	32.134	2.33	96.00

HEAD ASH %	49.03	CLEAN COAL ASH %	32.13	REFUSE ASH %	65.75
THEO. YIELD	57.61	CLEAN COAL YIELD%	49.73	REFUSE YIELD%	50.27
SG OF SEPARATION	2.319	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	22.380	IMPERFECTION	0.212		
ORGANIC EFFCY.	86.31				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 38 WID: WA1 EQUIPE JIG SG-ASH 0.00 EP 0.0 SG -.00

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FRACTION SIZE-(MM) 10.00 X 0.60 RELATIVE WT% - 80.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.43	0.23	0.43	0.23	100.000	0.430	0.230	0.0	0.23
1.25	0.43	0.45	0.86	0.34	100.000	0.860	0.340	0.0	0.45
1.26	0.43	0.67	1.29	0.45	100.000	1.290	0.450	0.0	0.67
1.27	0.42	0.89	1.71	0.56	100.000	1.710	0.558	0.0	0.89
1.28	0.42	1.10	2.13	0.66	100.000	2.130	0.665	0.0	1.10
1.29	0.42	1.31	2.55	0.77	100.000	2.550	0.771	0.0	1.31
1.30	0.41	1.53	2.96	0.88	100.000	2.960	0.876	0.0	1.53
1.31	0.41	1.73	3.37	0.98	100.000	3.370	0.980	0.0	1.73
1.32	0.41	2.02	3.78	1.09	100.000	3.780	1.093	0.0	2.02
1.33	0.40	2.38	4.18	1.22	100.000	4.180	1.216	0.0	2.38
1.34	0.40	2.74	4.58	1.35	100.000	4.580	1.349	0.0	2.74
1.35	0.40	3.10	4.98	1.49	100.000	4.980	1.490	0.0	3.10
1.36	0.40	3.45	5.38	1.64	100.000	5.380	1.636	0.0	3.45
1.37	0.39	3.80	5.77	1.78	100.000	5.770	1.782	0.0	3.80
1.38	0.39	4.15	6.16	1.93	100.000	6.160	1.932	0.0	4.15
1.39	0.39	4.50	6.55	2.08	100.000	6.550	2.085	0.0	4.50
1.40	0.38	4.84	6.93	2.24	100.000	6.930	2.236	0.0	4.84
1.41	2.93	5.07	9.86	3.08	99.950	9.859	3.078	0.01	5.07
1.42	3.48	5.30	13.34	3.66	99.887	13.335	3.657	0.03	5.30
1.43	3.89	5.53	17.23	4.08	99.810	17.217	4.079	0.05	5.53
1.44	4.16	5.75	21.39	4.41	99.722	21.366	4.404	0.08	5.75
1.45	4.29	5.98	25.68	4.67	99.623	25.639	4.667	0.12	5.98
1.46	4.27	6.98	29.95	5.00	99.513	29.889	4.995	0.15	6.98
1.47	4.11	7.98	34.06	5.36	99.394	33.974	5.354	0.18	7.98
1.48	3.81	8.97	37.87	5.72	99.265	37.756	5.716	0.20	8.97
1.49	3.36	9.95	41.23	6.07	99.129	41.087	6.060	0.21	9.95
1.50	2.78	10.93	44.01	6.37	98.985	43.838	6.365	0.21	10.93
1.51	2.43	11.82	46.44	6.66	98.836	46.240	6.649	0.21	11.82
1.52	2.40	12.70	48.84	6.95	98.686	48.607	6.943	0.24	12.70
1.53	2.35	13.57	51.19	7.26	98.409	50.920	7.244	0.27	13.57
1.54	2.28	14.44	53.47	7.56	98.159	53.158	7.547	0.31	14.44
1.55	2.19	15.31	55.66	7.87	97.708	55.298	7.848	0.37	15.31
1.56	2.08	16.51	57.74	8.18	97.373	57.323	8.154	0.40	16.51
1.57	1.94	17.70	59.68	8.49	97.001	59.205	8.457	0.42	17.70
1.58	1.78	18.88	61.46	8.79	96.596	60.924	8.751	0.44	18.88
1.59	1.60	20.06	63.06	9.08	96.164	62.463	9.030	0.45	20.06
1.60	1.39	21.23	64.45	9.34	95.711	63.793	9.284	0.43	21.23
1.61	1.28	22.38	65.73	9.59	95.240	65.012	9.530	0.44	22.38
1.62	1.26	23.53	66.99	9.86	94.758	66.206	9.782	0.48	23.53
1.63	1.23	24.66	68.22	10.12	94.486	67.368	10.039	0.49	24.66
1.64	1.18	25.79	69.40	10.39	93.912	68.477	10.294	0.52	25.79
1.65	1.13	26.91	70.53	10.65	93.278	69.531	10.546	0.55	26.91
1.66	1.05	27.29	71.58	10.90	92.586	70.503	10.777	0.57	27.29
1.67	0.96	27.67	72.54	11.12	91.837	71.384	10.985	0.57	27.67
1.68	0.86	28.04	73.40	11.32	91.034	72.167	11.170	0.56	28.04
1.69	0.75	28.42	74.15	11.49	90.178	72.844	11.331	0.54	28.42
1.70	0.62	28.79	74.77	11.63	89.079	73.396	11.462	0.49	28.79
1.71	0.53	29.18	75.30	11.76	88.106	73.863	11.574	0.46	29.18
1.72	0.49	29.58	75.79	11.87	87.084	74.290	11.677	0.46	29.58

1.73	0.47	29.97	76.26	11.98	86.015	74.694	11.776	0.48	29.97
1.74	0.45	30.35	76.71	12.09	84.903	75.076	11.871	0.50	30.35
1.75	0.44	30.74	77.15	12.20	83.752	75.445	11.963	0.52	30.74
1.76	0.44	31.47	77.59	12.31	82.565	75.808	12.057	0.56	31.47
1.77	0.46	32.21	78.05	12.42	81.345	76.182	12.156	0.63	32.21
1.78	0.48	32.93	78.53	12.55	80.095	76.566	12.260	0.70	32.93
1.79	0.51	33.66	79.04	12.69	78.819	76.968	12.372	0.79	33.66
1.80	0.55	34.38	79.59	12.84	77.520	77.395	12.493	0.90	34.38
1.81	0.61	34.93	80.20	13.00	76.201	77.860	12.627	1.06	34.93
1.82	0.67	35.48	80.87	13.19	74.866	78.361	12.773	1.23	35.48
1.83	0.71	36.02	81.58	13.39	73.618	78.884	12.927	1.37	36.02
1.84	0.73	36.57	82.31	13.59	72.161	79.411	13.084	1.48	36.57
1.85	0.72	37.11	83.03	13.80	70.640	79.919	13.237	1.54	37.11
1.86	0.70	37.76	83.73	14.00	69.067	80.403	13.384	1.58	37.76
1.87	0.65	38.41	84.38	14.19	67.451	80.841	13.520	1.54	38.41
1.88	0.58	39.06	84.96	14.36	65.803	81.223	13.640	1.45	39.06
1.89	0.50	39.70	85.46	14.51	64.136	81.544	13.743	1.31	39.70
1.90	0.39	40.34	85.85	14.62	62.458	81.787	13.822	1.07	40.34
1.91	0.32	40.84	86.17	14.72	60.782	81.982	13.886	0.91	40.84
1.92	0.31	41.33	86.48	14.82	59.118	82.165	13.947	0.92	41.33
1.93	0.30	41.82	86.78	14.91	57.478	82.337	14.005	0.93	41.82
1.94	0.29	42.31	87.07	15.00	55.871	82.499	14.061	0.93	42.31
1.95	0.29	42.80	87.36	15.09	54.309	82.657	14.116	0.97	42.80
1.96	0.28	43.76	87.64	15.18	52.802	82.805	14.169	0.96	43.76
1.97	0.28	44.72	87.92	15.28	51.362	82.948	14.222	0.99	44.72
1.98	0.29	45.67	88.21	15.38	50.000	83.093	14.277	1.06	45.67
1.99	0.29	46.62	88.50	15.48	48.690	83.235	14.331	1.08	46.62
2.00	0.30	47.56	88.80	15.59	47.399	83.377	14.388	1.15	47.56
2.01	0.31	48.25	89.11	15.70	46.130	83.520	14.446	1.22	48.25
2.02	0.32	48.95	89.43	15.82	44.882	83.663	14.505	1.29	48.95
2.03	0.32	49.63	89.75	15.94	43.657	83.803	14.564	1.31	49.63
2.04	0.32	50.32	90.07	16.06	42.455	83.939	14.622	1.34	50.32
2.05	0.32	51.00	90.39	16.19	41.278	84.071	14.679	1.37	51.00
2.06	0.32	51.90	90.71	16.31	40.126	84.200	14.736	1.40	51.90
2.07	0.31	52.79	91.02	16.44	39.001	84.320	14.790	1.38	52.79
2.08	0.30	53.69	91.32	16.56	37.902	84.434	14.843	1.36	53.69
2.09	0.29	54.58	91.61	16.68	36.832	84.541	14.893	1.34	54.58
2.10	0.28	55.46	91.89	16.80	35.790	84.641	14.941	1.31	55.46
2.11	0.23	56.61	92.12	16.90	34.778	84.721	14.980	1.09	56.61
2.12	0.16	57.76	92.28	16.97	33.797	84.775	15.008	0.77	57.76
2.13	0.10	58.90	92.38	17.01	32.847	84.808	15.025	0.49	58.90
2.14	0.06	60.03	92.44	17.04	31.930	84.827	15.035	0.30	60.03
2.15	0.04	61.16	92.48	17.06	31.046	84.840	15.041	0.20	61.16
2.16	0.02	61.20	92.50	17.07	30.196	84.846	15.045	0.10	61.20
2.17	0.03	61.23	92.53	17.09	29.381	84.855	15.050	0.15	61.23
2.18	0.04	61.27	92.57	17.10	28.602	84.866	15.056	0.21	61.27
2.19	0.07	61.30	92.64	17.14	27.860	84.885	15.066	0.37	61.30
2.20	0.12	61.34	92.76	17.19	27.156	84.918	15.084	0.64	61.34
2.21	0.14	61.53	92.90	17.26	26.490	84.955	15.104	0.75	61.53
2.22	0.14	61.72	93.04	17.33	25.863	84.991	15.124	0.76	61.72
2.23	0.14	61.90	93.18	17.40	25.278	85.027	15.144	0.76	61.90
2.24	0.14	62.09	93.32	17.46	24.464	85.061	15.163	0.77	62.09
2.25	0.15	62.28	93.47	17.53	23.945	85.097	15.183	0.83	62.28
2.26	0.15	62.88	93.62	17.61	23.446	85.132	15.202	0.84	62.88
2.27	0.15	63.48	93.77	17.68	22.966	85.167	15.222	0.84	63.48
2.28	0.16	64.08	93.93	17.76	22.507	85.203	15.242	0.90	64.08
2.29	0.17	64.67	94.10	17.84	22.070	85.240	15.264	0.97	64.67
2.30	0.17	65.27	94.27	17.93	21.657	85.277	15.286	0.97	65.27
2.31	0.21	65.27	94.48	18.03	21.267	85.322	15.312	1.21	65.27
2.32	0.21	65.27	94.69	18.14	20.903	85.365	15.338	1.21	65.27
2.33	.21	65.27	94.90	18.24	20.565	85.409	15.363	72	65.27
2.34	.20	65.27	95.10	18.34	20.255	85.449	15.387	16	65.27

2.35	0.20	65.27	95.30	18.44	19.973	85.489	15.410	1.17	65.27
2.36	0.20	65.27	95.50	18.54	19.729	85.529	15.433	1.17	65.27
2.37	0.20	65.27	95.70	18.64	19.458	85.567	15.456	1.17	65.27
2.38	0.20	65.27	95.90	18.73	19.186	85.606	15.478	1.18	65.27
2.39	0.20	65.27	96.10	18.83	18.914	85.644	15.500	1.18	65.27
2.40	0.20	65.27	96.30	18.93	18.643	85.681	15.522	1.19	65.27
2.41	0.20	65.27	96.50	19.02	18.373	85.718	15.543	1.19	65.27
2.42	0.20	65.27	96.70	19.12	18.104	85.754	15.564	1.19	65.27
2.43	0.20	65.27	96.90	19.21	17.837	85.790	15.585	1.20	65.27
2.44	0.20	65.27	97.10	19.31	17.573	85.825	15.605	1.20	65.27
2.45	0.20	65.27	97.30	19.40	17.311	85.859	15.625	1.21	65.27
2.46	0.19	67.37	97.49	19.50	17.052	85.892	15.644	1.15	67.37
2.47	0.19	69.47	97.68	19.59	16.797	85.924	15.664	1.15	69.47
2.48	0.19	71.56	97.87	19.70	16.545	85.955	15.685	1.16	71.56
2.49	0.18	73.64	98.05	19.79	16.299	85.984	15.705	1.10	73.64
2.50	0.18	75.72	98.23	19.90	16.057	86.013	15.725	1.10	75.72
2.51	0.18	77.78	98.41	20.00	15.821	86.042	15.745	1.10	77.78
2.52	0.18	79.84	98.59	20.11	15.590	86.070	15.766	1.11	79.84
2.53	0.18	81.88	98.77	20.22	15.366	86.098	15.787	1.11	81.88
2.54	0.18	83.93	98.95	20.34	15.148	86.125	15.809	1.11	83.93
2.55	0.18	85.96	99.13	20.46	14.938	86.152	15.831	1.12	85.96
2.56	0.18	87.98	99.31	20.58	14.791	86.178	15.853	1.12	87.98
2.57	0.18	90.00	99.49	20.71	14.581	86.205	15.876	1.12	90.00
2.58	0.18	92.01	99.67	20.84	14.370	86.230	15.899	1.12	92.01
2.59	0.18	94.01	99.85	20.97	14.160	86.256	15.922	1.13	94.01
2.60	0.18	96.00	100.03	21.10	13.949	86.281	15.945	1.13	96.00

HEAD ASH %	21.10	CLEAN COAL ASH %	15.94	REFUSE ASH %	53.55
THEO. YIELD	89.76	CLEAN COAL YIELD%	86.28	REFUSE YIELD%	13.72
SG OF SEPARATION	2.030	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	5.594	IMPERFECTION	0.212		
ORGANIC EFFCY.	96.13				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN SS DDH82007 SID: 47 WID: WA1 EQUIPE JIG SG-ASH ***** EP 0.0 SG 0.00
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 89.28 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.96	0.47	0.96	0.47	100.000	0.960	0.470	0.0	0.47
1.25	0.95	0.93	1.91	0.70	100.000	1.910	0.699	0.0	0.93
1.26	0.95	1.38	2.86	0.93	100.000	2.860	0.925	0.0	1.38
1.27	0.94	1.83	3.80	1.15	100.000	3.800	1.149	0.0	1.83
1.28	0.93	2.28	4.73	1.37	100.000	4.730	1.371	0.0	2.28
1.29	0.92	2.72	5.65	1.59	100.000	5.650	1.591	0.0	2.72
1.30	0.92	3.16	6.57	1.81	100.000	6.570	1.811	0.0	3.16
1.31	0.91	3.60	7.48	2.03	100.000	7.480	2.028	0.0	3.60
1.32	0.90	4.03	8.38	2.24	100.000	8.380	2.243	0.0	4.03
1.33	0.90	4.46	9.28	2.46	100.000	9.280	2.458	0.0	4.46
1.34	0.89	4.89	10.17	2.67	100.000	10.170	2.671	0.0	4.89
1.35	0.88	5.31	11.05	2.88	100.000	11.050	2.881	0.0	5.31
1.36	0.88	5.73	11.93	3.09	100.000	11.930	3.091	0.0	5.73
1.37	0.87	6.20	12.80	3.30	100.000	12.800	3.303	0.0	6.20
1.38	0.86	6.70	13.66	3.52	100.000	13.660	3.517	0.0	6.70
1.39	0.86	7.20	14.52	3.73	100.000	14.520	3.735	0.0	7.20
1.40	0.85	7.70	15.37	3.95	100.000	15.370	3.954	0.0	7.70
1.41	0.85	8.20	16.22	4.18	99.950	16.220	4.176	0.00	8.20
1.42	0.84	8.69	17.06	4.40	99.887	17.059	4.398	0.00	8.69
1.43	0.83	9.18	17.89	4.62	99.810	17.887	4.620	0.01	9.18
1.44	0.83	9.66	18.72	4.84	99.722	18.715	4.843	0.01	9.66
1.45	0.82	10.14	19.54	5.07	99.623	19.532	5.064	0.01	10.14
1.46	0.82	10.62	20.36	5.29	99.513	20.348	5.287	0.02	10.62
1.47	0.81	11.09	21.17	5.51	99.394	21.153	5.508	0.02	11.09
1.48	0.81	11.56	21.98	5.73	99.265	21.957	5.730	0.03	11.56
1.49	0.80	12.03	22.78	5.96	99.129	22.750	5.949	0.03	12.03
1.50	0.79	12.49	23.57	6.17	98.985	23.532	6.167	0.04	12.49
1.51	2.42	12.73	25.99	6.79	98.835	25.924	6.772	0.13	12.73
1.52	2.96	12.96	28.95	7.42	98.636	28.843	7.399	0.19	12.96
1.53	3.36	13.18	32.31	8.02	98.409	32.150	7.993	0.25	13.18
1.54	3.61	13.41	35.92	8.56	98.159	35.693	8.531	0.31	13.41
1.55	3.72	13.64	39.64	9.03	97.708	39.328	9.003	0.40	13.64
1.56	3.69	14.85	43.33	9.53	97.373	42.921	9.493	0.45	14.85
1.57	3.51	16.05	46.84	10.02	97.001	46.326	9.974	0.49	16.05
1.58	3.18	17.24	50.02	10.48	96.596	49.398	10.426	0.51	17.24
1.59	2.71	18.43	52.73	10.89	96.164	52.004	10.827	0.49	18.43
1.60	2.10	19.61	54.83	11.22	95.711	54.014	11.154	0.42	19.61
1.61	1.73	20.89	56.56	11.52	95.240	55.661	11.442	0.39	20.89
1.62	1.67	22.16	58.23	11.82	94.758	57.244	11.739	0.41	22.16
1.63	1.60	23.43	59.83	12.13	94.486	58.755	12.040	0.41	23.43
1.64	1.51	24.68	61.34	12.44	93.912	60.174	12.337	0.43	24.68
1.65	1.40	25.93	62.74	12.74	93.278	61.479	12.626	0.44	25.93
1.66	1.27	26.44	64.01	13.01	92.586	62.655	12.885	0.44	26.44
1.67	1.12	26.95	65.13	13.25	91.837	63.684	13.113	0.43	26.95
1.68	0.95	27.45	66.08	13.46	91.034	64.549	13.305	0.40	27.45
1.69	0.77	27.95	66.85	13.62	90.178	65.243	13.460	0.35	27.95
1.70	0.57	28.45	67.42	13.75	89.079	65.751	13.576	0.29	28.45
1.71	.46	29.03	67.88	13.85	88.106	66.156	13.671	6	29.03
1.72	.46	29.60	68.34	13.96	87.084	66.557	13.767	8	29.60

1.73	0.46	30.18	68.80	14.07	86.015	66.952	13.864	0.30	30.18
1.74	0.46	30.74	69.26	14.18	84.903	67.343	13.962	0.33	30.74
1.75	0.46	31.31	69.72	14.29	83.752	67.728	14.060	0.35	31.31
1.76	0.46	32.03	70.16	14.41	82.565	68.108	14.161	0.38	32.03
1.77	0.46	32.75	70.64	14.53	81.345	68.482	14.262	0.40	32.75
1.78	0.46	33.46	71.10	14.65	80.095	68.851	14.365	0.43	33.46
1.79	0.46	34.17	71.56	14.78	78.819	69.213	14.469	0.46	34.17
1.80	0.46	34.88	72.02	14.90	77.520	69.570	14.573	0.48	34.88
1.81	0.46	35.38	72.48	15.03	76.201	69.920	14.678	0.51	35.38
1.82	0.46	35.88	72.94	15.16	74.866	70.265	14.781	0.54	35.88
1.83	0.46	36.38	73.40	15.30	73.618	70.603	14.885	0.57	36.38
1.84	0.46	36.88	73.86	15.43	72.161	70.935	14.988	0.60	36.88
1.85	0.46	37.37	74.32	15.57	70.640	71.260	15.090	0.63	37.37
1.86	0.46	38.11	74.78	15.71	69.067	71.578	15.192	0.67	38.11
1.87	0.46	38.85	75.24	15.85	67.451	71.888	15.294	0.70	38.85
1.88	0.46	39.59	75.70	15.99	65.803	72.191	15.396	0.74	39.59
1.89	0.45	40.32	76.15	16.14	64.136	72.479	15.495	0.76	40.32
1.90	0.45	41.05	76.60	16.28	62.458	72.761	15.594	0.79	41.05
1.91	0.41	41.60	77.01	16.42	60.782	73.010	15.683	0.75	41.60
1.92	0.33	42.15	77.34	16.53	59.118	73.205	15.753	0.63	42.15
1.93	0.27	42.69	77.61	16.62	57.478	73.360	15.810	0.54	42.69
1.94	0.22	43.23	77.83	16.69	55.871	73.483	15.856	0.45	43.23
1.95	0.19	43.76	78.02	16.76	54.309	73.586	15.895	0.41	43.76
1.96	0.17	44.71	78.19	16.82	52.802	73.676	15.931	0.38	44.71
1.97	0.16	45.65	78.35	16.88	51.362	73.758	15.964	0.36	45.65
1.98	0.17	46.58	78.52	16.94	50.000	73.843	15.999	0.40	46.58
1.99	0.20	47.51	78.72	17.02	48.690	73.940	16.040	0.48	47.51
2.00	0.24	48.43	78.96	17.12	47.399	74.054	16.090	0.59	48.43
2.01	0.26	49.43	79.22	17.22	46.130	74.174	16.144	0.66	49.43
2.02	0.27	50.43	79.49	17.34	44.882	74.295	16.200	0.70	50.43
2.03	0.28	51.42	79.77	17.45	43.657	74.418	16.258	0.74	51.42
2.04	0.28	52.41	80.05	17.58	42.455	74.536	16.315	0.75	52.41
2.05	0.28	53.39	80.33	17.70	41.278	74.652	16.373	0.77	53.39
2.06	0.28	53.66	80.61	17.83	40.126	74.764	16.429	0.79	53.66
2.07	0.27	53.93	80.88	17.95	39.001	74.870	16.482	0.77	53.93
2.08	0.26	54.20	81.14	18.06	37.902	74.968	16.531	0.76	54.20
2.09	0.25	54.47	81.39	18.18	36.832	75.060	16.578	0.74	54.47
2.10	0.24	54.74	81.63	18.28	35.790	75.146	16.621	0.72	54.74
2.11	0.22	54.95	81.85	18.38	34.778	75.223	16.660	0.67	54.95
2.12	0.20	55.16	82.05	18.47	33.797	75.290	16.695	0.62	55.16
2.13	0.19	55.36	82.24	18.56	32.847	75.353	16.727	0.60	55.36
2.14	0.17	55.57	82.41	18.63	31.930	75.407	16.755	0.54	55.57
2.15	0.16	55.77	82.57	18.70	31.046	75.457	16.781	0.52	55.77
2.16	0.16	56.65	82.73	18.78	30.196	75.505	16.806	0.52	56.65
2.17	0.15	57.52	82.88	18.85	29.381	75.549	16.830	0.50	57.52
2.18	0.15	58.39	83.03	18.92	28.602	75.592	16.854	0.50	58.39
2.19	0.15	59.26	83.18	18.99	27.860	75.634	16.877	0.51	59.26
2.20	0.16	60.12	83.34	19.07	27.156	75.677	16.902	0.55	60.12
2.21	0.15	60.67	83.49	19.15	26.490	75.717	16.925	0.52	60.67
2.22	0.13	61.21	83.62	19.21	25.863	75.751	16.944	0.45	61.21
2.23	0.12	61.76	83.74	19.27	25.278	75.781	16.962	0.42	61.76
2.24	0.11	62.30	83.85	19.33	24.464	75.808	16.978	0.39	62.30
2.25	0.11	62.84	83.96	19.39	23.945	75.834	16.994	0.39	62.84
2.26	0.11	63.77	84.07	19.44	23.446	75.860	17.010	0.39	63.77
2.27	0.11	64.70	84.18	19.50	22.966	75.885	17.026	0.40	64.70
2.28	0.12	65.62	84.30	19.57	22.507	75.912	17.043	0.44	65.62
2.29	0.14	66.54	84.44	19.65	22.070	75.943	17.064	0.51	66.54
2.30	0.16	67.45	84.60	19.74	21.657	75.978	17.087	0.59	67.45
2.31	0.55	68.07	85.15	20.05	21.267	76.095	17.165	2.03	68.07
2.32	0.54	68.68	85.69	20.36	20.903	76.208	17.241	2.00	68.68
2.33	0.54	69.28	86.23	20.66	20.565	76.319	17.317	2.01	69.28
2.34	0.54	69.89	86.77	20.97	20.255	76.428	17.392	2.02	69.89

2.35	0.54	70.49	87.31	21.27	19.973	76.536	17.467	2.02	70.49
2.36	0.53	71.09	87.84	21.58	19.729	76.640	17.540	1.99	71.09
2.37	0.53	71.69	88.37	21.88	19.458	76.744	17.613	2.00	71.69
2.38	0.53	72.28	88.90	22.18	19.186	76.845	17.685	2.01	72.28
2.39	0.53	72.88	89.43	22.48	18.914	76.945	17.757	2.01	72.88
2.40	0.52	73.47	89.95	22.77	18.643	77.042	17.827	1.98	73.47
2.41	0.52	74.05	90.47	23.07	18.373	77.138	17.897	1.99	74.05
2.42	0.52	74.64	90.99	23.36	18.104	77.232	17.966	2.00	74.64
2.43	0.52	75.22	91.51	23.66	17.837	77.325	18.035	2.00	75.22
2.44	0.52	75.80	92.03	23.95	17.573	77.416	18.103	2.01	75.80
2.45	0.51	76.38	92.54	24.24	17.311	77.505	18.169	1.98	76.38
2.46	0.51	77.72	93.05	24.53	17.052	77.591	18.236	1.98	77.72
2.47	0.51	79.06	93.56	24.83	16.797	77.677	18.303	1.99	79.06
2.48	0.51	80.40	94.07	25.13	16.545	77.762	18.371	1.99	80.40
2.49	0.51	81.73	94.58	25.44	16.299	77.845	18.438	2.00	81.73
2.50	0.50	83.05	95.08	25.74	16.057	77.925	18.505	1.97	83.05
2.51	0.50	84.37	95.58	26.05	15.821	78.004	18.572	1.97	84.37
2.52	0.50	85.68	96.08	26.36	15.590	78.082	18.639	1.98	85.68
2.53	0.50	86.99	96.58	26.67	15.366	78.159	18.706	1.98	86.99
2.54	0.50	88.29	97.08	26.99	15.148	78.235	18.773	1.99	88.29
2.55	0.49	89.59	97.57	27.30	14.938	78.308	18.839	1.95	89.59
2.56	0.49	90.88	98.06	27.62	14.791	78.380	18.906	1.96	90.88
2.57	0.49	92.17	98.55	27.94	14.581	78.452	18.973	1.96	92.17
2.58	0.49	93.45	99.04	28.26	14.370	78.522	19.039	1.97	93.45
2.59	0.49	94.73	99.53	28.59	14.160	78.591	19.106	1.97	94.73
2.60	0.48	96.00	100.01	28.92	13.949	78.658	19.172	1.94	96.00

HEAD ASH %	28.92	CLEAN COAL ASH %	18.17	REFUSE ASH %	64.83
THEO. YIELD	83.54	CLEAN COAL YIELD%	78.66	REFUSE YIELD%	21.34
SG OF SEPARATION	2.214	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	3.434	IMPERFECTION	0.212		
ORGANIC EFFCY.	94.16				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN SS DDH82007 SID: 48 WID: WA1 EQUIPE JIG SG-ASH 0.00 EP 0.0 SG ****
----------FLOAT----------
FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 86.24 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.47	0.44	0.47	0.44	100.000	0.470	0.440	0.0	0.44
1.25	0.47	0.87	0.94	0.65	100.000	0.940	0.655	0.0	0.87
1.26	0.47	1.29	1.41	0.87	100.000	1.410	0.867	0.0	1.29
1.27	0.46	1.71	1.87	1.07	100.000	1.870	1.074	0.0	1.71
1.28	0.46	2.13	2.33	1.28	100.000	2.330	1.283	0.0	2.13
1.29	0.45	2.54	2.78	1.49	100.000	2.780	1.486	0.0	2.54
1.30	0.45	2.95	3.23	1.69	100.000	3.230	1.690	0.0	2.95
1.31	0.45	3.36	3.68	1.89	100.000	3.680	1.894	0.0	3.36
1.32	0.44	3.76	4.12	2.09	100.000	4.120	2.094	0.0	3.76
1.33	0.44	4.16	4.56	2.29	100.000	4.560	2.293	0.0	4.16
1.34	0.44	4.56	5.00	2.49	100.000	5.000	2.492	0.0	4.56
1.35	0.43	4.95	5.43	2.69	100.000	5.430	2.687	0.0	4.95
1.36	0.43	5.35	5.86	2.88	100.000	5.860	2.882	0.0	5.35
1.37	0.43	5.85	6.29	3.09	100.000	6.290	3.085	0.0	5.85
1.38	0.43	6.47	6.72	3.30	100.000	6.720	3.302	0.0	6.47
1.39	0.42	7.08	7.14	3.52	100.000	7.140	3.524	0.0	7.08
1.40	0.42	7.68	7.56	3.76	100.000	7.560	3.755	0.0	7.68
1.41	0.42	8.29	7.98	3.99	99.950	7.980	3.994	0.00	8.29
1.42	0.41	8.88	8.39	4.23	99.887	8.389	4.232	0.00	8.88
1.43	0.41	9.48	8.80	4.48	99.810	8.799	4.476	0.00	9.48
1.44	0.41	10.07	9.21	4.73	99.722	9.207	4.725	0.00	10.07
1.45	0.40	10.65	9.61	4.97	99.623	9.606	4.970	0.00	10.65
1.46	0.40	11.23	10.01	5.22	99.513	10.004	5.219	0.01	11.23
1.47	0.40	11.81	10.41	5.48	99.394	10.402	5.471	0.01	11.81
1.48	0.40	12.38	10.81	5.73	99.265	10.799	5.725	0.01	12.38
1.49	0.39	12.95	11.20	5.98	99.129	11.185	5.975	0.01	12.95
1.50	0.39	13.52	11.59	6.24	98.985	11.571	6.227	0.01	13.52
1.51	1.88	13.93	13.47	7.31	98.835	13.429	7.283	0.07	13.93
1.52	2.33	14.34	15.80	8.35	98.636	15.728	8.322	0.10	14.34
1.53	2.65	14.74	18.45	9.26	98.409	18.335	9.235	0.13	14.74
1.54	2.86	15.15	21.31	10.05	98.159	21.143	10.021	0.17	15.15
1.55	2.94	15.55	24.25	10.72	97.708	24.015	10.682	0.21	15.55
1.56	2.89	16.63	27.14	11.35	97.373	26.829	11.306	0.24	16.63
1.57	2.72	17.71	29.86	11.93	97.001	29.468	11.879	0.26	17.71
1.58	2.43	18.78	32.29	12.45	96.596	31.815	12.388	0.26	18.78
1.59	2.02	19.85	34.31	12.88	96.164	33.758	12.818	0.25	19.85
1.60	1.48	20.90	35.79	13.21	95.711	35.174	13.143	0.20	20.90
1.61	1.17	22.00	36.96	13.49	95.240	36.288	13.415	0.18	22.00
1.62	1.15	23.09	38.11	13.78	94.758	37.378	13.697	0.19	23.09
1.63	1.14	24.18	39.25	14.08	94.486	38.456	13.991	0.20	24.18
1.64	1.12	25.25	40.37	14.39	93.912	39.507	14.291	0.22	25.25
1.65	1.09	26.32	41.46	14.71	93.278	40.524	14.592	0.23	26.32
1.66	1.07	26.59	42.53	15.00	92.586	41.515	14.879	0.25	26.59
1.67	1.04	26.85	43.57	15.29	91.837	42.470	15.148	0.27	26.85
1.68	1.00	27.11	44.57	15.55	91.034	43.380	15.399	0.28	27.11
1.69	0.96	27.36	45.53	15.80	90.178	44.246	15.633	0.30	27.36
1.70	0.92	27.62	46.45	16.04	89.079	45.065	15.851	0.32	27.62
1.71	0.90	27.63	47.35	16.26	88.106	45.858	16.055	0.34	27.63
1.72	0.90	27.64	48.25	16.47	87.084	46.642	16.249	0.37	27.64

1.73	0.90	27.64	49.15	16.67	86.015	47.416	16.435	0.40	27.64
1.74	0.90	27.65	50.05	16.87	84.903	48.180	16.613	0.43	27.65
1.75	0.90	27.66	50.95	17.06	83.752	48.934	16.783	0.46	27.66
1.76	0.90	29.10	51.85	17.27	82.565	49.677	16.968	0.50	29.10
1.77	0.90	30.53	52.75	17.50	81.345	50.409	17.165	0.53	30.53
1.78	0.90	31.95	53.65	17.74	80.095	51.130	17.373	0.57	31.95
1.79	0.90	33.37	54.55	18.00	78.819	51.839	17.592	0.60	33.37
1.80	0.90	34.77	55.45	18.27	77.520	52.537	17.820	0.64	34.77
1.81	0.92	35.82	56.37	18.56	76.201	53.238	18.057	0.69	35.82
1.82	0.95	36.87	57.32	18.86	74.866	53.949	18.305	0.76	36.87
1.83	0.96	37.91	58.28	19.17	73.618	54.656	18.559	0.80	37.91
1.84	0.97	38.94	59.25	19.50	72.161	55.356	18.816	0.86	38.94
1.85	0.96	39.97	60.21	19.82	70.640	56.034	19.072	0.89	39.97
1.86	0.94	40.55	61.15	20.14	69.067	56.683	19.318	0.92	40.55
1.87	0.90	41.12	62.05	20.45	67.451	57.290	19.549	0.93	41.12
1.88	0.86	41.69	62.91	20.74	65.803	57.856	19.766	0.93	41.69
1.89	0.80	42.26	63.71	21.01	64.136	58.369	19.964	0.91	42.26
1.90	0.73	42.82	64.44	21.25	62.458	58.825	20.141	0.87	42.82
1.91	0.65	43.36	65.09	21.47	60.782	59.220	20.296	0.81	43.36
1.92	0.58	43.89	65.67	21.67	59.118	59.563	20.432	0.75	43.89
1.93	0.52	44.42	66.19	21.85	57.478	59.862	20.551	0.70	44.42
1.94	0.48	44.95	66.67	22.02	55.871	60.130	20.660	0.67	44.95
1.95	0.44	45.48	67.11	22.17	54.309	60.369	20.758	0.64	45.48
1.96	0.42	46.41	67.53	22.32	52.802	60.591	20.852	0.63	46.41
1.97	0.41	47.33	67.94	22.47	51.362	60.802	20.944	0.63	47.33
1.98	0.42	48.24	68.36	22.63	50.000	61.012	21.038	0.66	48.24
1.99	0.43	49.15	68.79	22.80	48.690	61.221	21.134	0.70	49.15
2.00	0.48	50.06	69.25	22.98	47.399	61.439	21.237	0.77	50.06
2.01	0.48	50.75	69.73	23.17	46.130	61.661	21.343	0.82	50.75
2.02	0.48	51.45	70.21	23.36	44.882	61.876	21.448	0.84	51.45
2.03	0.48	52.14	70.69	23.56	43.657	62.086	21.551	0.86	52.14
2.04	0.48	52.82	71.17	23.76	42.455	62.289	21.653	0.87	52.82
2.05	0.48	53.51	71.65	23.95	41.278	62.487	21.754	0.89	53.51
2.06	0.48	54.34	72.13	24.16	40.126	62.680	21.855	0.91	54.34
2.07	0.48	55.17	72.61	24.36	39.001	62.867	21.954	0.93	55.17
2.08	0.48	56.00	73.09	24.57	37.902	63.049	22.052	0.94	56.00
2.09	0.48	56.82	73.57	24.78	36.832	63.226	22.149	0.96	56.82
2.10	0.48	57.64	74.05	24.99	35.790	63.398	22.245	0.98	57.64
2.11	0.44	58.50	74.49	25.19	34.778	63.551	22.333	0.91	58.50
2.12	0.36	59.36	74.85	25.36	33.797	63.672	22.404	0.75	59.36
2.13	0.30	60.22	75.15	25.49	32.847	63.771	22.462	0.64	60.22
2.14	0.26	61.07	75.41	25.62	31.930	63.854	22.512	0.56	61.07
2.15	0.22	61.92	75.63	25.72	31.046	63.922	22.554	0.48	61.92
2.16	0.20	62.11	75.83	25.82	30.196	63.983	22.592	0.44	62.11
2.17	0.19	62.30	76.02	25.91	29.381	64.039	22.626	0.42	62.30
2.18	0.19	62.50	76.21	26.00	28.602	64.093	22.660	0.43	62.50
2.19	0.20	62.69	76.41	26.10	27.860	64.149	22.695	0.46	62.69
2.20	0.23	62.88	76.64	26.21	27.156	64.211	22.734	0.53	62.88
2.21	0.24	62.94	76.88	26.32	26.490	64.275	22.774	0.56	62.94
2.22	0.23	63.01	77.11	26.43	25.863	64.334	22.811	0.54	63.01
2.23	0.22	63.08	77.33	26.54	25.278	64.390	22.846	0.52	63.08
2.24	0.21	63.14	77.54	26.63	24.464	64.441	22.878	0.50	63.14
2.25	0.21	63.21	77.75	26.73	23.945	64.491	22.909	0.51	63.21
2.26	0.21	64.45	77.96	26.84	23.446	64.541	22.941	0.51	64.45
2.27	0.21	65.70	78.17	26.94	22.966	64.589	22.973	0.51	65.70
2.28	0.22	66.93	78.39	27.05	22.507	64.638	23.007	0.54	66.93
2.29	0.23	68.16	78.62	27.17	22.070	64.689	23.042	0.57	68.16
2.30	0.25	69.39	78.87	27.31	21.657	64.743	23.081	0.62	69.39
2.31	0.76	70.48	79.62	27.71	21.267	64.903	23.197	1.87	70.48
2.32	0.74	71.57	80.36	28.12	20.903	65.057	23.312	1.85	71.57
2.33	.74	72.65	81.10	28.52	20.565	65.210	23.427	16	72.65
2.34	.74	73.73	81.84	28.93	20.255	65.360	23.543	17	73.73

2.35	0.74	74.80	82.58	29.34	19.973	65.507	23.658	1.88	74.80
2.36	0.73	75.87	83.31	29.75	19.729	65.651	23.773	1.86	75.87
2.37	0.73	76.93	84.04	30.16	19.458	65.793	23.888	1.86	76.93
2.38	0.73	77.99	84.77	30.57	19.186	65.933	24.003	1.87	77.99
2.39	0.72	79.05	85.49	30.98	18.914	66.070	24.116	1.85	79.05
2.40	0.72	80.10	86.21	31.39	18.649	66.204	24.230	1.85	80.10
2.41	0.72	81.15	86.93	31.80	18.373	66.336	24.343	1.86	81.15
2.42	0.71	82.19	87.64	32.21	18.104	66.465	24.455	1.84	82.19
2.43	0.71	83.23	88.35	32.62	17.837	66.591	24.567	1.85	83.23
2.44	0.71	84.26	89.06	33.03	17.573	66.716	24.678	1.85	84.26
2.45	0.71	85.29	89.77	33.45	17.311	66.839	24.790	1.86	85.29
2.46	0.70	86.03	90.47	33.85	17.052	66.958	24.899	1.84	86.03
2.47	0.70	86.76	91.17	34.26	16.797	67.076	25.007	1.84	86.76
2.48	0.70	87.48	91.87	34.66	16.545	67.192	25.115	1.85	87.48
2.49	0.69	88.21	92.56	35.06	16.299	67.304	25.221	1.83	88.21
2.50	0.69	88.93	93.25	35.46	16.057	67.415	25.325	1.83	88.93
2.51	0.69	89.65	93.94	35.86	15.821	67.524	25.429	1.84	89.65
2.52	0.69	90.37	94.69	36.26	15.590	67.632	25.533	1.84	90.37
2.53	0.68	91.08	95.31	36.65	15.366	67.736	25.634	1.82	91.08
2.54	0.68	91.79	95.99	37.04	15.148	67.839	25.734	1.83	91.79
2.55	0.68	92.50	96.67	37.43	14.938	67.941	25.834	1.83	92.50
2.56	0.67	93.21	97.34	37.81	14.791	68.040	25.932	1.81	93.21
2.57	0.67	93.91	98.01	38.20	14.581	68.138	26.030	1.81	93.91
2.58	0.67	94.61	98.68	38.58	14.370	68.234	26.126	1.82	94.61
2.59	0.67	95.31	99.35	38.96	14.160	68.329	26.222	1.82	95.31
2.60	0.66	96.00	100.01	39.34	13.949	68.421	26.316	1.80	96.00

HEAD ASH %	39.34	CLEAN COAL ASH %	26.32	REFUSE ASH %	67.55
THEO. YIELD	76.87	CLEAN COAL YIELD%	68.42	REFUSE YIELD%	31.58
SG OF SEPARATION	2.210	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	5.115	IMPERFECTION	0.212		
ORGANIC EFFCY.	89.01				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN SS DDH82007 SID: 49 WID: WA1 EQUIPE JIG SG-ASH 0.00 EP 0.0 SG 0.0

---------FLOAT----------

FRACTION SIZE (MM) 10.00 X 0.60 RELATIVE WT% - 88.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	100.000	0.0	0.010	0.0	0.01
1.24	0.56	0.30	0.56	0.30	100.000	0.560	0.300	0.0	0.30
1.25	0.56	0.58	1.12	0.44	100.000	1.120	0.440	0.0	0.58
1.26	0.55	0.86	1.67	0.58	100.000	1.670	0.578	0.0	0.86
1.27	0.55	1.14	2.22	0.72	100.000	2.220	0.717	0.0	1.14
1.28	0.54	1.42	2.76	0.85	100.000	2.760	0.855	0.0	1.42
1.29	0.54	1.70	3.30	0.99	100.000	3.300	0.993	0.0	1.70
1.30	0.53	1.97	3.83	1.13	100.000	3.830	1.128	0.0	1.97
1.31	0.53	2.24	4.36	1.26	100.000	4.360	1.264	0.0	2.24
1.32	0.53	2.51	4.89	1.40	100.000	4.890	1.399	0.0	2.51
1.33	0.52	2.78	5.41	1.53	100.000	5.410	1.531	0.0	2.78
1.34	0.52	3.05	5.93	1.66	100.000	5.930	1.665	0.0	3.05
1.35	0.51	3.31	6.44	1.79	100.000	6.440	1.795	0.0	3.31
1.36	0.51	3.57	6.95	1.93	100.000	6.950	1.925	0.0	3.57
1.37	0.51	4.02	7.46	2.07	100.000	7.460	2.068	0.0	4.02
1.38	0.50	4.66	7.96	2.23	100.000	7.960	2.231	0.0	4.66
1.39	0.50	5.29	8.46	2.41	100.000	8.460	2.412	0.0	5.29
1.40	0.50	5.92	8.96	2.61	100.000	8.960	2.608	0.0	5.92
1.41	0.49	6.54	9.45	2.81	99.950	9.450	2.811	0.00	6.54
1.42	0.49	7.16	9.94	3.03	99.887	9.939	3.026	0.00	7.16
1.43	0.49	7.78	10.43	3.25	99.810	10.428	3.249	0.00	7.78
1.44	0.48	8.39	10.91	3.48	99.722	10.907	3.474	0.00	8.39
1.45	0.48	8.99	11.39	3.71	99.623	11.388	3.706	0.01	8.99
1.46	0.48	9.59	11.87	3.95	99.513	11.863	3.943	0.01	9.59
1.47	0.47	10.19	12.34	4.18	99.394	12.330	4.180	0.01	10.19
1.48	0.47	10.78	12.81	4.43	99.265	12.796	4.420	0.01	10.78
1.49	0.47	11.37	13.28	4.67	99.129	13.262	4.664	0.01	11.37
1.50	0.46	11.96	13.74	4.92	98.985	13.718	4.906	0.02	11.96
1.51	1.92	12.34	15.66	5.83	98.835	15.616	5.810	0.08	12.34
1.52	2.36	12.73	18.02	6.73	98.636	17.943	6.708	0.12	12.73
1.53	2.69	13.11	20.71	7.56	98.409	20.590	7.531	0.16	13.11
1.54	2.89	13.48	23.60	8.28	98.159	23.427	8.251	0.19	13.48
1.55	2.97	13.86	26.57	8.91	97.708	26.329	8.869	0.25	13.86
1.56	2.92	15.27	29.49	9.54	97.373	29.172	9.493	0.28	15.27
1.57	2.75	16.66	32.24	10.14	97.001	31.840	10.094	0.30	16.66
1.58	2.46	18.05	34.70	10.71	96.696	34.216	10.646	0.30	18.05
1.59	2.04	19.43	36.74	11.19	96.164	36.178	11.122	0.28	19.43
1.60	1.49	20.80	38.23	11.56	95.711	37.604	11.489	0.23	20.80
1.61	1.15	22.06	39.38	11.87	95.240	38.699	11.789	0.20	22.06
1.62	1.11	23.32	40.49	12.18	94.758	39.751	12.094	0.21	23.32
1.63	1.07	24.56	41.56	12.50	94.486	40.762	12.403	0.21	24.56
1.64	1.05	25.80	42.61	12.83	93.912	41.748	12.719	0.23	25.80
1.65	1.04	27.03	43.65	13.17	93.278	42.718	13.044	0.25	27.03
1.66	1.04	27.43	44.69	13.50	92.586	43.681	13.361	0.28	27.43
1.67	1.05	27.82	45.74	13.83	91.837	44.645	13.674	0.31	27.82
1.68	1.08	28.21	46.82	14.16	91.034	45.629	13.987	0.35	28.21
1.69	1.12	28.60	47.94	14.50	90.178	46.639	14.303	0.40	28.60
1.70	1.17	28.98	49.11	14.84	89.079	47.681	14.624	0.46	28.98
1.71	1.22	29.27	50.33	15.19	88.106	48.756	14.947	0.53	29.27
1.72	1.25	29.56	51.58	15.54	87.084	49.844	15.266	0.58	29.56

1.73	1.27	29.84	52.85	15.89	86.015	50.937	15.579	0.64	29.84
1.74	1.28	30.12	54.13	16.22	84.903	52.023	15.883	0.70	30.12
1.75	1.28	30.40	55.41	16.55	83.752	53.095	16.176	0.75	30.40
1.76	1.27	31.48	56.68	16.88	82.565	54.144	16.472	0.80	31.48
1.77	1.25	32.55	57.93	17.22	81.345	55.161	16.768	0.84	32.55
1.78	1.22	33.62	59.15	17.56	80.095	56.138	17.062	0.88	33.62
1.79	1.17	34.68	60.32	17.89	78.819	57.060	17.347	0.90	34.68
1.80	1.12	35.73	61.44	18.22	77.520	57.928	17.622	0.91	35.73
1.81	1.05	36.62	62.49	18.53	76.201	58.728	17.881	0.91	36.62
1.82	0.98	37.51	63.47	18.82	74.866	59.462	18.123	0.89	37.51
1.83	0.91	38.38	64.38	19.10	73.618	60.132	18.349	0.87	38.38
1.84	0.85	39.26	65.23	19.36	72.161	60.745	18.560	0.86	39.26
1.85	0.79	40.13	66.02	19.61	70.640	61.304	18.756	0.84	40.13
1.86	0.73	40.67	66.75	19.84	69.067	61.808	18.935	0.82	40.67
1.87	0.68	41.22	67.43	20.05	67.451	62.266	19.099	0.80	41.22
1.88	0.64	41.76	68.07	20.26	65.803	62.688	19.251	0.79	41.76
1.89	0.59	42.29	68.66	20.45	64.136	63.066	19.390	0.77	42.29
1.90	0.56	42.83	69.22	20.63	62.458	63.416	19.519	0.76	42.83
1.91	0.52	43.30	69.74	20.80	60.782	63.732	19.637	0.74	43.30
1.92	0.49	43.76	70.23	20.96	59.118	64.021	19.746	0.73	43.76
1.93	0.47	44.23	70.70	21.11	57.478	64.292	19.849	0.72	44.23
1.94	0.46	44.69	71.16	21.26	55.871	64.549	19.948	0.74	44.69
1.95	0.45	45.15	71.61	21.41	54.309	64.793	20.043	0.74	45.15
1.96	0.45	46.08	72.06	21.57	52.802	65.031	20.138	0.77	46.08
1.97	0.46	47.01	72.52	21.73	51.362	65.267	20.235	0.81	47.01
1.98	0.47	47.93	72.99	21.90	50.000	65.502	20.335	0.85	47.93
1.99	0.49	48.85	73.48	22.08	48.690	65.740	20.438	0.91	48.85
2.00	0.51	49.77	73.99	22.27	47.399	65.982	20.546	0.97	49.77
2.01	0.57	50.48	74.56	22.48	46.130	66.245	20.664	1.11	50.48
2.02	0.63	51.18	75.19	22.73	44.882	66.528	20.794	1.26	51.18
2.03	0.66	51.88	75.85	22.98	43.657	66.816	20.928	1.35	51.88
2.04	0.68	52.58	76.53	23.24	42.455	67.105	21.064	1.42	52.58
2.05	0.68	53.28	77.21	23.51	41.278	67.385	21.199	1.45	53.28
2.06	0.66	54.04	77.87	23.77	40.126	67.650	21.327	1.43	54.04
2.07	0.62	54.79	78.49	24.01	39.001	67.892	21.446	1.37	54.79
2.08	0.56	55.55	79.05	24.23	37.902	68.104	21.553	1.26	55.55
2.09	0.48	56.29	79.53	24.43	36.832	68.281	21.643	1.10	56.29
2.10	0.38	57.04	79.91	24.58	35.790	68.417	21.713	0.88	57.04
2.11	0.31	57.78	80.22	24.71	34.778	68.525	21.770	0.73	57.78
2.12	0.29	58.52	80.51	24.83	33.797	68.623	21.822	0.70	58.52
2.13	0.27	59.26	80.78	24.95	32.847	68.712	21.870	0.66	59.26
2.14	0.25	59.99	81.03	25.06	31.930	68.791	21.915	0.62	59.99
2.15	0.24	60.72	81.27	25.16	31.046	68.866	21.957	0.60	60.72
2.16	0.23	61.17	81.50	25.26	30.196	68.935	21.996	0.58	61.17
2.17	0.22	61.62	81.72	25.36	29.381	69.000	22.033	0.56	61.62
2.18	0.22	62.07	81.94	25.46	28.602	69.063	22.070	0.57	62.07
2.19	0.22	62.52	82.16	25.56	27.860	69.124	22.106	0.57	62.52
2.20	0.23	62.96	82.39	25.66	27.156	69.187	22.143	0.61	62.96
2.21	0.22	63.18	82.61	25.76	26.490	69.245	22.177	0.59	63.18
2.22	0.22	63.39	82.83	25.86	25.863	69.302	22.211	0.59	63.39
2.23	0.21	63.61	83.04	25.96	25.278	69.355	22.243	0.57	63.61
2.24	0.21	63.82	83.25	26.05	24.464	69.406	22.273	0.57	63.82
2.25	0.20	64.03	83.45	26.14	23.945	69.454	22.302	0.55	64.03
2.26	0.21	65.21	83.66	26.24	23.446	69.503	22.333	0.58	65.21
2.27	0.21	66.38	83.87	26.34	22.966	69.552	22.363	0.59	66.38
2.28	0.22	67.55	84.09	26.45	22.507	69.601	22.395	0.62	67.55
2.29	0.23	68.71	84.32	26.57	22.070	69.652	22.429	0.65	68.71
2.30	0.24	69.87	84.56	26.69	21.657	69.704	22.464	0.68	69.87
2.31	0.55	70.88	85.11	26.97	21.267	69.821	22.546	1.57	70.88
2.32	0.56	71.88	85.66	27.26	20.903	69.936	22.627	1.58	71.88
2.33	0.54	72.89	86.20	27.55	20.565	70.047	22.706	1.55	72.89
2.34	0.54	73.88	86.74	27.84	20.255	70.156	22.786	1.56	73.88

2.35	0.54	74.88	87.28	28.13	19.973	70.264	22.866	1.57	74.88
2.36	0.54	75.87	87.82	28.42	19.729	70.371	22.946	1.57	75.87
2.37	0.53	76.85	88.35	28.71	19.458	70.474	23.025	1.55	76.85
2.38	0.53	77.83	88.88	29.01	19.186	70.575	23.104	1.55	77.83
2.39	0.53	78.81	89.41	29.30	18.914	70.676	23.183	1.56	78.81
2.40	0.53	79.78	89.94	29.60	18.643	70.775	23.262	1.56	79.78
2.41	0.52	80.75	90.46	29.89	18.373	70.870	23.340	1.54	80.75
2.42	0.52	81.71	90.98	30.19	18.104	70.964	23.417	1.54	81.71
2.43	0.52	82.67	91.50	30.49	17.837	71.057	23.494	1.55	82.67
2.44	0.52	83.63	92.02	30.79	17.573	71.148	23.572	1.55	83.63
2.45	0.52	84.58	92.54	31.09	17.311	71.238	23.649	1.56	84.58
2.46	0.51	85.36	93.05	31.39	17.052	71.325	23.724	1.53	85.36
2.47	0.51	86.14	93.56	31.68	16.797	71.411	23.799	1.54	86.14
2.48	0.51	86.92	94.07	31.98	16.545	71.495	23.873	1.54	86.92
2.49	0.51	87.69	94.58	32.28	16.299	71.579	23.948	1.55	87.69
2.50	0.51	88.46	95.09	32.59	16.057	71.660	24.021	1.55	88.46
2.51	0.50	89.23	95.59	32.88	15.821	71.739	24.093	1.52	89.23
2.52	0.50	89.99	96.09	33.18	15.590	71.817	24.165	1.53	89.99
2.53	0.50	90.76	96.59	33.48	15.366	71.894	24.236	1.53	90.76
2.54	0.50	91.51	97.09	33.78	15.148	71.970	24.307	1.54	91.51
2.55	0.50	92.27	97.59	34.08	14.938	72.045	24.377	1.54	92.27
2.56	0.49	93.02	98.08	34.37	14.791	72.117	24.446	1.51	93.02
2.57	0.49	93.77	98.57	34.67	14.581	72.189	24.515	1.52	93.77
2.58	0.49	94.52	99.06	34.96	14.370	72.259	24.583	1.52	94.52
2.59	0.49	95.26	99.55	35.26	14.160	72.328	24.651	1.52	95.26
2.60	0.49	96.00	100.04	35.56	13.949	72.397	24.718	1.53	96.00

HEAD ASH %	35.56	CLEAN COAL ASH %	24.72	REFUSE ASH %	63.98
THEO. YIELD	80.24	CLEAN COAL YIELD%	72.40	REFUSE YIELD%	27.60
SG OF SEPARATION	2.111	ECART PROB. MOYEN	0.2076		
NEAR GRAVITY MAT	8.024	IMPERFECTION	0.212		
ORGANIC EFFCY.	90.23				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC-DDH82001 SID: 1 WID: WA1 EQUIPE WOC2 SG-ASH 19.00 EP 0.450 SG 2.18
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.02 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	1.51	0.23	1.51	0.23	99.521	1.503	0.230	0.10	0.23
1.25	1.50	0.45	3.01	0.34	99.485	2.995	0.340	0.11	0.45
1.26	1.48	0.66	4.49	0.45	99.448	4.467	0.445	0.12	0.66
1.27	1.47	0.88	5.96	0.55	99.410	5.928	0.552	0.12	0.88
1.28	1.46	1.09	7.42	0.66	99.372	7.379	0.658	0.13	1.09
1.29	1.45	1.30	8.87	0.76	99.333	8.819	0.763	0.14	1.30
1.30	1.44	1.51	10.31	0.87	99.294	10.249	0.867	0.15	1.51
1.31	1.43	1.72	11.74	0.97	99.253	11.669	0.971	0.15	1.72
1.32	1.42	2.00	13.16	1.08	99.212	13.077	1.082	0.16	2.00
1.33	1.41	2.34	14.57	1.20	99.171	14.476	1.203	0.17	2.34
1.34	1.40	2.67	15.97	1.33	99.129	15.863	1.332	0.17	2.67
1.35	1.39	3.01	17.36	1.47	99.087	17.241	1.466	0.18	3.01
1.36	1.38	3.34	18.74	1.60	99.044	18.608	1.603	0.19	3.34
1.37	1.36	3.67	20.10	1.74	99.000	19.954	1.743	0.19	3.67
1.38	1.36	4.00	21.46	1.89	98.956	21.300	1.885	0.20	4.00
1.39	1.35	4.32	22.81	2.03	98.911	22.635	2.029	0.21	4.32
1.40	1.34	4.65	24.15	2.18	98.864	23.960	2.174	0.22	4.65
1.41	3.45	5.10	27.60	2.54	98.816	27.369	2.538	0.58	5.10
1.42	4.49	5.55	32.09	2.96	98.766	31.804	2.958	0.79	5.55
1.43	5.23	5.99	37.32	3.39	98.715	36.966	3.382	0.96	5.99
1.44	5.67	6.43	42.99	3.79	98.661	42.560	3.782	1.09	6.43
1.45	5.81	6.87	48.80	4.16	98.605	48.289	4.149	1.16	6.87
1.46	5.65	7.96	54.45	4.65	98.546	53.857	4.543	1.17	7.96
1.47	5.19	9.04	59.64	4.94	98.484	58.969	4.933	1.12	9.04
1.48	4.42	10.12	64.06	5.30	98.419	63.319	5.289	1.00	10.12
1.49	3.36	11.18	67.42	5.59	98.351	66.623	5.581	0.79	11.18
1.50	1.99	12.24	69.41	5.78	98.279	68.579	5.771	0.49	12.24
1.51	1.16	13.31	70.57	5.91	98.203	69.718	5.894	0.30	13.31
1.52	1.07	14.37	71.64	6.03	98.124	70.768	6.020	0.29	14.37
1.53	0.99	15.42	72.63	6.16	98.040	71.739	6.147	0.28	15.42
1.54	0.90	16.47	73.53	6.29	97.951	72.620	6.272	0.26	16.47
1.55	0.82	17.51	74.35	6.41	97.858	73.423	6.395	0.25	17.51
1.56	0.75	18.32	75.10	6.53	97.760	74.156	6.513	0.24	18.32
1.57	0.67	19.12	75.77	6.64	97.656	74.810	6.623	0.22	19.12
1.58	0.60	19.92	76.37	6.74	97.548	75.395	6.727	0.21	19.92
1.59	0.54	20.71	76.91	6.84	97.433	75.922	6.824	0.20	20.71
1.60	0.47	21.50	77.38	6.93	97.313	76.379	6.911	0.18	21.50
1.61	0.46	22.46	77.84	7.02	97.186	76.826	7.002	0.18	22.46
1.62	0.48	23.42	78.32	7.12	97.053	77.292	7.101	0.20	23.42
1.63	0.49	24.38	78.81	7.23	96.914	77.767	7.206	0.22	24.38
1.64	0.49	25.32	79.30	7.34	96.768	78.241	7.316	0.23	25.32
1.65	0.48	26.26	79.78	7.46	96.614	78.705	7.428	0.23	26.26
1.66	0.45	26.93	80.23	7.57	96.453	79.139	7.535	0.23	26.93
1.67	0.41	27.58	80.64	7.67	96.285	79.533	7.634	0.22	27.58
1.68	0.36	28.24	81.00	7.76	96.109	79.879	7.724	0.20	28.24
1.69	0.29	28.89	81.29	7.83	95.804	80.157	7.797	0.17	28.89
1.70	0.21	29.53	81.50	7.89	95.587	80.358	7.851	0.13	29.53
1.71	0.16	30.05	81.66	7.93	95.353	80.511	7.893	0.11	30.05
1.72	0.14	30.57	81.80	7.97	95.104	80.644	7.931	0.10	30.57

1.73	0.13	31.08	81.93	8.01	94.843	80.767	7.966	0.10	31.08
1.74	0.12	31.59	82.05	8.04	94.575	80.881	7.999	0.09	31.59
1.75	0.12	32.10	82.17	8.08	94.301	80.994	8.033	0.10	32.10
1.76	0.12	32.61	82.29	8.11	94.025	81.107	8.067	0.10	32.61
1.77	0.12	33.12	82.41	8.15	93.750	81.219	8.102	0.11	33.12
1.78	0.13	33.63	82.54	8.19	93.486	81.341	8.140	0.12	33.63
1.79	0.15	34.14	82.69	8.24	93.233	81.480	8.185	0.15	34.14
1.80	0.17	34.64	82.86	8.29	92.983	81.638	8.236	0.17	34.64
1.81	0.19	34.97	83.05	8.35	92.725	81.815	8.293	0.20	34.97
1.82	0.20	35.29	83.25	8.42	92.451	82.000	8.354	0.22	35.29
1.83	0.20	35.62	83.45	8.48	92.151	82.184	8.415	0.22	35.62
1.84	0.20	35.94	83.65	8.55	91.815	82.367	8.477	0.23	35.94
1.85	0.20	36.26	83.85	8.62	91.435	82.550	8.538	0.24	36.26
1.86	0.20	37.09	84.05	8.68	91.000	82.732	8.601	0.26	37.09
1.87	0.19	37.92	84.24	8.75	90.526	82.904	8.662	0.26	37.92
1.88	0.18	38.74	84.42	8.81	90.037	83.066	8.721	0.26	38.74
1.89	0.17	39.56	84.59	8.87	89.536	83.219	8.777	0.25	39.56
1.90	0.15	40.37	84.74	8.93	89.021	83.352	8.828	0.24	40.37
1.91	0.14	41.01	84.88	8.98	88.499	83.476	8.875	0.23	41.01
1.92	0.14	41.64	85.02	9.04	87.969	83.599	8.924	0.24	41.64
1.93	0.13	42.28	85.15	9.09	87.436	83.713	8.969	0.23	42.28
1.94	0.13	42.90	85.28	9.14	86.899	83.826	9.015	0.24	42.90
1.95	0.13	43.53	85.41	9.19	86.362	83.938	9.061	0.25	43.53
1.96	0.13	44.13	85.54	9.24	85.827	84.050	9.107	0.26	44.13
1.97	0.13	44.74	85.67	9.30	85.296	84.161	9.154	0.27	44.74
1.98	0.13	45.33	85.80	9.35	84.771	84.271	9.202	0.28	45.33
1.99	0.13	45.93	85.93	9.41	84.255	84.380	9.249	0.29	45.93
2.00	0.13	46.52	86.06	9.46	83.748	84.489	9.297	0.30	46.52
2.01	0.14	46.90	86.20	9.53	83.495	84.606	9.349	0.33	46.90
2.02	0.14	47.27	86.34	9.59	82.993	84.722	9.401	0.34	47.27
2.03	0.14	47.65	86.48	9.65	82.493	84.838	9.453	0.35	47.65
2.04	0.15	48.02	86.63	9.71	81.996	84.961	9.509	0.39	48.02
2.05	0.15	48.39	86.78	9.78	81.499	85.083	9.565	0.40	48.39
2.06	0.15	49.34	86.93	9.85	81.004	85.205	9.622	0.41	49.34
2.07	0.15	50.30	87.08	9.92	80.510	85.325	9.679	0.42	50.30
2.08	0.15	51.24	87.23	9.99	80.016	85.445	9.738	0.43	51.24
2.09	0.15	52.19	87.38	10.06	79.521	85.565	9.797	0.44	52.19
2.10	0.14	53.13	87.52	10.13	79.027	85.675	9.853	0.42	53.13
2.11	0.13	54.04	87.65	10.20	78.531	85.777	9.905	0.40	54.04
2.12	0.11	54.95	87.76	10.25	78.034	85.863	9.950	0.35	54.95
2.13	0.09	55.86	87.85	10.30	77.535	85.933	9.988	0.29	55.86
2.14	0.07	56.76	87.92	10.34	77.034	85.987	10.017	0.23	56.76
2.15	0.05	57.66	87.97	10.36	76.530	86.025	10.038	0.17	57.66
2.16	0.04	58.55	88.01	10.39	76.024	86.056	10.055	0.14	58.55
2.17	0.03	59.44	88.04	10.40	75.514	86.078	10.068	0.10	59.44
2.18	0.02	60.33	88.06	10.41	75.000	86.093	10.077	0.07	60.33
2.19	0.01	61.21	88.07	10.42	74.476	86.101	10.082	0.04	61.21
2.20	0.01	62.09	88.08	10.43	73.937	86.108	10.086	0.04	62.09
2.21	0.01	62.68	88.09	10.43	73.382	86.115	10.091	0.04	62.68
2.22	0.01	63.28	88.10	10.44	72.815	86.123	10.095	0.04	63.28
2.23	0.02	63.88	88.12	10.45	72.235	86.137	10.104	0.08	63.88
2.24	0.02	64.47	88.14	10.46	71.643	86.151	10.113	0.08	64.47
2.25	0.03	65.06	88.17	10.48	71.041	86.173	10.127	0.12	65.06
2.26	0.04	65.64	88.21	10.51	70.429	86.201	10.145	0.17	65.64
2.27	0.06	66.22	88.27	10.54	69.808	86.243	10.172	0.26	66.22
2.28	0.07	66.81	88.34	10.59	69.180	86.291	10.204	0.31	66.81
2.29	0.09	67.38	88.43	10.65	68.545	86.353	10.245	0.40	67.38
2.30	0.11	67.96	88.54	10.72	67.905	86.428	10.295	0.50	67.96
2.31	0.41	68.38	88.95	10.98	67.260	86.703	10.479	1.92	68.38
2.32	0.40	68.80	89.35	11.24	66.611	86.970	10.658	1.91	68.80
2.33	0.40	69.21	89.75	11.50	65.960	87.234	10.835	1.85	69.21
2.34	0.40	69.62	90.15	11.76	65.307	87.495	11.011	1.88	69.62

2.35	0.40	70.04	90.55	12.01	64.653	87.753	11.185	2.02	70.04
2.36	0.40	70.45	90.95	12.27	64.000	88.009	11.357	2.06	70.45
2.37	0.40	70.85	91.35	12.53	63.332	88.263	11.528	2.10	70.85
2.38	0.39	71.26	91.74	12.78	62.638	88.507	11.693	2.08	71.26
2.39	0.39	71.67	92.13	13.03	61.920	88.749	11.856	2.12	71.67
2.40	0.39	72.07	92.52	13.28	61.183	88.987	12.017	2.16	72.07
2.41	0.39	72.47	92.91	13.52	60.431	89.223	12.177	2.21	72.47
2.42	0.39	72.87	93.30	13.77	59.667	89.456	12.335	2.25	72.87
2.43	0.39	73.27	93.69	14.02	58.895	89.685	12.491	2.29	73.27
2.44	0.38	73.67	94.07	14.26	58.119	89.906	12.641	2.27	73.67
2.45	0.38	74.06	94.45	14.50	57.344	90.124	12.790	2.32	74.06
2.46	0.38	75.56	94.83	14.75	56.572	90.339	12.939	2.36	75.56
2.47	0.38	77.06	95.21	15.00	55.808	90.551	13.089	2.40	77.06
2.48	0.38	78.55	95.59	15.25	55.056	90.760	13.240	2.44	78.55
2.49	0.38	80.04	95.97	15.50	54.319	90.967	13.392	2.48	80.04
2.50	0.37	81.52	96.34	15.76	53.601	91.165	13.540	2.45	81.52
2.51	0.37	82.99	96.71	16.02	52.906	91.361	13.689	2.49	82.99
2.52	0.37	84.46	97.08	16.28	52.239	91.554	13.838	2.53	84.46
2.53	0.37	85.92	97.45	16.54	51.602	91.745	13.988	2.56	85.92
2.54	0.37	87.38	97.82	16.81	51.000	91.934	14.139	2.59	87.38
2.55	0.37	88.83	98.19	17.08	50.425	92.120	14.290	2.62	88.83
2.56	0.37	90.28	98.56	17.35	49.864	92.305	14.442	2.65	90.28
2.57	0.36	91.72	98.92	17.63	49.317	92.482	14.590	2.61	91.72
2.58	0.36	93.15	99.28	17.90	48.779	92.658	14.739	2.64	93.15
2.59	0.36	94.58	99.64	18.18	48.249	92.832	14.889	2.66	94.58
2.60	0.36	96.00	100.00	18.46	47.726	93.003	15.038	2.69	96.00

		CLEAN COAL ASH %	15.04	REFUSE ASH %	63.89
HEAD ASH %	18.46	CLEAN COAL YIELD%	93.00	REFUSE YIELD%	7.00
THEO. YIELD	95.27	ECART PROB MOYEN	0.4503		
SG OF SEPARATION	2.472	IMPERFECTION	0.382		
NEAR GRAVITY MAT	7.565				
ORGANIC EFFCY.	97.62				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 2 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.23 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	3.31	0.16	3.31	0.16	99.521	3.294	0.160	0.20	0.16
1.25	3.28	0.30	6.59	0.23	99.485	6.557	0.230	0.21	0.30
1.26	3.24	0.44	9.83	0.30	99.448	9.779	0.299	0.23	0.44
1.27	3.20	0.59	13.03	0.37	99.410	12.960	0.370	0.24	0.59
1.28	3.14	0.73	16.17	0.44	99.372	16.081	0.440	0.25	0.73
1.29	3.08	0.87	19.25	0.51	99.333	19.140	0.509	0.26	0.87
1.30	3.00	1.01	22.25	0.58	99.294	22.119	0.576	0.27	1.01
1.31	2.91	1.14	25.16	0.64	99.253	25.007	0.641	0.28	1.14
1.32	2.82	1.50	27.98	0.73	99.212	27.805	0.728	0.28	1.50
1.33	2.71	2.06	30.69	0.85	99.171	30.493	0.845	0.29	2.06
1.34	2.60	2.62	33.29	0.98	99.128	33.070	0.984	0.29	2.62
1.35	2.47	3.17	35.76	1.14	99.087	35.517	1.134	0.29	3.17
1.36	2.33	3.72	38.09	1.29	99.044	37.825	1.292	0.28	3.72
1.37	2.19	4.27	40.28	1.46	99.000	39.993	1.453	0.28	4.27
1.38	2.03	4.81	42.31	1.62	98.956	42.002	1.614	0.27	4.81
1.39	1.87	5.35	44.18	1.77	98.911	43.852	1.772	0.26	5.35
1.40	1.69	5.88	45.87	1.93	98.864	45.522	1.922	0.24	5.88
1.41	1.58	6.34	47.45	2.07	98.816	47.084	2.069	0.24	6.34
1.42	1.55	6.79	49.00	2.22	98.766	48.615	2.218	0.24	6.79
1.43	1.52	7.23	50.52	2.37	98.715	50.115	2.368	0.25	7.23
1.44	1.49	7.67	52.01	2.52	98.661	51.585	2.519	0.25	7.67
1.45	1.46	8.11	53.47	2.68	98.606	53.026	2.670	0.26	8.11
1.46	1.44	8.84	54.91	2.84	98.546	54.444	2.831	0.27	8.84
1.47	1.42	9.56	56.33	3.01	98.484	55.842	3.000	0.27	9.56
1.48	1.40	10.28	57.73	3.18	98.419	57.220	3.175	0.28	10.28
1.49	1.38	11.00	59.11	3.37	98.351	58.577	3.356	0.29	11.00
1.50	1.37	11.71	60.48	3.56	98.279	59.924	3.544	0.30	11.71
1.51	1.39	12.25	61.87	3.75	98.203	61.289	3.738	0.32	12.25
1.52	1.41	12.79	63.28	3.95	98.124	62.672	3.938	0.34	12.79
1.53	1.43	13.33	64.71	4.16	98.040	64.074	4.143	0.36	13.33
1.54	1.42	13.86	66.13	4.37	97.951	65.465	4.350	0.37	13.86
1.55	1.39	14.39	67.52	4.57	97.858	66.826	4.554	0.38	14.39
1.56	1.35	15.53	68.87	4.79	97.760	68.145	4.767	0.38	15.53
1.57	1.29	16.65	70.16	5.01	97.656	69.405	4.982	0.38	16.65
1.58	1.22	17.77	71.38	5.23	97.548	70.595	5.198	0.38	17.77
1.59	1.12	18.88	72.50	5.44	97.433	71.686	5.406	0.37	18.88
1.60	1.01	19.99	73.51	5.64	97.313	72.669	5.604	0.35	19.99
1.61	0.87	21.30	74.38	5.82	97.186	73.515	5.784	0.31	21.30
1.62	0.73	22.60	75.11	5.98	97.053	74.223	5.945	0.27	22.60
1.63	0.61	23.90	75.72	6.13	96.914	74.814	6.086	0.24	23.90
1.64	0.51	25.19	76.23	6.25	96.768	75.308	6.212	0.21	25.19
1.65	0.42	26.47	76.65	6.37	96.614	75.714	6.320	0.18	26.47
1.66	0.35	26.96	77.00	6.46	96.453	76.051	6.412	0.16	26.96
1.67	0.30	27.44	77.30	6.54	96.285	76.340	6.491	0.14	27.44
1.68	0.27	27.93	77.57	6.61	96.109	76.600	6.564	0.13	27.93
1.69	0.25	28.41	77.82	6.68	95.804	76.839	6.632	0.13	28.41
1.70	0.25	28.89	78.07	6.76	95.587	77.078	6.701	0.14	28.89
1.71	0.26	29.64	78.33	6.83	95.353	77.326	6.775	0.15	29.64
1.72	0.26	30.36	78.59	6.91	95.104	77.573	6.850	0.16	30.36

1.73	0.26	31.05	78.85	6.99	94.843	77.820	6.927	0.17	31.05
1.74	0.26	31.69	79.11	7.07	94.575	78.066	7.005	0.18	31.69
1.75	0.25	32.29	79.36	7.15	94.301	78.302	7.081	0.18	32.29
1.76	0.25	32.85	79.61	7.23	94.025	78.537	7.158	0.19	32.85
1.77	0.24	33.38	79.85	7.31	93.750	78.762	7.233	0.19	33.38
1.78	0.22	33.89	80.07	7.38	93.486	78.967	7.302	0.18	33.89
1.79	0.21	34.39	80.28	7.45	93.233	79.163	7.369	0.18	34.39
1.80	0.19	34.88	80.47	7.52	92.983	79.340	7.430	0.17	34.88
1.81	0.18	35.31	80.65	7.58	92.725	79.507	7.489	0.17	35.31
1.82	0.18	35.74	80.83	7.64	92.451	79.673	7.548	0.17	35.74
1.83	0.17	36.18	81.00	7.70	92.151	79.830	7.604	0.17	36.18
1.84	0.17	36.60	81.17	7.76	91.815	79.986	7.661	0.18	36.60
1.85	0.17	37.03	81.34	7.82	91.435	80.141	7.718	0.19	37.03
1.86	0.16	37.70	81.50	7.88	91.000	80.287	7.772	0.18	37.70
1.87	0.16	38.37	81.66	7.94	90.526	80.432	7.827	0.19	38.37
1.88	0.15	39.03	81.81	8.00	90.037	80.567	7.880	0.19	39.03
1.89	0.15	39.69	81.96	8.06	89.535	80.701	7.932	0.20	39.69
1.90	0.14	40.35	82.10	8.11	89.021	80.826	7.982	0.20	40.35
1.91	0.13	40.80	82.23	8.16	88.499	80.941	8.029	0.19	40.80
1.92	0.11	41.26	82.34	8.21	87.969	81.037	8.069	0.17	41.26
1.93	0.10	41.72	82.44	8.25	87.436	81.125	8.105	0.16	41.72
1.94	0.09	42.17	82.53	8.29	86.899	81.203	8.138	0.15	42.17
1.95	0.08	42.62	82.61	8.32	86.362	81.272	8.167	0.14	42.62
1.96	0.08	43.39	82.69	8.35	85.827	81.341	8.197	0.14	43.39
1.97	0.09	44.15	82.78	8.39	85.296	81.418	8.231	0.17	44.15
1.98	0.09	44.91	82.87	8.43	84.771	81.494	8.265	0.17	44.91
1.99	0.11	45.67	82.98	8.48	84.255	81.587	8.308	0.22	45.67
2.00	0.12	46.42	83.10	8.54	83.748	81.687	8.354	0.25	46.42
2.01	0.15	46.87	83.25	8.60	83.495	81.812	8.413	0.31	46.87
2.02	0.19	47.32	83.44	8.69	82.993	81.970	8.488	0.41	47.32
2.03	0.21	47.77	83.65	8.79	82.493	82.143	8.571	0.47	47.77
2.04	0.23	48.21	83.88	8.90	81.996	82.332	8.662	0.53	48.21
2.05	0.25	48.66	84.13	9.02	81.499	82.536	8.761	0.59	48.66
2.06	0.25	49.60	84.38	9.14	81.004	82.738	8.861	0.60	49.60
2.07	0.25	50.55	84.63	9.26	80.510	82.939	8.962	0.62	50.55
2.08	0.24	51.48	84.87	9.38	80.016	83.131	9.060	0.61	51.48
2.09	0.22	52.42	85.09	9.49	79.521	83.306	9.151	0.57	52.42
2.10	0.20	53.35	85.29	9.59	79.027	83.464	9.235	0.53	53.35
2.11	0.17	54.28	85.46	9.68	78.531	83.598	9.307	0.46	54.28
2.12	0.13	55.21	85.59	9.75	78.034	83.699	9.362	0.36	55.21
2.13	0.11	56.14	85.70	9.81	77.535	83.785	9.410	0.31	56.14
2.14	0.08	57.06	85.78	9.85	77.034	83.846	9.445	0.23	57.06
2.15	0.06	57.98	85.84	9.89	76.530	83.892	9.472	0.18	57.98
2.16	0.04	58.89	85.88	9.91	76.024	83.923	9.489	0.12	58.89
2.17	0.03	59.80	85.91	9.93	75.514	83.945	9.503	0.09	59.80
2.18	0.02	60.71	85.93	9.94	75.000	83.960	9.512	0.06	60.71
2.19	0.01	61.61	85.94	9.95	74.476	83.968	9.517	0.03	61.61
2.20	0.01	62.51	85.95	9.95	73.937	83.975	9.521	0.03	62.51
2.21	0.01	63.00	85.96	9.96	73.382	83.982	9.526	0.03	63.00
2.22	0.01	63.50	85.97	9.97	72.815	83.990	9.531	0.03	63.50
2.23	0.02	63.99	85.99	9.98	72.235	84.004	9.540	0.07	63.99
2.24	0.03	64.48	86.02	10.00	71.643	84.026	9.554	0.11	64.48
2.25	0.04	64.97	86.06	10.02	71.041	84.054	9.573	0.15	64.97
2.26	0.06	65.46	86.12	10.06	70.429	84.096	9.601	0.23	65.46
2.27	0.08	65.94	86.20	10.11	69.808	84.152	9.638	0.31	65.94
2.28	0.10	66.42	86.30	10.18	69.180	84.221	9.685	0.39	66.42
2.29	0.13	66.90	86.43	10.26	68.545	84.310	9.746	0.52	66.90
2.30	0.16	67.38	86.59	10.37	67.905	84.419	9.820	0.65	67.38
2.31	0.48	67.58	87.07	10.68	67.260	84.742	10.040	2.00	67.58
2.32	0.47	67.77	87.54	10.99	66.611	85.055	10.252	2.00	67.77
2.33	0.47	67.96	88.01	11.29	65.960	85.365	10.462	2.03	67.96
2.34	0.47	68.16	88.48	11.60	65.307	85.672	10.669	2.07	68.16

2.35	0.47	68.35	88.95	11.90	64.653	85.976	10.872	2.11	68.35
2.36	0.47	68.54	89.42	12.19	64.000	86.277	11.074	2.15	68.54
2.37	0.46	68.73	89.88	12.48	63.332	86.568	11.268	2.14	68.73
2.38	0.46	68.92	90.34	12.77	62.638	86.856	11.459	2.19	68.92
2.39	0.46	69.11	90.80	13.06	61.920	87.141	11.647	2.23	69.11
2.40	0.46	69.30	91.26	13.34	61.183	87.422	11.833	2.27	69.30
2.41	0.46	69.49	91.72	13.62	60.431	87.700	12.016	2.31	69.49
2.42	0.45	69.67	92.17	13.90	59.667	87.969	12.192	2.31	69.67
2.43	0.45	69.86	92.62	14.17	58.895	88.234	12.365	2.35	69.86
2.44	0.45	70.04	93.07	14.44	58.119	88.495	12.535	2.40	70.04
2.45	0.45	70.23	93.52	14.71	57.344	88.754	12.703	2.44	70.23
2.46	0.45	71.99	93.97	14.98	56.572	89.008	12.873	2.49	71.99
2.47	0.45	73.75	94.42	15.26	55.808	89.259	13.044	2.53	73.75
2.48	0.44	75.51	94.86	15.54	55.056	89.501	13.213	2.51	75.51
2.49	0.44	77.25	95.30	15.82	54.319	89.740	13.384	2.56	77.25
2.50	0.44	78.99	95.74	16.12	53.601	89.976	13.555	2.60	78.99
2.51	0.44	80.72	96.18	16.41	52.906	90.209	13.729	2.64	80.72
2.52	0.44	82.44	96.62	16.71	52.239	90.439	13.903	2.67	82.44
2.53	0.43	84.16	97.05	17.01	51.602	90.661	14.075	2.65	84.16
2.54	0.43	85.87	97.48	17.31	51.000	90.880	14.249	2.68	85.87
2.55	0.43	87.58	97.91	17.62	50.425	91.097	14.423	2.71	87.58
2.56	0.43	89.28	98.34	17.94	49.864	91.311	14.599	2.74	89.28
2.57	0.43	90.97	98.77	18.25	49.317	91.523	14.776	2.77	90.97
2.58	0.43	92.65	99.20	18.58	48.779	91.733	14.954	2.80	92.65
2.59	0.42	94.33	99.62	18.90	48.249	91.936	15.129	2.76	94.33
2.60	0.42	96.00	100.04	19.22	47.726	92.136	15.305	2.79	96.00

HEAD ASH %	19.22	CLEAN COAL ASH %	15.30	REFUSE ASH %	65.08
THEO. YIELD	94.49	CLEAN COAL YIELD%	92.14	REFUSE YIELD%	7.86
SG OF SEPARATION	2.472	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	8.885	IMPERFECTION	0.382		
ORGANIC EFFCY.	97.51				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 3 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

---------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 23.00 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.97	0.49	0.97	0.49	99.521	0.965	0.490	0.11	0.49
1.25	0.97	0.96	1.94	0.72	99.485	1.930	0.725	0.12	0.96
1.26	0.96	1.42	2.90	0.96	99.448	2.885	0.955	0.13	1.42
1.27	0.95	1.89	3.85	1.19	99.410	3.829	1.186	0.13	1.89
1.28	0.94	2.35	4.79	1.41	99.372	4.764	1.414	0.14	2.35
1.29	0.94	2.80	5.73	1.64	99.333	5.697	1.641	0.15	2.80
1.30	0.93	3.26	6.66	1.87	99.294	6.621	1.867	0.16	3.26
1.31	0.92	3.71	7.58	2.09	99.253	7.534	2.090	0.16	3.71
1.32	0.92	3.96	8.50	2.29	99.212	8.447	2.292	0.17	3.96
1.33	0.91	4.00	9.41	2.46	99.171	9.349	2.457	0.18	4.00
1.34	0.90	4.05	10.31	2.60	99.129	10.241	2.596	0.19	4.05
1.35	0.89	4.10	11.20	2.72	99.087	11.123	2.715	0.19	4.10
1.36	0.89	4.15	12.09	2.82	99.044	12.005	2.821	0.20	4.15
1.37	0.88	4.20	12.97	2.92	99.000	12.876	2.914	0.21	4.20
1.38	0.88	4.24	13.85	3.00	98.956	13.747	2.998	0.22	4.24
1.39	0.87	4.29	14.72	3.08	98.911	14.607	3.074	0.22	4.29
1.40	0.86	4.34	15.58	3.15	98.864	15.457	3.144	0.23	4.34
1.41	3.26	4.44	18.84	3.37	98.816	18.679	3.367	0.91	4.44
1.42	4.12	4.54	22.96	3.58	98.766	22.748	3.577	1.20	4.54
1.43	4.74	4.64	27.70	3.76	98.715	27.427	3.758	1.44	4.64
1.44	5.11	4.74	32.81	3.91	98.661	32.469	3.911	1.62	4.74
1.45	5.25	4.84	38.06	4.04	98.605	37.645	4.039	1.74	4.84
1.46	5.16	5.73	43.22	4.24	98.546	42.730	4.240	1.78	5.73
1.47	4.82	6.61	48.04	4.48	98.484	47.477	4.477	1.73	6.61
1.48	4.24	7.48	52.28	4.72	98.419	51.650	4.719	1.59	7.48
1.49	3.43	8.35	55.71	4.95	98.351	55.024	4.942	1.34	8.35
1.50	2.37	9.21	58.08	5.12	98.279	57.353	5.115	0.97	9.21
1.51	1.74	9.95	59.82	5.26	98.203	59.062	5.255	0.74	9.95
1.52	1.70	10.69	61.52	5.41	98.124	60.730	5.405	0.76	10.69
1.53	1.65	11.42	63.17	5.57	98.040	62.347	5.561	0.77	11.42
1.54	1.60	12.14	64.77	5.73	97.951	63.915	5.722	0.78	12.14
1.55	1.55	12.86	66.32	5.90	97.858	65.431	5.887	0.79	12.86
1.56	1.50	13.47	67.82	6.06	97.760	66.898	6.054	0.80	13.47
1.57	1.45	14.07	69.27	6.23	97.656	68.314	6.220	0.81	14.07
1.58	1.40	14.66	70.67	6.40	97.548	69.679	6.385	0.81	14.66
1.59	1.35	15.26	72.02	6.57	97.433	70.995	6.550	0.82	15.26
1.60	1.30	15.85	73.32	6.73	97.313	72.260	6.712	0.83	15.85
1.61	1.29	16.39	74.61	6.90	97.186	73.514	6.878	0.86	16.39
1.62	1.33	16.92	75.94	7.07	97.053	74.804	7.051	0.93	16.92
1.63	1.34	17.45	77.28	7.25	96.914	76.103	7.228	0.98	17.45
1.64	1.33	17.98	78.61	7.43	96.768	77.390	7.407	1.02	17.98
1.65	1.31	18.51	79.92	7.62	96.614	78.656	7.586	1.05	18.51
1.66	1.26	19.34	81.18	7.80	96.453	79.871	7.765	1.06	19.34
1.67	1.19	20.17	82.37	7.98	96.285	81.017	7.940	1.05	20.17
1.68	1.11	21.00	83.48	8.15	96.109	82.084	8.110	1.02	21.00
1.69	1.00	21.82	84.48	8.31	95.804	83.042	8.268	0.99	21.82
1.70	0.87	22.64	85.35	8.46	95.587	83.873	8.410	0.91	22.64
1.71	0.76	23.57	86.11	8.59	95.353	84.598	8.540	0.84	23.57
1.72	0.68	24.49	86.79	8.72	95.104	85.245	8.661	0.79	24.49

1.73	0.61	25.41	87.40	8.83	94.843	85.823	8.774	0.75	25.41
1.74	0.54	26.33	87.94	8.94	94.575	86.334	8.878	0.69	26.33
1.75	0.47	27.23	88.41	9.04	94.301	86.777	8.972	0.63	27.23
1.76	0.42	27.98	88.83	9.13	94.025	87.172	9.058	0.59	27.98
1.77	0.36	28.71	89.19	9.21	93.750	87.509	9.134	0.53	28.71
1.78	0.32	29.45	89.51	9.28	93.486	87.809	9.203	0.49	29.45
1.79	0.27	30.18	89.78	9.34	93.233	88.060	9.263	0.43	30.18
1.80	0.24	30.90	90.02	9.40	92.983	88.284	9.318	0.40	30.90
1.81	0.22	31.83	90.24	9.45	92.725	88.488	9.369	0.38	31.83
1.82	0.22	32.75	90.46	9.51	92.451	88.691	9.423	0.39	32.75
1.83	0.22	33.66	90.68	9.57	92.151	88.894	9.478	0.41	33.66
1.84	0.22	34.57	90.90	9.63	91.815	89.096	9.535	0.43	34.57
1.85	0.21	35.48	91.11	9.69	91.435	89.288	9.591	0.43	35.48
1.86	0.20	36.07	91.31	9.75	91.000	89.470	9.645	0.43	36.07
1.87	0.19	36.66	91.50	9.80	90.526	89.642	9.697	0.43	36.66
1.88	0.17	37.25	91.67	9.85	90.037	89.795	9.744	0.40	37.25
1.89	0.16	37.83	91.83	9.90	89.535	89.938	9.788	0.40	37.83
1.90	0.14	38.41	91.97	9.94	89.021	90.063	9.828	0.36	38.41
1.91	0.12	38.70	92.09	9.98	88.499	90.169	9.862	0.33	38.70
1.92	0.12	38.99	92.21	10.02	87.969	90.274	9.896	0.34	38.99
1.93	0.11	39.28	92.32	10.05	87.436	90.371	9.927	0.33	39.28
1.94	0.11	39.57	92.43	10.09	86.899	90.466	9.959	0.34	39.57
1.95	0.11	39.85	92.54	10.13	86.362	90.561	9.990	0.36	39.85
1.96	0.11	41.03	92.65	10.16	85.827	90.656	10.022	0.37	41.03
1.97	0.11	42.21	92.76	10.20	85.296	90.749	10.056	0.38	42.21
1.98	0.12	43.38	92.88	10.24	84.771	90.851	10.093	0.43	43.38
1.99	0.13	44.54	93.01	10.29	84.255	90.961	10.134	0.49	44.54
2.00	0.14	45.70	93.15	10.34	83.748	91.078	10.180	0.54	45.70
2.01	0.14	46.59	93.29	10.40	83.495	91.185	10.227	0.55	46.59
2.02	0.15	47.48	93.44	10.46	82.993	91.319	10.278	0.60	47.48
2.03	0.16	48.36	93.60	10.52	82.493	91.451	10.333	0.66	48.36
2.04	0.16	49.24	93.76	10.59	81.996	91.582	10.388	0.68	49.24
2.05	0.16	50.11	93.92	10.66	81.499	91.713	10.445	0.70	50.11
2.06	0.16	50.75	94.08	10.72	81.004	91.842	10.502	0.72	50.75
2.07	0.16	51.38	94.24	10.79	80.510	91.971	10.559	0.74	51.38
2.08	0.15	52.01	94.39	10.86	80.016	92.091	10.613	0.71	52.01
2.09	0.15	52.64	94.54	10.92	79.521	92.211	10.667	0.73	52.64
2.10	0.14	53.27	94.68	10.99	79.027	92.321	10.718	0.70	53.27
2.11	0.13	53.27	94.81	11.05	78.531	92.423	10.765	0.66	53.27
2.12	0.13	53.27	94.94	11.10	78.034	92.525	10.812	0.68	53.27
2.13	0.13	53.27	95.07	11.16	77.535	92.626	10.858	0.69	53.27
2.14	0.13	53.27	95.20	11.22	77.034	92.726	10.904	0.71	53.27
2.15	0.13	53.27	95.33	11.28	76.530	92.825	10.949	0.72	53.27
2.16	0.13	53.27	95.46	11.33	76.024	92.924	10.994	0.74	53.27
2.17	0.13	53.27	95.59	11.39	75.514	93.022	11.039	0.75	53.27
2.18	0.12	53.27	95.71	11.44	75.000	93.112	11.080	0.71	53.27
2.19	0.12	53.27	95.83	11.49	74.476	93.202	11.120	0.73	53.27
2.20	0.12	53.27	95.95	11.55	73.937	93.290	11.160	0.74	53.27
2.21	0.12	53.27	96.07	11.60	73.382	93.378	11.200	0.76	53.27
2.22	0.12	53.27	96.19	11.65	72.815	93.466	11.239	0.77	53.27
2.23	0.12	53.27	96.31	11.70	72.235	93.552	11.278	0.79	53.27
2.24	0.12	53.27	96.43	11.75	71.643	93.638	11.317	0.81	53.27
2.25	0.12	53.27	96.55	11.81	71.041	93.724	11.358	0.82	53.27
2.26	0.12	53.27	96.67	11.86	70.429	93.808	11.393	0.84	53.27
2.27	0.12	53.27	96.79	11.91	69.808	93.892	11.430	0.86	53.27
2.28	0.12	53.28	96.91	11.96	69.180	93.975	11.467	0.88	53.28
2.29	0.12	53.28	97.03	12.01	68.545	94.057	11.504	0.89	53.28
2.30	0.12	53.28	97.15	12.06	67.905	94.139	11.540	0.91	53.28
2.31	0.12	53.28	97.27	12.11	67.260	94.219	11.576	0.93	53.28
2.32	0.12	53.28	97.39	12.16	66.611	94.299	11.611	0.95	53.28
2.33	.12	53.28	97.51	12.21	65.960	94.378	11.646	.7	53.28
2.34	.12	53.28	97.63	12.27	65.307	94.457	11.681	.99	53.28

2.35	0.12	53.28	97.75	12.32	64.653	94.534	11.715	1.01	53.28
2.36	0.09	55.07	97.84	12.35	64.000	94.592	11.741	0.77	55.07
2.37	0.09	56.86	97.93	12.40	63.332	94.649	11.768	0.78	56.86
2.38	0.09	58.64	98.02	12.44	62.638	94.705	11.796	0.80	58.64
2.39	0.09	60.41	98.11	12.48	61.920	94.761	11.825	0.81	60.41
2.40	0.09	62.17	98.20	12.53	61.183	94.816	11.854	0.83	62.17
2.41	0.09	63.93	98.29	12.57	60.431	94.871	11.884	0.84	63.93
2.42	0.09	65.68	98.38	12.62	59.667	94.924	11.914	0.86	65.68
2.43	0.09	67.42	98.47	12.67	58.895	94.977	11.945	0.88	67.42
2.44	0.09	69.16	98.56	12.73	58.119	95.030	11.977	0.89	69.16
2.45	0.09	70.89	98.65	12.78	57.344	95.081	12.009	0.91	70.89
2.46	0.09	72.61	98.74	12.83	56.572	95.132	12.041	0.93	72.61
2.47	0.09	74.32	98.83	12.89	55.808	95.182	12.074	0.94	74.32
2.48	0.09	76.03	98.92	12.95	55.056	95.232	12.107	0.96	76.03
2.49	0.09	77.73	99.01	13.01	54.319	95.281	12.141	0.97	77.73
2.50	0.09	79.43	99.10	13.07	53.601	95.329	12.175	0.99	79.43
2.51	0.09	81.11	99.19	13.13	52.906	95.377	12.209	1.00	81.11
2.52	0.09	82.79	99.28	13.19	52.239	95.424	12.244	1.02	82.79
2.53	0.09	84.47	99.37	13.25	51.602	95.470	12.279	1.03	84.47
2.54	0.09	86.13	99.46	13.32	51.000	95.516	12.315	1.05	86.13
2.55	0.09	87.79	99.55	13.39	50.425	95.561	12.351	1.06	87.79
2.56	0.09	89.45	99.64	13.46	49.864	95.606	12.387	1.07	89.45
2.57	0.09	91.10	99.73	13.53	49.317	95.651	12.423	1.08	91.10
2.58	0.09	92.74	99.82	13.60	48.779	95.694	12.460	1.09	92.74
2.59	0.09	94.37	99.91	13.67	48.249	95.738	12.497	1.10	94.37
2.60	0.09	96.00	100.00	13.75	47.726	95.781	12.535	1.12	96.00

		CLEAN COAL ASH %	12.53	REFUSE ASH %	41.22
HEAD ASH %	13.75	CLEAN COAL YIELD%	95.78	REFUSE YIELD%	4.22
THEO. YIELD	98.21	ECART PROB. MOYEN	0.4503		
SG OF SEPARATION	2.401	IMPERFECTION	0.382		
NEAR GRAVITY MAT	1.946				
ORGANIC EFFCY.	97.52				

(1)

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 5 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.65 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.36	0.08	0.36	0.08	99.521	0.358	0.080	0.03	0.08
1.25	0.49	0.15	0.85	0.12	99.485	0.846	0.120	0.05	0.15
1.26	0.63	0.21	1.48	0.16	99.448	1.472	0.158	0.07	0.21
1.27	0.76	0.28	2.24	0.20	99.410	2.228	0.200	0.09	0.28
1.28	0.90	0.35	3.14	0.24	99.372	3.122	0.243	0.11	0.35
1.29	1.03	0.41	4.17	0.28	99.333	4.145	0.284	0.14	0.41
1.30	1.17	0.48	5.34	0.33	99.294	5.307	0.327	0.17	0.48
1.31	1.31	0.55	6.65	0.37	99.253	6.607	0.371	0.20	0.55
1.32	1.45	0.79	8.10	0.45	99.212	8.046	0.446	0.23	0.79
1.33	1.59	1.21	9.69	0.57	99.171	9.623	0.571	0.26	1.21
1.34	1.73	1.63	11.42	0.73	99.129	11.338	0.731	0.30	1.63
1.35	1.87	2.05	13.29	0.92	99.087	13.190	0.916	0.34	2.05
1.36	2.01	2.46	15.30	1.12	99.044	15.181	1.119	0.38	2.46
1.37	2.15	2.87	17.45	1.34	99.000	17.310	1.334	0.43	2.87
1.38	2.29	3.28	19.74	1.56	98.956	19.576	1.559	0.48	3.28
1.39	2.44	3.68	22.18	1.79	98.911	21.989	1.792	0.53	3.68
1.40	2.58	4.09	24.76	2.03	98.864	24.540	2.031	0.59	4.09
1.41	3.01	4.25	27.77	2.27	98.816	27.514	2.271	0.71	4.25
1.42	3.62	4.42	31.39	2.52	98.766	31.090	2.518	0.89	4.42
1.43	4.07	4.59	35.46	2.76	98.715	35.107	2.755	1.05	4.59
1.44	4.35	4.75	39.81	2.98	98.661	39.399	2.972	1.17	4.75
1.45	4.46	4.92	44.27	3.17	98.605	43.797	3.168	1.25	4.92
1.46	4.42	5.82	48.69	3.41	98.546	48.153	3.408	1.29	5.82
1.47	4.21	6.71	52.90	3.67	98.484	52.299	3.670	1.28	6.71
1.48	3.84	7.60	56.74	3.94	98.419	56.078	3.935	1.22	7.60
1.49	3.30	8.48	60.04	4.19	98.351	59.324	4.183	1.09	8.48
1.50	2.60	9.36	62.64	4.40	98.279	61.879	4.397	0.90	9.36
1.51	2.15	10.30	64.79	4.60	98.203	63.990	4.592	0.77	10.30
1.52	2.05	11.23	66.84	4.80	98.124	66.002	4.794	0.77	11.23
1.53	1.94	12.16	68.78	5.01	98.040	67.904	5.000	0.76	12.16
1.54	1.82	13.08	70.60	5.22	97.951	69.686	5.207	0.75	13.08
1.55	1.69	14.00	72.29	5.42	97.858	71.340	5.411	0.72	14.00
1.56	1.55	14.84	73.84	5.62	97.760	72.856	5.607	0.70	14.84
1.57	1.40	15.68	75.24	5.81	97.656	74.223	5.793	0.66	15.68
1.58	1.29	16.51	76.49	5.98	97.548	75.442	5.966	0.61	16.51
1.59	1.08	17.34	77.57	6.14	97.433	76.494	6.122	0.55	17.34
1.60	0.91	18.16	78.48	6.28	97.313	77.380	6.260	0.49	18.16
1.61	0.83	19.18	79.31	6.42	97.186	78.187	6.393	0.47	19.18
1.62	0.83	20.18	80.14	6.56	97.053	78.992	6.534	0.49	20.18
1.63	0.82	21.18	80.96	6.71	96.914	79.787	6.680	0.51	21.18
1.64	0.80	22.17	81.76	6.86	96.768	80.561	6.829	0.52	22.17
1.65	0.76	23.16	82.52	7.01	96.614	81.295	6.976	0.52	23.16
1.66	0.71	23.62	83.23	7.15	96.453	81.980	7.115	0.50	23.62
1.67	0.65	24.08	83.88	7.28	96.285	82.606	7.244	0.48	24.08
1.68	0.57	24.53	84.45	7.40	96.109	83.154	7.358	0.44	24.53
1.69	0.47	24.99	84.92	7.50	95.804	83.604	7.453	0.39	24.99
1.70	0.37	25.44	85.29	7.57	95.587	83.958	7.528	0.33	25.44
1.71	.31	25.85	85.60	7.64	95.353	84.253	7.593	9	25.85
1.72	.30	26.27	85.90	7.70	95.104	84.539	7.656	:9	26.27

1.73	0.30	26.68	86.20	7.77	94.843	84.823	7.720	0.31	26.68
1.74	0.30	27.09	86.50	7.84	94.575	85.107	7.784	0.33	27.09
1.75	0.29	27.49	86.79	7.90	94.301	85.380	7.847	0.33	27.49
1.76	0.28	28.47	87.07	7.97	94.025	85.644	7.911	0.33	28.47
1.77	0.27	29.45	87.34	8.04	93.750	85.897	7.974	0.34	29.45
1.78	0.26	30.42	87.60	8.10	93.486	86.140	8.037	0.34	30.42
1.79	0.25	31.38	87.85	8.17	93.233	86.373	8.100	0.34	31.38
1.80	0.23	32.34	88.08	8.23	92.983	86.587	8.160	0.32	32.34
1.81	0.23	33.11	88.31	8.30	92.725	86.800	8.222	0.33	33.11
1.82	0.24	33.87	88.55	8.37	92.451	87.022	8.287	0.36	33.87
1.83	0.24	34.63	88.79	8.44	92.151	87.243	8.354	0.38	34.63
1.84	0.24	35.39	89.03	8.51	91.815	87.463	8.422	0.39	35.39
1.85	0.23	36.14	89.26	8.58	91.435	87.674	8.488	0.39	36.14
1.86	0.23	36.92	89.49	8.65	91.000	87.883	8.556	0.41	36.92
1.87	0.21	37.69	89.70	8.72	90.526	88.073	8.619	0.40	37.69
1.88	0.20	38.46	89.90	8.79	90.037	88.253	8.680	0.40	38.46
1.89	0.18	39.22	90.08	8.85	89.535	88.414	8.736	0.38	39.22
1.90	0.16	39.98	90.24	8.90	89.021	88.557	8.786	0.35	39.98
1.91	0.14	40.59	90.38	8.95	88.499	88.681	8.830	0.32	40.59
1.92	0.14	41.19	90.52	9.00	87.969	88.804	8.875	0.34	41.19
1.93	0.13	41.79	90.65	9.05	87.436	88.917	8.917	0.33	41.79
1.94	0.13	42.39	90.78	9.10	86.899	89.030	8.960	0.34	42.39
1.95	0.12	42.99	90.90	9.14	86.362	89.134	8.999	0.33	42.99
1.96	0.12	43.89	91.02	9.19	85.827	89.237	9.039	0.34	43.89
1.97	0.12	44.79	91.14	9.23	85.296	89.339	9.080	0.35	44.79
1.98	0.13	45.68	91.27	9.29	84.771	89.450	9.126	0.40	45.68
1.99	0.13	46.57	91.40	9.34	84.255	89.559	9.171	0.41	46.57
2.00	0.13	47.45	91.53	9.39	83.748	89.668	9.218	0.42	47.45
2.01	0.14	48.10	91.67	9.45	83.495	89.785	9.268	0.46	48.10
2.02	0.14	48.74	91.81	9.51	82.993	89.901	9.319	0.48	48.74
2.03	0.15	49.38	91.96	9.58	82.493	90.025	9.374	0.53	49.38
2.04	0.15	50.02	92.11	9.64	81.996	90.148	9.430	0.54	50.02
2.05	0.15	50.65	92.26	9.71	81.499	90.270	9.486	0.56	50.65
2.06	0.15	51.47	92.41	9.78	81.004	90.392	9.542	0.57	51.47
2.07	0.15	52.29	92.56	9.85	80.510	90.512	9.599	0.59	52.29
2.08	0.15	53.11	92.71	9.92	80.016	90.632	9.657	0.60	53.11
2.09	0.14	53.92	92.85	9.98	79.521	90.744	9.711	0.57	53.92
2.10	0.14	54.72	92.99	10.05	79.027	90.854	9.766	0.59	54.72
2.11	0.12	55.58	93.11	10.11	78.531	90.949	9.813	0.52	55.58
2.12	0.10	56.44	93.21	10.16	78.034	91.027	9.853	0.44	56.44
2.13	0.08	57.29	93.29	10.20	77.535	91.089	9.886	0.36	57.29
2.14	0.06	58.14	93.35	10.23	77.034	91.135	9.910	0.28	58.14
2.15	0.05	58.98	93.40	10.26	76.530	91.173	9.931	0.23	58.98
2.16	0.04	59.82	93.44	10.28	76.024	91.204	9.947	0.19	59.82
2.17	0.03	60.66	93.47	10.29	75.514	91.226	9.960	0.15	60.66
2.18	0.02	61.49	93.49	10.30	75.000	91.241	9.968	0.10	61.49
2.19	0.01	62.32	93.50	10.31	74.476	91.249	9.973	0.05	62.32
2.20	0.01	63.15	93.51	10.32	73.937	91.256	9.977	0.05	63.15
2.21	0.01	63.53	93.52	10.32	73.382	91.263	9.981	0.05	63.53
2.22	0.01	63.92	93.53	10.33	72.815	91.271	9.986	0.05	63.92
2.23	0.01	64.30	93.54	10.33	72.235	91.278	9.990	0.06	64.30
2.24	0.02	64.68	93.56	10.34	71.643	91.292	9.999	0.11	64.68
2.25	0.02	65.06	93.58	10.36	71.041	91.306	10.007	0.12	65.06
2.26	0.03	65.44	93.61	10.37	70.429	91.328	10.020	0.18	65.44
2.27	0.05	65.82	93.66	10.40	69.808	91.362	10.041	0.30	65.82
2.28	0.06	66.19	93.72	10.44	69.180	91.404	10.067	0.37	66.19
2.29	0.08	66.57	93.80	10.49	68.545	91.459	10.101	0.50	66.57
2.30	0.10	66.94	93.90	10.55	67.905	91.527	10.143	0.64	66.94
2.31	0.14	66.94	94.04	10.63	67.260	91.621	10.201	0.92	66.94
2.32	0.15	66.94	94.19	10.72	66.611	91.721	10.263	1.00	66.94
2.33	0.16	66.94	94.35	10.82	65.960	91.826	10.328	1.09	66.94
2.34	0.17	66.94	94.52	10.92	65.307	91.937	10.396	1.18	66.94

2.35	0.17	66.94	94.69	11.02	64.653	92.047	10.464	1.20	66.94
2.36	0.18	66.94	94.87	11.12	64.000	92.162	10.535	1.30	66.94
2.37	0.19	66.94	95.06	11.24	63.332	92.283	10.608	1.39	66.94
2.38	0.20	66.94	95.26	11.35	62.638	92.408	10.685	1.50	66.94
2.39	0.21	66.94	95.47	11.47	61.920	92.538	10.764	1.60	66.94
2.40	0.22	66.94	95.69	11.60	61.183	92.673	10.845	1.71	66.94
2.41	0.23	66.94	95.92	11.73	60.431	92.812	10.929	1.82	66.94
2.42	0.23	66.94	96.15	11.87	59.667	92.949	11.012	1.86	66.94
2.43	0.24	66.94	96.39	12.00	58.895	93.090	11.097	1.97	66.94
2.44	0.25	66.94	96.64	12.15	58.119	93.236	11.184	2.10	66.94
2.45	0.26	66.94	96.90	12.29	57.344	93.385	11.273	2.22	66.94
2.46	0.18	68.93	97.08	12.40	56.572	93.486	11.336	1.56	68.93
2.47	0.18	70.92	97.26	12.51	55.808	93.587	11.400	1.59	70.92
2.48	0.19	72.89	97.45	12.62	55.056	93.692	11.468	1.71	72.89
2.49	0.19	74.86	97.64	12.75	54.319	93.795	11.538	1.74	74.86
2.50	0.20	76.82	97.84	12.88	53.601	93.902	11.613	1.86	76.82
2.51	0.20	78.77	98.04	13.01	52.906	94.008	11.688	1.89	78.77
2.52	0.21	80.72	98.25	13.16	52.239	94.117	11.769	2.01	80.72
2.53	0.21	82.65	98.46	13.30	51.602	94.226	11.850	2.03	82.65
2.54	0.21	84.58	98.67	13.46	51.000	94.333	11.933	2.06	84.58
2.55	0.22	86.50	98.89	13.62	50.425	94.444	12.020	2.18	86.50
2.56	0.22	88.42	99.11	13.78	49.864	94.554	12.109	2.21	88.42
2.57	0.23	90.32	99.34	13.96	49.317	94.667	12.203	2.33	90.32
2.58	0.23	92.22	99.57	14.14	48.779	94.779	12.297	2.36	92.22
2.59	0.23	94.12	99.80	14.33	48.249	94.890	12.393	2.38	94.12
2.60	0.24	96.00	100.04	14.52	47.726	95.005	12.494	2.51	96.00

HEAD ASH %	14.52	CLEAN COAL ASH %	12.49	REFUSE ASH %	53.09
THEO. YIELD	97.24	CLEAN COAL YIELD%	95.00	REFUSE YIELD%	5.00
SG OF SEPARATION	2.469	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	4.275	IMPERFECTION	0.382		
ORGANIC EFFCY.	97.70				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC-DDH82001 SID: 6 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 11.53 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ELEMENTAL ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.56	0.12	0.56	0.12	99.521	0.557	0.120	0.02	0.12
1.25	0.58	0.23	1.14	0.18	99.485	1.134	0.176	0.02	0.23
1.26	0.61	0.33	1.75	0.23	99.448	1.741	0.230	0.02	0.33
1.27	0.63	0.44	2.38	0.29	99.410	2.367	0.285	0.02	0.44
1.28	0.65	0.54	3.03	0.34	99.372	3.013	0.340	0.03	0.54
1.29	0.68	0.65	3.71	0.40	99.333	3.689	0.397	0.03	0.65
1.30	0.71	0.75	4.42	0.45	99.294	4.394	0.453	0.03	0.75
1.31	0.73	0.85	5.15	0.51	99.253	5.118	0.510	0.04	0.85
1.32	0.76	1.17	5.91	0.59	99.212	5.872	0.594	0.04	1.17
1.33	0.79	1.71	6.70	0.73	99.171	6.656	0.726	0.04	1.71
1.34	0.82	2.25	7.52	0.89	99.129	7.468	0.892	0.05	2.25
1.35	0.85	2.78	8.37	1.08	99.087	8.311	1.083	0.05	2.78
1.36	0.88	3.31	9.25	1.30	99.044	9.182	1.294	0.06	3.31
1.37	0.91	3.83	10.16	1.52	99.000	10.083	1.521	0.06	3.83
1.38	0.95	4.35	11.11	1.76	98.956	11.023	1.762	0.07	4.35
1.39	0.98	4.87	12.09	2.02	98.911	11.993	2.013	0.07	4.87
1.40	1.02	5.38	13.11	2.28	98.864	13.001	2.274	0.08	5.38
1.41	1.06	5.61	14.17	2.53	98.816	14.048	2.523	0.08	5.61
1.42	1.10	5.83	15.27	2.77	98.766	15.135	2.761	0.09	5.83
1.43	1.14	6.06	16.41	2.99	98.715	16.260	2.989	0.10	6.06
1.44	1.17	6.28	17.58	3.21	98.661	17.415	3.207	0.10	6.28
1.45	1.21	6.51	18.79	3.43	98.605	18.608	3.418	0.11	6.51
1.46	1.24	7.41	20.03	3.67	98.546	19.830	3.665	0.12	7.41
1.47	1.27	8.31	21.30	3.95	98.484	21.080	3.940	0.13	8.31
1.48	1.29	9.21	22.59	4.25	98.419	22.350	4.240	0.13	9.21
1.49	1.31	10.10	23.90	4.57	98.351	23.638	4.559	0.14	10.10
1.50	1.33	10.98	25.23	4.91	98.279	24.946	4.896	0.15	10.98
1.51	1.40	11.54	26.63	5.26	98.203	26.320	5.243	0.17	11.54
1.52	1.50	12.09	28.13	5.62	98.124	27.792	5.605	0.18	12.09
1.53	1.57	12.64	29.70	5.99	98.040	29.331	5.974	0.20	12.64
1.54	1.61	13.19	31.31	6.36	97.951	30.908	6.343	0.22	13.19
1.55	1.63	13.73	32.94	6.73	97.858	32.504	6.705	0.23	13.73
1.56	1.61	15.09	34.55	7.12	97.760	34.077	7.092	0.24	15.09
1.57	1.57	16.44	36.12	7.52	97.656	35.611	7.495	0.24	16.44
1.58	1.51	17.78	37.63	7.93	97.548	37.084	7.903	0.24	17.78
1.59	1.41	19.12	39.04	8.34	97.433	38.457	8.304	0.24	19.12
1.60	1.29	20.44	40.33	8.72	97.313	39.713	8.688	0.23	20.44
1.61	1.19	21.56	41.52	9.09	97.186	40.869	9.052	0.22	21.56
1.62	1.14	22.67	42.66	9.45	97.053	41.976	9.411	0.22	22.67
1.63	1.08	23.77	43.74	9.81	96.914	43.022	9.760	0.22	23.77
1.64	1.03	24.87	44.77	10.15	96.768	44.019	10.102	0.22	24.87
1.65	0.97	25.96	45.74	10.49	96.614	44.956	10.433	0.22	25.96
1.66	0.92	26.46	46.66	10.80	96.453	45.844	10.743	0.21	26.46
1.67	0.86	26.96	47.52	11.10	96.285	46.672	11.031	0.21	26.96
1.68	0.81	27.45	48.33	11.37	96.109	47.450	11.300	0.21	27.45
1.69	0.75	27.95	49.08	11.62	95.804	48.169	11.549	0.21	27.95
1.70	0.69	28.44	49.77	11.86	95.587	48.828	11.777	0.20	28.44
1.71	0.66	28.94	50.43	12.08	95.353	49.458	11.995	0.20	28.94
1.72	0.66	29.45	51.09	12.31	95.104	50.085	12.214	0.21	29.45

1.73	0.66	29.95	51.75	12.53	94.843	50.711	12.433	0.22	29.95
1.74	0.65	30.45	52.40	12.75	94.575	51.326	12.649	0.23	30.45
1.75	0.65	30.94	53.05	12.98	94.301	51.939	12.865	0.24	30.94
1.76	0.65	31.73	53.70	13.20	94.025	52.550	13.084	0.25	31.73
1.77	0.65	32.51	54.35	13.43	93.750	53.159	13.307	0.27	32.51
1.78	0.66	33.29	55.01	13.67	93.486	53.776	13.536	0.28	33.29
1.79	0.66	34.06	55.67	13.91	93.233	54.392	13.768	0.29	34.06
1.80	0.66	34.83	56.33	14.16	92.983	55.005	14.003	0.30	34.83
1.81	0.68	35.38	57.01	14.41	92.725	55.636	14.245	0.32	35.38
1.82	0.69	35.93	57.70	14.67	92.451	56.274	14.491	0.34	35.93
1.83	0.70	36.47	58.40	14.93	92.151	56.919	14.740	0.36	36.47
1.84	0.70	37.01	59.10	15.19	91.815	57.562	14.989	0.38	37.01
1.85	0.70	37.55	59.80	15.45	91.435	58.202	15.237	0.39	37.55
1.86	0.69	38.31	60.49	15.71	91.000	58.830	15.483	0.41	38.31
1.87	0.68	39.08	61.17	15.97	90.526	59.445	15.728	0.42	39.08
1.88	0.66	39.83	61.83	16.23	90.037	60.039	15.966	0.43	39.83
1.89	0.64	40.59	62.47	16.48	89.535	60.612	16.199	0.44	40.59
1.90	0.61	41.34	63.08	16.72	89.021	61.156	16.422	0.44	41.34
1.91	0.54	41.99	63.62	16.93	88.499	61.633	16.621	0.41	41.99
1.92	0.45	42.65	64.07	17.11	87.969	62.029	16.787	0.36	42.65
1.93	0.38	43.30	64.45	17.27	87.436	62.362	16.928	0.31	43.30
1.94	0.32	43.96	64.77	17.40	86.899	62.640	17.048	0.28	43.96
1.95	0.28	44.62	65.05	17.52	86.362	62.881	17.154	0.25	44.62
1.96	0.26	45.28	65.31	17.63	85.827	63.105	17.253	0.24	45.28
1.97	0.26	45.95	65.57	17.74	85.296	63.326	17.354	0.25	45.95
1.98	0.27	46.62	65.84	17.86	84.771	63.555	17.459	0.27	46.62
1.99	0.30	47.29	66.14	17.99	84.255	63.808	17.577	0.31	47.29
2.00	0.35	47.97	66.49	18.15	83.748	64.101	17.716	0.37	47.97
2.01	0.38	48.51	66.87	18.32	83.495	64.418	17.868	0.41	48.51
2.02	0.39	49.05	67.26	18.50	82.993	64.742	18.024	0.44	49.05
2.03	0.40	49.59	67.66	18.68	82.493	65.072	18.184	0.46	49.59
2.04	0.41	50.12	68.07	18.87	81.996	65.408	18.348	0.48	50.12
2.05	0.41	50.66	68.48	19.06	81.499	65.742	18.512	0.50	50.66
2.06	0.41	51.50	68.89	19.26	81.004	66.074	18.678	0.51	51.50
2.07	0.41	52.34	69.30	19.45	80.510	66.405	18.846	0.52	52.34
2.08	0.40	53.18	69.70	19.65	80.016	66.725	19.010	0.52	53.18
2.09	0.40	54.01	70.10	19.84	79.521	67.043	19.176	0.54	54.01
2.10	0.39	54.84	70.49	20.04	79.027	67.351	19.340	0.54	54.84
2.11	0.35	55.41	70.84	20.21	78.531	67.626	19.486	0.49	55.41
2.12	0.29	55.97	71.13	20.36	78.034	67.852	19.608	0.42	55.97
2.13	0.24	56.53	71.37	20.48	77.535	68.038	19.709	0.35	56.53
2.14	0.19	57.09	71.56	20.58	77.034	68.185	19.789	0.29	57.09
2.15	0.15	57.65	71.71	20.65	76.530	68.299	19.853	0.23	57.65
2.16	0.12	58.20	71.83	20.72	76.024	68.391	19.904	0.19	58.20
2.17	0.09	58.75	71.92	20.76	75.514	68.459	19.942	0.14	58.75
2.18	0.07	59.30	71.99	20.80	75.000	68.511	19.973	0.11	59.30
2.19	0.05	59.85	72.04	20.83	74.476	68.548	19.994	0.08	59.85
2.20	0.04	60.39	72.08	20.85	73.937	68.578	20.012	0.07	60.39
2.21	0.04	61.49	72.12	20.87	73.382	68.607	20.029	0.07	61.49
2.22	0.05	62.59	72.17	20.90	72.815	68.644	20.052	0.09	62.59
2.23	0.06	63.68	72.23	20.94	72.235	68.687	20.080	0.11	63.68
2.24	0.07	64.77	72.30	20.98	71.643	68.737	20.112	0.13	64.77
2.25	0.10	65.86	72.40	21.04	71.041	68.808	20.159	0.19	65.86
2.26	0.13	66.93	72.53	21.12	70.429	68.900	20.222	0.25	66.93
2.27	0.16	68.01	72.69	21.23	69.808	69.011	20.299	0.32	68.01
2.28	0.20	69.08	72.89	21.36	69.180	69.150	20.396	0.40	69.08
2.29	0.25	70.14	73.14	21.52	68.545	69.321	20.519	0.52	70.14
2.30	0.31	71.20	73.45	21.73	67.905	69.532	20.673	0.65	71.20
2.31	0.94	72.32	74.39	22.37	67.260	70.164	21.138	2.02	72.32
2.32	0.94	73.43	75.33	23.01	66.611	70.790	21.601	2.06	73.43
2.33	0.93	74.54	76.26	23.64	65.960	71.403	22.056	2.08	74.54
2.34	0.93	75.64	77.19	24.27	65.307	72.011	22.508	2.12	75.64

2.35	.92	76.73	78.11	24.88	64.653	72.606	22.952	.13	76.73
2.36	0.92	77.83	79.03	25.50	64.000	73.194	23.393	2.17	77.83
2.37	0.92	78.91	79.95	26.11	63.332	73.777	23.832	2.21	78.91
2.38	0.91	80.00	80.86	26.72	62.638	74.347	24.262	2.23	80.00
2.39	0.91	81.08	81.77	27.33	61.920	74.911	24.690	2.27	81.08
2.40	0.90	82.15	82.67	27.92	61.183	75.461	25.109	2.29	82.15
2.41	0.90	83.22	83.57	28.52	60.431	76.005	25.525	2.34	83.22
2.42	0.90	84.29	84.47	29.11	59.667	76.542	25.937	2.38	84.29
2.43	0.89	85.35	85.36	29.70	58.895	77.066	26.341	2.40	85.35
2.44	0.89	86.40	86.25	30.28	58.119	77.583	26.742	2.45	86.40
2.45	0.89	87.45	87.14	30.87	57.344	78.094	27.138	2.49	87.45
2.46	0.88	88.04	88.02	31.44	56.572	78.592	27.524	2.51	88.04
2.47	0.88	88.62	88.90	32.01	55.808	79.083	27.904	2.55	88.62
2.48	0.87	89.20	89.77	32.56	55.056	79.562	28.273	2.57	89.20
2.49	0.87	89.78	90.64	33.11	54.319	80.034	28.636	2.61	89.78
2.50	0.87	90.36	91.51	33.65	53.601	80.501	28.993	2.65	90.36
2.51	0.86	90.93	92.37	34.19	52.906	80.956	29.342	2.66	90.93
2.52	0.86	91.51	93.23	34.72	52.239	81.405	29.685	2.70	91.51
2.53	0.86	92.08	94.09	35.24	51.602	81.849	30.023	2.73	92.08
2.54	0.85	92.64	94.94	35.75	51.000	82.282	30.353	2.73	92.64
2.55	0.85	93.21	95.79	36.26	50.425	82.711	30.679	2.77	93.21
2.56	0.85	93.77	96.64	36.77	49.864	83.135	31.000	2.80	93.77
2.57	0.84	94.33	97.48	37.27	49.317	83.549	31.314	2.79	94.33
2.58	0.84	94.89	98.32	37.76	48.779	83.959	31.625	2.82	94.89
2.59	0.84	95.45	99.16	38.25	48.249	84.364	31.931	2.85	95.45
2.60	0.83	96.00	99.99	38.73	47.726	84.760	32.231	2.85	96.00

HEAD ASH %	38.73	CLEAN COAL ASH %	32.23	REFUSE ASH %	74.85
THEO. YIELD	89.29	CLEAN COAL YIELD%	84.76	REFUSE YIELD%	15.24
SG OF SEPARATION	2.474	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT.	17.502	IMPERFECTION	0.382		
ORGANIC EFFCY.	94.97				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 7 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.36 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.65	0.24	0.65	0.24	99.521	0.647	0.240	0.02	0.24
1.25	0.65	0.47	1.30	0.35	99.485	1.294	0.355	0.03	0.47
1.26	0.64	0.69	1.94	0.47	99.448	1.930	0.465	0.03	0.69
1.27	0.64	0.91	2.58	0.58	99.410	2.566	0.576	0.03	0.91
1.28	0.63	1.14	3.21	0.69	99.372	3.192	0.686	0.03	1.14
1.29	0.63	1.36	3.84	0.80	99.333	3.818	0.797	0.03	1.36
1.30	0.62	1.57	4.46	0.90	99.294	4.434	0.904	0.03	1.57
1.31	0.62	1.79	5.08	1.01	99.253	5.049	1.012	0.03	1.79
1.32	0.61	2.05	5.69	1.12	99.212	5.654	1.123	0.04	2.05
1.33	0.61	2.36	6.30	1.24	99.171	6.259	1.243	0.04	2.36
1.34	0.60	2.67	6.90	1.37	99.129	6.854	1.367	0.04	2.67
1.35	0.60	2.98	7.50	1.50	99.087	7.448	1.495	0.04	2.98
1.36	0.60	3.28	8.10	1.63	99.044	8.043	1.627	0.04	3.28
1.37	0.59	3.58	8.69	1.76	99.000	8.627	1.759	0.04	3.58
1.38	0.59	3.88	9.28	1.90	98.956	9.211	1.894	0.05	3.88
1.39	0.58	4.18	9.86	2.03	98.911	9.784	2.028	0.05	4.18
1.40	0.58	4.47	10.44	2.17	98.864	10.358	2.163	0.05	4.47
1.41	2.45	4.68	12.89	2.64	98.816	12.779	2.640	0.22	4.68
1.42	3.08	4.89	15.97	3.08	98.766	15.821	3.073	0.28	4.89
1.43	3.53	5.10	19.50	3.44	98.715	19.305	3.439	0.34	5.10
1.44	3.82	5.31	23.32	3.75	98.661	23.074	3.744	0.38	5.31
1.45	3.93	5.51	27.25	4.00	98.605	26.949	3.998	0.41	5.51
1.46	3.87	6.43	31.12	4.30	98.546	30.763	4.300	0.42	6.43
1.47	3.65	7.35	34.77	4.62	98.484	34.358	4.619	0.41	7.35
1.48	3.25	8.26	38.02	4.94	98.419	37.556	4.929	0.38	8.26
1.49	2.68	9.17	40.70	5.21	98.351	40.192	5.207	0.33	9.17
1.50	1.94	10.06	42.64	5.43	98.279	42.099	5.427	0.25	10.06
1.51	1.49	10.96	44.13	5.62	98.203	43.562	5.613	0.20	10.96
1.52	1.44	11.85	45.57	5.82	98.124	44.975	5.809	0.20	11.85
1.53	1.39	12.74	46.96	6.02	98.040	46.338	6.012	0.20	12.74
1.54	1.33	13.62	48.29	6.23	97.951	47.641	6.220	0.20	13.62
1.55	1.26	14.49	49.55	6.44	97.858	48.874	6.429	0.20	14.49
1.56	1.19	15.08	50.74	6.64	97.760	50.037	6.630	0.20	15.08
1.57	1.11	15.66	51.85	6.84	97.656	51.121	6.822	0.19	15.66
1.58	1.03	16.24	52.88	7.02	97.548	52.126	7.003	0.19	16.24
1.59	0.95	16.81	53.83	7.19	97.433	53.051	7.174	0.18	16.81
1.60	0.86	17.38	54.69	7.35	97.313	53.888	7.333	0.17	17.38
1.61	0.83	17.97	55.52	7.51	97.186	54.695	7.490	0.17	17.97
1.62	0.86	18.55	56.38	7.68	97.053	55.529	7.656	0.19	18.55
1.63	0.87	19.13	57.25	7.85	96.914	56.373	7.828	0.20	19.13
1.64	0.86	19.70	58.11	8.03	96.768	57.205	8.000	0.21	19.70
1.65	0.83	20.27	58.94	8.20	96.614	58.007	8.170	0.21	20.27
1.66	0.78	21.28	59.72	8.37	96.453	58.759	8.338	0.21	21.28
1.67	0.71	22.27	60.43	8.54	96.285	59.443	8.498	0.20	22.27
1.68	0.63	23.26	61.06	8.69	96.109	60.048	8.647	0.18	23.26
1.69	0.52	24.25	61.58	8.82	95.804	60.546	8.775	0.16	24.25
1.70	0.40	25.23	61.98	8.93	95.587	60.929	8.879	0.13	25.23
1.71	.32	26.07	62.30	9.01	95.353	61.234	8.964	1	26.07
1.72	.31	26.91	62.61	9.10	95.104	61.529	9.050	.1	26.91

1.73	0.30	27.75	62.91	9.19	94.843	61.813	9.136	0.12	27.75
1.74	0.29	28.58	63.20	9.28	94.575	62.087	9.222	0.12	28.58
1.75	0.29	29.40	63.49	9.37	94.301	62.361	9.311	0.12	29.40
1.76	0.29	30.12	63.78	9.47	94.025	62.634	9.401	0.13	30.12
1.77	0.29	30.84	64.07	9.56	93.750	62.905	9.494	0.14	30.84
1.78	0.30	31.55	64.37	9.67	93.486	63.186	9.592	0.15	31.55
1.79	0.31	32.26	64.68	9.77	93.233	63.475	9.695	0.16	32.26
1.80	0.32	32.96	65.00	9.89	92.983	63.772	9.804	0.17	32.96
1.81	0.33	33.52	65.33	10.01	92.725	64.078	9.917	0.18	33.52
1.82	0.33	34.08	65.66	10.13	92.451	64.384	10.031	0.19	34.08
1.83	0.34	34.63	66.00	10.25	92.151	64.697	10.150	0.20	34.63
1.84	0.34	35.18	66.34	10.38	91.815	65.009	10.271	0.21	35.18
1.85	0.34	35.73	66.68	10.51	91.435	65.320	10.392	0.22	35.73
1.86	0.34	36.49	67.02	10.64	91.000	65.629	10.515	0.23	36.49
1.87	0.33	37.24	67.35	10.77	90.526	65.928	10.636	0.23	37.24
1.88	0.33	37.99	67.68	10.91	90.037	66.225	10.759	0.25	37.99
1.89	0.32	38.73	68.00	11.04	89.535	66.512	10.879	0.25	38.73
1.90	0.31	39.47	68.31	11.17	89.021	66.788	10.997	0.25	39.47
1.91	0.28	39.89	68.59	11.28	88.499	67.035	11.104	0.24	39.89
1.92	0.24	40.31	68.83	11.38	87.969	67.247	11.196	0.22	40.31
1.93	0.20	40.72	69.03	11.47	87.436	67.421	11.272	0.19	40.72
1.94	0.18	41.14	69.21	11.55	86.899	67.578	11.342	0.18	41.14
1.95	0.17	41.55	69.38	11.62	86.362	67.725	11.407	0.17	41.55
1.96	0.16	42.71	69.54	11.69	85.827	67.862	11.470	0.17	42.71
1.97	0.16	43.86	69.70	11.77	85.296	67.998	11.535	0.18	43.86
1.98	0.17	45.01	69.87	11.85	84.771	68.143	11.606	0.19	45.01
1.99	0.19	46.15	70.06	11.94	84.255	68.303	11.687	0.22	46.15
2.00	0.22	47.29	70.28	12.05	83.748	68.487	11.783	0.27	47.29
2.01	0.25	48.15	70.53	12.18	83.495	68.696	11.893	0.31	48.15
2.02	0.28	49.01	70.81	12.32	82.993	68.928	12.019	0.36	49.01
2.03	0.30	49.86	71.11	12.48	82.493	69.176	12.154	0.39	49.86
2.04	0.31	50.71	71.42	12.65	81.996	69.430	12.295	0.42	50.71
2.05	0.32	51.56	71.74	12.82	81.499	69.691	12.442	0.44	51.56
2.06	0.32	52.35	72.06	13.00	81.004	69.950	12.590	0.45	52.35
2.07	0.32	53.14	72.38	13.17	80.510	70.207	12.739	0.47	53.14
2.08	0.32	53.93	72.70	13.35	80.016	70.463	12.888	0.48	53.93
2.09	0.30	54.71	73.00	13.52	79.521	70.702	13.030	0.46	54.71
2.10	0.29	55.49	73.29	13.69	79.027	70.931	13.167	0.45	55.49
2.11	0.25	56.15	73.54	13.83	78.531	71.127	13.285	0.40	56.15
2.12	0.21	56.80	73.75	13.96	78.034	71.291	13.385	0.34	56.80
2.13	0.17	57.45	73.92	14.06	77.535	71.423	13.467	0.29	57.45
2.14	0.14	58.10	74.06	14.14	77.034	71.531	13.534	0.24	58.10
2.15	0.11	58.75	74.17	14.21	76.530	71.615	13.587	0.19	58.75
2.16	0.09	59.39	74.26	14.26	76.024	71.684	13.631	0.16	59.39
2.17	0.07	60.03	74.33	14.30	75.514	71.736	13.665	0.13	60.03
2.18	0.05	60.66	74.38	14.34	75.000	71.774	13.690	0.09	60.66
2.19	0.04	61.30	74.42	14.36	74.476	71.804	13.709	0.08	61.30
2.20	0.04	61.93	74.46	14.39	73.937	71.833	13.729	0.08	61.93
2.21	0.03	62.71	74.49	14.41	73.382	71.855	13.744	0.06	62.71
2.22	0.04	63.49	74.53	14.43	72.815	71.884	13.764	0.08	63.49
2.23	0.05	64.27	74.58	14.47	72.235	71.921	13.790	0.10	64.27
2.24	0.06	65.04	74.64	14.51	71.643	71.964	13.820	0.13	65.04
2.25	0.08	65.81	74.72	14.56	71.041	72.020	13.861	0.17	65.81
2.26	0.10	66.57	74.82	14.63	70.429	72.091	13.913	0.22	66.57
2.27	0.13	67.34	74.95	14.72	69.808	72.182	13.980	0.29	67.34
2.28	0.16	68.10	75.11	14.84	69.180	72.292	14.063	0.37	68.10
2.29	0.20	68.85	75.31	14.98	68.545	72.429	14.167	0.47	68.85
2.30	0.24	69.60	75.55	15.15	67.905	72.592	14.291	0.58	69.60
2.31	0.87	70.13	76.42	15.78	67.260	73.178	14.738	2.13	70.13
2.32	0.86	70.64	77.28	16.39	66.611	73.750	15.172	2.15	70.64
2.33	0.86	71.16	78.14	16.99	65.960	74.318	15.599	2.19	71.16
2.34	0.85	71.68	78.99	17.58	65.307	74.873	16.015	2.21	71.68

2.35	0.85	72.19	79.84	18.16	64.653	75.422	16.424	2.25	72.19
2.36	0.85	72.70	80.69	18.74	64.000	75.966	16.827	2.29	72.70
2.37	0.84	73.21	81.53	19.30	63.332	76.498	17.219	2.30	73.21
2.38	0.84	73.72	82.37	19.85	62.638	77.024	17.605	2.35	73.72
2.39	0.84	74.22	83.21	20.40	61.920	77.545	17.985	2.39	74.22
2.40	0.83	74.72	84.04	20.94	61.183	78.052	18.354	2.41	74.72
2.41	0.83	75.22	84.87	21.47	60.431	78.554	18.717	2.46	75.22
2.42	0.83	75.72	85.70	21.99	59.667	79.049	19.074	2.50	75.72
2.43	0.82	76.22	86.52	22.51	58.895	79.532	19.421	2.52	76.22
2.44	0.82	76.71	87.34	23.02	58.119	80.009	19.763	2.57	76.71
2.45	0.82	77.20	88.16	23.52	57.344	80.479	20.098	2.62	77.20
2.46	0.81	78.49	88.97	24.02	56.572	80.937	20.429	2.63	78.49
2.47	0.81	79.78	89.78	24.52	55.808	81.389	20.759	2.68	79.78
2.48	0.81	81.05	90.59	25.03	55.056	81.835	21.087	2.72	81.05
2.49	0.80	82.33	91.39	25.53	54.319	82.270	21.411	2.73	82.33
2.50	0.80	83.59	92.19	26.04	53.601	82.699	21.733	2.78	83.59
2.51	0.80	84.86	92.99	26.54	52.906	83.122	22.055	2.82	84.86
2.52	0.79	86.11	93.78	27.04	52.239	83.534	22.371	2.82	86.11
2.53	0.79	87.37	94.57	27.55	51.602	83.942	22.687	2.86	87.37
2.54	0.79	88.61	95.36	28.05	51.000	84.345	23.002	2.89	88.61
2.55	0.78	89.86	96.14	28.55	50.425	84.738	23.312	2.89	89.86
2.56	0.78	91.10	96.92	29.06	49.864	85.127	23.622	2.92	91.10
2.57	0.78	92.33	97.70	29.56	49.317	85.512	23.931	2.96	92.33
2.58	0.77	93.56	98.47	30.06	48.779	85.888	24.235	2.95	93.56
2.59	0.77	94.78	99.24	30.57	48.249	86.259	24.539	2.98	94.78
2.60	0.77	96.00	100.01	31.07	47.726	86.627	24.842	3.01	96.00

HEAD ASH %	31.07	CLEAN COAL ASH %	24.84	REFUSE ASH %	71.40
THEO. YIELD	90.29	CLEAN COAL YIELD%	86.63	REFUSE YIELD%	13.37
SG OF SEPARATION	2.476	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	16.126	IMPERFECTION	0.382		
ORGANIC EFFCY.	95.94				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 8 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

---------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 14.63 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	1.99	0.19	1.99	0.19	99.521	1.980	0.190	0.14	0.19
1.25	2.02	0.36	4.01	0.28	99.485	3.990	0.276	0.15	0.36
1.26	2.05	0.54	6.06	0.37	99.448	6.029	0.365	0.17	0.54
1.27	2.08	0.71	8.14	0.46	99.410	8.096	0.453	0.18	0.71
1.28	2.11	0.88	10.25	0.54	99.372	10.193	0.541	0.19	0.88
1.29	2.13	1.05	12.38	0.63	99.333	12.309	0.628	0.21	1.05
1.30	2.15	1.22	14.53	0.72	99.294	14.444	0.716	0.22	1.22
1.31	2.17	1.38	16.70	0.80	99.253	16.598	0.802	0.24	1.38
1.32	2.19	1.67	18.89	0.90	99.212	18.770	0.903	0.25	1.67
1.33	2.21	2.07	21.10	1.03	99.171	20.962	1.025	0.27	2.07
1.34	2.22	2.48	23.32	1.16	99.129	23.163	1.163	0.28	2.48
1.35	2.23	2.87	25.55	1.31	99.087	25.372	1.312	0.30	2.87
1.36	2.23	3.27	27.78	1.47	99.044	27.581	1.468	0.31	3.27
1.37	2.24	3.66	30.02	1.63	99.000	29.799	1.631	0.33	3.66
1.38	2.24	4.05	32.26	1.80	98.956	32.015	1.799	0.34	4.05
1.39	2.24	4.43	34.50	1.97	98.911	34.231	1.969	0.36	4.43
1.40	2.24	4.82	36.74	2.15	98.864	36.445	2.142	0.37	4.82
1.41	2.35	5.20	39.09	2.33	98.816	38.768	2.326	0.41	5.20
1.42	2.54	5.59	41.63	2.53	98.766	41.276	2.524	0.46	5.59
1.43	2.67	5.97	44.30	2.74	98.715	43.912	2.731	0.50	5.97
1.44	2.75	6.35	47.05	2.95	98.661	46.625	2.941	0.54	6.35
1.45	2.77	6.72	49.82	3.16	98.605	49.356	3.151	0.57	6.72
1.46	2.74	7.86	52.56	3.40	98.546	52.057	3.395	0.59	7.86
1.47	2.66	8.99	55.22	3.67	98.484	54.676	3.663	0.59	8.99
1.48	2.52	10.11	57.74	3.95	98.419	57.156	3.943	0.59	10.11
1.49	2.33	11.22	60.07	4.23	98.351	59.448	4.223	0.56	11.22
1.50	2.08	12.33	62.15	4.50	98.279	61.492	4.493	0.53	12.33
1.51	1.81	13.43	63.96	4.76	98.203	63.270	4.744	0.48	13.43
1.52	1.58	14.53	65.54	4.99	98.124	64.820	4.978	0.44	14.53
1.53	1.38	15.62	66.92	5.21	98.040	66.173	5.195	0.40	15.62
1.54	1.20	16.70	68.12	5.41	97.951	67.348	5.396	0.36	16.70
1.55	1.04	17.77	69.16	5.60	97.858	68.366	5.580	0.33	17.77
1.56	0.91	18.48	70.07	5.77	97.760	69.256	5.746	0.30	18.48
1.57	0.81	19.18	70.88	5.92	97.656	70.047	5.898	0.28	19.18
1.58	0.73	19.89	71.61	6.06	97.548	70.759	6.039	0.26	19.89
1.59	0.67	20.58	72.28	6.20	97.433	71.412	6.172	0.25	20.58
1.60	0.65	21.27	72.93	6.33	97.313	72.044	6.304	0.26	21.27
1.61	0.65	22.20	73.58	6.47	97.186	72.676	6.442	0.27	22.20
1.62	0.65	23.12	74.23	6.62	97.053	73.307	6.586	0.28	23.12
1.63	0.65	24.04	74.88	6.77	96.914	73.937	6.735	0.29	24.04
1.64	0.64	24.95	75.52	6.92	96.768	74.556	6.886	0.30	24.95
1.65	0.61	25.86	76.13	7.08	96.614	75.145	7.035	0.30	25.86
1.66	0.57	26.56	76.70	7.22	96.453	75.695	7.176	0.30	26.56
1.67	0.52	27.26	77.22	7.35	96.285	76.196	7.308	0.28	27.26
1.68	0.46	27.95	77.68	7.48	96.109	76.638	7.428	0.26	27.95
1.69	0.38	28.64	78.06	7.58	95.804	77.002	7.528	0.23	28.64
1.70	0.30	29.33	78.36	7.66	95.587	77.289	7.609	0.19	29.33
1.71	0.24	29.88	78.60	7.73	95.353	77.518	7.674	0.16	29.88
1.72	0.22	30.43	78.82	7.79	95.104	77.727	7.736	0.16	30.43

1.73	0.21	30.97	79.03	7.86	94.843	77.926	7.795	0.16	30.97
1.74	0.20	31.51	79.23	7.92	94.575	78.115	7.853	0.16	31.51
1.75	0.20	32.05	79.43	7.98	94.301	78.304	7.911	0.17	32.05
1.76	0.20	32.79	79.63	8.04	94.025	78.492	7.970	0.18	32.79
1.77	0.20	33.52	79.83	8.10	93.750	78.679	8.031	0.18	33.52
1.78	0.21	34.25	80.04	8.17	93.486	78.876	8.097	0.20	34.25
1.79	0.23	34.97	80.27	8.25	93.233	79.090	8.169	0.23	34.97
1.80	0.25	35.69	80.52	8.33	92.983	79.323	8.250	0.26	35.69
1.81	0.27	36.21	80.79	8.43	92.725	79.573	8.338	0.29	36.21
1.82	0.29	36.73	81.08	8.53	92.451	79.841	8.433	0.32	36.73
1.83	0.30	37.25	81.38	8.63	92.151	80.117	8.533	0.35	37.25
1.84	0.30	37.76	81.68	8.74	91.815	80.393	8.633	0.36	37.76
1.85	0.30	38.27	81.98	8.85	91.435	80.667	8.734	0.38	38.27
1.86	0.30	39.01	82.28	8.96	91.000	80.940	8.836	0.40	39.01
1.87	0.29	39.74	82.57	9.07	90.526	81.203	8.936	0.40	39.74
1.88	0.27	40.47	82.84	9.17	90.037	81.446	9.030	0.40	40.47
1.89	0.25	41.19	83.09	9.27	89.535	81.670	9.118	0.38	41.19
1.90	0.22	41.91	83.31	9.35	89.021	81.865	9.196	0.35	41.91
1.91	0.19	42.39	83.50	9.43	88.499	82.034	9.265	0.32	42.39
1.92	0.15	42.87	83.65	9.49	87.969	82.166	9.318	0.27	42.87
1.93	0.12	43.35	83.77	9.54	87.436	82.271	9.362	0.22	43.35
1.94	0.11	43.82	83.88	9.58	86.899	82.366	9.402	0.21	43.82
1.95	0.09	44.29	83.97	9.62	86.362	82.444	9.435	0.18	44.29
1.96	0.09	45.41	84.06	9.66	85.827	82.521	9.468	0.19	45.41
1.97	0.10	46.52	84.16	9.70	85.296	82.606	9.507	0.22	46.52
1.98	0.11	47.63	84.27	9.75	84.771	82.700	9.550	0.25	47.63
1.99	0.13	48.73	84.40	9.81	84.255	82.809	9.601	0.30	48.73
2.00	0.15	49.82	84.55	9.88	83.748	82.935	9.662	0.36	49.82
2.01	0.17	50.55	84.72	9.96	83.495	83.077	9.732	0.41	50.55
2.02	0.17	51.28	84.89	10.04	82.993	83.218	9.803	0.42	51.28
2.03	0.18	52.01	85.07	10.13	82.493	83.366	9.878	0.46	52.01
2.04	0.18	52.73	85.25	10.22	81.996	83.514	9.954	0.48	52.73
2.05	0.19	53.45	85.44	10.32	81.499	83.669	10.034	0.52	53.45
2.06	0.19	54.46	85.63	10.42	81.004	83.823	10.116	0.53	54.46
2.07	0.20	55.47	85.83	10.52	80.510	83.984	10.203	0.57	55.47
2.08	0.21	56.48	86.04	10.63	80.016	84.152	10.295	0.62	56.48
2.09	0.22	57.48	86.26	10.75	79.521	84.327	10.393	0.66	57.48
2.10	0.23	58.47	86.49	10.88	79.027	84.508	10.496	0.71	58.47
2.11	0.30	59.33	86.79	11.05	78.531	84.744	10.632	0.95	59.33
2.12	0.30	60.19	87.09	11.22	78.034	84.978	10.769	0.97	60.19
2.13	0.30	61.04	87.38	11.39	77.535	85.211	10.906	0.99	61.04
2.14	0.30	61.88	87.69	11.56	77.034	85.442	11.044	1.01	61.88
2.15	0.29	62.72	87.98	11.73	76.530	85.664	11.178	1.00	62.72
2.16	0.29	63.56	88.27	11.90	76.024	85.884	11.312	1.02	63.56
2.17	0.29	64.40	88.56	12.07	75.514	86.103	11.447	1.04	64.40
2.18	0.29	65.23	88.85	12.25	75.000	86.321	11.583	1.06	65.23
2.19	0.29	66.06	89.14	12.42	74.476	86.537	11.719	1.09	66.06
2.20	0.29	66.88	89.43	12.60	73.937	86.751	11.855	1.11	66.88
2.21	0.29	67.70	89.72	12.78	73.382	86.964	11.992	1.13	67.70
2.22	0.29	68.51	90.01	12.95	72.815	87.175	12.128	1.16	68.51
2.23	0.28	69.33	90.29	13.13	72.235	87.377	12.261	1.14	69.33
2.24	0.28	70.14	90.57	13.31	71.643	87.578	12.393	1.17	70.14
2.25	0.28	70.94	90.85	13.48	71.041	87.777	12.526	1.19	70.94
2.26	0.28	71.74	91.13	13.66	70.429	87.974	12.659	1.22	71.74
2.27	0.28	72.54	91.41	13.84	69.808	88.169	12.792	1.24	72.54
2.28	0.28	73.33	91.69	14.02	69.180	88.363	12.924	1.27	73.33
2.29	0.28	74.13	91.97	14.21	68.545	88.555	13.057	1.29	74.13
2.30	0.28	74.91	92.25	14.39	67.905	88.745	13.190	1.32	74.91
2.31	0.27	75.70	92.52	14.57	67.260	88.927	13.317	1.30	75.70
2.32	0.27	76.48	92.79	14.75	66.611	89.107	13.445	1.32	76.48
2.33	0.27	77.25	93.06	14.93	65.960	89.285	13.572	1.35	77.25
2.34	0.27	78.03	93.33	15.11	65.307	89.461	13.699	1.38	78.03

2.35	0.27	78.80	93.60	15.30	64.653	89.636	13.826	1.40	78.80
2.36	0.27	79.52	93.87	15.48	64.000	89.808	13.952	1.43	79.52
2.37	0.27	80.24	94.14	15.67	63.332	89.979	14.078	1.45	80.24
2.38	0.27	80.96	94.41	15.86	62.638	90.149	14.204	1.48	80.96
2.39	0.27	81.67	94.68	16.04	61.920	90.316	14.329	1.51	81.67
2.40	0.26	82.38	94.94	16.22	61.183	90.475	14.448	1.48	82.38
2.41	0.26	83.09	95.20	16.41	60.431	90.632	14.567	1.51	83.09
2.42	0.26	83.79	95.46	16.59	59.667	90.787	14.685	1.54	83.79
2.43	0.26	84.50	95.72	16.78	58.895	90.940	14.803	1.57	84.50
2.44	0.26	85.19	95.98	16.96	58.119	91.091	14.920	1.60	85.19
2.45	0.26	85.89	96.24	17.15	57.344	91.240	15.036	1.63	85.89
2.46	0.26	86.58	96.50	17.33	56.572	91.388	15.151	1.66	86.58
2.47	0.26	87.27	96.76	17.52	55.808	91.533	15.265	1.69	87.27
2.48	0.26	87.96	97.02	17.71	55.056	91.676	15.379	1.72	87.96
2.49	0.25	88.65	97.27	17.89	54.319	91.812	15.487	1.68	88.65
2.50	0.25	89.33	97.52	18.08	53.601	91.946	15.595	1.70	89.33
2.51	0.25	90.01	97.77	18.26	52.906	92.078	15.702	1.73	90.01
2.52	0.25	90.68	98.02	18.44	52.239	92.208	15.808	1.75	90.68
2.53	0.25	91.36	98.27	18.63	51.602	92.337	15.913	1.78	91.36
2.54	0.25	92.03	98.52	18.82	51.000	92.465	16.018	1.80	92.03
2.55	0.25	92.70	98.77	19.00	50.425	92.591	16.123	1.82	92.70
2.56	0.25	93.36	99.02	19.19	49.864	92.716	16.227	1.84	93.36
2.57	0.25	94.03	99.27	19.38	49.317	92.839	16.330	1.86	94.03
2.58	0.25	94.69	99.52	19.57	48.779	92.961	16.433	1.88	94.69
2.59	0.24	95.34	99.76	19.75	48.249	93.077	16.531	1.82	95.34
2.60	0.24	96.00	100.00	19.93	47.726	93.191	16.629	1.84	96.00

HEAD ASH %	19.93	CLEAN COAL ASH %	16.63	REFUSE ASH %	65.18
THEO. YIELD	95.51	CLEAN COAL YIELD%	93.19	REFUSE YIELD%	6.81
SG OF SEPARATION	2.422	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	5.226	IMPERFECTION	0.382		
ORGANIC EFFCY.	97.57				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 11 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 23.80 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.48	0.36	0.48	0.36	99.521	0.478	0.360	0.04	0.36
1.25	0.47	0.70	0.95	0.53	99.485	0.945	0.528	0.04	0.70
1.26	0.47	1.04	1.42	0.70	99.448	1.413	0.698	0.04	1.04
1.27	0.46	1.38	1.88	0.86	99.410	1.870	0.864	0.04	1.38
1.28	0.46	1.71	2.34	1.03	99.372	2.327	1.031	0.05	1.71
1.29	0.46	2.04	2.80	1.20	99.333	2.784	1.196	0.05	2.04
1.30	0.45	2.37	3.25	1.36	99.294	3.231	1.359	0.05	2.37
1.31	0.45	2.70	3.70	1.52	99.253	3.677	1.521	0.05	2.70
1.32	0.45	2.95	4.15	1.68	99.212	4.124	1.676	0.06	2.95
1.33	0.44	3.13	4.59	1.82	99.171	4.560	1.815	0.06	3.13
1.34	0.44	3.30	5.03	1.95	99.129	4.996	1.945	0.06	3.30
1.35	0.44	3.47	5.47	2.07	99.087	5.432	2.067	0.06	3.47
1.36	0.43	3.64	5.90	2.18	99.044	5.858	2.182	0.07	3.64
1.37	0.43	3.81	6.33	2.29	99.000	6.284	2.292	0.07	3.81
1.38	0.43	3.98	6.76	2.40	98.956	6.710	2.399	0.07	3.98
1.39	0.42	4.15	7.18	2.50	98.911	7.125	2.501	0.07	4.15
1.40	0.42	4.31	7.60	2.60	98.864	7.540	2.601	0.08	4.31
1.41	2.67	4.39	10.27	3.07	98.816	10.179	3.064	0.50	4.39
1.42	2.95	4.48	13.22	3.38	98.766	13.092	3.379	0.58	4.48
1.43	3.17	4.56	16.39	3.61	98.715	16.221	3.607	0.64	4.56
1.44	3.32	4.64	19.71	3.78	98.661	19.497	3.781	0.70	4.64
1.45	3.40	4.71	23.11	3.92	98.605	22.850	3.917	0.75	4.71
1.46	3.40	5.68	26.51	4.15	98.546	26.200	4.143	0.78	5.68
1.47	3.35	6.64	29.86	4.43	98.484	29.499	4.422	0.80	6.64
1.48	3.22	7.59	33.08	4.73	98.419	32.668	4.729	0.81	7.59
1.49	3.02	8.53	36.10	5.05	98.351	35.639	5.046	0.79	8.53
1.50	2.75	9.47	38.85	5.36	98.279	38.341	5.358	0.75	9.47
1.51	2.67	10.35	41.52	5.68	98.203	40.963	5.677	0.76	10.35
1.52	2.76	11.22	44.28	6.03	98.124	43.672	6.021	0.82	11.22
1.53	2.79	12.09	47.07	6.39	98.040	46.407	6.379	0.87	12.09
1.54	2.75	12.95	49.82	6.75	97.951	49.100	6.739	0.89	12.95
1.55	2.65	13.81	52.47	7.11	97.858	51.694	7.094	0.90	13.81
1.56	2.49	14.61	54.96	7.45	97.760	54.128	7.432	0.86	14.61
1.57	2.27	15.40	57.23	7.76	97.656	56.348	7.745	0.84	15.40
1.58	1.98	16.19	59.21	8.04	97.548	58.276	8.025	0.77	16.19
1.59	1.62	16.97	60.83	8.28	97.433	59.855	8.261	0.66	16.97
1.60	1.21	17.75	62.04	8.47	97.313	61.032	8.444	0.51	17.75
1.61	0.96	18.39	63.00	8.62	97.186	61.965	8.594	0.43	18.39
1.62	0.94	19.02	63.94	8.77	97.053	62.877	8.745	0.44	19.02
1.63	0.92	19.65	64.86	8.93	96.914	63.769	8.898	0.45	19.65
1.64	0.90	20.28	65.76	9.08	96.768	64.640	9.051	0.46	20.28
1.65	0.88	20.90	66.64	9.24	96.614	65.490	9.205	0.47	20.90
1.66	0.87	22.07	67.51	9.40	96.453	66.329	9.368	0.49	22.07
1.67	0.86	23.25	68.37	9.58	96.285	67.157	9.539	0.51	23.25
1.68	0.85	24.41	69.22	9.76	96.109	67.974	9.718	0.52	24.41
1.69	0.85	25.57	70.07	9.95	95.804	68.789	9.905	0.56	25.57
1.70	0.85	26.72	70.92	10.15	95.587	69.601	10.102	0.59	26.72
1.71	0.86	27.73	71.78	10.36	95.353	70.421	10.307	.63	27.73
1.72	0.88	28.72	72.66	10.58	95.104	71.258	10.523	38	28.72

1.73	0.89	29.67	73.55	10.82	94.843	72.102	10.747	0.73	29.67
1.74	0.89	30.57	74.44	11.05	94.575	72.944	10.976	0.76	30.57
1.75	0.88	31.39	75.32	11.29	94.301	73.774	11.206	0.79	31.39
1.76	0.86	32.13	76.18	11.52	94.025	74.582	11.433	0.81	32.13
1.77	0.84	32.80	77.02	11.76	93.750	75.370	11.656	0.83	32.80
1.78	0.80	33.41	77.82	11.98	93.486	76.118	11.870	0.82	33.41
1.79	0.76	33.98	78.58	12.19	93.233	76.826	12.073	0.81	33.98
1.80	0.71	34.52	79.29	12.39	92.983	77.486	12.265	0.79	34.52
1.81	0.65	35.03	79.94	12.58	92.725	78.089	12.440	0.75	35.03
1.82	0.60	35.53	80.54	12.75	92.451	78.644	12.603	0.72	35.53
1.83	0.56	36.03	81.10	12.91	92.151	79.160	12.756	0.70	36.03
1.84	0.52	36.53	81.62	13.06	91.815	79.637	12.899	0.67	36.53
1.85	0.49	37.02	82.11	13.20	91.435	80.085	13.033	0.66	37.02
1.86	0.46	37.84	82.57	13.34	91.000	80.504	13.162	0.66	37.84
1.87	0.45	38.66	83.02	13.48	90.526	80.911	13.291	0.67	38.66
1.88	0.44	39.47	83.46	13.61	90.037	81.307	13.418	0.69	39.47
1.89	0.43	40.28	83.89	13.75	89.535	81.692	13.545	0.71	40.28
1.90	0.44	41.09	84.33	13.89	89.021	82.084	13.676	0.76	41.09
1.91	0.44	41.67	84.77	14.04	88.499	82.474	13.809	0.80	41.67
1.92	0.44	42.25	85.21	14.18	87.969	82.861	13.941	0.84	42.25
1.93	0.44	42.83	85.65	14.33	87.436	83.245	14.075	0.87	42.83
1.94	0.44	43.40	86.09	14.48	86.899	83.628	14.209	0.91	43.40
1.95	0.44	43.97	86.53	14.63	86.362	84.008	14.344	0.95	43.97
1.96	0.44	44.99	86.97	14.78	85.827	84.385	14.481	0.99	44.99
1.97	0.44	45.99	87.41	14.94	85.296	84.761	14.620	1.02	45.99
1.98	0.44	47.00	87.85	15.10	84.771	85.134	14.762	1.06	47.00
1.99	0.44	47.99	88.29	15.26	84.255	85.504	14.906	1.10	47.99
2.00	0.44	48.99	88.73	15.43	83.748	85.873	15.053	1.13	48.99
2.01	0.45	49.69	89.18	15.60	83.495	86.249	15.203	1.18	49.69
2.02	0.46	50.39	89.64	15.78	82.993	86.630	15.358	1.24	50.39
2.03	0.47	51.08	90.11	15.97	82.493	87.018	15.518	1.30	51.08
2.04	0.47	51.77	90.58	16.15	81.996	87.403	15.677	1.34	51.77
2.05	0.47	52.46	91.05	16.34	81.499	87.786	15.838	1.38	52.46
2.06	0.46	53.57	91.51	16.53	81.004	88.159	15.997	1.36	53.57
2.07	0.44	54.68	91.95	16.71	80.510	88.513	16.152	1.36	54.68
2.08	0.42	55.78	92.37	16.89	80.016	88.849	16.302	1.33	55.78
2.09	0.39	56.88	92.76	17.05	79.521	89.160	16.443	1.26	56.88
2.10	0.36	57.98	93.12	17.21	79.027	89.444	16.575	1.19	57.98
2.11	0.19	59.28	93.31	17.30	78.531	89.593	16.647	0.65	59.28
2.12	0.14	60.58	93.45	17.36	78.034	89.703	16.700	0.49	60.58
2.13	0.10	61.87	93.55	17.41	77.535	89.780	16.739	0.36	61.87
2.14	0.06	63.16	93.61	17.44	77.034	89.826	16.763	0.22	63.16
2.15	0.04	64.44	93.65	17.46	76.530	89.857	16.779	0.15	64.44
2.16	0.09	64.44	93.74	17.51	76.024	89.925	16.815	0.34	64.44
2.17	0.06	64.44	93.80	17.54	75.514	89.971	16.839	0.23	64.44
2.18	0.07	64.45	93.87	17.57	75.000	90.023	16.867	0.28	64.45
2.19	0.10	64.45	93.97	17.62	74.476	90.098	16.907	0.40	64.45
2.20	0.17	64.45	94.14	17.70	73.937	90.223	16.973	0.70	64.45
2.21	0.10	64.45	94.24	17.75	73.382	90.297	17.011	0.42	64.45
2.22	0.10	64.45	94.34	17.80	72.815	90.369	17.050	0.43	64.45
2.23	0.09	64.45	94.43	17.85	72.235	90.434	17.084	0.40	64.45
2.24	0.09	64.45	94.52	17.89	71.643	90.499	17.117	0.40	64.45
2.25	0.09	64.45	94.61	17.94	71.041	90.563	17.151	0.41	64.45
2.26	0.08	65.28	94.69	17.98	70.429	90.619	17.181	0.37	65.28
2.27	0.08	66.11	94.77	18.02	69.808	90.675	17.211	0.38	66.11
2.28	0.09	66.93	94.86	18.06	69.180	90.737	17.245	0.44	66.93
2.29	0.09	67.75	94.95	18.11	68.545	90.799	17.279	0.45	67.75
2.30	0.09	68.57	95.04	18.16	67.905	90.860	17.314	0.46	68.57
2.31	0.17	69.13	95.21	18.25	67.260	90.974	17.379	0.88	69.13
2.32	0.17	69.70	95.38	18.34	66.611	91.088	17.444	0.90	69.70
2.33	0.17	70.26	95.55	18.43	65.960	91.200	17.509	0.92	70.26
2.34	0.17	70.82	95.72	18.53	65.307	91.311	17.574	0.93	70.82

2.35	0.17	71.37	95.89	18.62	64.653	91.421	17.638	0.95	71.37
2.36	0.17	71.92	96.06	18.71	64.000	91.530	17.703	0.97	71.92
2.37	0.17	72.48	96.23	18.81	63.332	91.637	17.767	0.99	72.48
2.38	0.17	73.02	96.40	18.91	62.638	91.744	17.831	1.01	73.02
2.39	0.17	73.57	96.57	19.00	61.920	91.849	17.895	1.02	73.57
2.40	0.17	74.11	96.74	19.10	61.183	91.953	17.959	1.04	74.11
2.41	0.17	74.66	96.91	19.20	60.431	92.056	18.022	1.06	74.66
2.42	0.17	75.20	97.08	19.29	59.667	92.157	18.085	1.09	75.20
2.43	0.17	75.73	97.25	19.39	58.895	92.257	18.148	1.11	75.73
2.44	0.16	76.27	97.41	19.49	58.119	92.350	18.206	1.06	76.27
2.45	0.16	76.80	97.57	19.58	57.344	92.442	18.264	1.08	76.80
2.46	0.16	78.12	97.73	19.68	56.572	92.533	18.323	1.10	78.12
2.47	0.16	79.43	97.89	19.77	55.808	92.622	18.382	1.12	79.43
2.48	0.16	80.73	98.05	19.87	55.056	92.710	18.441	1.14	80.73
2.49	0.16	82.03	98.21	19.97	54.319	92.797	18.501	1.16	82.03
2.50	0.16	83.33	98.37	20.08	53.601	92.883	18.561	1.17	83.33
2.51	0.16	84.62	98.53	20.18	52.906	92.967	18.621	1.19	84.62
2.52	0.16	85.90	98.69	20.29	52.239	93.051	18.681	1.21	85.90
2.53	0.16	87.18	98.85	20.40	51.602	93.133	18.742	1.23	87.18
2.54	0.16	88.46	99.01	20.51	51.000	93.215	18.803	1.24	88.46
2.55	0.16	89.73	99.17	20.62	50.425	93.296	18.864	1.26	89.73
2.56	0.16	90.99	99.33	20.73	49.864	93.375	18.926	1.27	90.99
2.57	0.16	92.25	99.49	20.85	49.317	93.454	18.988	1.28	92.25
2.58	0.16	93.51	99.65	20.96	48.779	93.532	19.050	1.30	93.51
2.59	0.16	94.75	99.81	21.08	48.249	93.610	19.112	1.31	94.75
2.60	0.15	96.00	99.96	21.19	47.726	93.681	19.171	1.24	96.00

HEAD ASH %	21.19	CLEAN COAL ASH %	19.17	REFUSE ASH %	51.19
THEO. YIELD	96.87	CLEAN COAL YIELD%	93.68	REFUSE YIELD%	6.32
SG OF SEPARATION	2.407	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	3.323	IMPERFECTION	0.382		
ORGANIC EFFCY.	96.71				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC_DDH82002 SID: 12 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 21.95 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	1.20	0.23	1.20	0.23	99.521	1.194	0.230	0.20	0.23
1.25	1.33	0.45	2.53	0.35	99.485	2.517	0.346	0.24	0.45
1.26	1.46	0.67	3.99	0.46	99.448	3.969	0.464	0.28	0.67
1.27	1.58	0.89	5.57	0.59	99.410	5.540	0.585	0.32	0.89
1.28	1.69	1.11	7.26	0.71	99.372	7.219	0.707	0.37	1.11
1.29	1.81	1.32	9.07	0.83	99.333	9.017	0.829	0.42	1.32
1.30	1.92	1.53	10.99	0.95	99.294	10.924	0.952	0.47	1.53
1.31	2.03	1.74	13.02	1.07	99.253	12.939	1.074	0.53	1.74
1.32	2.14	1.97	15.16	1.20	99.212	15.062	1.201	0.58	1.97
1.33	2.24	2.21	17.40	1.33	99.171	17.283	1.330	0.64	2.21
1.34	2.34	2.45	19.74	1.46	99.129	19.603	1.463	0.71	2.45
1.35	2.43	2.69	22.17	1.60	99.087	22.011	1.597	0.77	2.69
1.36	2.52	2.93	24.69	1.73	99.044	24.507	1.733	0.84	2.93
1.37	2.61	3.17	27.30	1.87	99.000	27.090	1.870	0.91	3.17
1.38	2.70	3.40	30.00	2.01	98.956	29.762	2.007	0.98	3.40
1.39	2.78	3.63	32.78	2.15	98.911	32.512	2.145	1.05	3.63
1.40	2.86	3.86	35.64	2.28	98.864	35.339	2.282	1.13	3.86
1.41	3.27	3.91	38.91	2.42	98.816	38.571	2.418	1.34	3.91
1.42	3.88	3.96	42.79	2.56	98.766	42.403	2.558	1.66	3.96
1.43	4.33	4.01	47.12	2.69	98.715	46.677	2.691	1.93	4.01
1.44	4.61	4.06	51.73	2.82	98.661	51.225	2.812	2.14	4.06
1.45	4.72	4.11	56.45	2.92	98.605	55.880	2.920	2.28	4.11
1.46	4.66	5.11	61.11	3.09	98.546	60.472	3.087	2.35	5.11
1.47	4.43	6.10	65.54	3.29	98.484	64.835	3.289	2.33	6.10
1.48	4.03	7.09	69.57	3.51	98.419	68.801	3.508	2.21	7.09
1.49	3.46	8.07	73.03	3.73	98.351	72.204	3.723	1.98	8.07
1.50	2.73	9.04	75.76	3.92	98.279	74.887	3.914	1.63	9.04
1.51	2.22	10.27	77.98	4.10	98.203	77.067	4.094	1.38	10.27
1.52	2.04	11.49	80.02	4.29	98.124	79.069	4.281	1.33	11.49
1.53	1.86	12.70	81.88	4.48	98.040	80.892	4.471	1.26	12.70
1.54	1.67	13.90	83.55	4.67	97.951	82.528	4.658	1.19	13.90
1.55	1.48	15.10	85.03	4.85	97.858	83.976	4.838	1.10	15.10
1.56	1.29	15.84	86.32	5.01	97.760	85.238	5.000	1.00	15.84
1.57	1.09	16.57	87.41	5.16	97.656	86.302	5.143	0.89	16.57
1.58	0.89	17.30	88.30	5.28	97.548	87.170	5.264	0.76	17.30
1.59	0.69	18.02	88.99	5.38	97.433	87.842	5.362	0.61	18.02
1.60	0.48	18.74	89.47	5.45	97.313	88.310	5.433	0.45	18.74
1.61	0.38	19.71	89.85	5.51	97.186	88.679	5.492	0.37	19.71
1.62	0.38	20.68	90.23	5.58	97.053	89.048	5.555	0.39	20.68
1.63	0.37	21.65	90.60	5.64	96.914	89.406	5.620	0.40	21.65
1.64	0.36	22.60	90.96	5.71	96.768	89.755	5.685	0.40	22.60
1.65	0.35	23.55	91.31	5.78	96.614	90.093	5.753	0.41	23.55
1.66	0.34	24.21	91.65	5.85	96.453	90.421	5.819	0.42	24.21
1.67	0.32	24.87	91.97	5.91	96.285	90.729	5.884	0.41	24.87
1.68	0.30	25.52	92.27	5.98	96.109	91.017	5.946	0.40	25.52
1.69	0.27	26.17	92.54	6.03	95.804	91.276	6.004	0.39	26.17
1.70	0.24	26.82	92.78	6.09	95.587	91.505	6.056	0.37	26.82
1.71	0.23	27.40	93.01	6.14	95.353	91.725	6.107	0.37	27.40
1.72	0.24	27.97	93.25	6.20	95.104	91.953	6.161	0.41	27.97

1.73	0.24	28.54	93.49	6.25	94.843	92.180	6.216	0.43	28.54
1.74	0.24	29.11	93.73	6.31	94.575	92.407	6.273	0.45	29.11
1.75	0.23	29.68	93.96	6.37	94.301	92.624	6.327	0.45	29.68
1.76	0.22	30.60	94.18	6.43	94.025	92.831	6.382	0.46	30.60
1.77	0.21	31.51	94.39	6.48	93.750	93.028	6.435	0.46	31.51
1.78	0.19	32.41	94.58	6.53	93.486	93.206	6.484	0.43	32.41
1.79	0.16	33.32	94.74	6.58	93.233	93.355	6.527	0.38	33.32
1.80	0.13	34.21	94.87	6.62	92.983	93.476	6.563	0.32	34.21
1.81	0.11	35.05	94.98	6.65	92.725	93.578	6.594	0.28	35.05
1.82	0.10	35.89	95.08	6.68	92.451	93.670	6.623	0.26	35.89
1.83	0.10	36.72	95.18	6.71	92.151	93.762	6.652	0.27	36.72
1.84	0.09	37.54	95.27	6.74	91.815	93.845	6.680	0.26	37.54
1.85	0.09	38.36	95.36	6.77	91.435	93.927	6.707	0.27	38.36
1.86	0.08	38.78	95.44	6.80	91.000	94.000	6.732	0.25	38.78
1.87	0.07	39.19	95.51	6.82	90.526	94.063	6.754	0.23	39.19
1.88	0.07	39.61	95.58	6.85	90.037	94.126	6.776	0.24	39.61
1.89	0.06	40.02	95.64	6.87	89.535	94.180	6.795	0.22	40.02
1.90	0.05	40.42	95.69	6.88	89.021	94.225	6.811	0.19	40.42
1.91	0.05	40.81	95.74	6.90	88.499	94.269	6.827	0.20	40.81
1.92	0.05	41.20	95.79	6.92	87.969	94.313	6.843	0.21	41.20
1.93	0.04	41.58	95.83	6.93	87.436	94.348	6.856	0.17	41.58
1.94	0.04	41.97	95.87	6.95	86.899	94.383	6.869	0.18	41.97
1.95	0.04	42.35	95.91	6.96	86.362	94.417	6.882	0.19	42.35
1.96	0.04	43.01	95.95	6.98	85.827	94.451	6.895	0.20	43.01
1.97	0.04	43.68	95.99	6.99	85.296	94.486	6.908	0.20	43.68
1.98	0.05	44.33	96.04	7.01	84.771	94.528	6.925	0.26	44.33
1.99	0.05	44.99	96.09	7.03	84.255	94.570	6.942	0.27	44.99
2.00	0.05	45.64	96.14	7.05	83.748	94.612	6.959	0.28	45.64
2.01	0.06	46.02	96.20	7.08	83.495	94.662	6.980	0.34	46.02
2.02	0.06	46.40	96.26	7.10	82.993	94.712	7.000	0.35	46.40
2.03	0.06	46.77	96.32	7.13	82.493	94.761	7.021	0.36	46.77
2.04	0.06	47.14	96.38	7.15	81.996	94.811	7.042	0.37	47.14
2.05	0.06	47.51	96.44	7.18	81.499	94.859	7.063	0.39	47.51
2.06	0.06	48.24	96.50	7.20	81.004	94.908	7.084	0.40	48.24
2.07	0.06	48.97	96.56	7.23	80.510	94.956	7.105	0.41	48.97
2.08	0.06	49.69	96.62	7.26	80.016	95.004	7.127	0.42	49.69
2.09	0.06	50.41	96.68	7.28	79.521	95.052	7.149	0.43	50.41
2.10	0.06	51.13	96.74	7.31	79.027	95.100	7.170	0.44	51.13
2.11	0.06	51.74	96.80	7.34	78.531	95.147	7.193	0.45	51.74
2.12	0.06	52.34	96.86	7.36	78.034	95.193	7.215	0.46	52.34
2.13	0.06	52.95	96.92	7.39	77.535	95.240	7.237	0.47	52.95
2.14	0.06	53.55	96.98	7.42	77.034	95.286	7.260	0.48	53.55
2.15	0.06	54.15	97.04	7.45	76.530	95.332	7.282	0.49	54.15
2.16	0.06	54.75	97.10	7.48	76.024	95.378	7.305	0.50	54.75
2.17	0.06	55.34	97.16	7.51	75.514	95.423	7.328	0.51	55.34
2.18	0.06	55.93	97.22	7.54	75.000	95.468	7.351	0.52	55.93
2.19	0.06	56.52	97.28	7.57	74.476	95.513	7.374	0.53	56.52
2.20	0.06	57.11	97.34	7.60	73.937	95.557	7.397	0.54	57.11
2.21	0.06	57.69	97.40	7.63	73.382	95.601	7.420	0.55	57.69
2.22	0.06	58.27	97.46	7.66	72.815	95.645	7.443	0.57	58.27
2.23	0.06	58.85	97.52	7.69	72.235	95.688	7.466	0.58	58.85
2.24	0.06	59.43	97.58	7.73	71.643	95.731	7.490	0.59	59.43
2.25	0.06	60.00	97.64	7.76	71.041	95.774	7.513	0.60	60.00
2.26	0.06	60.57	97.70	7.79	70.429	95.816	7.536	0.62	60.57
2.27	0.06	61.14	97.76	7.82	69.808	95.858	7.560	0.63	61.14
2.28	0.06	61.70	97.82	7.86	69.180	95.899	7.583	0.64	61.70
2.29	0.06	62.27	97.88	7.89	68.545	95.941	7.607	0.65	62.27
2.30	0.06	62.83	97.94	7.92	67.905	95.981	7.630	0.67	62.83
2.31	0.06	63.38	98.00	7.96	67.260	96.022	7.654	0.68	63.38
2.32	0.06	63.94	98.06	7.99	66.611	96.062	7.677	0.69	63.94
2.33	0.06	64.49	98.12	8.03	65.960	96.101	7.700	0.71	64.49
2.34	0.06	65.04	98.18	8.06	65.307	96.140	7.724	0.72	65.04

2.35	.06	65.59	98.24	8.10	64.653	96.179	7.747	.74	65.59
2.36	0.06	66.87	98.30	8.13	64.000	96.218	7.771	0.75	66.87
2.37	0.06	68.14	98.36	8.17	63.332	96.256	7.794	0.76	68.14
2.38	0.06	69.41	98.42	8.20	62.638	96.293	7.819	0.78	69.41
2.39	0.06	70.67	98.48	8.24	61.920	96.330	7.843	0.79	70.67
2.40	0.06	71.93	98.54	8.28	61.183	96.367	7.867	0.81	71.93
2.41	0.07	73.18	98.61	8.33	60.431	96.409	7.896	0.96	73.18
2.42	0.07	74.42	98.68	8.37	59.667	96.451	7.925	0.98	74.42
2.43	0.07	75.66	98.75	8.42	58.895	96.492	7.954	1.00	75.66
2.44	0.07	76.90	98.82	8.47	58.119	96.533	7.983	1.02	76.90
2.45	0.07	78.13	98.89	8.52	57.344	96.573	8.012	1.04	78.13
2.46	0.07	79.35	98.96	8.57	56.572	96.613	8.041	1.05	79.35
2.47	0.07	80.57	99.03	8.62	55.808	96.652	8.070	1.07	80.57
2.48	0.07	81.79	99.10	8.67	55.056	96.690	8.100	1.09	81.79
2.49	0.07	83.00	99.17	8.73	54.319	96.728	8.129	1.11	83.00
2.50	0.07	84.20	99.24	8.78	53.601	96.766	8.159	1.13	84.20
2.51	0.07	85.40	99.31	8.83	52.906	96.803	8.188	1.14	85.40
2.52	0.07	86.60	99.38	8.89	52.239	96.839	8.218	1.16	86.60
2.53	0.07	87.79	99.45	8.94	51.602	96.876	8.247	1.18	87.79
2.54	0.07	88.98	99.52	9.00	51.000	96.911	8.277	1.19	88.98
2.55	0.07	90.16	99.59	9.06	50.425	96.947	8.307	1.20	90.16
2.56	0.07	91.34	99.66	9.11	49.864	96.981	8.337	1.22	91.34
2.57	0.07	92.51	99.73	9.17	49.317	97.016	8.367	1.23	92.51
2.58	0.07	93.68	99.80	9.23	48.779	97.050	8.397	1.24	93.68
2.59	0.07	94.84	99.87	9.29	48.249	97.084	8.427	1.26	94.84
2.60	0.07	96.00	99.94	9.35	47.726	97.117	8.457	1.27	96.00

HEAD ASH %	9.35	CLEAN COAL ASH %	8.46	REFUSE ASH %	39.52
THEO. YIELD	98.80	CLEAN COAL YIELD%	97.12	REFUSE YIELD%	2.88
SG OF SEPARATION	2.437	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	1.337	IMPERFECTION	0.382		
ORGANIC EFFCY.	98.30				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 13 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 14.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.85	0.24	0.85	0.24	99.521	0.846	0.240	0.04	0.24
1.25	0.92	0.46	1.77	0.35	99.485	1.761	0.354	0.04	0.46
1.26	0.99	0.69	2.76	0.47	99.448	2.746	0.475	0.05	0.69
1.27	1.05	0.91	3.81	0.59	99.410	3.790	0.595	0.05	0.91
1.28	1.12	1.13	4.93	0.72	99.372	4.902	0.716	0.06	1.13
1.29	1.18	1.35	6.11	0.84	99.333	6.075	0.838	0.07	1.35
1.30	1.24	1.57	7.35	0.96	99.294	7.306	0.962	0.08	1.57
1.31	1.31	1.78	8.66	1.09	99.253	8.606	1.085	0.09	1.78
1.32	1.37	2.03	10.03	1.21	99.212	9.965	1.214	0.10	2.03
1.33	1.43	2.31	11.46	1.35	99.171	11.383	1.351	0.10	2.31
1.34	1.49	2.59	12.95	1.49	99.129	12.860	1.493	0.11	2.59
1.35	1.55	2.86	14.50	1.64	99.087	14.396	1.639	0.12	2.86
1.36	1.61	3.14	16.11	1.79	99.044	15.991	1.789	0.14	3.14
1.37	1.66	3.41	17.77	1.94	99.000	17.634	1.940	0.15	3.41
1.38	1.72	3.68	19.49	2.09	98.956	19.336	2.093	0.16	3.68
1.39	1.78	3.95	21.27	2.25	98.911	21.097	2.248	0.17	3.95
1.40	1.83	4.21	23.10	2.41	98.864	22.906	2.403	0.18	4.21
1.41	2.97	4.21	26.07	2.61	98.816	25.841	2.608	0.31	4.21
1.42	3.41	4.21	29.48	2.80	98.766	29.209	2.793	0.37	4.21
1.43	3.73	4.21	33.21	2.95	98.715	32.891	2.951	0.42	4.21
1.44	3.93	4.21	37.14	3.09	98.661	36.768	3.084	0.46	4.21
1.45	4.03	4.22	41.17	3.20	98.605	40.742	3.195	0.50	4.22
1.46	1.44	5.86	42.61	3.29	98.546	42.161	3.285	0.18	5.86
1.47	1.39	7.50	44.00	3.42	98.484	43.530	3.417	0.19	7.50
1.48	1.30	9.12	45.30	3.58	98.419	44.810	3.580	0.18	9.12
1.49	1.17	10.74	46.47	3.77	98.351	45.960	3.759	0.17	10.74
1.50	0.99	12.34	47.46	3.94	98.279	46.933	3.937	0.15	12.34
1.51	1.28	14.38	48.74	4.22	98.203	48.190	4.210	0.20	14.38
1.52	1.23	16.40	49.97	4.52	98.124	49.397	4.507	0.20	16.40
1.53	1.16	18.41	51.13	4.83	98.040	50.534	4.820	0.20	18.41
1.54	1.09	20.41	52.22	5.16	97.951	51.602	5.143	0.20	20.41
1.55	1.01	22.40	53.23	5.49	97.858	52.590	5.467	0.19	22.40
1.56	1.65	22.40	54.88	5.99	97.760	54.204	5.971	0.33	22.40
1.57	1.47	22.40	56.35	6.42	97.656	55.639	6.395	0.30	22.40
1.58	1.27	22.40	57.62	6.77	97.548	56.878	6.744	0.27	22.40
1.59	1.05	22.40	58.67	7.05	97.433	57.901	7.020	0.24	22.40
1.60	0.82	22.40	59.49	7.27	97.313	58.699	7.229	0.19	22.40
1.61	0.50	22.59	59.99	7.39	97.186	59.185	7.355	0.12	22.59
1.62	0.49	22.78	60.48	7.52	97.053	59.660	7.478	0.13	22.78
1.63	0.49	22.97	60.97	7.64	96.914	60.135	7.601	0.13	22.97
1.64	0.48	23.15	61.45	7.76	96.768	60.600	7.720	0.14	23.15
1.65	0.48	23.34	61.93	7.88	96.614	61.064	7.839	0.14	23.34
1.66	0.47	24.57	62.40	8.01	96.453	61.517	7.962	0.15	24.57
1.67	0.46	25.79	62.86	8.14	96.285	61.960	8.089	0.15	25.79
1.68	0.45	27.00	63.31	8.27	96.109	62.392	8.220	0.15	27.00
1.69	0.44	28.20	63.75	8.41	95.804	62.814	8.354	0.16	28.20
1.70	0.43	29.40	64.18	8.55	95.587	63.225	8.491	0.17	29.40
1.71	0.43	30.23	64.61	8.70	95.353	63.635	8.631	.18	30.23
1.72	0.45	31.05	65.06	8.85	95.104	64.063	8.781	.19	31.05

1.73	0.45	31.86	65.51	9.01	94.843	64.490	8.934	0.20	31.86
1.74	0.45	32.67	65.96	9.17	94.575	64.915	9.089	0.22	32.67
1.75	0.45	33.47	66.41	9.33	94.301	65.340	9.248	0.23	33.47
1.76	0.44	34.48	66.85	9.50	94.025	65.753	9.407	0.23	34.48
1.77	0.42	35.48	67.27	9.66	93.750	66.147	9.562	0.23	35.48
1.78	0.40	36.48	67.67	9.82	93.486	66.521	9.713	0.23	36.48
1.79	0.37	37.47	68.04	9.97	93.233	66.866	9.856	0.22	37.47
1.80	0.33	38.46	68.37	10.11	92.983	67.173	9.987	0.20	38.46
1.81	0.31	39.32	68.68	10.24	92.725	67.460	10.112	0.20	39.32
1.82	0.30	40.17	68.98	10.37	92.451	67.738	10.235	0.20	40.17
1.83	0.29	41.02	69.27	10.50	92.151	68.005	10.356	0.20	41.02
1.84	0.29	41.87	69.56	10.63	91.815	68.271	10.479	0.21	41.87
1.85	0.29	42.71	69.85	10.76	91.435	68.536	10.604	0.22	42.71
1.86	0.29	43.42	70.14	10.90	91.000	68.800	10.729	0.23	43.42
1.87	0.29	44.13	70.43	11.03	90.526	69.063	10.856	0.24	44.13
1.88	0.29	44.84	70.72	11.17	90.037	69.324	10.984	0.25	44.84
1.89	0.29	45.54	71.01	11.31	89.535	69.583	11.113	0.27	45.54
1.90	0.30	46.24	71.31	11.46	89.021	69.850	11.248	0.29	46.24
1.91	0.30	46.64	71.61	11.61	88.499	70.116	11.382	0.30	46.64
1.92	0.30	47.03	71.91	11.76	87.969	70.380	11.515	0.32	47.03
1.93	0.30	47.42	72.21	11.90	87.436	70.642	11.649	0.33	47.42
1.94	0.30	47.81	72.51	12.05	86.899	70.903	11.782	0.35	47.81
1.95	0.30	48.20	72.81	12.20	86.362	71.162	11.914	0.36	48.20
1.96	0.30	49.11	73.11	12.35	85.827	71.419	12.048	0.38	49.11
1.97	0.30	50.02	73.41	12.51	85.296	71.675	12.184	0.39	50.02
1.98	0.30	50.93	73.71	12.66	84.771	71.930	12.321	0.40	50.93
1.99	0.31	51.83	74.02	12.83	84.255	72.191	12.464	0.43	51.83
2.00	0.31	52.73	74.33	12.99	83.748	72.450	12.608	0.44	52.73
2.01	0.32	53.26	74.65	13.17	83.495	72.718	12.758	0.47	53.26
2.02	0.36	53.80	75.01	13.36	82.993	73.016	12.925	0.54	53.80
2.03	0.38	54.33	75.39	13.57	82.493	73.330	13.102	0.59	54.33
2.04	0.39	54.86	75.78	13.78	81.996	73.650	13.284	0.62	54.86
2.05	0.40	55.39	76.18	14.00	81.499	73.976	13.469	0.65	55.39
2.06	0.40	56.51	76.58	14.22	81.004	74.300	13.657	0.67	56.51
2.07	0.39	57.63	76.97	14.44	80.510	74.614	13.842	0.67	57.63
2.08	0.37	58.74	77.34	14.65	80.016	74.910	14.020	0.65	58.74
2.09	0.35	59.85	77.69	14.86	79.521	75.188	14.189	0.63	59.85
2.10	0.31	60.95	78.00	15.04	79.027	75.433	14.341	0.57	60.95
2.11	0.28	62.02	78.28	15.21	78.531	75.653	14.480	0.53	62.02
2.12	0.26	63.09	78.54	15.37	78.034	75.856	14.610	0.50	63.09
2.13	0.24	64.15	78.78	15.51	77.535	76.042	14.731	0.48	64.15
2.14	0.22	65.21	79.00	15.65	77.034	76.211	14.843	0.46	65.21
2.15	0.21	66.27	79.21	15.79	76.530	76.372	14.951	0.43	66.27
2.16	0.20	66.59	79.41	15.92	76.024	76.524	15.054	0.42	66.59
2.17	0.19	66.90	79.60	16.04	75.514	76.668	15.151	0.41	66.90
2.18	0.19	67.22	79.79	16.16	75.000	76.810	15.248	0.42	67.22
2.19	0.19	67.53	79.98	16.28	74.476	76.952	15.344	0.43	67.53
2.20	0.20	67.85	80.18	16.41	73.937	77.099	15.444	0.46	67.85
2.21	0.19	67.94	80.37	16.53	73.382	77.239	15.539	0.45	67.94
2.22	0.16	68.04	80.53	16.63	72.815	77.355	15.618	0.38	68.04
2.23	0.14	68.14	80.67	16.72	72.235	77.457	15.687	0.34	68.14
2.24	0.13	68.23	80.80	16.81	71.643	77.550	15.750	0.33	68.23
2.25	0.13	68.33	80.93	16.89	71.041	77.642	15.813	0.33	68.33
2.26	0.13	69.49	81.06	16.97	70.429	77.734	15.876	0.34	69.49
2.27	0.14	70.65	81.20	17.07	69.808	77.831	15.945	0.37	70.65
2.28	0.15	71.80	81.35	17.17	69.180	77.935	16.019	0.41	71.80
2.29	0.17	72.95	81.52	17.28	68.545	78.052	16.104	0.47	72.95
2.30	0.19	74.09	81.71	17.41	67.905	78.181	16.200	0.54	74.09
2.31	0.65	75.11	82.36	17.87	67.260	78.618	16.527	1.88	75.11
2.32	0.64	76.12	83.00	18.32	66.611	79.044	16.849	1.89	76.12
2.33	0.64	77.12	83.64	18.77	65.960	79.466	17.169	1.92	77.12
2.34	0.64	78.12	84.28	19.22	65.307	79.884	17.488	1.96	78.12

2.35	0.64	79.12	84.92	19.67	64.653	80.298	17.805	2.00	79.12
2.36	0.63	80.11	85.55	20.12	64.000	80.701	18.117	2.00	80.11
2.37	0.63	81.10	86.18	20.56	63.332	81.100	18.426	2.04	81.10
2.38	0.63	82.09	86.81	21.01	62.638	81.495	18.735	2.08	82.09
2.39	0.63	83.07	87.44	21.46	61.920	81.885	19.041	2.12	83.07
2.40	0.62	84.04	88.06	21.90	61.183	82.264	19.341	2.12	84.04
2.41	0.62	85.01	88.68	22.34	60.431	82.639	19.639	2.17	85.01
2.42	0.62	85.98	89.30	22.78	59.667	83.009	19.934	2.21	85.98
2.43	0.61	86.95	89.91	23.22	58.895	83.368	20.223	2.21	86.95
2.44	0.61	87.91	90.52	23.65	58.119	83.723	20.510	2.25	87.91
2.45	0.61	88.86	91.13	24.09	57.344	84.072	20.794	2.30	88.86
2.46	0.61	89.35	91.74	24.52	56.572	84.418	21.074	2.34	89.35
2.47	0.60	89.84	92.34	24.95	55.808	84.752	21.346	2.34	89.84
2.48	0.60	90.32	92.94	25.37	55.056	85.083	21.614	2.38	90.32
2.49	0.60	90.81	93.54	25.79	54.319	85.409	21.878	2.42	90.81
2.50	0.60	91.29	94.14	26.21	53.601	85.730	22.138	2.46	91.29
2.51	0.60	91.77	94.74	26.62	52.906	86.048	22.395	2.49	91.77
2.52	0.59	92.25	95.33	27.03	52.239	86.356	22.645	2.49	92.25
2.53	0.59	92.72	95.92	27.43	51.602	86.660	22.891	2.52	92.72
2.54	0.59	93.20	96.51	27.83	51.000	86.961	23.134	2.55	93.20
2.55	0.59	93.67	97.10	28.23	50.425	87.259	23.375	2.58	93.67
2.56	0.58	94.14	97.68	28.62	49.864	87.548	23.608	2.57	94.14
2.57	0.58	94.61	98.26	29.01	49.317	87.834	23.840	2.59	94.61
2.58	0.58	95.07	98.84	29.40	48.778	88.117	24.068	2.62	95.07
2.59	0.58	95.54	99.42	29.79	48.249	88.397	24.295	2.65	95.54
2.60	0.57	96.00	99.99	30.16	47.726	88.669	24.515	2.63	96.00

HEAD ASH %	30.16	CLEAN COAL ASH %	24.51	REFUSE ASH %	74.38
THED. YIELD	91.73	CLEAN COAL YIELD%	88.67	REFUSE YIELD%	11.33
SG OF SEPARATION	2.460	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	12.131	IMPERFECTION	0.382		
ORGANIC EFFCY.	96.66				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 16 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 12.77 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	1.69	0.33	1.69	0.33	99.521	1.682	0.330	0.07	0.33
1.25	1.68	0.64	3.37	0.48	99.485	3.353	0.485	0.07	0.64
1.26	1.68	0.95	5.05	0.64	99.448	5.024	0.639	0.08	0.95
1.27	1.67	1.26	6.72	0.79	99.410	6.684	0.793	0.08	1.26
1.28	1.66	1.57	8.38	0.95	99.372	8.334	0.947	0.09	1.57
1.29	1.64	1.88	10.02	1.10	99.333	9.963	1.100	0.09	1.88
1.30	1.62	2.18	11.64	1.25	99.294	11.571	1.250	0.10	2.18
1.31	1.61	2.48	13.25	1.40	99.253	13.169	1.399	0.10	2.48
1.32	1.58	2.86	14.83	1.56	99.212	14.737	1.555	0.11	2.86
1.33	1.56	3.33	16.39	1.72	99.171	16.284	1.723	0.11	3.33
1.34	1.53	3.79	17.92	1.90	99.129	17.801	1.899	0.11	3.79
1.35	1.50	4.24	19.42	2.08	99.087	19.287	2.080	0.12	4.24
1.36	1.47	4.70	20.89	2.27	99.044	20.743	2.264	0.12	4.70
1.37	1.44	5.15	22.33	2.45	99.000	22.168	2.449	0.12	5.15
1.38	1.40	5.60	23.73	2.64	98.956	23.554	2.635	0.12	5.60
1.39	1.36	6.04	25.09	2.82	98.911	24.899	2.819	0.13	6.04
1.40	1.32	6.48	26.41	3.00	98.864	26.204	3.001	0.13	6.48
1.41	1.29	6.87	27.70	3.18	98.816	27.479	3.180	0.13	6.87
1.42	1.29	7.26	28.99	3.37	98.766	28.753	3.361	0.14	7.26
1.43	1.29	7.65	30.28	3.55	98.715	30.026	3.543	0.14	7.65
1.44	1.29	8.04	31.57	3.73	98.661	31.299	3.726	0.15	8.04
1.45	1.28	8.42	32.85	3.91	98.605	32.561	3.908	0.15	8.42
1.46	1.28	9.30	34.13	4.12	98.546	33.822	4.109	0.16	9.30
1.47	1.28	10.17	35.41	4.34	98.484	35.083	4.327	0.17	10.17
1.48	1.28	11.04	36.69	4.57	98.419	36.343	4.559	0.17	11.04
1.49	1.28	11.90	37.97	4.82	98.351	37.602	4.805	0.18	11.90
1.50	1.28	12.76	39.25	5.08	98.279	38.860	5.063	0.19	12.76
1.51	1.28	13.34	40.53	5.34	98.203	40.117	5.322	0.20	13.34
1.52	1.28	13.91	41.81	5.60	98.124	41.373	5.583	0.20	13.91
1.53	1.28	14.48	43.09	5.86	98.040	42.628	5.845	0.21	14.48
1.54	1.27	15.04	44.36	6.13	97.951	43.872	6.105	0.22	15.04
1.55	1.27	15.60	45.63	6.39	97.858	45.114	6.367	0.23	15.60
1.56	1.27	16.46	46.90	6.66	97.760	46.356	6.637	0.24	16.46
1.57	1.27	17.31	48.17	6.94	97.656	47.596	6.915	0.25	17.31
1.58	1.27	18.16	49.44	7.23	97.548	48.835	7.201	0.27	18.16
1.59	1.27	19.00	50.71	7.53	97.433	50.072	7.492	0.28	19.00
1.60	1.26	19.84	51.97	7.82	97.313	51.299	7.787	0.29	19.84
1.61	1.22	20.50	53.19	8.11	97.186	52.484	8.075	0.29	20.50
1.62	1.15	21.16	54.34	8.39	97.053	53.600	8.347	0.29	21.16
1.63	1.09	21.81	55.43	8.65	96.914	54.657	8.607	0.29	21.81
1.64	1.03	22.46	56.46	8.91	96.768	55.653	8.855	0.28	22.46
1.65	0.98	23.10	57.44	9.15	96.614	56.600	9.094	0.28	23.10
1.66	0.93	23.94	58.37	9.38	96.453	57.497	9.325	0.28	23.94
1.67	0.90	24.76	59.27	9.62	96.285	58.364	9.554	0.29	24.76
1.68	0.86	25.59	60.13	9.85	96.109	59.190	9.778	0.29	25.59
1.69	0.84	26.41	60.97	10.07	95.804	59.995	10.001	0.30	26.41
1.70	0.82	27.22	61.79	10.30	95.587	60.779	10.224	0.31	27.22
1.71	0.81	27.97	62.60	10.53	95.353	61.551	10.446	0.32	27.97
1.72	0.79	28.71	63.39	10.76	95.104	62.303	10.666	0.33	28.71

1.73	0.76	29.45	64.15	10.98	94.843	63.023	10.881	0.33	29.45
1.74	0.72	30.18	64.87	11.19	94.575	63.704	11.088	0.33	30.18
1.75	0.68	30.92	65.55	11.40	94.301	64.346	11.285	0.33	30.92
1.76	0.63	32.21	66.18	11.59	94.025	64.938	11.476	0.32	32.21
1.77	0.57	33.51	66.75	11.78	93.750	65.472	11.656	0.30	33.51
1.78	0.51	34.79	67.26	11.96	93.486	65.949	11.823	0.28	34.79
1.79	0.44	36.07	67.70	12.11	93.233	66.359	11.973	0.25	36.07
1.80	0.36	37.34	68.06	12.25	92.983	66.694	12.100	0.22	37.34
1.81	0.31	38.58	68.37	12.37	92.725	66.982	12.214	0.19	38.58
1.82	0.30	39.80	68.67	12.49	92.451	67.259	12.328	0.19	39.80
1.83	0.30	41.02	68.97	12.61	92.151	67.536	12.445	0.20	41.02
1.84	0.29	42.23	69.26	12.73	91.815	67.802	12.562	0.20	42.23
1.85	0.29	43.44	69.55	12.86	91.435	68.067	12.682	0.21	43.44
1.86	0.29	44.05	69.84	12.99	91.000	68.331	12.804	0.22	44.05
1.87	0.29	44.66	70.13	13.12	90.526	68.593	12.926	0.23	44.66
1.88	0.30	45.26	70.43	13.26	90.037	68.863	13.052	0.26	45.26
1.89	0.30	45.86	70.73	13.40	89.535	69.132	13.180	0.27	45.86
1.90	0.31	46.45	71.04	13.54	89.021	69.408	13.312	0.29	46.45
1.91	0.31	46.90	71.35	13.69	88.499	69.682	13.444	0.30	46.90
1.92	0.31	47.35	71.66	13.83	87.969	69.955	13.577	0.32	47.35
1.93	0.32	47.79	71.98	13.98	87.436	70.235	13.713	0.34	47.79
1.94	0.32	48.23	72.30	14.13	86.899	70.513	13.849	0.36	48.23
1.95	0.32	48.67	72.62	14.29	86.362	70.789	13.985	0.37	48.67
1.96	0.32	49.69	72.94	14.44	85.827	71.064	14.123	0.39	49.69
1.97	0.32	50.70	73.26	14.60	85.296	71.337	14.263	0.40	50.70
1.98	0.32	51.70	73.58	14.76	84.771	71.608	14.405	0.42	51.70
1.99	0.32	52.70	73.90	14.93	84.255	71.878	14.548	0.43	52.70
2.00	0.32	53.69	74.22	15.09	83.748	72.146	14.694	0.44	53.69
2.01	0.35	54.46	74.57	15.28	83.495	72.438	14.854	0.49	54.46
2.02	0.40	55.22	74.97	15.49	82.993	72.770	15.038	0.58	55.22
2.03	0.43	55.98	75.40	15.72	82.493	73.125	15.237	0.64	55.98
2.04	0.45	56.74	75.85	15.97	81.996	73.494	15.445	0.69	56.74
2.05	0.45	57.49	76.30	16.21	81.499	73.860	15.654	0.71	57.49
2.06	0.43	58.30	76.73	16.45	81.004	74.209	15.854	0.70	58.30
2.07	0.40	59.10	77.13	16.67	80.510	74.531	16.041	0.67	59.10
2.08	0.35	59.89	77.48	16.86	80.016	74.811	16.205	0.60	59.89
2.09	0.29	60.68	77.77	17.03	79.521	75.041	16.342	0.51	60.68
2.10	0.21	61.47	77.98	17.15	79.027	75.207	16.442	0.38	61.47
2.11	0.16	62.31	78.14	17.24	78.531	75.333	16.518	0.29	62.31
2.12	0.15	63.15	78.29	17.33	78.034	75.450	16.590	0.28	63.15
2.13	0.14	63.98	78.43	17.41	77.535	75.558	16.658	0.27	63.98
2.14	0.13	64.81	78.56	17.49	77.034	75.659	16.722	0.25	64.81
2.15	0.13	65.63	78.69	17.57	76.530	75.758	16.786	0.26	65.63
2.16	0.13	65.94	78.82	17.65	76.024	75.857	16.850	0.27	65.94
2.17	0.13	66.24	78.95	17.73	75.514	75.955	16.914	0.27	66.24
2.18	0.13	66.54	79.08	17.81	75.000	76.053	16.978	0.28	66.54
2.19	0.13	66.84	79.21	17.89	74.476	76.149	17.041	0.28	66.84
2.20	0.13	67.14	79.34	17.97	73.937	76.246	17.105	0.29	67.14
2.21	0.13	67.17	79.47	18.05	73.382	76.341	17.167	0.30	67.17
2.22	0.13	67.20	79.60	18.13	72.815	76.436	17.229	0.30	67.20
2.23	0.13	67.23	79.73	18.21	72.235	76.530	17.290	0.31	67.23
2.24	0.13	67.25	79.86	18.29	71.643	76.623	17.351	0.31	67.25
2.25	0.13	67.28	79.99	18.37	71.041	76.715	17.411	0.32	67.28
2.26	0.13	68.43	80.12	18.45	70.429	76.807	17.472	0.33	68.43
2.27	0.13	69.58	80.25	18.53	69.808	76.897	17.534	0.34	69.58
2.28	0.13	70.72	80.38	18.62	69.180	76.987	17.596	0.34	70.72
2.29	0.13	71.86	80.51	18.70	68.545	77.076	17.658	0.35	71.86
2.30	0.13	72.99	80.64	18.79	67.905	77.165	17.722	0.36	72.99
2.31	0.69	74.07	81.33	19.26	67.260	77.629	18.059	1.93	74.07
2.32	0.68	75.14	82.01	19.72	66.611	78.082	18.390	1.94	75.14
2.33	0.68	76.20	82.69	20.19	65.960	78.530	18.720	1.98	76.20
2.34	0.68	77.26	83.37	20.65	65.307	78.974	19.049	2.01	77.26

2.35	.67	78.32	84.04	21.11	64.653	79.407	19.372	[illegible]2	78.32
2.36	0.67	79.37	84.71	21.57	64.000	79.836	19.695	2.06	79.37
2.37	0.67	80.42	85.38	22.04	63.332	80.261	20.016	2.10	80.42
2.38	0.67	81.47	86.05	22.50	62.638	80.680	20.335	2.14	81.47
2.39	0.66	82.51	86.71	22.95	61.920	81.089	20.649	2.15	82.51
2.40	0.66	83.54	87.37	23.41	61.183	81.493	20.960	2.19	83.54
2.41	0.66	84.57	88.03	23.87	60.431	81.892	21.270	2.23	84.57
2.42	0.65	85.60	88.68	24.32	59.667	82.279	21.573	2.24	85.60
2.43	0.65	86.62	89.33	24.78	58.895	82.662	21.875	2.28	86.62
2.44	0.65	87.64	89.98	25.23	58.119	83.040	22.174	2.32	87.64
2.45	0.65	88.65	90.63	25.69	57.344	83.413	22.471	2.37	88.65
2.46	0.64	89.16	91.27	26.13	56.572	83.775	22.759	2.37	89.16
2.47	0.64	89.66	91.91	26.57	55.808	84.132	23.043	2.41	89.66
2.48	0.64	90.16	92.55	27.01	55.056	84.484	23.323	2.46	90.16
2.49	0.64	90.65	93.19	27.45	54.319	84.832	23.599	2.50	90.65
2.50	0.63	91.15	93.82	27.88	53.601	85.170	23.867	2.49	91.15
2.51	0.63	91.64	94.46	28.30	52.906	85.503	24.131	2.53	91.64
2.52	0.63	92.14	95.08	28.73	52.239	85.832	24.392	2.57	92.14
2.53	0.63	92.63	95.71	29.15	51.602	86.157	24.649	2.60	92.63
2.54	0.62	93.11	96.33	29.56	51.000	86.473	24.900	2.59	93.11
2.55	0.62	93.60	96.95	29.97	50.425	86.786	25.147	2.62	93.60
2.56	0.62	94.08	97.57	30.38	49.864	87.095	25.392	2.65	94.08
2.57	0.62	94.56	98.19	30.78	49.317	87.401	25.634	2.68	94.56
2.58	0.61	95.05	98.80	31.18	48.779	87.698	25.869	2.67	95.05
2.59	0.61	95.52	99.41	31.57	48.249	87.993	26.102	2.69	95.52
2.60	0.61	96.00	100.02	31.97	47.726	88.284	26.333	2.72	96.00

HEAD ASH %	31.97	CLEAN COAL ASH %	26.33	REFUSE ASH %	74.41
THEO. YIELD	91.56	CLEAN COAL YIELD%	68.28	REFUSE YIELD%	11.72
SG OF SEPARATION	2.465	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	12.837	IMPERFECTION	0.382		
ORGANIC EFFCY.	96.42				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 17 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.49 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	1.16	0.22	1.16	0.22	99.521	1.154	0.220	0.10	0.22
1.25	1.24	0.43	2.40	0.33	99.485	2.388	0.328	0.11	0.43
1.26	1.33	0.64	3.73	0.44	99.448	3.711	0.440	0.13	0.64
1.27	1.41	0.85	5.14	0.55	99.410	5.112	0.552	0.14	0.85
1.28	1.49	1.06	6.63	0.67	99.372	6.593	0.666	0.16	1.06
1.29	1.57	1.26	8.20	0.78	99.333	8.153	0.780	0.18	1.26
1.30	1.65	1.47	9.85	0.90	99.294	9.791	0.895	0.20	1.47
1.31	1.73	1.67	11.58	1.01	99.253	11.508	1.011	0.22	1.67
1.32	1.80	2.06	13.38	1.15	99.212	13.294	1.152	0.25	2.06
1.33	1.88	2.63	15.26	1.33	99.171	15.158	1.334	0.27	2.63
1.34	1.95	3.20	17.21	1.55	99.129	17.091	1.545	0.29	3.20
1.35	2.02	3.77	19.23	1.78	99.087	19.093	1.778	0.32	3.77
1.36	2.09	4.33	21.32	2.03	99.044	21.163	2.028	0.35	4.33
1.37	2.16	4.89	23.48	2.29	99.000	23.301	2.290	0.37	4.89
1.38	2.23	5.45	25.71	2.57	98.956	25.508	2.564	0.40	5.45
1.39	2.29	6.00	28.00	2.85	98.911	27.773	2.844	0.43	6.00
1.40	2.36	6.55	30.36	3.14	98.864	30.106	3.131	0.46	6.55
1.41	2.62	6.79	32.98	3.43	98.816	32.695	3.421	0.54	6.79
1.42	3.01	7.04	35.99	3.73	98.766	35.668	3.722	0.64	7.04
1.43	3.30	7.28	39.29	4.03	98.715	38.926	4.020	0.73	7.28
1.44	3.49	7.52	42.78	4.31	98.661	42.369	4.305	0.81	7.52
1.45	3.57	7.76	46.35	4.58	98.605	45.889	4.570	0.86	7.76
1.46	3.54	8.79	49.89	4.88	98.546	49.378	4.868	0.89	8.79
1.47	3.41	9.82	53.30	5.19	98.484	52.736	5.183	0.89	9.82
1.48	3.18	10.84	56.48	5.51	98.419	55.866	5.500	0.87	10.84
1.49	2.84	11.85	59.32	5.81	98.351	58.659	5.802	0.81	11.85
1.50	2.39	12.86	61.71	6.09	98.279	61.008	6.074	0.71	12.86
1.51	2.09	13.97	63.80	6.34	98.203	63.060	6.331	0.65	13.97
1.52	1.99	15.08	65.79	6.61	98.124	65.013	6.594	0.65	15.08
1.53	1.87	16.18	67.66	6.87	98.040	66.846	6.857	0.63	16.18
1.54	1.74	17.27	69.40	7.13	97.951	68.550	7.116	0.62	17.27
1.55	1.59	18.35	70.99	7.39	97.858	70.106	7.365	0.59	18.35
1.56	1.43	18.68	72.42	7.61	97.760	71.504	7.586	0.55	18.68
1.57	1.25	19.01	73.67	7.80	97.656	72.725	7.778	0.51	19.01
1.58	1.06	19.34	74.73	7.97	97.548	73.759	7.940	0.45	19.34
1.59	0.86	19.66	75.59	8.10	97.433	74.597	8.072	0.38	19.66
1.60	0.64	19.98	76.23	8.20	97.313	75.220	8.170	0.30	19.98
1.61	0.53	20.37	76.76	8.28	97.186	75.735	8.253	0.26	20.37
1.62	0.53	20.75	77.29	8.37	97.053	76.249	8.338	0.27	20.75
1.63	0.53	21.13	77.82	8.45	96.914	76.763	8.423	0.28	21.13
1.64	0.53	21.51	78.35	8.54	96.768	77.276	8.510	0.30	21.51
1.65	0.52	21.89	78.87	8.63	96.614	77.778	8.597	0.30	21.89
1.66	0.52	22.95	79.39	8.72	96.453	78.280	8.689	0.32	22.95
1.67	0.53	24.01	79.92	8.83	96.285	78.790	8.788	0.34	24.01
1.68	0.53	25.06	80.45	8.93	96.109	79.299	8.892	0.36	25.06
1.69	0.53	26.10	80.98	9.05	95.804	79.807	9.002	0.38	26.10
1.70	0.53	27.13	81.51	9.16	95.587	80.314	9.116	0.40	27.13
1.71	.54	27.83	82.05	9.29	95.353	80.829	9.235	.13	27.83
1.72	.55	28.51	82.60	9.41	95.104	81.352	9.359	.7	28.51

1.73	0.55	29.19	83.15	9.54	94.843	81.873	9.486	0.49	29.19
1.74	0.55	29.87	83.70	9.68	94.575	82.394	9.614	0.52	29.87
1.75	0.55	30.55	84.25	9.81	94.301	82.912	9.745	0.54	30.55
1.76	0.55	31.55	84.80	9.96	94.025	83.429	9.880	0.57	31.55
1.77	0.54	32.55	85.34	10.10	93.750	83.936	10.017	0.58	32.55
1.78	0.52	33.54	85.86	10.24	93.486	84.422	10.153	0.59	33.54
1.79	0.51	34.53	86.37	10.38	93.233	84.897	10.289	0.60	34.53
1.80	0.49	35.51	86.86	10.53	92.983	85.353	10.424	0.59	35.51
1.81	0.42	36.95	87.28	10.65	92.725	85.742	10.544	0.53	36.95
1.82	0.32	38.38	87.60	10.75	92.451	86.038	10.640	0.42	38.38
1.83	0.23	39.80	87.83	10.83	92.161	86.250	10.712	0.31	39.80
1.84	0.16	41.22	87.99	10.89	91.815	86.397	10.764	0.23	41.22
1.85	0.10	42.63	88.09	10.92	91.435	86.488	10.797	0.15	42.63
1.86	0.06	42.75	88.15	10.94	91.000	86.543	10.817	0.09	42.75
1.87	0.04	42.87	88.19	10.96	90.526	86.579	10.831	0.07	42.87
1.88	0.04	42.99	88.23	10.97	90.037	86.615	10.844	0.07	42.99
1.89	0.05	43.12	88.28	10.99	89.535	86.660	10.861	0.09	43.12
1.90	0.09	43.24	88.37	11.02	89.021	86.740	10.891	0.17	43.24
1.91	0.11	43.79	88.48	11.06	88.499	86.837	10.928	0.22	43.79
1.92	0.11	44.34	88.59	11.11	87.969	86.934	10.965	0.23	44.34
1.93	0.11	44.88	88.70	11.15	87.436	87.030	11.002	0.24	44.88
1.94	0.11	45.43	88.81	11.19	86.899	87.126	11.040	0.25	45.43
1.95	0.11	45.97	88.92	11.23	86.362	87.221	11.078	0.26	45.97
1.96	0.11	46.62	89.03	11.28	85.827	87.315	11.117	0.27	46.62
1.97	0.10	47.27	89.13	11.32	85.296	87.401	11.152	0.25	47.27
1.98	0.10	47.91	89.23	11.36	84.771	87.485	11.187	0.26	47.91
1.99	0.10	48.56	89.33	11.40	84.255	87.570	11.223	0.27	48.56
2.00	0.10	49.20	89.43	11.44	83.748	87.653	11.260	0.28	49.20
2.01	0.09	49.61	89.52	11.48	83.495	87.729	11.293	0.26	49.61
2.02	0.09	50.01	89.61	11.52	82.993	87.803	11.325	0.26	50.01
2.03	0.09	50.42	89.70	11.56	82.493	87.878	11.358	0.27	50.42
2.04	0.09	50.82	89.79	11.60	81.996	87.951	11.392	0.28	50.82
2.05	0.09	51.22	89.88	11.64	81.499	88.025	11.425	0.29	51.22
2.06	0.09	52.08	89.97	11.68	81.004	88.098	11.458	0.30	52.08
2.07	0.09	52.94	90.06	11.72	80.510	88.170	11.492	0.30	52.94
2.08	0.09	53.79	90.15	11.76	80.016	88.242	11.527	0.31	53.79
2.09	0.09	54.64	90.24	11.80	79.521	88.314	11.562	0.32	54.64
2.10	0.09	55.48	90.33	11.85	79.027	88.385	11.597	0.33	55.48
2.11	0.09	56.26	90.42	11.89	78.531	88.455	11.633	0.33	56.26
2.12	0.09	57.04	90.51	11.94	78.034	88.526	11.669	0.34	57.04
2.13	0.09	57.82	90.60	11.98	77.535	88.595	11.705	0.35	57.82
2.14	0.09	58.59	90.69	12.03	77.034	88.665	11.742	0.36	58.59
2.15	0.09	59.36	90.78	12.07	76.530	88.734	11.779	0.37	59.36
2.16	0.09	60.13	90.87	12.12	76.024	88.802	11.816	0.37	60.13
2.17	0.09	60.89	90.96	12.17	75.514	88.870	11.854	0.38	60.89
2.18	0.09	61.65	91.05	12.22	75.000	88.938	11.892	0.39	61.65
2.19	0.09	62.41	91.14	12.27	74.476	89.005	11.930	0.40	62.41
2.20	0.09	63.16	91.23	12.32	73.937	89.071	11.968	0.41	63.16
2.21	0.09	63.67	91.32	12.37	73.382	89.137	12.006	0.41	63.67
2.22	0.09	64.18	91.41	12.42	72.815	89.203	12.045	0.42	64.18
2.23	0.09	64.68	91.50	12.47	72.235	89.268	12.083	0.43	64.68
2.24	0.09	65.19	91.59	12.52	71.643	89.332	12.121	0.44	65.19
2.25	0.09	65.69	91.68	12.58	71.041	89.396	12.159	0.45	65.69
2.26	0.09	66.19	91.77	12.63	70.429	89.460	12.198	0.46	66.19
2.27	0.09	66.68	91.86	12.68	69.808	89.522	12.236	0.47	66.68
2.28	0.09	67.18	91.95	12.73	69.180	89.585	12.274	0.48	67.18
2.29	0.09	67.67	92.04	12.79	68.545	89.646	12.312	0.49	67.67
2.30	0.09	68.16	92.13	12.84	67.905	89.707	12.350	0.50	68.16
2.31	0.28	68.19	92.41	13.01	67.260	89.896	12.467	1.59	68.19
2.32	0.28	68.21	92.69	13.18	66.611	90.082	12.583	1.62	68.21
2.33	0.28	68.24	92.97	13.34	65.960	90.267	12.697	1.65	68.24
2.34	0.27	68.26	93.24	13.50	65.307	90.443	12.805	1.62	68.26

2.35	0.27	68.29	93.51	13.66	64.653	90.618	12.912	1.65	68.29
2.36	0.27	68.31	93.78	13.82	64.000	90.791	13.017	1.68	68.31
2.37	0.27	68.34	94.05	13.97	63.332	90.962	13.121	1.71	68.34
2.38	0.27	68.36	94.32	14.13	62.638	91.131	13.224	1.74	68.36
2.39	0.27	68.39	94.59	14.28	61.920	91.298	13.325	1.78	68.39
2.40	0.27	68.41	94.86	14.44	61.183	91.463	13.424	1.81	68.41
2.41	0.27	68.44	95.13	14.59	60.431	91.626	13.522	1.85	68.44
2.42	0.27	68.46	95.40	14.74	59.667	91.787	13.619	1.88	68.46
2.43	0.26	68.49	95.66	14.89	58.895	91.941	13.710	1.85	68.49
2.44	0.26	68.51	95.92	15.04	58.119	92.092	13.800	1.88	68.51
2.45	0.26	68.54	96.18	15.18	57.344	92.241	13.889	1.92	68.54
2.46	0.26	70.42	96.44	15.33	56.572	92.388	13.979	1.95	70.42
2.47	0.26	72.29	96.70	15.48	55.808	92.533	14.070	1.99	72.29
2.48	0.26	74.16	96.96	15.64	55.056	92.676	14.163	2.02	74.16
2.49	0.26	76.02	97.22	15.80	54.319	92.817	14.257	2.05	76.02
2.50	0.26	77.87	97.48	15.97	53.601	92.957	14.352	2.09	77.87
2.51	0.26	79.72	97.74	16.14	52.906	93.094	14.449	2.12	79.72
2.52	0.25	81.56	97.99	16.30	52.239	93.225	14.543	2.06	81.56
2.53	0.25	83.39	98.24	16.47	51.602	93.354	14.638	2.09	83.39
2.54	0.25	85.21	98.49	16.65	51.000	93.481	14.734	2.12	85.21
2.55	0.25	87.03	98.74	16.83	50.425	93.607	14.832	2.14	87.03
2.56	0.25	88.83	98.99	17.01	49.864	93.732	14.930	2.17	88.83
2.57	0.25	90.64	99.24	17.19	49.317	93.855	15.029	2.19	90.64
2.58	0.25	92.43	99.49	17.38	48.779	93.977	15.130	2.21	92.43
2.59	0.25	94.22	99.74	17.58	48.249	94.098	15.231	2.24	94.22
2.60	0.25	96.00	99.99	17.77	47.726	94.217	15.334	2.26	96.00

HEAD ASH %	17.77	CLEAN COAL ASH %	15.33	REFUSE ASH %	57.50
THEO. YIELD	96.45	CLEAN COAL YIELD%	94.22	REFUSE YIELD%	5.78
SG OF SEPARATION	2.460	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	5.209	IMPERFECTION	0.382		
ORGANIC EFFCY.	97.69				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 18 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.26 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	1.28	0.31	1.28	0.31	99.521	1.274	0.310	0.05	0.31
1.25	1.30	0.60	2.58	0.46	99.485	2.567	0.456	0.06	0.60
1.26	1.31	0.90	3.89	0.61	99.448	3.870	0.606	0.06	0.90
1.27	1.33	1.19	5.22	0.75	99.410	5.192	0.754	0.07	1.19
1.28	1.34	1.47	6.56	0.90	99.372	6.524	0.900	0.07	1.47
1.29	1.36	1.76	7.92	1.05	99.333	7.875	1.048	0.08	1.76
1.30	1.38	2.04	9.30	1.20	99.294	9.245	1.195	0.09	2.04
1.31	1.39	2.32	10.69	1.34	99.253	10.624	1.341	0.09	2.32
1.32	1.41	2.70	12.10	1.50	99.212	12.023	1.499	0.10	2.70
1.33	1.43	3.17	13.53	1.68	99.171	13.442	1.675	0.11	3.17
1.34	1.45	3.64	14.98	1.87	99.129	14.879	1.865	0.11	3.64
1.35	1.46	4.10	16.44	2.06	99.087	16.326	2.063	0.12	4.10
1.36	1.48	4.56	17.92	2.27	99.044	17.791	2.269	0.13	4.56
1.37	1.50	5.02	19.42	2.48	99.000	19.276	2.481	0.13	5.02
1.38	1.52	5.47	20.94	2.70	98.956	20.781	2.697	0.14	5.47
1.39	1.54	5.92	22.48	2.92	98.911	22.304	2.917	0.15	5.92
1.40	1.56	6.37	24.04	3.14	98.864	23.846	3.141	0.16	6.37
1.41	1.59	6.83	25.63	3.36	98.816	25.417	3.356	0.17	6.83
1.42	1.62	6.89	27.25	3.57	98.766	27.017	3.566	0.18	6.89
1.43	1.65	7.15	28.90	3.77	98.715	28.646	3.769	0.19	7.15
1.44	1.68	7.40	30.58	3.97	98.661	30.304	3.968	0.20	7.40
1.45	1.70	7.65	32.28	4.17	98.605	31.980	4.161	0.21	7.65
1.46	1.72	8.28	34.00	4.38	98.546	33.675	4.368	0.22	8.28
1.47	1.73	8.90	35.73	4.59	98.484	35.379	4.587	0.23	8.90
1.48	1.74	9.52	37.47	4.82	98.419	37.091	4.814	0.24	9.52
1.49	1.74	10.13	39.21	5.06	98.351	38.802	5.049	0.25	10.13
1.50	1.74	10.74	40.95	5.30	98.279	40.512	5.289	0.27	10.74
1.51	1.81	11.24	42.76	5.55	98.203	42.290	5.539	0.29	11.24
1.52	1.93	11.74	44.69	5.82	98.124	44.184	5.805	0.32	11.74
1.53	2.01	12.23	46.70	6.09	98.040	46.154	6.079	0.35	12.23
1.54	2.06	12.72	48.76	6.37	97.951	48.172	6.357	0.37	12.72
1.55	2.07	13.21	50.83	6.65	97.858	50.198	6.634	0.39	13.21
1.56	2.05	14.29	52.88	6.95	97.760	52.202	6.926	0.41	14.29
1.57	1.99	15.37	54.87	7.25	97.656	54.145	7.231	0.41	15.37
1.58	1.90	16.43	56.77	7.56	97.548	55.999	7.535	0.41	16.43
1.59	1.78	17.50	58.55	7.86	97.433	57.733	7.835	0.41	17.50
1.60	1.61	18.55	60.16	8.15	97.313	59.300	8.118	0.38	18.55
1.61	1.42	19.67	61.58	8.42	97.186	60.680	8.381	0.35	19.67
1.62	1.22	20.78	62.80	8.66	97.053	61.864	8.618	0.32	20.78
1.63	1.05	21.89	63.85	8.87	96.914	62.881	8.833	0.29	21.89
1.64	0.90	22.98	64.75	9.07	96.768	63.752	9.026	0.26	22.98
1.65	0.77	24.08	65.52	9.25	96.614	64.496	9.200	0.23	24.08
1.66	0.66	24.84	66.18	9.40	96.453	65.133	9.352	0.21	24.84
1.67	0.58	25.60	66.76	9.54	96.285	65.691	9.491	0.19	25.60
1.68	0.52	26.36	67.28	9.67	96.109	66.191	9.618	0.18	26.36
1.69	0.48	27.11	67.76	9.80	95.804	66.651	9.739	0.18	27.11
1.70	0.46	27.86	68.22	9.92	95.587	67.091	9.857	0.18	27.86
1.71	0.47	28.86	68.69	10.05	95.353	67.539	9.983	0.19	28.86
1.72	0.47	29.86	69.16	10.18	95.104	67.986	10.114	0.20	29.86

1.73	0.47	30.85	69.63	10.32	94.843	68.431	10.249	0.22	30.85
1.74	0.46	31.83	70.09	10.46	94.575	68.866	10.386	0.22	31.83
1.75	0.44	32.81	70.53	10.60	94.301	69.281	10.520	0.22	32.81
1.76	0.41	33.61	70.94	10.73	94.025	69.667	10.648	0.22	33.61
1.77	0.38	34.41	71.32	10.86	93.750	70.023	10.769	0.21	34.41
1.78	0.34	35.20	71.66	10.98	93.486	70.341	10.879	0.20	35.20
1.79	0.28	35.99	71.94	11.07	93.233	70.602	10.972	0.17	35.99
1.80	0.23	36.77	72.17	11.16	92.983	70.816	11.050	0.14	36.77
1.81	0.19	37.46	72.36	11.22	92.725	70.992	11.115	0.12	37.46
1.82	0.17	38.14	72.53	11.29	92.451	71.149	11.175	0.11	38.14
1.83	0.16	38.82	72.69	11.35	92.151	71.297	11.232	0.11	38.82
1.84	0.16	39.49	72.85	11.41	91.815	71.444	11.290	0.12	39.49
1.85	0.16	40.16	73.01	11.47	91.435	71.590	11.349	0.12	40.16
1.86	0.16	40.85	73.17	11.54	91.000	71.736	11.409	0.13	40.85
1.87	0.16	41.54	73.33	11.60	90.526	71.880	11.470	0.13	41.54
1.88	0.17	42.23	73.50	11.67	90.037	72.033	11.535	0.15	42.23
1.89	0.18	42.91	73.68	11.75	89.536	72.195	11.605	0.17	42.91
1.90	0.20	43.59	73.88	11.84	89.021	72.373	11.684	0.19	43.59
1.91	0.21	44.03	74.09	11.93	88.499	72.558	11.767	0.21	44.03
1.92	0.22	44.47	74.31	12.02	87.969	72.752	11.854	0.23	44.47
1.93	0.22	44.90	74.53	12.12	87.436	72.944	11.941	0.25	44.90
1.94	0.23	45.33	74.76	12.22	86.899	73.144	12.032	0.27	45.33
1.95	0.23	45.76	74.99	12.33	86.362	73.343	12.123	0.28	45.76
1.96	0.22	46.82	75.21	12.43	85.827	73.532	12.213	0.28	46.82
1.97	0.22	47.87	75.43	12.53	85.296	73.719	12.303	0.29	47.87
1.98	0.21	48.92	75.64	12.63	84.771	73.897	12.391	0.28	48.92
1.99	0.21	49.96	75.85	12.73	84.255	74.074	12.481	0.29	49.96
2.00	0.19	50.99	76.04	12.83	83.748	74.233	12.564	0.27	50.99
2.01	0.19	51.81	76.23	12.93	83.495	74.392	12.647	0.28	51.81
2.02	0.18	52.62	76.41	13.02	82.993	74.541	12.728	0.27	52.62
2.03	0.18	53.42	76.59	13.12	82.493	74.690	12.808	0.28	53.42
2.04	0.17	54.22	76.76	13.21	81.996	74.829	12.886	0.27	54.22
2.05	0.17	55.02	76.93	13.30	81.499	74.968	12.963	0.28	55.02
2.06	0.16	55.89	77.09	13.39	81.004	75.097	13.038	0.27	55.89
2.07	0.15	56.75	77.24	13.47	80.510	75.218	13.108	0.26	56.75
2.08	0.14	57.61	77.38	13.55	80.016	75.330	13.174	0.25	57.61
2.09	0.14	58.46	77.52	13.63	79.521	75.442	13.241	0.25	58.46
2.10	0.13	59.31	77.65	13.71	79.027	75.544	13.303	0.24	59.31
2.11	0.12	60.12	77.77	13.78	78.531	75.639	13.362	0.23	60.12
2.12	0.12	60.92	77.89	13.85	78.034	75.732	13.421	0.23	60.92
2.13	0.12	61.72	78.01	13.93	77.535	75.825	13.480	0.24	61.72
2.14	0.11	62.52	78.12	14.00	77.034	75.910	13.535	0.22	62.52
2.15	0.11	63.31	78.23	14.06	76.530	75.994	13.590	0.23	63.31
2.16	0.11	63.86	78.34	14.13	76.024	76.078	13.645	0.23	63.86
2.17	0.11	64.40	78.45	14.21	75.514	76.161	13.700	0.24	64.40
2.18	0.11	64.95	78.56	14.28	75.000	76.243	13.756	0.24	64.95
2.19	0.11	65.49	78.67	14.35	74.476	76.325	13.811	0.25	65.49
2.20	0.11	66.03	78.78	14.42	73.937	76.407	13.867	0.25	66.03
2.21	0.12	66.27	78.90	14.50	73.382	76.495	13.927	0.28	66.27
2.22	0.12	66.50	79.02	14.58	72.815	76.582	13.987	0.29	66.50
2.23	0.12	66.74	79.14	14.66	72.235	76.669	14.047	0.30	66.74
2.24	0.12	66.98	79.26	14.74	71.643	76.755	14.106	0.30	66.98
2.25	0.12	67.21	79.38	14.82	71.041	76.840	14.165	0.31	67.21
2.26	0.13	68.30	79.51	14.90	70.429	76.932	14.229	0.34	68.30
2.27	0.13	69.39	79.64	14.99	69.808	77.022	14.294	0.35	69.39
2.28	0.13	70.47	79.77	15.08	69.180	77.112	14.360	0.36	70.47
2.29	0.13	71.55	79.90	15.17	68.545	77.201	14.426	0.36	71.55
2.30	0.13	72.62	80.03	15.27	67.905	77.290	14.492	0.37	72.62
2.31	0.71	73.46	80.74	15.78	67.260	77.767	14.855	2.06	73.46
2.32	0.70	74.29	81.44	16.28	66.611	78.233	15.209	2.07	74.29
2.33	0.70	75.12	82.14	16.78	65.960	78.695	15.560	2.11	75.12
2.34	0.70	75.95	82.84	17.28	65.307	79.152	15.909	2.15	75.95

2.35	0.69	76.77	83.53	17.77	64.653	79.598	16.250	2.16	76.77
2.36	0.69	77.59	84.22	18.26	64.000	80.040	16.589	2.20	77.59
2.37	0.69	78.41	84.91	18.75	63.332	80.477	16.924	2.24	78.41
2.38	0.68	79.22	85.59	19.23	62.638	80.903	17.252	2.25	79.22
2.39	0.68	80.03	86.27	19.71	61.920	81.324	17.577	2.30	80.03
2.40	0.68	80.84	86.95	20.19	61.183	81.740	17.899	2.34	80.84
2.41	0.68	81.64	87.63	20.67	60.431	82.151	18.218	2.39	81.64
2.42	0.67	82.44	88.30	21.14	59.667	82.551	18.529	2.40	82.44
2.43	0.67	83.24	88.97	21.60	58.895	82.945	18.837	2.44	83.24
2.44	0.67	84.03	89.64	22.07	58.119	83.335	19.142	2.49	84.03
2.45	0.67	84.82	90.31	22.54	57.344	83.719	19.443	2.54	84.82
2.46	0.66	85.58	90.97	22.99	56.572	84.092	19.737	2.54	85.58
2.47	0.66	86.35	91.63	23.45	55.808	84.461	20.027	2.59	86.35
2.48	0.66	87.11	92.29	23.91	55.056	84.824	20.315	2.63	87.11
2.49	0.65	87.87	92.94	24.35	54.319	85.177	20.595	2.63	87.87
2.50	0.65	88.62	93.59	24.80	53.601	85.525	20.872	2.68	88.62
2.51	0.65	89.37	94.24	25.24	52.906	85.869	21.146	2.72	89.37
2.52	0.65	90.12	94.89	25.69	52.239	86.209	21.418	2.75	90.12
2.53	0.64	90.86	95.53	26.13	51.602	86.539	21.683	2.75	90.86
2.54	0.64	91.61	96.17	26.56	51.000	86.866	21.946	2.78	91.61
2.55	0.64	92.35	96.81	27.00	50.425	87.188	22.206	2.82	92.35
2.56	0.64	93.08	97.45	27.43	49.864	87.507	22.465	2.85	93.08
2.57	0.63	93.82	98.08	27.86	49.317	87.818	22.717	2.83	93.82
2.58	0.63	94.55	98.71	28.28	48.779	88.125	22.968	2.86	94.55
2.59	0.63	95.27	99.34	28.71	48.249	88.429	23.216	2.89	95.27
2.60	0.63	96.00	99.97	29.13	47.726	88.730	23.463	2.92	96.00

		CLEAN COAL ASH %	23.46	REFUSE ASH %	73.76
HEAD ASH %	29.13	CLEAN COAL YIELD%	88.73	REFUSE YIELD%	11.27
THEO. YIELD	91.65	ECART PROB. MOYEN	0.4503		
SG OF SEPARATION	2.470	IMPERFECTION	0.382		
NEAR GRAVITY MAT	13.169				
ORGANIC EFFCY.	96.82				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 19 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 14.45 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.86	0.22	0.86	0.22	99.521	0.856	0.220	0.03	0.22
1.25	0.92	0.42	1.78	0.32	99.485	1.771	0.323	0.04	0.42
1.26	0.98	0.62	2.76	0.43	99.448	2.746	0.429	0.04	0.62
1.27	1.04	0.82	3.80	0.54	99.410	3.780	0.536	0.05	0.82
1.28	1.10	1.02	4.90	0.64	99.372	4.873	0.644	0.06	1.02
1.29	1.16	1.22	6.06	0.75	99.333	6.025	0.754	0.06	1.22
1.30	1.21	1.42	7.27	0.87	99.294	7.226	0.865	0.07	1.42
1.31	1.27	1.61	8.54	0.98	99.253	8.487	0.976	0.08	1.61
1.32	1.33	1.98	9.87	1.11	99.212	9.806	1.111	0.08	1.98
1.33	1.38	2.51	11.25	1.28	99.171	11.175	1.282	0.09	2.51
1.34	1.44	3.03	12.69	1.48	99.129	12.602	1.480	0.10	3.03
1.35	1.49	3.56	14.18	1.70	99.087	14.079	1.698	0.11	3.56
1.36	1.55	4.07	15.73	1.93	99.044	15.614	1.931	0.12	4.07
1.37	1.60	4.59	17.33	2.18	99.000	17.198	2.176	0.13	4.59
1.38	1.65	5.10	18.98	2.43	98.956	18.831	2.430	0.14	5.10
1.39	1.71	5.61	20.69	2.70	98.911	20.522	2.692	0.15	5.61
1.40	1.76	6.11	22.45	2.96	98.864	22.262	2.959	0.16	6.11
1.41	1.94	6.25	24.39	3.22	98.816	24.179	3.220	0.19	6.25
1.42	2.22	6.40	26.61	3.49	98.766	26.372	3.484	0.22	6.40
1.43	2.42	6.54	29.03	3.74	98.715	28.761	3.738	0.25	6.54
1.44	2.55	6.68	31.58	3.98	98.661	31.277	3.975	0.28	6.68
1.45	2.60	6.82	34.18	4.20	98.605	33.840	4.190	0.29	6.82
1.46	2.59	8.09	36.77	4.47	98.546	36.393	4.464	0.30	8.09
1.47	2.50	9.35	39.27	4.78	98.484	38.855	4.773	0.31	9.35
1.48	2.35	10.61	41.62	5.11	98.419	41.168	5.101	0.30	10.61
1.49	2.12	11.86	43.74	5.44	98.351	43.253	5.427	0.28	11.86
1.50	1.82	13.09	45.56	5.74	98.279	45.041	5.732	0.25	13.09
1.51	1.62	14.39	47.18	6.04	98.203	46.632	6.027	0.24	14.39
1.52	1.55	15.68	48.73	6.35	98.124	48.153	6.332	0.24	15.68
1.53	1.48	16.95	50.21	6.66	98.040	49.604	6.642	0.23	16.95
1.54	1.39	18.22	51.60	6.97	97.951	50.966	6.952	0.23	18.22
1.55	1.29	19.49	52.89	7.28	97.858	52.228	7.255	0.22	19.49
1.56	1.17	20.01	54.06	7.55	97.760	53.372	7.528	0.21	20.01
1.57	1.05	20.53	55.11	7.80	97.656	54.397	7.773	0.20	20.53
1.58	0.91	21.04	56.02	8.01	97.548	55.285	7.986	0.18	21.04
1.59	0.77	21.55	56.79	8.20	97.433	56.035	8.168	0.16	21.55
1.60	0.61	22.06	57.40	8.34	97.313	56.629	8.313	0.13	22.06
1.61	0.51	22.64	57.91	8.47	97.186	57.124	8.438	0.12	22.64
1.62	0.49	23.21	58.40	8.59	97.053	57.600	8.560	0.12	23.21
1.63	0.48	23.78	58.88	8.72	96.914	58.068	8.682	0.12	23.78
1.64	0.47	24.34	59.35	8.84	96.768	58.520	8.803	0.12	24.34
1.65	0.46	24.90	59.81	8.97	96.614	58.964	8.925	0.13	24.90
1.66	0.47	25.89	60.28	9.10	96.453	59.418	9.054	0.13	25.89
1.67	0.47	26.88	60.75	9.24	96.285	59.870	9.189	0.14	26.88
1.68	0.48	27.86	61.23	9.38	96.109	60.332	9.332	0.15	27.86
1.69	0.50	28.83	61.73	9.54	95.804	60.811	9.485	0.17	28.83
1.70	0.52	29.80	62.25	9.71	95.587	61.308	9.650	0.19	29.80
1.71	0.56	30.54	62.81	9.89	95.353	61.842	9.830	.21	30.54
1.72	0.59	31.27	63.40	10.09	95.104	62.403	10.023	.23	31.27

1.73	0.61	32.00	64.01	10.30	94.843	62.981	10.225	0.25	32.00
1.74	0.62	32.73	64.63	10.52	94.575	63.568	10.433	0.27	32.73
1.75	0.61	33.45	65.24	10.73	94.301	64.143	10.639	0.28	33.45
1.76	0.60	34.32	65.84	10.95	94.025	64.707	10.845	0.29	34.32
1.77	0.57	35.17	66.41	11.15	93.750	65.241	11.045	0.29	35.17
1.78	0.62	36.03	66.93	11.35	93.486	65.727	11.230	0.27	36.03
1.79	0.47	36.88	67.40	11.53	93.233	66.166	11.399	0.26	36.88
1.80	0.40	37.72	67.80	11.68	92.983	66.538	11.547	0.23	37.72
1.81	0.34	38.56	68.14	11.81	92.725	66.853	11.674	0.20	38.56
1.82	0.31	39.39	68.45	11.94	92.451	67.139	11.792	0.19	39.39
1.83	0.29	40.22	68.74	12.06	92.151	67.407	11.905	0.18	40.22
1.84	0.27	41.05	69.01	12.17	91.815	67.655	12.012	0.18	41.05
1.85	0.25	41.87	69.26	12.28	91.435	67.883	12.112	0.17	41.87
1.86	0.23	42.39	69.49	12.38	91.000	68.093	12.205	0.17	42.39
1.87	0.22	42.91	69.71	12.47	90.526	68.292	12.295	0.17	42.91
1.88	0.22	43.43	69.93	12.57	90.037	68.490	12.385	0.18	43.43
1.89	0.22	43.94	70.15	12.67	89.535	68.687	12.475	0.19	43.94
1.90	0.22	44.45	70.37	12.77	89.021	68.883	12.566	0.20	44.45
1.91	0.22	44.81	70.59	12.87	88.499	69.077	12.657	0.20	44.81
1.92	0.22	45.16	70.81	12.97	87.969	69.271	12.748	0.21	45.16
1.93	0.22	45.52	71.03	13.07	87.436	69.463	12.839	0.22	45.52
1.94	0.22	45.87	71.25	13.17	86.899	69.654	12.929	0.23	45.87
1.95	0.22	46.22	71.47	13.27	86.362	69.844	13.020	0.24	46.22
1.96	0.22	47.08	71.69	13.38	85.827	70.033	13.112	0.25	47.08
1.97	0.22	47.93	71.91	13.48	85.296	70.221	13.205	0.26	47.93
1.98	0.22	48.78	72.13	13.59	84.771	70.407	13.299	0.27	48.78
1.99	0.22	49.62	72.35	13.70	84.255	70.593	13.394	0.28	49.62
2.00	0.22	50.46	72.57	13.81	83.748	70.777	13.491	0.29	50.46
2.01	0.22	50.99	72.79	13.92	83.495	70.961	13.588	0.29	50.99
2.02	0.22	51.52	73.01	14.04	82.993	71.143	13.685	0.30	51.52
2.03	0.22	52.04	73.23	14.15	82.493	71.325	13.783	0.31	52.04
2.04	0.22	52.56	73.45	14.27	81.996	71.505	13.881	0.32	52.56
2.05	0.22	53.08	73.67	14.38	81.499	71.684	13.979	0.33	53.08
2.06	0.22	54.00	73.89	14.50	81.004	71.863	14.078	0.34	54.00
2.07	0.22	54.92	74.11	14.62	80.510	72.040	14.179	0.35	54.92
2.08	0.22	55.84	74.33	14.74	80.016	72.216	14.280	0.36	55.84
2.09	0.22	56.75	74.55	14.87	79.521	72.391	14.383	0.36	56.75
2.10	0.22	57.65	74.77	14.99	79.027	72.565	14.486	0.37	57.65
2.11	0.22	58.46	74.99	15.12	78.531	72.737	14.591	0.38	58.46
2.12	0.22	59.25	75.21	15.25	78.034	72.909	14.696	0.39	59.25
2.13	0.21	60.05	75.42	15.37	77.535	73.072	14.797	0.38	60.05
2.14	0.21	60.84	75.63	15.50	77.034	73.234	14.899	0.39	60.84
2.15	0.21	61.63	75.84	15.63	76.530	73.394	15.001	0.40	61.63
2.16	0.21	62.02	76.05	15.76	76.024	73.554	15.103	0.41	62.02
2.17	0.20	62.41	76.25	15.88	75.514	73.705	15.200	0.40	62.41
2.18	0.20	62.80	76.45	16.00	75.000	73.855	15.297	0.40	62.80
2.19	0.21	63.18	76.66	16.13	74.476	74.011	15.398	0.43	63.18
2.20	0.21	63.57	76.87	16.26	73.937	74.167	15.499	0.44	63.57
2.21	0.19	63.73	77.06	16.38	73.382	74.306	15.589	0.41	63.73
2.22	0.17	63.88	77.23	16.48	72.815	74.430	15.670	0.37	63.88
2.23	0.15	64.04	77.38	16.57	72.235	74.538	15.740	0.34	64.04
2.24	0.14	64.20	77.52	16.66	71.643	74.638	15.805	0.32	64.20
2.25	0.13	64.35	77.65	16.74	71.041	74.731	15.865	0.30	64.35
2.26	0.13	65.48	77.78	16.82	70.429	74.822	15.926	0.31	65.48
2.27	0.14	66.61	77.92	16.91	69.808	74.920	15.992	0.34	66.61
2.28	0.15	67.74	78.07	17.01	69.180	75.024	16.063	0.37	67.74
2.29	0.17	68.85	78.24	17.12	68.545	75.140	16.145	0.43	68.85
2.30	0.19	69.97	78.43	17.25	67.905	75.269	16.238	0.49	69.97
2.31	0.76	70.80	79.19	17.76	67.260	75.781	16.606	2.01	70.80
2.32	0.76	71.62	79.95	18.27	66.611	76.287	16.971	2.09	71.62
2.33	0.76	72.45	80.71	18.78	65.960	76.788	17.333	2.09	72.45
2.34	0.75	73.27	81.46	19.29	65.307	77.278	17.687	2.10	73.27

2.35	0.75	74.08	82.21	19.79	64.653	77.763	18.039	2.14	74.08
2.36	0.75	74.90	82.96	20.28	64.000	78.243	18.388	2.18	74.90
2.37	0.74	75.71	83.70	20.77	63.332	78.712	18.729	2.19	75.71
2.38	0.74	76.51	84.44	21.26	62.638	79.175	19.068	2.24	76.51
2.39	0.74	77.31	85.18	21.75	61.920	79.633	19.403	2.28	77.31
2.40	0.73	78.11	85.91	22.23	61.183	80.080	19.730	2.29	78.11
2.41	0.73	78.91	86.64	22.71	60.431	80.521	20.054	2.34	78.91
2.42	0.73	79.70	87.37	23.18	59.667	80.957	20.375	2.38	79.70
2.43	0.72	80.49	88.09	23.65	58.895	81.381	20.689	2.39	80.49
2.44	0.72	81.28	88.81	24.12	58.119	81.799	20.999	2.44	81.28
2.45	0.72	82.06	89.53	24.58	57.344	82.212	21.305	2.48	82.06
2.46	0.72	83.01	90.25	25.05	56.572	82.619	21.609	2.53	83.01
2.47	0.71	83.97	90.96	25.51	55.808	83.016	21.907	2.54	83.97
2.48	0.71	84.91	91.67	25.97	55.056	83.406	22.202	2.58	84.91
2.49	0.71	85.86	92.38	26.43	54.319	83.792	22.495	2.62	85.86
2.50	0.70	86.80	93.08	26.88	53.601	84.167	22.782	2.63	86.80
2.51	0.70	87.73	93.78	27.34	52.906	84.538	23.067	2.67	87.73
2.52	0.70	88.67	94.48	27.79	52.239	84.903	23.349	2.70	88.67
2.53	0.70	89.60	95.18	28.25	51.602	85.265	23.630	2.74	89.60
2.54	0.69	90.52	95.87	28.70	51.000	85.616	23.905	2.73	90.52
2.55	0.69	91.44	96.56	29.14	50.425	85.964	24.178	2.77	91.44
2.56	0.69	92.36	97.25	29.59	49.864	86.308	24.450	2.80	92.36
2.57	0.69	93.28	97.94	30.04	49.317	86.649	24.720	2.83	93.28
2.58	0.68	94.19	98.62	30.48	48.779	86.980	24.985	2.82	94.19
2.59	0.68	95.10	99.30	30.93	48.249	87.308	25.249	2.85	95.10
2.60	0.68	96.00	99.98	31.37	47.726	87.633	25.511	2.87	96.00

HEAD ASH %	31.37	CLEAN COAL ASH %	25.51	REFUSE ASH %	72.88
THEO. YIELD	90.96	CLEAN COAL YIELD%	87.63	REFUSE YIELD%	12.37
SG OF SEPARATION	2.470	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	14.240	IMPERFECTION	0.382		
ORGANIC EFFCY.	96.34				

GCRI. - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 20 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 9.54 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.50	1.24	0.50	1.24	99.521	0.498	1.240	0.02	1.24
1.25	0.58	2.47	1.08	1.90	99.485	1.075	1.900	0.02	2.47
1.26	0.66	3.68	1.74	2.58	99.448	1.731	2.575	0.02	3.68
1.27	0.74	4.88	2.48	3.26	99.410	2.467	3.263	0.03	4.88
1.28	0.81	6.08	3.29	3.96	99.372	3.272	3.956	0.03	6.08
1.29	0.89	7.26	4.18	4.66	99.333	4.156	4.659	0.04	7.26
1.30	0.96	8.44	5.14	5.37	99.294	5.109	5.364	0.05	8.44
1.31	1.04	9.61	6.18	6.08	99.253	6.141	6.078	0.05	9.61
1.32	1.11	10.20	7.29	6.71	99.212	7.242	6.705	0.06	10.20
1.33	1.18	10.24	8.47	7.20	99.171	8.413	7.186	0.07	10.24
1.34	1.26	10.27	9.73	7.60	99.129	9.662	7.594	0.07	10.27
1.35	1.33	10.31	11.06	7.92	99.087	10.979	7.920	0.08	10.31
1.36	1.40	10.34	12.46	8.19	99.044	12.366	8.191	0.09	10.34
1.37	1.47	10.38	13.93	8.43	99.000	13.821	8.422	0.10	10.38
1.38	1.54	10.41	15.47	8.62	98.956	15.345	8.619	0.11	10.41
1.39	1.61	10.45	17.08	8.80	98.911	16.938	8.791	0.12	10.45
1.40	1.67	10.48	18.75	8.95	98.864	18.589	8.941	0.13	10.48
1.41	2.42	10.48	21.17	9.12	98.816	20.980	9.117	0.19	10.48
1.42	2.90	10.48	24.07	9.28	98.766	23.844	9.280	0.24	10.48
1.43	3.25	10.48	27.32	9.43	98.715	27.053	9.423	0.28	10.48
1.44	3.46	10.48	30.78	9.55	98.661	30.466	9.541	0.31	10.48
1.45	3.54	10.48	34.32	9.64	98.605	33.957	9.638	0.33	10.48
1.46	2.02	11.41	36.34	9.74	98.546	35.947	9.736	0.20	11.41
1.47	1.91	12.32	38.25	9.87	98.484	37.828	9.864	0.20	12.32
1.48	1.72	13.23	39.97	10.01	98.419	39.521	10.008	0.18	13.23
1.49	1.46	14.14	41.43	10.16	98.351	40.957	10.153	0.16	14.14
1.50	1.12	15.04	42.55	10.29	98.279	42.058	10.281	0.13	15.04
1.51	1.24	15.80	43.79	10.44	98.203	43.276	10.437	0.15	15.80
1.52	1.18	16.56	44.97	10.60	98.124	44.494	10.596	0.15	16.56
1.53	1.12	17.31	46.09	10.77	98.040	45.532	10.758	0.15	17.31
1.54	1.06	18.06	47.15	10.93	97.951	46.570	10.921	0.15	18.06
1.55	0.99	18.80	48.14	11.09	97.858	47.539	11.081	0.14	18.80
1.56	0.93	19.54	49.07	11.25	97.760	48.448	11.240	0.14	19.54
1.57	0.86	20.28	49.93	11.41	97.656	49.288	11.394	0.14	20.28
1.58	0.80	21.01	50.73	11.56	97.548	50.068	11.544	0.13	21.01
1.59	0.73	21.74	51.46	11.70	97.433	50.779	11.687	0.13	21.74
1.60	0.66	22.46	52.12	11.84	97.313	51.422	11.821	0.12	22.46
1.61	0.62	23.03	52.74	11.97	97.186	52.024	11.951	0.12	23.03
1.62	0.62	23.60	53.36	12.11	97.053	52.626	12.084	0.12	23.60
1.63	0.62	24.16	53.98	12.25	96.914	53.227	12.221	0.13	24.16
1.64	0.62	24.72	54.60	12.39	96.768	53.827	12.360	0.14	24.72
1.65	0.61	25.28	55.21	12.53	96.614	54.416	12.500	0.14	25.28
1.66	0.60	26.38	55.81	12.68	96.453	54.995	12.646	0.14	26.38
1.67	0.59	27.47	56.40	12.83	96.285	55.563	12.798	0.15	27.47
1.68	0.57	28.55	56.97	12.99	96.109	56.111	12.951	0.15	28.55
1.69	0.56	29.63	57.53	13.15	95.804	56.647	13.109	0.16	29.63
1.70	0.54	30.70	58.07	13.32	95.587	57.163	13.268	0.16	30.70
1.71	0.54	31.70	58.61	13.48	95.353	57.678	13.433	0.17	31.70
1.72	0.55	32.68	59.16	13.66	95.104	58.201	13.606	0.18	32.68

1.73	0.55	33.67	59.71	13.85	94.843	58.723	13.784	0.19	33.67
1.74	0.55	34.64	60.26	14.04	94.575	59.243	13.967	0.20	34.64
1.75	0.53	35.62	60.79	14.23	94.301	59.743	14.148	0.20	35.62
1.76	0.50	36.55	61.29	14.41	94.025	60.213	14.323	0.20	36.55
1.77	0.46	37.48	61.75	14.58	93.750	60.644	14.488	0.19	37.48
1.78	0.42	38.40	62.17	14.74	93.486	61.037	14.642	0.18	38.40
1.79	0.36	39.32	62.53	14.88	93.233	61.373	14.777	0.16	39.32
1.80	0.29	40.23	62.82	15.00	92.983	61.642	14.888	0.14	40.23
1.81	0.24	41.31	63.06	15.10	92.725	61.865	14.983	0.12	41.31
1.82	0.22	42.39	63.28	15.19	92.451	62.068	15.073	0.11	42.39
1.83	0.20	43.45	63.48	15.28	92.151	62.252	15.157	0.11	43.45
1.84	0.19	44.52	63.67	15.37	91.815	62.427	15.239	0.10	44.52
1.85	0.18	45.57	63.85	15.46	91.435	62.591	15.319	0.10	45.57
1.86	0.17	45.92	64.02	15.54	91.000	62.746	15.394	0.10	45.92
1.87	0.16	46.27	64.18	15.61	90.526	62.891	15.465	0.10	46.27
1.88	0.15	46.61	64.33	15.69	90.037	63.026	15.532	0.10	46.61
1.89	0.15	46.96	64.48	15.76	89.535	63.160	15.599	0.11	46.96
1.90	0.15	47.30	64.63	15.83	89.021	63.294	15.666	0.11	47.30
1.91	0.14	47.43	64.77	15.90	88.499	63.418	15.728	0.11	47.43
1.92	0.14	47.55	64.91	15.97	87.969	63.541	15.789	0.11	47.55
1.93	0.13	47.68	65.04	16.03	87.436	63.655	15.846	0.11	47.68
1.94	0.13	47.81	65.17	16.09	86.899	63.768	15.903	0.11	47.81
1.95	0.13	47.93	65.30	16.16	86.362	63.880	15.959	0.12	47.93
1.96	0.13	48.87	65.43	16.22	85.827	63.991	16.017	0.12	48.87
1.97	0.14	49.80	65.57	16.29	85.296	64.111	16.080	0.14	49.80
1.98	0.15	50.73	65.72	16.37	84.771	64.238	16.148	0.15	50.73
1.99	0.15	51.66	65.87	16.45	84.255	64.364	16.218	0.16	51.66
2.00	0.17	52.58	66.04	16.55	83.748	64.507	16.298	0.19	52.58
2.01	0.18	53.03	66.22	16.65	83.495	64.657	16.383	0.20	53.03
2.02	0.18	53.47	66.40	16.75	82.993	64.806	16.469	0.21	53.47
2.03	0.19	53.92	66.59	16.85	82.493	64.963	16.559	0.22	53.92
2.04	0.20	54.36	66.79	16.96	81.996	65.127	16.655	0.24	54.36
2.05	0.20	54.80	66.99	17.08	81.499	65.290	16.750	0.25	54.80
2.06	0.21	55.83	67.20	17.20	81.004	65.460	16.851	0.27	55.83
2.07	0.21	56.86	67.41	17.32	80.510	65.629	16.954	0.28	56.86
2.08	0.22	57.89	67.63	17.45	80.016	65.805	17.064	0.30	57.89
2.09	0.22	58.91	67.85	17.59	79.521	65.980	17.175	0.30	58.91
2.10	0.22	59.92	68.07	17.72	79.027	66.154	17.287	0.31	59.92
2.11	0.23	60.72	68.30	17.87	78.531	66.335	17.405	0.33	60.72
2.12	0.23	61.52	68.53	18.02	78.034	66.514	17.525	0.34	61.52
2.13	0.24	62.31	68.77	18.17	77.535	66.700	17.649	0.36	62.31
2.14	0.24	63.09	69.01	18.33	77.034	66.885	17.775	0.37	63.09
2.15	0.24	63.88	69.25	18.48	76.530	67.069	17.901	0.38	63.88
2.16	0.24	64.30	69.49	18.64	76.024	67.251	18.027	0.39	64.30
2.17	0.24	64.71	69.73	18.80	75.514	67.433	18.153	0.40	64.71
2.18	0.24	65.13	69.97	18.96	75.000	67.613	18.278	0.40	65.13
2.19	0.24	65.54	70.21	19.12	74.476	67.791	18.402	0.41	65.54
2.20	0.24	65.95	70.45	19.28	73.937	67.969	18.527	0.42	65.95
2.21	0.22	66.13	70.67	19.42	73.382	68.130	18.639	0.39	66.13
2.22	0.20	66.30	70.87	19.56	72.815	68.276	18.741	0.37	66.30
2.23	0.19	66.47	71.06	19.68	72.235	68.413	18.837	0.36	66.47
2.24	0.18	66.64	71.24	19.80	71.643	68.543	18.927	0.34	66.64
2.25	0.17	66.81	71.41	19.91	71.041	68.663	19.011	0.33	66.81
2.26	0.17	67.81	71.58	20.03	70.429	68.783	19.096	0.34	67.81
2.27	0.18	68.80	71.76	20.15	69.808	68.908	19.186	0.37	68.80
2.28	0.19	69.78	71.95	20.28	69.180	69.040	19.283	0.39	69.78
2.29	0.20	70.76	72.15	20.42	68.545	69.177	19.385	0.42	70.76
2.30	0.22	71.73	72.37	20.58	67.905	69.326	19.498	0.48	71.73
2.31	0.98	72.47	73.35	21.27	67.260	69.986	19.997	2.16	72.47
2.32	0.97	73.21	74.32	21.95	66.611	70.631	20.483	2.18	73.21
2.33	0.97	73.94	75.29	22.62	65.960	71.271	20.963	2.23	73.94
2.34	0.96	74.67	76.25	23.27	65.307	71.898	21.432	2.25	74.67

2.35	.96	75.40	77.21	23.92	64.653	72.519	21.894	.29	75.40
2.36	0.96	76.13	78.17	24.56	64.000	73.133	22.349	2.33	76.13
2.37	0.95	76.85	79.12	25.19	63.332	73.735	22.794	2.35	76.85
2.38	0.95	77.56	80.07	25.81	62.638	74.330	23.232	2.39	77.56
2.39	0.94	78.28	81.01	26.42	61.920	74.912	23.660	2.41	78.28
2.40	0.94	78.99	81.95	27.02	61.183	75.487	24.082	2.46	78.99
2.41	0.94	79.70	82.89	27.62	60.431	76.055	24.497	2.51	79.70
2.42	0.93	80.41	83.82	28.21	59.667	76.610	24.902	2.53	80.41
2.43	0.93	81.11	84.75	28.79	58.895	77.158	25.301	2.58	81.11
2.44	0.93	81.81	85.68	29.36	58.119	77.698	25.694	2.63	81.81
2.45	0.92	82.51	86.60	29.93	57.344	78.226	26.077	2.65	82.51
2.46	0.92	83.43	87.52	30.49	56.572	78.746	26.456	2.69	83.43
2.47	0.91	84.35	88.43	31.04	55.808	79.254	26.827	2.71	84.35
2.48	0.91	85.27	89.34	31.60	55.056	79.755	27.195	2.76	85.27
2.49	0.91	86.19	90.25	32.15	54.319	80.249	27.558	2.80	86.19
2.50	0.90	87.10	91.15	32.69	53.601	80.732	27.914	2.82	87.10
2.51	0.90	88.00	92.05	33.23	52.906	81.208	28.266	2.86	88.00
2.52	0.90	88.90	92.95	33.77	52.239	81.678	28.615	2.90	88.90
2.53	0.89	89.80	93.84	34.30	51.602	82.137	28.957	2.90	89.80
2.54	0.89	90.70	94.73	34.83	51.000	82.591	29.297	2.94	90.70
2.55	0.89	91.59	95.62	35.36	50.425	83.040	29.633	2.98	91.59
2.56	0.88	92.48	96.50	35.88	49.864	83.479	29.964	2.98	92.48
2.57	0.88	93.36	97.38	36.40	49.317	83.913	30.291	3.01	93.36
2.58	0.87	94.25	98.25	36.91	48.779	84.337	30.613	3.01	94.25
2.59	0.87	95.13	99.12	37.42	48.249	84.757	30.933	3.04	95.13
2.60	0.87	96.00	99.99	37.93	47.726	85.172	31.250	3.07	96.00

		CLEAN COAL ASH %	31.25	REFUSE ASH %	76.31
HEAD ASH %	37.93	CLEAN COAL YIELD%	85.17	REFUSE YIELD%	14.83
THEO. YIELD	88.77	ECART PROB. MOYEN	0.4503		
SG OF SEPARATION	2.474	IMPERFECTION	0.382		
NEAR GRAVITY MAT	18.230				
ORGANIC EFFCY.	95.95				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 21 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.65 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	2.76	0.16	2.76	0.16	99.521	2.747	0.160	0.10	0.16
1.25	2.71	0.31	5.47	0.23	99.485	5.443	0.234	0.11	0.31
1.26	2.66	0.47	8.13	0.31	99.448	8.088	0.311	0.11	0.47
1.27	2.60	0.61	10.73	0.38	99.410	10.673	0.384	0.12	0.61
1.28	2.55	0.76	13.28	0.46	99.372	13.207	0.456	0.12	0.76
1.29	2.49	0.91	15.77	0.53	99.333	15.680	0.528	0.13	0.91
1.30	2.42	1.06	18.19	0.60	99.294	18.083	0.598	0.13	1.06
1.31	2.36	1.20	20.55	0.67	99.253	20.425	0.667	0.14	1.20
1.32	2.29	1.55	22.84	0.76	99.212	22.697	0.756	0.14	1.55
1.33	2.22	2.10	25.06	0.88	99.171	24.899	0.875	0.14	2.10
1.34	2.14	2.65	27.20	1.01	99.129	27.020	1.014	0.14	2.65
1.35	2.06	3.20	29.26	1.17	99.087	29.062	1.167	0.15	3.20
1.36	1.98	3.74	31.24	1.33	99.044	31.023	1.330	0.15	3.74
1.37	1.90	4.27	33.14	1.50	99.000	32.904	1.498	0.15	4.27
1.38	1.81	4.80	34.95	1.67	98.956	34.695	1.669	0.15	4.80
1.39	1.72	5.33	36.67	1.84	98.911	36.396	1.840	0.14	5.33
1.40	1.63	5.86	38.30	2.01	98.864	38.007	2.010	0.14	5.86
1.41	1.56	6.45	39.86	2.19	98.816	39.549	2.183	0.14	6.45
1.42	1.51	7.09	41.37	2.37	98.766	41.040	2.362	0.14	7.09
1.43	1.45	7.77	42.82	2.55	98.715	42.472	2.544	0.14	7.77
1.44	1.38	8.51	44.20	2.74	98.661	43.833	2.729	0.14	8.51
1.45	1.30	9.31	45.50	2.92	98.605	45.115	2.916	0.14	9.31
1.46	1.20	10.14	46.70	3.11	98.546	46.298	3.101	0.19	10.14
1.47	1.09	10.98	47.79	3.29	98.484	47.371	3.279	0.13	10.98
1.48	0.97	11.83	48.76	3.46	98.419	48.326	3.448	0.12	11.83
1.49	0.84	12.68	49.60	3.61	98.351	49.152	3.603	0.11	12.68
1.50	0.70	13.54	50.30	3.75	98.279	49.840	3.740	0.09	13.54
1.51	0.62	14.26	50.92	3.88	98.203	50.449	3.867	0.09	14.26
1.52	0.62	14.98	51.54	4.01	98.124	51.057	4.000	0.09	14.98
1.53	0.62	15.69	52.16	4.15	98.040	51.665	4.137	0.09	15.69
1.54	0.62	16.40	52.78	4.30	97.951	52.272	4.280	0.10	16.40
1.55	0.61	17.11	53.39	4.44	97.858	52.869	4.425	0.10	17.11
1.56	0.61	18.08	54.00	4.60	97.760	53.466	4.577	0.11	18.08
1.57	0.60	19.05	54.60	4.76	97.656	54.051	4.734	0.11	19.05
1.58	0.60	20.01	55.20	4.92	97.548	54.637	4.898	0.11	20.01
1.59	0.60	20.96	55.80	5.09	97.433	55.221	5.068	0.12	20.96
1.60	0.59	21.91	56.39	5.27	97.313	55.796	5.241	0.12	21.91
1.61	0.59	22.33	56.98	5.45	97.186	56.369	5.415	0.13	22.33
1.62	0.59	22.74	57.57	5.62	97.053	56.942	5.589	0.13	22.74
1.63	0.59	23.16	58.16	5.80	96.914	57.513	6.764	0.14	23.16
1.64	0.59	23.57	58.75	5.98	96.768	58.084	5.939	0.15	23.57
1.65	0.59	23.98	59.34	6.16	96.614	58.654	6.114	0.15	23.98
1.66	0.59	25.70	59.93	6.35	96.453	59.223	6.302	0.16	25.70
1.67	0.58	27.41	60.51	6.55	96.285	59.782	6.499	0.17	27.41
1.68	0.57	29.11	61.08	6.76	96.109	60.330	6.705	0.17	29.11
1.69	0.57	30.80	61.65	6.99	95.804	60.876	6.921	0.18	30.80
1.70	0.56	32.48	62.21	7.22	95.587	61.411	7.144	0.19	32.48
1.71	0.53	33.97	62.74	7.44	95.353	61.916	7.363	.19	33.97
1.72	0.50	35.46	63.24	7.66	95.104	62.392	7.577	.19	35.46

1.73	0.46	36.94	63.70	7.87	94.843	62.828	7.781	0.18	36.94
1.74	0.43	38.41	64.13	8.08	94.575	63.235	7.978	0.18	38.41
1.75	0.40	39.87	64.53	8.28	94.301	63.612	8.167	0.18	39.87
1.76	0.37	40.24	64.90	8.46	94.025	63.960	8.341	0.17	40.24
1.77	0.35	40.61	65.25	8.63	93.750	64.288	8.506	0.17	40.61
1.78	0.32	40.98	65.57	8.79	93.486	64.587	8.656	0.16	40.98
1.79	0.30	41.35	65.87	8.94	93.233	64.867	8.797	0.16	41.35
1.80	0.28	41.72	66.15	9.08	92.983	65.127	8.929	0.15	41.72
1.81	0.26	42.24	66.41	9.21	92.725	65.368	9.052	0.15	42.24
1.82	0.26	42.76	66.67	9.34	92.451	65.609	9.175	0.15	42.76
1.83	0.26	43.27	66.93	9.47	92.161	65.848	9.289	0.16	43.27
1.84	0.26	43.79	67.19	9.60	91.815	66.087	9.424	0.16	43.79
1.85	0.26	44.30	67.45	9.73	91.435	66.325	9.549	0.17	44.30
1.86	0.26	45.10	67.71	9.87	91.000	66.561	9.675	0.18	45.10
1.87	0.26	45.89	67.97	10.01	90.526	66.797	9.803	0.19	45.89
1.88	0.26	46.68	68.23	10.15	90.037	67.031	9.932	0.20	46.68
1.89	0.26	47.47	68.49	10.29	89.535	67.264	10.062	0.21	47.47
1.90	0.26	48.25	68.75	10.43	89.021	67.495	10.193	0.22	48.25
1.91	0.27	48.98	69.02	10.58	88.499	67.734	10.329	0.24	48.98
1.92	0.27	49.69	69.29	10.74	87.969	67.972	10.467	0.25	49.69
1.93	0.28	50.41	69.57	10.90	87.436	68.216	10.610	0.27	50.41
1.94	0.28	51.12	69.85	11.06	86.899	68.460	10.754	0.28	51.12
1.95	0.28	51.83	70.13	11.22	86.362	68.701	10.899	0.29	51.83
1.96	0.28	52.11	70.41	11.38	85.827	68.942	11.043	0.31	52.11
1.97	0.27	52.39	70.68	11.54	85.296	69.172	11.180	0.31	52.39
1.98	0.27	52.67	70.95	11.70	84.771	69.401	11.317	0.32	52.67
1.99	0.26	52.95	71.21	11.85	84.255	69.620	11.448	0.32	52.95
2.00	0.25	53.23	71.46	11.99	83.748	69.829	11.573	0.31	53.23
2.01	0.23	53.34	71.69	12.12	83.495	70.021	11.688	0.29	53.34
2.02	0.20	53.46	71.89	12.24	82.993	70.187	11.787	0.26	53.46
2.03	0.18	53.57	72.07	12.34	82.493	70.336	11.875	0.24	53.57
2.04	0.17	53.68	72.24	12.44	81.996	70.475	11.958	0.24	53.68
2.05	0.15	53.79	72.39	12.53	81.499	70.598	12.030	0.21	53.79
2.06	0.15	54.41	72.54	12.61	81.004	70.719	12.103	0.22	54.41
2.07	0.14	55.02	72.68	12.69	80.510	70.832	12.171	0.21	55.02
2.08	0.14	55.63	72.82	12.78	80.016	70.944	12.240	0.22	55.63
2.09	0.15	56.24	72.97	12.87	79.521	71.063	12.314	0.24	56.24
2.10	0.16	56.84	73.13	12.96	79.027	71.190	12.393	0.26	56.84
2.11	0.16	57.30	73.29	13.06	78.531	71.315	12.472	0.27	57.30
2.12	0.15	57.75	73.44	13.15	78.034	71.432	12.546	0.26	57.75
2.13	0.15	58.19	73.59	13.24	77.535	71.549	12.620	0.26	58.19
2.14	0.14	58.64	73.73	13.33	77.034	71.656	12.689	0.25	58.64
2.15	0.14	59.08	73.87	13.41	76.530	71.764	12.759	0.25	59.08
2.16	0.13	59.53	74.00	13.50	76.024	71.862	12.823	0.24	59.53
2.17	0.13	59.97	74.13	13.58	75.514	71.961	12.887	0.25	59.97
2.18	0.13	60.40	74.26	13.66	75.000	72.058	12.952	0.25	60.40
2.19	0.13	60.84	74.39	13.74	74.476	72.155	13.016	0.26	60.84
2.20	0.13	61.27	74.52	13.82	73.937	72.251	13.080	0.26	61.27
2.21	0.13	62.22	74.65	13.91	73.382	72.346	13.145	0.27	62.22
2.22	0.13	63.17	74.78	13.99	72.815	72.441	13.210	0.27	63.17
2.23	0.13	64.11	74.91	14.08	72.235	72.535	13.276	0.28	64.11
2.24	0.13	65.04	75.04	14.17	71.643	72.628	13.343	0.28	65.04
2.25	0.14	65.97	75.18	14.27	71.041	72.728	13.415	0.31	65.97
2.26	0.14	66.90	75.32	14.36	70.429	72.826	13.487	0.32	66.90
2.27	0.14	67.82	75.46	14.46	69.808	72.924	13.560	0.33	67.82
2.28	0.15	68.74	75.61	14.57	69.180	73.028	13.638	0.36	68.74
2.29	0.16	69.66	75.77	14.69	68.545	73.137	13.722	0.39	69.66
2.30	0.16	70.57	75.93	14.80	67.905	73.246	13.806	0.40	70.57
2.31	0.85	71.35	76.78	15.43	67.260	73.818	14.252	2.15	71.35
2.32	0.85	72.13	77.63	16.05	66.611	74.384	14.693	2.19	72.13
2.33	0.84	72.91	78.47	16.66	65.960	74.938	15.123	2.21	72.91
2.34	0.84	73.69	79.31	17.26	65.307	75.486	15.549	2.25	73.69

2.35	0.84	74.46	80.15	17.86	64.653	76.030	15.970	2.29	74.46
2.36	0.83	75.23	80.98	18.45	64.000	76.561	16.381	2.31	75.23
2.37	0.83	76.00	81.81	19.04	63.332	77.086	16.787	2.35	76.00
2.38	0.83	76.76	82.64	19.62	62.638	77.606	17.189	2.39	76.76
2.39	0.82	77.52	83.46	20.18	61.920	78.114	17.581	2.41	77.52
2.40	0.82	78.28	84.28	20.75	61.183	78.616	17.969	2.46	78.28
2.41	0.82	79.03	85.10	21.31	60.431	79.111	18.351	2.51	79.03
2.42	0.81	79.78	85.91	21.86	59.667	79.595	18.724	2.52	79.78
2.43	0.81	80.53	86.72	22.41	58.895	80.072	19.092	2.57	80.53
2.44	0.81	81.27	87.53	22.95	58.119	80.542	19.456	2.62	81.27
2.45	0.80	82.01	88.33	23.49	57.344	81.001	19.810	2.64	82.01
2.46	0.80	82.97	89.13	24.02	56.572	81.454	20.161	2.68	82.97
2.47	0.80	83.92	89.93	24.56	55.808	81.900	20.509	2.73	83.92
2.48	0.79	84.88	90.72	25.08	55.056	82.335	20.849	2.74	84.88
2.49	0.79	85.82	91.51	25.61	54.319	82.764	21.186	2.79	85.82
2.50	0.79	86.77	92.30	26.13	53.601	83.188	21.519	2.83	86.77
2.51	0.78	87.71	93.08	26.65	52.906	83.600	21.846	2.84	87.71
2.52	0.78	88.64	93.86	27.16	52.239	84.008	22.170	2.88	88.64
2.53	0.78	89.57	94.64	27.68	51.602	84.410	22.492	2.92	89.57
2.54	0.77	90.50	95.41	28.18	51.000	84.803	22.806	2.91	90.50
2.55	0.77	91.43	96.18	28.69	50.425	85.191	23.119	2.95	91.43
2.56	0.77	92.35	96.95	29.19	49.864	85.575	23.430	2.98	92.35
2.57	0.76	93.27	97.71	29.69	49.317	85.950	23.734	2.97	93.27
2.58	0.76	94.18	98.47	30.19	48.779	86.321	24.037	3.01	94.18
2.59	0.76	95.09	99.23	30.69	48.249	86.687	24.338	3.04	95.09
2.60	0.76	96.00	99.99	31.18	47.726	87.050	24.636	3.07	96.00

HEAD ASH %	31.18	CLEAN COAL ASH %	24.64	REFUSE ASH %	75.20
THEO. YIELD	90.05	CLEAN COAL YIELD%	87.05	REFUSE YIELD%	12.95
SG OF SEPARATION	2.472	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	15.889	IMPERFECTION	0.382		
ORGANIC EFFCY.	96.67				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 22 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.86 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.19	0.01	0.19	0.01	99.521	0.189	0.010	0.01	0.01
1.25	0.27	0.01	0.46	0.01	99.485	0.458	0.010	0.01	0.01
1.26	0.36	0.01	0.82	0.01	99.448	0.816	0.010	0.02	0.01
1.27	0.44	0.01	1.26	0.01	99.410	1.253	0.010	0.02	0.01
1.28	0.53	0.01	1.79	0.01	99.372	1.780	0.010	0.03	0.01
1.29	0.63	0.01	2.42	0.01	99.333	2.406	0.010	0.04	0.01
1.30	0.72	0.01	3.14	0.01	99.294	3.120	0.010	0.04	0.01
1.31	0.82	0.01	3.96	0.01	99.253	3.934	0.010	0.05	0.01
1.32	0.77	0.34	4.73	0.06	99.212	4.698	0.064	0.05	0.34
1.33	0.86	0.99	5.59	0.21	99.171	5.551	0.206	0.06	0.99
1.34	0.95	1.64	6.54	0.41	99.129	6.493	0.414	0.07	1.64
1.35	1.04	2.28	7.58	0.67	99.087	7.523	0.670	0.08	2.28
1.36	1.14	2.92	8.72	0.96	99.044	8.653	0.963	0.09	2.92
1.37	1.23	3.56	9.95	1.29	99.000	9.870	1.284	0.10	3.56
1.38	1.33	4.19	11.28	1.63	98.956	11.186	1.626	0.12	4.19
1.39	1.43	4.81	12.71	1.99	98.911	12.601	1.983	0.13	4.81
1.40	1.53	5.43	14.24	2.36	98.864	14.113	2.352	0.15	5.43
1.41	1.86	5.70	16.10	2.74	98.816	15.951	2.738	0.19	5.70
1.42	2.19	5.98	18.29	3.13	98.766	18.114	3.125	0.23	5.98
1.43	2.44	6.25	20.73	3.50	98.715	20.523	3.492	0.27	6.25
1.44	2.59	6.51	23.32	3.83	98.661	23.078	3.826	0.29	6.51
1.45	2.65	6.78	25.97	4.13	98.605	25.691	4.127	0.31	6.78
1.46	2.61	7.92	28.58	4.48	98.546	28.263	4.472	0.32	7.92
1.47	2.49	9.05	31.07	4.84	98.484	30.716	4.837	0.32	9.05
1.48	2.27	10.17	33.34	5.21	98.419	32.950	5.199	0.30	10.17
1.49	1.96	11.29	35.30	5.55	98.351	34.877	5.536	0.27	11.29
1.50	1.55	12.40	36.85	5.83	98.279	36.401	5.823	0.23	12.40
1.51	1.31	13.44	38.16	6.09	98.203	37.687	6.083	0.20	13.44
1.52	1.30	14.48	39.46	6.37	98.124	38.963	6.358	0.21	14.48
1.53	1.28	15.51	40.74	6.66	98.040	40.218	6.643	0.21	15.51
1.54	1.26	16.53	42.00	6.95	97.951	41.452	6.938	0.22	16.53
1.55	1.24	17.55	43.24	7.26	97.858	42.665	7.240	0.23	17.55
1.56	1.21	18.14	44.45	7.55	97.760	43.848	7.534	0.23	18.14
1.57	1.19	18.73	45.64	7.85	97.656	45.010	7.823	0.24	18.73
1.58	1.16	19.32	46.80	8.13	97.548	46.142	8.105	0.24	19.32
1.59	1.13	19.90	47.93	8.41	97.433	47.243	8.380	0.25	19.90
1.60	1.10	20.48	49.03	8.68	97.313	48.313	8.648	0.25	20.48
1.61	1.08	20.70	50.11	8.94	97.186	49.363	8.904	0.26	20.70
1.62	1.08	20.91	51.19	9.19	97.053	50.411	9.154	0.27	20.91
1.63	1.08	21.12	52.27	9.44	96.914	51.458	9.397	0.28	21.12
1.64	1.07	21.33	53.34	9.68	96.768	52.493	9.632	0.29	21.33
1.65	1.07	21.54	54.41	9.91	96.614	53.527	9.862	0.31	21.54
1.66	1.06	23.25	55.47	10.16	96.453	54.549	10.113	0.32	23.25
1.67	1.05	24.96	56.52	10.44	96.285	55.560	10.383	0.33	24.96
1.68	1.04	26.65	57.56	10.73	96.109	56.560	10.671	0.34	26.65
1.69	1.03	28.33	58.59	11.04	95.804	57.547	10.974	0.37	28.33
1.70	1.02	30.00	59.61	11.37	95.587	58.522	11.291	0.38	30.00
1.71	1.03	31.47	60.64	11.71	95.353	59.504	11.624	0.41	31.47
1.72	1.04	32.92	61.68	12.06	95.104	60.493	11.972	0.43	32.92

1.73	1.04	34.37	62.72	12.43	94.843	61.479	12.331	0.45	34.37
1.74	1.02	35.81	63.74	12.81	94.575	62.444	12.694	0.47	35.81
1.75	0.97	37.24	64.71	13.17	94.301	63.359	13.048	0.47	37.24
1.76	0.91	37.79	65.62	13.52	94.025	64.214	13.378	0.46	37.79
1.77	0.82	38.34	66.44	13.82	93.750	64.983	13.673	0.43	38.34
1.78	0.72	38.89	67.16	14.09	93.486	65.656	13.932	0.40	38.89
1.79	0.59	39.43	67.75	14.31	93.233	66.206	14.144	0.34	39.43
1.80	0.45	39.97	68.20	14.48	92.983	66.625	14.306	0.27	39.97
1.81	0.37	40.56	68.57	14.62	92.725	66.968	14.440	0.23	40.56
1.82	0.36	41.15	68.93	14.76	92.451	67.301	14.573	0.23	41.15
1.83	0.36	41.74	69.29	14.90	92.161	67.632	14.706	0.24	41.74
1.84	0.35	42.32	69.64	15.04	91.815	67.954	14.836	0.24	42.32
1.85	0.35	42.90	69.99	15.18	91.435	68.274	14.968	0.25	42.90
1.86	0.35	43.55	70.34	15.32	91.000	68.592	15.101	0.27	43.55
1.87	0.35	44.20	70.69	15.46	90.526	68.909	15.234	0.28	44.20
1.88	0.35	44.85	71.04	15.61	90.037	69.224	15.369	0.30	44.85
1.89	0.35	45.49	71.39	15.75	89.535	69.537	15.505	0.31	45.49
1.90	0.35	46.13	71.74	15.90	89.021	69.849	15.642	0.33	46.13
1.91	0.35	46.63	72.09	16.05	88.499	70.159	15.778	0.34	46.63
1.92	0.35	47.13	72.44	16.20	87.969	70.467	15.915	0.36	47.13
1.93	0.35	47.62	72.79	16.35	87.436	70.773	16.052	0.37	47.62
1.94	0.35	48.12	73.14	16.50	86.899	71.077	16.190	0.39	48.12
1.95	0.35	48.61	73.49	16.66	86.362	71.379	16.327	0.40	48.61
1.96	0.35	49.13	73.84	16.81	85.827	71.680	16.464	0.42	49.13
1.97	0.35	49.65	74.19	16.97	85.296	71.978	16.602	0.44	49.65
1.98	0.34	50.17	74.53	17.12	84.771	72.266	16.736	0.44	50.17
1.99	0.34	50.68	74.87	17.27	84.255	72.553	16.870	0.45	50.68
2.00	0.34	51.20	75.21	17.42	83.748	72.837	17.004	0.47	51.20
2.01	0.33	51.51	75.54	17.57	83.495	73.113	17.134	0.46	51.51
2.02	0.31	51.82	75.86	17.71	82.993	73.370	17.256	0.45	51.82
2.03	0.29	52.13	76.14	17.84	82.493	73.610	17.369	0.43	52.13
2.04	0.28	52.44	76.42	17.97	81.996	73.839	17.478	0.43	52.44
2.05	0.26	52.75	76.68	18.09	81.499	74.051	17.579	0.41	52.75
2.06	0.25	53.62	76.93	18.20	81.004	74.254	17.677	0.40	53.62
2.07	0.24	54.49	77.17	18.32	80.510	74.447	17.773	0.40	54.49
2.08	0.23	55.36	77.40	18.43	80.016	74.631	17.866	0.39	55.36
2.09	0.22	56.22	77.62	18.53	79.521	74.806	17.955	0.38	56.22
2.10	0.22	57.07	77.84	18.64	79.027	74.980	18.046	0.39	57.07
2.11	0.21	57.93	78.05	18.75	78.531	75.145	18.134	0.38	57.93
2.12	0.20	58.79	78.25	18.85	78.034	75.301	18.218	0.37	58.79
2.13	0.19	59.64	78.44	18.95	77.535	75.448	18.299	0.36	59.64
2.14	0.18	60.49	78.62	19.04	77.034	75.587	18.376	0.35	60.49
2.15	0.18	61.33	78.80	19.14	76.530	75.724	18.454	0.36	61.33
2.16	0.17	61.53	78.97	19.23	76.024	75.854	18.528	0.35	61.53
2.17	0.17	61.73	79.14	19.32	75.514	75.982	18.601	0.35	61.73
2.18	0.17	61.93	79.31	19.41	75.000	76.109	18.673	0.36	61.93
2.19	0.17	62.13	79.48	19.51	74.476	76.236	18.745	0.37	62.13
2.20	0.17	62.33	79.65	19.60	73.937	76.362	18.817	0.38	62.33
2.21	0.16	62.40	79.81	19.68	73.382	76.479	18.884	0.36	62.40
2.22	0.14	62.48	79.95	19.76	72.815	76.581	18.942	0.32	62.48
2.23	0.12	62.56	80.07	19.82	72.235	76.668	18.992	0.28	62.56
2.24	0.11	62.63	80.18	19.88	71.643	76.747	19.036	0.26	62.63
2.25	0.11	62.71	80.29	19.94	71.041	76.825	19.081	0.27	62.71
2.26	0.11	63.36	80.40	20.00	70.429	76.902	19.125	0.28	63.36
2.27	0.11	64.01	80.51	20.06	69.808	76.979	19.170	0.28	64.01
2.28	0.12	64.66	80.63	20.13	69.180	77.062	19.219	0.31	64.66
2.29	0.14	65.30	80.77	20.20	68.545	77.158	19.276	0.37	65.30
2.30	0.16	65.94	80.93	20.29	67.905	77.267	19.342	0.44	65.94
2.31	0.67	66.24	81.60	20.67	67.260	77.717	19.614	1.86	66.24
2.32	0.67	66.53	82.27	21.04	66.611	78.164	19.882	1.90	66.53
2.33	.67	66.82	82.94	21.41	65.960	78.605	20.146	[illegible]3	66.82
2.34	.67	67.11	83.61	21.78	65.307	79.043	20.406	[illegible]7	67.11

2.35	[illegible]66	67.40	84.27	22.14	64.653	79.470	20.658	[illegible]38	67.40
2.36	0.66	67.69	84.93	22.49	64.000	79.892	20.907	2.01	67.69
2.37	0.66	67.97	85.59	22.84	63.332	80.310	21.152	2.05	67.97
2.38	0.65	68.26	86.24	23.18	62.638	80.717	21.389	2.06	68.26
2.39	0.65	68.54	86.89	23.52	61.920	81.120	21.623	2.10	68.54
2.40	0.65	68.82	87.54	23.86	61.183	81.517	21.854	2.14	68.82
2.41	0.65	69.10	88.19	24.19	60.431	81.910	22.080	2.18	69.10
2.42	0.64	69.38	88.83	24.52	59.667	82.292	22.300	2.19	69.38
2.43	0.64	69.66	89.47	24.84	58.895	82.669	22.516	2.23	69.66
2.44	0.64	69.94	90.11	25.16	58.119	83.041	22.728	2.27	69.94
2.45	0.64	70.22	90.75	25.48	57.344	83.408	22.937	2.31	70.22
2.46	0.63	71.99	91.38	25.80	56.572	83.764	23.146	2.32	71.99
2.47	0.63	73.75	92.01	26.13	55.808	84.116	23.357	2.36	73.75
2.48	0.63	75.50	92.64	26.46	55.056	84.463	23.571	2.40	75.50
2.49	0.62	77.25	93.26	26.80	54.319	84.800	23.785	2.40	77.25
2.50	0.62	78.98	93.88	27.15	53.601	85.132	24.000	2.44	78.98
2.51	0.62	80.72	94.50	27.50	52.906	85.460	24.218	2.47	80.72
2.52	0.62	82.44	95.12	27.86	52.239	85.784	24.438	2.51	82.44
2.53	0.62	84.16	95.74	28.22	51.602	86.104	24.659	2.54	84.16
2.54	0.61	85.87	96.35	28.59	51.000	86.415	24.880	2.53	85.87
2.55	0.61	87.58	96.96	28.96	50.425	86.722	25.102	2.56	87.58
2.56	0.61	89.27	97.57	29.33	49.864	87.027	25.327	2.59	89.27
2.57	0.61	90.96	98.18	29.72	49.317	87.327	25.553	2.62	90.96
2.58	0.60	92.65	98.78	30.10	48.779	87.620	25.777	2.60	92.65
2.59	0.60	94.33	99.38	30.49	48.249	87.910	26.003	2.63	94.33
2.60	0.60	96.00	99.98	30.88	47.726	88.196	26.230	2.66	96.00

HEAD ASH %	30.88	CLEAN COAL ASH %	26.23	REFUSE ASH %	65.63
THEO. YIELD	92.20	CLEAN COAL YIELD%	88.20	REFUSE YIELD%	11.80
SG OF SEPARATION	2.473	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	12.575	IMPERFECTION	0.382		
ORGANIC EFFCY.	95.66				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 23 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 15.34 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.85	0.19	0.85	0.19	99.521	0.846	0.190	0.05	0.19
1.25	0.95	0.38	1.80	0.29	99.485	1.791	0.290	0.06	0.38
1.26	1.05	0.56	2.85	0.39	99.448	2.835	0.390	0.07	0.56
1.27	1.14	0.74	3.99	0.49	99.410	3.969	0.490	0.08	0.74
1.28	1.24	0.91	5.23	0.59	99.372	5.201	0.589	0.09	0.91
1.29	1.33	1.09	6.56	0.69	99.333	6.522	0.691	0.11	1.09
1.30	1.42	1.26	7.98	0.79	99.294	7.932	0.792	0.12	1.26
1.31	1.51	1.44	9.49	0.90	99.253	9.431	0.895	0.13	1.44
1.32	1.60	1.82	11.09	1.03	99.212	11.018	1.028	0.15	1.82
1.33	1.69	2.41	12.78	1.21	99.171	12.694	1.211	0.17	2.41
1.34	1.77	3.00	14.55	1.43	99.129	14.449	1.428	0.18	3.00
1.35	1.86	3.58	16.41	1.67	99.087	16.292	1.671	0.20	3.58
1.36	1.94	4.16	18.35	1.94	99.044	18.213	1.934	0.22	4.16
1.37	2.02	4.73	20.37	2.21	99.000	20.213	2.211	0.24	4.73
1.38	2.10	5.30	22.47	2.50	98.956	22.291	2.499	0.26	5.30
1.39	2.18	5.87	24.65	2.80	98.911	24.447	2.796	0.28	5.87
1.40	2.26	6.43	26.91	3.10	98.864	26.681	3.100	0.31	6.43
1.41	2.57	6.75	29.48	3.42	98.816	29.221	3.417	0.36	6.75
1.42	3.03	7.07	32.51	3.76	98.766	32.214	3.757	0.45	7.07
1.43	3.37	7.38	35.88	4.10	98.715	35.540	4.096	0.52	7.38
1.44	3.58	7.70	39.46	4.43	98.661	39.072	4.422	0.57	7.70
1.45	3.67	8.01	43.13	4.73	98.605	42.691	4.726	0.61	8.01
1.46	3.63	8.87	46.76	5.05	98.546	46.268	5.046	0.63	8.87
1.47	3.47	9.73	50.23	5.38	98.484	49.686	5.368	0.63	9.73
1.48	3.18	10.58	53.41	5.69	98.419	52.816	5.677	0.60	10.58
1.49	2.77	11.43	56.18	5.97	98.351	55.540	5.959	0.54	11.43
1.50	2.23	12.27	58.41	6.21	98.279	57.731	6.199	0.46	12.27
1.51	1.87	13.24	60.28	6.43	98.203	59.568	6.416	0.40	13.24
1.52	1.76	14.21	62.04	6.65	98.124	61.295	6.636	0.39	14.21
1.53	1.64	15.17	63.68	6.87	98.040	62.903	6.854	0.38	15.17
1.54	1.52	16.12	65.20	7.08	97.951	64.392	7.068	0.37	16.12
1.55	1.39	17.07	66.59	7.29	97.858	65.752	7.275	0.35	17.07
1.56	1.25	17.89	67.84	7.49	97.760	66.974	7.469	0.33	17.89
1.57	1.10	18.70	68.94	7.67	97.656	68.048	7.646	0.31	18.70
1.58	0.95	19.50	69.89	7.83	97.548	68.975	7.805	0.28	19.50
1.59	0.79	20.30	70.68	7.97	97.433	69.744	7.943	0.24	20.30
1.60	0.62	21.10	71.30	8.08	97.313	70.348	8.056	0.20	21.10
1.61	0.53	21.94	71.83	8.18	97.186	70.863	8.157	0.18	21.94
1.62	0.53	22.78	72.36	8.29	97.053	71.377	8.262	0.19	22.78
1.63	0.52	23.62	72.88	8.40	96.914	71.881	8.370	0.19	23.62
1.64	0.51	24.45	73.39	8.51	96.768	72.375	8.480	0.20	24.45
1.65	0.50	25.27	73.89	8.63	96.614	72.858	8.591	0.20	25.27
1.66	0.48	26.23	74.37	8.74	96.453	73.321	8.702	0.20	26.23
1.67	0.46	27.19	74.83	8.85	96.285	73.764	8.813	0.20	27.19
1.68	0.44	28.13	75.27	8.96	96.109	74.187	8.923	0.20	28.13
1.69	0.42	29.08	75.69	9.08	95.804	74.589	9.032	0.21	29.08
1.70	0.39	30.01	76.08	9.18	95.587	74.962	9.137	0.20	30.01
1.71	0.38	30.88	76.46	9.29	95.353	75.324	9.241	.21	30.88
1.72	0.39	31.73	76.85	9.41	95.104	75.695	9.351	.23	31.73

1.73	0.40	32.59	77.25	9.53	94.843	76.074	9.467	0.25	32.59
1.74	0.40	33.43	77.65	9.65	94.575	76.453	9.586	0.26	33.43
1.75	0.39	34.28	78.04	9.77	94.301	76.820	9.704	0.26	34.28
1.76	0.37	35.11	78.41	9.89	94.025	77.168	9.819	0.26	35.11
1.77	0.35	35.94	78.76	10.01	93.750	77.496	9.929	0.26	35.94
1.78	0.32	36.77	79.08	10.12	93.486	77.795	10.032	0.25	36.77
1.79	0.28	37.59	79.36	10.21	93.233	78.057	10.124	0.23	37.59
1.80	0.23	38.40	79.59	10.29	92.983	78.270	10.202	0.19	38.40
1.81	0.20	39.10	79.79	10.37	92.725	78.456	10.270	0.17	39.10
1.82	0.19	39.80	79.98	10.44	92.451	78.632	10.336	0.17	39.80
1.83	0.19	40.50	80.17	10.51	92.161	78.807	10.403	0.18	40.50
1.84	0.18	41.19	80.35	10.58	91.815	78.972	10.467	0.18	41.19
1.85	0.17	41.88	80.52	10.64	91.435	79.127	10.529	0.17	41.88
1.86	0.16	42.50	80.68	10.71	91.000	79.273	10.588	0.17	42.50
1.87	0.16	43.11	80.84	10.77	90.526	79.418	10.647	0.18	43.11
1.88	0.15	43.72	80.99	10.83	90.037	79.553	10.703	0.18	43.72
1.89	0.14	44.32	81.13	10.89	89.535	79.678	10.756	0.17	44.32
1.90	0.14	44.93	81.27	10.95	89.021	79.803	10.810	0.18	44.93
1.91	0.14	45.42	81.41	11.01	88.499	79.927	10.863	0.19	45.42
1.92	0.13	45.91	81.54	11.06	87.969	80.041	10.913	0.19	45.91
1.93	0.13	46.39	81.67	11.12	87.436	80.155	10.964	0.19	46.39
1.94	0.13	46.88	81.80	11.17	86.899	80.268	11.014	0.20	46.88
1.95	0.13	47.36	81.93	11.23	86.362	80.380	11.065	0.21	47.36
1.96	0.13	48.08	82.06	11.29	85.827	80.492	11.116	0.22	48.08
1.97	0.13	48.80	82.19	11.35	85.296	80.602	11.168	0.23	48.80
1.98	0.14	49.52	82.33	11.41	84.771	80.721	11.224	0.25	49.52
1.99	0.14	50.23	82.47	11.48	84.255	80.839	11.281	0.26	50.23
2.00	0.14	50.94	82.61	11.55	83.748	80.956	11.339	0.27	50.94
2.01	0.14	51.45	82.75	11.61	83.495	81.073	11.397	0.28	51.45
2.02	0.14	51.95	82.89	11.68	82.993	81.189	11.455	0.28	51.95
2.03	0.14	52.46	83.03	11.75	82.493	81.305	11.513	0.29	52.46
2.04	0.14	52.96	83.17	11.82	81.996	81.420	11.571	0.30	52.96
2.05	0.14	53.45	83.31	11.89	81.499	81.534	11.630	0.31	53.45
2.06	0.14	54.12	83.45	11.96	81.004	81.647	11.689	0.32	54.12
2.07	0.14	54.78	83.59	12.03	80.510	81.760	11.748	0.32	54.78
2.08	0.14	55.44	83.73	12.11	80.016	81.872	11.808	0.33	55.44
2.09	0.14	56.10	83.87	12.18	79.521	81.983	11.868	0.34	56.10
2.10	0.14	56.75	84.01	12.25	79.027	82.094	11.929	0.35	56.75
2.11	0.13	57.25	84.14	12.32	78.531	82.196	11.985	0.33	57.25
2.12	0.13	57.75	84.27	12.39	78.034	82.297	12.042	0.34	57.75
2.13	0.12	58.24	84.39	12.46	77.535	82.391	12.094	0.32	58.24
2.14	0.12	58.73	84.51	12.52	77.034	82.483	12.146	0.33	58.73
2.15	0.12	59.22	84.63	12.59	76.530	82.575	12.198	0.34	59.22
2.16	0.11	59.75	84.74	12.65	76.024	82.658	12.246	0.31	59.75
2.17	0.11	60.27	84.85	12.71	75.514	82.741	12.295	0.32	60.27
2.18	0.11	60.78	84.96	12.78	75.000	82.824	12.343	0.33	60.78
2.19	0.11	61.30	85.07	12.84	74.476	82.906	12.391	0.33	61.30
2.20	0.12	61.81	85.19	12.91	73.937	82.995	12.444	0.37	61.81
2.21	0.11	62.11	85.30	12.97	73.382	83.075	12.492	0.35	62.11
2.22	0.10	62.40	85.40	13.03	72.815	83.148	12.536	0.32	62.40
2.23	0.09	62.69	85.49	13.08	72.235	83.213	12.575	0.30	62.69
2.24	0.08	62.98	85.57	13.13	71.643	83.270	12.610	0.27	62.98
2.25	0.08	63.26	85.66	13.17	71.041	83.327	12.645	0.28	63.26
2.26	0.08	64.04	85.73	13.22	70.429	83.384	12.679	0.28	64.04
2.27	0.08	64.82	85.81	13.27	69.808	83.440	12.714	0.29	64.82
2.28	0.09	65.60	85.90	13.33	69.180	83.502	12.754	0.33	65.60
2.29	0.10	66.37	86.00	13.39	68.545	83.570	12.798	0.37	66.37
2.30	0.11	67.14	86.11	13.46	67.905	83.645	12.846	0.42	67.14
2.31	0.49	67.78	86.60	13.76	67.260	83.975	13.062	1.91	67.78
2.32	0.49	68.42	87.09	14.07	66.611	84.301	13.276	1.95	68.42
2.33	0.49	69.06	87.58	14.38	65.960	84.624	13.489	1.99	69.06
2.34	0.48	69.69	88.06	14.68	65.307	84.938	13.697	1.98	69.69

2.35	0.48	70.33	88.54	14.98	64.653	85.248	13.903	2.02	70.33
2.36	0.48	70.96	89.02	15.28	64.000	85.555	14.108	2.06	70.96
2.37	0.48	71.59	89.50	15.58	63.332	85.859	14.311	2.10	71.59
2.38	0.48	72.21	89.98	15.89	62.638	86.160	14.513	2.14	72.21
2.39	0.47	72.83	90.45	16.18	61.920	86.451	14.709	2.13	72.83
2.40	0.47	73.45	90.92	16.48	61.183	86.738	14.904	2.17	73.45
2.41	0.47	74.07	91.39	16.78	60.431	87.022	15.097	2.21	74.07
2.42	0.47	74.68	91.86	17.07	59.667	87.303	15.289	2.26	74.68
2.43	0.47	75.30	92.33	17.37	58.895	87.580	15.478	2.30	75.30
2.44	0.46	75.90	92.79	17.66	58.119	87.847	15.662	2.29	75.90
2.45	0.46	76.51	93.25	17.95	57.344	88.111	15.844	2.34	76.51
2.46	0.46	77.85	93.71	18.24	56.572	88.371	16.027	2.38	77.85
2.47	0.46	79.18	94.17	18.54	55.808	88.628	16.210	2.42	79.18
2.48	0.46	80.50	94.63	18.84	55.056	88.881	16.393	2.46	80.50
2.49	0.46	81.82	95.09	19.15	54.319	89.131	16.577	2.50	81.82
2.50	0.45	83.14	95.54	19.45	53.601	89.372	16.756	2.49	83.14
2.51	0.45	84.45	95.99	19.75	52.906	89.610	16.936	2.52	84.45
2.52	0.45	85.75	96.44	20.06	52.239	89.845	17.116	2.56	85.75
2.53	0.45	87.05	96.89	20.37	51.602	90.077	17.296	2.59	87.05
2.54	0.45	88.34	97.34	20.69	51.000	90.307	17.477	2.63	88.34
2.55	0.44	89.63	97.78	21.00	50.425	90.529	17.654	2.60	89.63
2.56	0.44	90.92	98.22	21.31	49.864	90.748	17.831	2.63	90.92
2.57	0.44	92.19	98.66	21.62	49.317	90.965	18.008	2.66	92.19
2.58	0.44	93.47	99.10	21.94	48.779	91.180	18.186	2.68	93.47
2.59	0.44	94.74	99.54	22.27	48.249	91.392	18.364	2.71	94.74
2.60	0.44	96.00	99.98	22.59	47.726	91.602	18.542	2.74	96.00

HEAD ASH %	22.59	CLEAN COAL ASH %	18.54	REFUSE ASH %	66.75
THEO. YIELD	94.17	CLEAN COAL YIELD%	91.60	REFUSE YIELD%	8.40
SG OF SEPARATION	2.470	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	9.160	IMPERFECTION	0.382		
ORGANIC EFFCY.	97.27				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 24 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 11.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	3.32	0.26	3.32	0.26	99.521	3.304	0.260	0.25	0.26
1.25	3.26	0.51	6.58	0.38	99.485	6.547	0.384	0.26	0.51
1.26	3.21	0.76	9.79	0.51	99.448	9.740	0.507	0.28	0.76
1.27	3.15	1.00	12.94	0.63	99.410	12.871	0.627	0.29	1.00
1.28	3.10	1.25	16.04	0.75	99.372	15.952	0.747	0.30	1.25
1.29	3.05	1.49	19.09	0.87	99.333	18.981	0.866	0.32	1.49
1.30	2.99	1.73	22.08	0.98	99.294	21.950	0.983	0.33	1.73
1.31	2.94	1.96	25.02	1.10	99.253	24.868	1.097	0.34	1.96
1.32	2.90	2.31	27.92	1.22	99.212	27.745	1.223	0.36	2.31
1.33	2.85	2.78	30.77	1.37	99.171	30.572	1.367	0.37	2.78
1.34	2.80	3.24	33.57	1.52	99.129	33.347	1.529	0.38	3.24
1.35	2.76	3.69	36.33	1.69	99.087	36.082	1.687	0.39	3.69
1.36	2.72	4.14	39.05	1.86	99.044	38.776	1.858	0.40	4.14
1.37	2.67	4.59	41.72	2.03	99.000	41.419	2.032	0.42	4.59
1.38	2.63	5.04	44.35	2.21	98.956	44.022	2.210	0.43	5.04
1.39	2.60	5.48	46.95	2.39	98.911	46.594	2.390	0.44	5.48
1.40	2.56	5.92	49.51	2.58	98.864	49.124	2.572	0.45	5.92
1.41	2.51	6.41	52.02	2.76	98.816	51.605	2.757	0.46	6.41
1.42	2.44	6.89	54.46	2.95	98.766	54.015	2.941	0.47	6.89
1.43	2.35	7.37	56.81	3.13	98.715	56.334	3.123	0.47	7.37
1.44	2.26	7.85	59.07	3.31	98.661	58.564	3.303	0.47	7.85
1.45	2.15	8.32	61.22	3.49	98.605	60.684	3.479	0.47	8.32
1.46	2.03	9.35	63.25	3.67	98.546	62.685	3.666	0.46	9.35
1.47	1.89	10.36	65.14	3.87	98.484	64.546	3.859	0.45	10.36
1.48	1.75	11.37	66.89	4.06	98.419	66.268	4.054	0.43	11.37
1.49	1.59	12.38	68.48	4.26	98.351	67.832	4.246	0.41	12.38
1.50	1.42	13.37	69.90	4.44	98.279	69.228	4.430	0.38	13.37
1.51	1.29	14.50	71.19	4.62	98.203	70.495	4.611	0.36	14.50
1.52	1.22	15.63	72.41	4.81	98.124	71.692	4.795	0.36	15.69
1.53	1.13	16.74	73.54	4.99	98.040	72.799	4.977	0.34	16.74
1.54	1.04	17.85	74.58	5.17	97.951	73.818	5.155	0.33	17.85
1.55	0.94	18.95	75.52	5.34	97.858	74.738	5.324	0.31	18.95
1.56	0.83	19.56	76.35	5.50	97.760	75.549	5.477	0.29	19.56
1.57	0.72	20.17	77.07	5.64	97.656	76.253	5.613	0.26	20.17
1.58	0.60	20.77	77.67	5.75	97.548	76.838	5.728	0.23	20.77
1.59	0.48	21.37	78.15	5.85	97.433	77.306	5.823	0.19	21.37
1.60	0.35	21.96	78.50	5.92	97.313	77.646	5.894	0.15	21.96
1.61	0.28	22.62	78.78	5.98	97.186	77.918	5.952	0.12	22.62
1.62	0.28	23.27	79.06	6.04	97.053	78.190	6.012	0.13	23.27
1.63	0.28	23.92	79.34	6.10	96.914	78.461	6.074	0.13	23.92
1.64	0.27	24.57	79.61	6.17	96.768	78.723	6.136	0.14	24.57
1.65	0.27	25.21	79.88	6.23	96.614	78.983	6.199	0.14	25.21
1.66	0.27	26.11	80.15	6.30	96.453	79.244	6.264	0.15	26.11
1.67	0.28	27.01	80.43	6.37	96.285	79.514	6.334	0.16	27.01
1.68	0.28	27.90	80.71	6.44	96.109	79.783	6.407	0.17	27.90
1.69	0.28	28.78	80.99	6.52	95.804	80.051	6.482	0.18	28.78
1.70	0.28	29.67	81.27	6.60	95.587	80.319	6.559	0.19	29.67
1.71	0.29	30.21	81.56	6.69	95.353	80.595	6.640	0.21	30.21
1.72	0.29	30.75	81.85	6.77	95.104	80.871	6.723	0.22	30.75

1.73	0.30	31.29	82.15	6.86	94.843	81.155	6.809	0.24	31.29
1.74	0.30	31.82	82.45	6.95	94.575	81.439	6.896	0.25	31.82
1.75	0.30	32.35	82.75	7.04	94.301	81.722	6.984	0.27	32.35
1.76	0.29	33.48	83.04	7.14	94.025	81.995	7.072	0.27	33.48
1.77	0.29	34.60	83.33	7.23	93.750	82.267	7.163	0.28	34.60
1.78	0.28	35.71	83.61	7.33	93.486	82.528	7.254	0.28	35.71
1.79	0.27	36.82	83.88	7.42	93.233	82.780	7.344	0.28	36.82
1.80	0.26	37.92	84.14	7.52	92.983	83.022	7.433	0.28	37.92
1.81	0.24	39.08	84.38	7.61	92.725	83.244	7.517	0.27	39.08
1.82	0.20	40.24	84.58	7.68	92.451	83.429	7.590	0.20	40.24
1.83	0.18	41.39	84.76	7.75	92.151	83.595	7.657	0.22	41.39
1.84	0.16	42.53	84.92	7.82	91.815	83.742	7.718	0.20	42.53
1.85	0.14	43.67	85.06	7.88	91.435	83.870	7.773	0.19	43.67
1.86	0.12	43.68	85.18	7.93	91.000	83.979	7.820	0.17	43.68
1.87	0.12	43.70	85.30	7.98	90.526	84.088	7.866	0.18	43.70
1.88	0.11	43.71	85.41	8.03	90.037	84.187	7.908	0.17	43.71
1.89	0.11	43.72	85.52	8.07	89.535	84.285	7.950	0.18	43.72
1.90	0.12	43.74	85.64	8.12	89.021	84.392	7.995	0.21	43.74
1.91	0.12	43.81	85.76	8.17	88.499	84.498	8.040	0.21	43.81
1.92	0.12	43.87	85.88	8.22	87.969	84.604	8.085	0.22	43.87
1.93	0.12	43.94	86.00	8.27	87.436	84.709	8.129	0.23	43.94
1.94	0.12	44.01	86.12	8.32	86.899	84.813	8.173	0.24	44.01
1.95	0.12	44.08	86.24	8.37	86.362	84.917	8.217	0.25	44.08
1.96	0.12	44.69	86.36	8.42	85.827	85.020	8.262	0.26	44.69
1.97	0.12	45.31	86.48	8.47	85.296	85.122	8.306	0.27	45.31
1.98	0.12	45.92	86.60	8.52	84.771	85.224	8.351	0.28	45.92
1.99	0.12	46.53	86.72	8.58	84.255	85.325	8.396	0.29	46.53
2.00	0.12	47.14	86.84	8.63	83.748	85.425	8.442	0.30	47.14
2.01	0.12	47.50	86.96	8.68	83.495	85.526	8.488	0.31	47.50
2.02	0.12	47.85	87.08	8.74	82.993	85.625	8.533	0.32	47.85
2.03	0.12	48.21	87.20	8.79	82.493	85.724	8.579	0.33	48.21
2.04	0.12	48.57	87.32	8.85	81.996	85.823	8.625	0.34	48.57
2.05	0.12	48.92	87.44	8.90	81.499	85.920	8.671	0.35	48.92
2.06	0.12	49.47	87.56	8.96	81.004	86.018	8.717	0.35	49.47
2.07	0.12	50.03	87.68	9.01	80.510	86.114	8.763	0.36	50.03
2.08	0.12	50.57	87.80	9.07	80.016	86.210	8.810	0.37	50.57
2.09	0.12	51.12	87.92	9.13	79.521	86.306	8.857	0.38	51.12
2.10	0.12	51.67	88.04	9.19	79.027	86.401	8.904	0.39	51.67
2.11	0.12	52.05	88.16	9.24	78.531	86.495	8.951	0.40	52.05
2.12	0.11	52.44	88.27	9.30	78.034	86.581	8.994	0.38	52.44
2.13	0.10	52.82	88.37	9.35	77.535	86.658	9.033	0.35	52.82
2.14	0.10	53.20	88.47	9.40	77.034	86.735	9.072	0.36	53.20
2.15	0.09	53.58	88.56	9.44	76.530	86.804	9.107	0.33	53.58
2.16	0.08	53.95	88.64	9.48	76.024	86.865	9.139	0.30	53.95
2.17	0.08	54.33	88.72	9.52	75.514	86.925	9.170	0.30	54.33
2.18	0.08	54.70	88.80	9.56	75.000	86.985	9.202	0.31	54.70
2.19	0.08	55.07	88.88	9.60	74.476	87.045	9.233	0.32	55.07
2.20	0.08	55.44	88.96	9.64	73.937	87.104	9.264	0.32	55.44
2.21	0.08	56.06	89.04	9.69	73.382	87.163	9.296	0.33	56.06
2.22	0.08	56.68	89.12	9.73	72.815	87.221	9.328	0.34	56.68
2.23	0.08	57.30	89.20	9.77	72.235	87.279	9.359	0.35	57.30
2.24	0.08	57.91	89.28	9.81	71.643	87.336	9.391	0.35	57.91
2.25	0.08	58.52	89.36	9.86	71.041	87.393	9.423	0.36	58.52
2.26	0.09	59.13	89.45	9.91	70.429	87.456	9.459	0.41	59.13
2.27	0.09	59.74	89.54	9.96	69.808	87.519	9.495	0.42	59.74
2.28	0.10	60.34	89.64	10.01	69.180	87.588	9.535	0.48	60.34
2.29	0.11	60.94	89.75	10.08	68.545	87.664	9.580	0.54	60.94
2.30	0.11	61.53	89.86	10.14	67.905	87.738	9.624	0.55	61.53
2.31	0.36	61.68	90.22	10.35	67.260	87.981	9.767	1.83	61.68
2.32	0.36	61.82	90.58	10.55	66.611	88.220	9.909	1.87	61.82
2.33	0.36	61.96	90.94	10.75	65.960	88.458	10.048	91	61.96
2.34	0.36	62.10	91.30	10.96	65.307	88.693	10.186	94	62.10

2.35	0.35	62.24	91.65	11.15	64.653	88.919	10.319	1.93	62.24
2.36	0.35	62.38	92.00	11.35	64.000	89.143	10.450	1.96	62.38
2.37	0.35	62.52	92.35	11.54	63.332	89.365	10.579	2.00	62.52
2.38	0.35	62.66	92.70	11.73	62.638	89.584	10.706	2.03	62.66
2.39	0.35	62.80	93.05	11.93	61.920	89.801	10.832	2.07	62.80
2.40	0.35	62.93	93.40	12.12	61.183	90.015	10.956	2.11	62.93
2.41	0.34	63.07	93.74	12.30	60.431	90.220	11.075	2.09	63.07
2.42	0.34	63.21	94.08	12.49	59.667	90.423	11.192	2.13	63.21
2.43	0.34	63.34	94.42	12.67	58.895	90.624	11.307	2.17	63.34
2.44	0.34	63.48	94.76	12.85	58.119	90.821	11.420	2.22	63.48
2.45	0.34	63.61	95.10	13.03	57.344	91.016	11.532	2.26	63.61
2.46	0.34	65.83	95.44	13.22	56.572	91.208	11.647	2.30	65.83
2.47	0.34	68.04	95.78	13.41	55.808	91.398	11.764	2.34	68.04
2.48	0.34	70.25	96.12	13.62	55.056	91.585	11.883	2.38	70.25
2.49	0.33	72.44	96.45	13.82	54.319	91.765	12.002	2.35	72.44
2.50	0.33	74.62	96.78	14.02	53.601	91.941	12.122	2.38	74.62
2.51	0.33	76.80	97.11	14.24	52.906	92.116	12.245	2.42	76.80
2.52	0.33	78.97	97.44	14.46	52.239	92.288	12.369	2.45	78.97
2.53	0.33	81.12	97.77	14.68	51.602	92.459	12.496	2.49	81.12
2.54	0.33	83.27	98.10	14.91	51.000	92.627	12.624	2.52	83.27
2.55	0.33	85.42	98.43	15.15	50.425	92.793	12.755	2.55	85.42
2.56	0.32	87.55	98.75	15.38	49.864	92.953	12.883	2.60	87.55
2.57	0.32	89.67	99.07	15.62	49.317	93.111	13.014	2.52	89.67
2.58	0.32	91.79	99.39	15.87	48.779	93.267	13.145	2.55	91.79
2.59	0.32	93.90	99.71	16.12	48.249	93.421	13.279	2.58	93.90
2.60	0.32	96.00	100.03	16.37	47.726	93.574	13.414	2.60	96.00

		CLEAN COAL ASH %	13.41	REFUSE ASH %	59.49
HEAD ASH %	16.97	CLEAN COAL YIELD%	93.57	REFUSE YIELD%	6.43
THEO. YIELD	95.78	ECART PROB. MOYEN	0.4503		
SG OF SEPARATION	2.470	IMPERFECTION	0.382		
NEAR GRAVITY MAT	6.720				
ORGANIC EFFCY.	97.70				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82004 SID: 26 WID: WA1 EQUIPE WOC2 SG-ASH 0.0 EP 0.0 SG 0.0

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 16.93 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.53	0.25	0.53	0.25	99.521	0.527	0.250	0.04	0.25
1.25	0.53	0.48	1.06	0.36	99.485	1.055	0.365	0.05	0.48
1.26	0.52	0.72	1.58	0.48	99.448	1.572	0.482	0.05	0.72
1.27	0.52	0.95	2.10	0.60	99.410	2.089	0.598	0.05	0.95
1.28	0.51	1.18	2.61	0.71	99.372	2.596	0.711	0.06	1.18
1.29	0.51	1.41	3.12	0.83	99.333	3.102	0.825	0.06	1.41
1.30	0.51	1.64	3.63	0.94	99.294	3.609	0.940	0.06	1.64
1.31	0.50	1.86	4.13	1.05	99.253	4.105	1.051	0.07	1.86
1.32	0.50	2.18	4.63	1.17	99.212	4.601	1.173	0.07	2.18
1.33	0.49	2.58	5.12	1.31	99.171	5.087	1.308	0.07	2.59
1.34	0.49	3.00	5.61	1.46	99.129	5.573	1.456	0.08	3.00
1.35	0.49	3.41	6.10	1.61	99.087	6.058	1.612	0.08	3.41
1.36	0.48	3.82	6.58	1.77	99.044	6.534	1.773	0.08	3.82
1.37	0.48	4.22	7.06	1.94	99.000	7.009	1.939	0.08	4.22
1.38	0.48	4.62	7.54	2.11	98.956	7.484	2.109	0.09	4.62
1.39	0.47	5.01	8.01	2.28	98.911	7.949	2.279	0.09	5.01
1.40	0.47	5.40	8.48	2.45	98.864	8.413	2.451	0.09	5.40
1.41	3.15	5.68	11.63	3.33	98.816	11.526	3.323	0.66	5.68
1.42	3.74	5.96	15.37	3.97	98.766	15.220	3.963	0.82	5.96
1.43	4.19	6.24	19.56	4.46	98.715	19.356	4.450	0.95	6.24
1.44	4.47	6.51	24.03	4.84	98.661	23.766	4.832	1.06	6.51
1.45	4.61	6.78	28.64	5.15	98.605	28.312	5.145	1.14	6.78
1.46	4.60	7.81	33.24	5.52	98.546	32.845	5.513	1.18	7.81
1.47	4.43	8.83	37.67	5.91	98.484	37.208	5.902	1.19	8.83
1.48	4.11	9.84	41.78	6.29	98.419	41.253	6.288	1.15	9.84
1.49	3.64	10.85	45.42	6.66	98.351	44.833	6.652	1.06	10.85
1.50	3.01	11.85	48.43	6.98	98.279	47.791	6.974	0.92	11.85
1.51	2.66	12.80	51.09	7.29	98.203	50.403	7.276	0.84	12.80
1.52	2.64	13.74	53.73	7.60	98.124	52.994	7.592	0.88	13.74
1.53	2.59	14.68	56.32	7.93	98.040	55.533	7.916	0.90	14.68
1.54	2.51	15.61	58.83	8.26	97.951	57.991	8.242	0.91	15.61
1.55	2.40	16.54	61.23	8.58	97.858	60.340	8.565	0.91	16.54
1.56	2.25	17.11	63.48	8.88	97.760	62.540	8.866	0.89	17.11
1.57	2.07	17.69	65.55	9.16	97.656	64.561	9.142	0.86	17.69
1.58	1.86	18.26	67.41	9.41	97.548	66.375	9.391	0.81	18.26
1.59	1.61	18.82	69.02	9.63	97.433	67.944	9.609	0.73	18.82
1.60	1.33	19.39	70.35	9.82	97.313	69.238	9.792	0.63	19.39
1.61	1.16	19.96	71.51	9.98	97.186	70.366	9.955	0.58	19.96
1.62	1.14	20.53	72.65	10.15	97.053	71.472	10.118	0.59	20.53
1.63	1.10	21.10	73.75	10.31	96.914	72.538	10.280	0.60	21.10
1.64	1.07	21.66	74.82	10.47	96.768	73.574	10.440	0.61	21.66
1.65	1.03	22.23	75.85	10.63	96.614	74.569	10.597	0.62	22.23
1.66	0.99	23.26	76.84	10.79	96.453	75.524	10.757	0.62	23.26
1.67	0.94	24.30	77.78	10.96	96.285	76.429	10.918	0.62	24.30
1.68	0.89	25.33	78.67	11.12	96.109	77.284	11.077	0.61	25.33
1.69	0.84	26.35	79.51	11.28	95.804	78.089	11.235	0.62	26.35
1.70	0.79	27.36	80.30	11.44	95.587	78.844	11.389	0.62	27.36
1.71	.77	28.31	81.07	11.60	95.353	79.578	11.545	3	28.31
1.72	.80	29.26	81.87	11.77	95.104	80.339	11.713	69	29.26

1.73	0.80	30.20	82.67	11.95	94.843	81.098	11.886	0.73	30.20
1.74	0.79	31.14	83.46	12.13	94.575	81.845	12.062	0.76	31.14
1.75	0.76	32.07	84.22	12.31	94.301	82.562	12.235	0.77	32.07
1.76	0.71	32.94	84.93	12.48	94.025	83.229	12.401	0.75	32.94
1.77	0.65	33.80	85.58	12.65	93.750	83.839	12.557	0.72	33.80
1.78	0.57	34.67	86.15	12.79	93.486	84.371	12.697	0.66	34.67
1.79	0.48	35.52	86.63	12.92	93.233	84.819	12.817	0.57	35.52
1.80	0.37	36.38	87.00	13.02	92.983	85.163	12.912	0.46	36.38
1.81	0.30	37.25	87.30	13.10	92.725	85.441	12.991	0.39	37.25
1.82	0.28	38.12	87.58	13.18	92.451	85.700	13.067	0.37	38.12
1.83	0.26	38.99	87.84	13.26	92.151	85.940	13.140	0.36	38.99
1.84	0.24	39.85	88.08	13.33	91.815	86.160	13.208	0.35	39.85
1.85	0.23	40.71	88.31	13.40	91.435	86.370	13.275	0.35	40.71
1.86	0.21	41.13	88.52	13.47	91.000	86.561	13.336	0.33	41.13
1.87	0.19	41.54	88.71	13.53	90.526	86.733	13.392	0.32	41.54
1.88	0.18	41.95	88.89	13.58	90.037	86.895	13.446	0.32	41.95
1.89	0.16	42.36	89.05	13.64	89.535	87.039	13.493	0.30	42.36
1.90	0.15	42.76	89.20	13.68	89.021	87.172	13.538	0.29	42.76
1.91	0.14	43.16	89.34	13.73	88.499	87.296	13.580	0.28	43.16
1.92	0.15	43.56	89.49	13.78	87.969	87.428	13.625	0.32	43.56
1.93	0.15	43.95	89.64	13.83	87.436	87.559	13.671	0.33	43.95
1.94	0.14	44.34	89.78	13.88	86.899	87.681	13.713	0.32	44.34
1.95	0.14	44.73	89.92	13.93	86.362	87.802	13.756	0.34	44.73
1.96	0.14	45.40	90.06	13.98	85.827	87.922	13.799	0.35	45.40
1.97	0.14	46.06	90.20	14.03	85.296	88.041	13.843	0.36	46.06
1.98	0.14	46.72	90.34	14.08	84.771	88.160	13.887	0.38	46.72
1.99	0.14	47.37	90.48	14.13	84.255	88.278	13.932	0.39	47.37
2.00	0.13	48.02	90.61	14.18	83.748	88.387	13.974	0.37	48.02
2.01	0.13	48.54	90.74	14.23	83.495	88.495	14.016	0.38	48.54
2.02	0.13	49.07	90.87	14.28	82.993	88.603	14.059	0.39	49.07
2.03	0.13	49.59	91.00	14.33	82.493	88.711	14.102	0.40	49.59
2.04	0.13	50.10	91.13	14.38	81.996	88.817	14.145	0.41	50.10
2.05	0.13	50.62	91.26	14.43	81.499	88.923	14.189	0.43	50.62
2.06	0.13	51.08	91.39	14.48	81.004	89.028	14.232	0.44	51.08
2.07	0.13	51.54	91.52	14.53	80.510	89.133	14.276	0.45	51.54
2.08	0.13	51.99	91.65	14.59	80.016	89.237	14.320	0.46	51.99
2.09	0.12	52.45	91.77	14.64	79.521	89.333	14.361	0.43	52.45
2.10	0.12	52.90	91.89	14.69	79.027	89.427	14.402	0.44	52.90
2.11	0.12	53.12	92.01	14.74	78.531	89.522	14.442	0.46	53.12
2.12	0.11	53.33	92.12	14.78	78.034	89.607	14.480	0.43	53.33
2.13	0.09	53.55	92.21	14.82	77.535	89.677	14.510	0.36	53.55
2.14	0.09	53.76	92.30	14.86	77.034	89.747	14.540	0.37	53.76
2.15	0.08	53.98	92.38	14.89	76.530	89.808	14.567	0.33	53.98
2.16	0.07	54.19	92.45	14.92	76.024	89.861	14.591	0.30	54.19
2.17	0.06	54.40	92.51	14.95	75.514	89.906	14.611	0.26	54.40
2.18	0.06	54.61	92.57	14.97	75.000	89.951	14.631	0.27	54.61
2.19	0.06	54.82	92.63	15.00	74.476	89.996	14.651	0.27	54.82
2.20	0.06	55.03	92.69	15.02	73.937	90.040	14.671	0.28	55.03
2.21	0.06	55.65	92.75	15.05	73.382	90.084	14.691	0.28	55.65
2.22	0.06	56.28	92.81	15.08	72.815	90.128	14.711	0.29	56.28
2.23	0.06	56.90	92.87	15.10	72.235	90.171	14.731	0.29	56.90
2.24	0.06	57.52	92.93	15.13	71.643	90.214	14.751	0.30	57.52
2.25	0.07	58.13	93.00	15.16	71.041	90.264	14.775	0.36	58.13
2.26	0.07	58.75	93.07	15.20	70.429	90.313	14.799	0.37	58.75
2.27	0.08	59.36	93.15	15.24	69.808	90.369	14.827	0.43	59.36
2.28	0.09	59.96	93.24	15.28	69.180	90.432	14.858	0.49	59.96
2.29	0.10	60.57	93.34	15.33	68.545	90.500	14.893	0.56	60.57
2.30	0.11	61.17	93.45	15.38	67.905	90.575	14.931	0.62	61.17
2.31	0.23	61.35	93.68	15.49	67.260	90.729	15.010	1.33	61.35
2.32	0.23	61.53	93.91	15.61	66.611	90.883	15.088	1.36	61.53
2.33	0.23	61.71	94.14	15.72	65.960	91.034	15.166	1.38	61.71
2.34	0.23	61.88	94.37	15.83	65.307	91.185	15.243	1.41	61.88

2.35	0.23	62.06	94.60	15.94	64.653	91.333	15.319	1.44	62.06
2.36	0.23	62.24	94.83	16.06	64.000	91.480	15.395	1.46	62.24
2.37	0.23	62.41	95.06	16.17	63.332	91.626	15.469	1.49	62.41
2.38	0.23	62.59	95.29	16.28	62.638	91.770	15.543	1.52	62.59
2.39	0.22	62.76	95.51	16.39	61.920	91.906	15.613	1.48	62.76
2.40	0.22	62.93	95.73	16.49	61.183	92.041	15.683	1.51	62.93
2.41	0.22	63.11	95.95	16.60	60.431	92.174	15.751	1.54	63.11
2.42	0.22	63.28	96.17	16.71	59.667	92.305	15.819	1.57	63.28
2.43	0.22	63.45	96.39	16.81	58.895	92.435	15.885	1.60	63.45
2.44	0.22	63.62	96.61	16.92	58.119	92.563	15.951	1.63	63.62
2.45	0.22	63.79	96.83	17.03	57.344	92.689	16.016	1.66	63.79
2.46	0.22	66.00	97.05	17.14	56.572	92.813	16.083	1.69	66.00
2.47	0.22	68.19	97.27	17.25	55.808	92.936	16.152	1.72	68.19
2.48	0.22	70.38	97.49	17.37	55.056	93.057	16.223	1.75	70.38
2.49	0.22	72.57	97.71	17.50	54.319	93.177	16.295	1.78	72.57
2.50	0.21	74.74	97.92	17.62	53.601	93.289	16.366	1.72	74.74
2.51	0.21	76.90	98.13	17.75	52.906	93.400	16.438	1.75	76.90
2.52	0.21	79.06	98.34	17.88	52.239	93.510	16.511	1.77	79.06
2.53	0.21	81.21	98.55	18.01	51.602	93.618	16.586	1.80	81.21
2.54	0.21	83.34	98.76	18.15	51.000	93.726	16.662	1.82	83.34
2.55	0.21	85.47	98.97	18.30	50.425	93.831	16.740	1.84	85.47
2.56	0.21	87.60	99.18	18.44	49.864	93.936	16.819	1.86	87.60
2.57	0.21	89.71	99.39	18.59	49.317	94.040	16.899	1.88	89.71
2.58	0.21	91.81	99.60	18.75	48.779	94.142	16.981	1.90	91.81
2.59	0.21	93.91	99.81	18.91	48.249	94.243	17.063	1.92	93.91
2.60	0.21	96.00	100.02	19.07	47.726	94.344	17.147	1.94	96.00

HEAD ASH %	19.07	CLEAN COAL ASH %	17.15	REFUSE ASH %	51.10
THEO. YIELD	97.07	CLEAN COAL YIELD%	94.34	REFUSE YIELD%	5.66
SG OF SEPARATION	2.461	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	4.349	IMPERFECTION	0.382		
ORGANIC EFFCY.	97.20				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 40 WID: WA1 EQUIPE WOC2 SG-ASH ***** EP 0.000 SG ****

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 12.32 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.64	0.31	0.64	0.31	99.521	0.637	0.310	0.02	0.31
1.25	0.70	0.62	1.34	0.47	99.485	1.333	0.472	0.02	0.62
1.26	0.75	0.92	2.09	0.63	99.448	2.079	0.633	0.03	0.92
1.27	0.80	1.21	2.89	0.78	99.410	2.874	0.792	0.03	1.21
1.28	0.85	1.51	3.74	0.96	99.372	3.719	0.955	0.04	1.51
1.29	0.90	1.80	4.64	1.12	99.333	4.613	1.119	0.04	1.80
1.30	0.95	2.09	5.59	1.28	99.294	5.556	1.284	0.04	2.09
1.31	0.99	2.38	6.58	1.45	99.253	6.539	1.449	0.05	2.38
1.32	1.04	2.76	7.62	1.63	99.212	7.571	1.627	0.05	2.76
1.33	1.09	3.22	8.71	1.83	99.171	8.652	1.826	0.06	3.22
1.34	1.13	3.69	9.84	2.04	99.129	9.772	2.040	0.07	3.69
1.35	1.18	4.15	11.02	2.27	99.087	10.941	2.265	0.07	4.15
1.36	1.22	4.60	12.24	2.50	99.044	12.150	2.498	0.08	4.60
1.37	1.27	5.06	13.51	2.74	99.000	13.407	2.738	0.09	5.06
1.38	1.31	5.51	14.82	2.99	98.956	14.703	2.982	0.09	5.51
1.39	1.35	5.95	16.17	3.23	98.911	16.038	3.229	0.10	5.95
1.40	1.39	6.40	17.56	3.48	98.864	17.413	3.480	0.11	6.40
1.41	1.60	6.40	19.16	3.73	98.816	18.994	3.723	0.13	6.40
1.42	1.89	6.40	21.05	3.97	98.766	20.860	3.962	0.16	6.40
1.43	2.09	6.40	23.14	4.19	98.715	22.924	4.182	0.18	6.40
1.44	2.21	6.40	25.35	4.38	98.661	25.104	4.374	0.20	6.40
1.45	2.24	6.40	27.59	4.54	98.605	27.313	4.538	0.21	6.40
1.46	2.14	7.91	29.73	4.79	98.546	29.422	4.780	0.21	7.91
1.47	2.01	9.41	31.74	5.08	98.484	31.401	5.072	0.20	9.41
1.48	1.80	10.90	33.54	5.39	98.419	33.173	5.383	0.19	10.90
1.49	1.51	12.38	35.05	5.69	98.351	34.658	5.683	0.17	12.38
1.50	1.14	13.86	36.19	5.95	98.279	35.778	5.939	0.13	13.86
1.51	0.93	15.25	37.12	6.18	98.203	36.691	6.171	0.11	15.25
1.52	0.92	16.63	38.04	6.44	98.124	37.594	6.422	0.12	16.63
1.53	0.91	18.01	38.95	6.71	98.040	38.486	6.690	0.12	18.01
1.54	0.90	19.38	39.85	6.99	97.951	39.368	6.975	0.12	19.38
1.55	0.89	20.73	40.74	7.29	97.858	40.239	7.272	0.13	20.73
1.56	0.88	21.26	41.62	7.59	97.760	41.099	7.565	0.13	21.26
1.57	0.88	21.79	42.50	7.88	97.656	41.958	7.856	0.14	21.79
1.58	0.87	22.31	43.37	8.17	97.548	42.807	8.143	0.14	22.31
1.59	0.87	22.83	44.24	8.46	97.433	43.655	8.428	0.15	22.83
1.60	0.87	23.35	45.11	8.75	97.313	44.501	8.712	0.16	23.35
1.61	0.89	23.93	46.00	9.04	97.186	45.366	9.002	0.17	23.93
1.62	0.92	24.50	46.92	9.34	97.053	46.259	9.301	0.18	24.50
1.63	0.94	25.07	47.86	9.65	96.914	47.170	9.606	0.19	25.07
1.64	0.95	25.64	48.81	9.96	96.768	48.090	9.912	0.21	25.64
1.65	0.93	26.20	49.74	10.27	96.614	48.988	10.211	0.21	26.20
1.66	0.90	27.03	50.64	10.56	96.453	49.856	10.504	0.21	27.03
1.67	0.86	27.86	51.50	10.85	96.285	50.684	10.788	0.21	27.86
1.68	0.80	28.68	52.30	11.13	96.109	51.453	11.065	0.21	28.68
1.69	0.72	29.49	53.02	11.38	95.904	52.143	11.299	0.20	29.49
1.70	0.62	30.30	53.64	11.59	95.587	52.735	11.512	0.18	30.30
1.71	0.55	30.97	54.19	11.79	95.353	53.260	11.704	0.17	30.97
1.72	0.52	31.63	54.71	11.98	95.104	53.754	11.887	0.17	31.63

1.73	0.49	32.28	55.20	12.16	94.843	54.219	12.062	0.17	32.28
1.74	0.47	32.93	55.67	12.34	94.575	54.664	12.232	0.17	32.93
1.75	0.45	33.58	56.12	12.51	94.301	55.088	12.396	0.17	33.58
1.76	0.44	34.29	56.56	12.67	94.025	55.502	12.559	0.18	34.29
1.77	0.43	34.99	56.99	12.84	93.750	55.905	12.721	0.18	34.99
1.78	0.43	35.69	57.42	13.01	93.486	56.307	12.885	0.19	35.69
1.79	0.44	36.39	57.86	13.19	93.233	56.717	13.055	0.20	36.39
1.80	0.45	37.08	58.31	13.38	92.983	57.136	13.231	0.21	37.08
1.81	0.45	37.60	58.76	13.56	92.725	57.553	13.408	0.22	37.60
1.82	0.45	38.12	59.21	13.75	92.451	57.969	13.585	0.23	38.12
1.83	0.45	38.64	59.66	13.94	92.151	58.384	13.763	0.24	38.64
1.84	0.45	39.16	60.11	14.13	91.815	58.797	13.942	0.25	39.16
1.85	0.45	39.67	60.56	14.32	91.435	59.208	14.120	0.26	39.67
1.86	0.45	40.46	61.01	14.51	91.000	59.618	14.301	0.27	40.46
1.87	0.45	41.25	61.46	14.70	90.526	60.025	14.484	0.29	41.25
1.88	0.45	42.03	61.91	14.90	90.037	60.430	14.669	0.30	42.03
1.89	0.45	42.80	62.36	15.10	89.535	60.833	14.855	0.32	42.80
1.90	0.45	43.58	62.81	15.31	89.021	61.234	15.043	0.33	43.58
1.91	0.44	44.03	63.25	15.51	88.499	61.623	15.226	0.34	44.03
1.92	0.44	44.48	63.69	15.71	87.969	62.010	15.409	0.35	44.48
1.93	0.43	44.93	64.12	15.90	87.436	62.386	15.587	0.36	44.93
1.94	0.42	45.38	64.54	16.10	86.899	62.751	15.760	0.37	45.38
1.95	0.41	45.83	64.95	16.28	86.362	63.105	15.929	0.37	45.83
1.96	0.41	46.92	65.36	16.48	85.827	63.457	16.101	0.39	46.92
1.97	0.40	48.00	65.76	16.67	85.296	63.798	16.271	0.39	48.00
1.98	0.39	49.08	66.15	16.86	84.771	64.129	16.440	0.40	49.08
1.99	0.39	50.15	66.54	17.05	84.255	64.457	16.612	0.41	50.15
2.00	0.38	51.22	66.92	17.25	83.748	64.776	16.782	0.41	51.22
2.01	0.37	52.21	67.29	17.44	83.495	65.085	16.950	0.41	52.21
2.02	0.35	53.18	67.64	17.62	82.993	65.375	17.111	0.40	53.18
2.03	0.33	54.16	67.97	17.80	82.493	65.647	17.265	0.39	54.16
2.04	0.32	55.13	68.29	17.98	81.996	65.910	17.416	0.39	55.13
2.05	0.30	56.09	68.59	18.14	81.499	66.154	17.559	0.37	56.09
2.06	0.28	56.58	68.87	18.30	81.004	66.381	17.692	0.36	56.58
2.07	0.26	57.07	69.13	18.45	80.510	66.590	17.816	0.34	57.07
2.08	0.25	57.55	69.38	18.59	80.016	66.790	17.935	0.33	57.55
2.09	0.23	58.03	69.61	18.72	79.521	66.973	18.044	0.32	58.03
2.10	0.21	58.51	69.82	18.84	79.027	67.139	18.144	0.30	58.51
2.11	0.20	59.01	70.02	18.95	78.531	67.296	18.240	0.29	59.01
2.12	0.19	59.50	70.21	19.06	78.034	67.445	18.330	0.28	59.50
2.13	0.19	60.00	70.40	19.17	77.535	67.592	18.421	0.29	60.00
2.14	0.18	60.49	70.58	19.28	77.034	67.731	18.507	0.28	60.49
2.15	0.18	60.98	70.76	19.38	76.530	67.868	18.594	0.28	60.98
2.16	0.18	61.52	70.94	19.49	76.024	68.005	18.680	0.29	61.52
2.17	0.18	62.07	71.12	19.60	75.514	68.141	18.767	0.30	62.07
2.18	0.18	62.61	71.30	19.71	75.000	68.276	18.853	0.30	62.61
2.19	0.18	63.15	71.48	19.82	74.476	68.410	18.940	0.31	63.15
2.20	0.19	63.69	71.67	19.93	73.937	68.551	19.032	0.33	63.69
2.21	0.19	63.98	71.86	20.05	73.382	68.690	19.123	0.34	63.98
2.22	0.19	64.28	72.05	20.16	72.815	68.828	19.214	0.35	64.28
2.23	0.20	64.57	72.25	20.29	72.235	68.973	19.309	0.37	64.57
2.24	0.20	64.86	72.45	20.41	71.643	69.116	19.403	0.38	64.86
2.25	0.20	65.15	72.65	20.53	71.041	69.258	19.497	0.39	65.15
2.26	0.21	66.11	72.86	20.67	70.429	69.406	19.596	0.42	66.11
2.27	0.21	67.07	73.07	20.80	69.808	69.553	19.696	0.42	67.07
2.28	0.21	68.03	73.28	20.93	69.180	69.698	19.797	0.43	68.03
2.29	0.22	68.98	73.50	21.08	68.545	69.849	19.903	0.46	68.98
2.30	0.22	69.93	73.72	21.22	67.905	69.998	20.010	0.47	69.93
2.31	0.83	70.75	74.65	21.84	67.260	70.624	20.460	2.04	70.75
2.32	0.93	71.67	75.58	22.45	66.611	71.243	20.904	2.08	71.97
2.33	0.92	72.39	76.50	23.05	65.960	71.850	21.339	2.10	72.39
2.34	0.92	73.20	77.42	23.65	65.307	72.451	21.769	2.14	73.20

2.35	.91	74.01	78.33	24.23	64.653	73.039	22.190	2.16	74.01
2.36	0.91	74.82	79.24	24.82	64.000	73.622	22.606	2.20	74.82
2.37	0.91	75.62	80.15	25.39	63.332	74.198	23.018	2.24	75.62
2.38	0.90	76.42	81.05	25.96	62.638	74.762	23.421	2.25	76.42
2.39	0.90	77.21	81.95	26.52	61.920	75.319	23.819	2.30	77.21
2.40	0.89	78.00	82.84	27.07	61.183	75.869	24.208	2.32	78.00
2.41	0.89	78.79	83.73	27.62	60.431	76.401	24.592	2.36	78.79
2.42	0.89	79.58	84.62	28.17	59.667	76.932	24.971	2.41	79.58
2.43	0.88	80.36	85.50	28.71	58.895	77.451	25.342	2.42	80.36
2.44	0.88	81.14	86.38	29.24	58.119	77.962	25.708	2.47	81.14
2.45	0.88	81.92	87.26	29.77	57.344	78.467	26.070	2.52	81.92
2.46	0.87	82.88	88.19	30.30	56.572	78.959	26.424	2.53	82.88
2.47	0.87	83.84	89.00	30.82	55.808	79.444	26.775	2.58	83.84
2.48	0.87	84.80	89.87	31.34	55.056	79.923	27.122	2.62	84.80
2.49	0.86	85.76	90.73	31.86	54.319	80.390	27.463	2.63	85.76
2.50	0.86	86.71	91.59	32.37	53.601	80.851	27.801	2.67	86.71
2.51	0.86	87.65	92.45	32.89	52.906	81.306	28.136	2.71	87.66
2.52	0.85	88.59	93.30	33.40	52.239	81.750	28.464	2.72	88.59
2.53	0.85	89.53	94.15	33.90	51.602	82.189	28.790	2.76	89.53
2.54	0.85	90.47	95.00	34.41	51.000	82.623	29.114	2.79	90.47
2.55	0.84	91.40	95.84	34.91	50.425	83.046	29.431	2.79	91.40
2.56	0.84	92.33	96.68	35.41	49.864	83.465	29.747	2.82	92.33
2.57	0.84	93.25	97.52	35.91	49.317	83.879	30.061	2.85	93.25
2.58	0.83	94.17	98.35	36.40	48.779	84.284	30.369	2.85	94.17
2.59	0.83	95.09	99.18	36.89	48.249	84.685	30.675	2.88	95.09
2.60	0.83	96.00	100.01	37.38	47.726	85.081	30.979	2.91	96.00

		CLEAN COAL ASH %	30.98	REFUSE ASH %	73.88
HEAD ASH %	37.98	CLEAN COAL YIELD%	85.08	REFUSE YIELD%	14.92
THEO. YIELD	89.26	ECART PROB. MOYEN	0.4503		
SG OF SEPARATION	2.473	IMPERFECTION	0.382		
NEAR GRAVITY MAT	17.349				
ORGANIC EFFCY.	95.31				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 41 WID: WA1 EQUIPE WOC2 SG-ASH 0.00 EP****** SG 0.00
---------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.71 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.23	0.21	0.23	0.21	99.521	0.229	0.210	0.02	0.21
1.25	0.33	0.42	0.56	0.33	99.485	0.557	0.334	0.03	0.42
1.26	0.44	0.62	1.00	0.46	99.448	0.995	0.460	0.04	0.62
1.27	0.55	0.81	1.55	0.58	99.410	1.542	0.584	0.05	0.81
1.28	0.65	1.01	2.20	0.71	99.372	2.187	0.710	0.06	1.01
1.29	0.76	1.21	2.96	0.84	99.333	2.942	0.838	0.08	1.21
1.30	0.87	1.40	3.83	0.97	99.294	3.806	0.966	0.09	1.40
1.31	0.98	1.59	4.81	1.09	99.253	4.779	1.093	0.11	1.59
1.32	1.09	1.90	5.90	1.24	99.212	5.860	1.242	0.13	1.90
1.33	1.20	2.33	7.10	1.43	99.171	7.050	1.425	0.15	2.33
1.34	1.31	2.75	8.41	1.63	99.129	8.349	1.631	0.17	2.75
1.35	1.42	3.16	9.83	1.85	99.087	9.756	1.852	0.19	3.16
1.36	1.53	3.58	11.36	2.09	99.044	11.271	2.084	0.22	3.58
1.37	1.64	3.99	13.00	2.33	99.000	12.895	2.324	0.24	3.99
1.38	1.75	4.40	14.75	2.57	98.956	14.627	2.570	0.27	4.40
1.39	1.86	4.80	16.61	2.82	98.911	16.466	2.819	0.30	4.80
1.40	1.98	5.20	18.59	3.07	98.864	18.424	3.072	0.33	5.20
1.41	2.34	5.34	20.93	3.33	98.816	20.736	3.325	0.41	5.34
1.42	2.86	5.48	23.79	3.59	98.766	23.561	3.583	0.52	5.48
1.43	3.23	5.62	27.02	3.83	98.715	26.749	3.826	0.62	5.62
1.44	3.46	5.75	30.48	4.05	98.661	30.163	4.044	0.69	5.75
1.45	3.54	5.89	34.02	4.24	98.605	33.654	4.235	0.73	5.89
1.46	3.48	6.88	37.50	4.48	98.546	37.083	4.480	0.75	6.88
1.47	3.27	7.87	40.77	4.76	98.484	40.304	4.751	0.73	7.87
1.48	2.92	8.85	43.69	5.03	98.419	43.177	5.024	0.68	8.85
1.49	2.42	9.82	46.11	5.28	98.351	45.557	5.274	0.59	9.82
1.50	1.77	10.79	47.88	5.48	98.279	47.297	5.477	0.45	10.79
1.51	1.38	11.71	49.26	5.66	98.203	48.652	5.651	0.37	11.71
1.52	1.34	12.63	50.60	5.84	98.124	49.967	5.834	0.37	12.63
1.53	1.30	13.53	51.90	6.04	98.040	51.242	6.026	0.38	13.53
1.54	1.25	14.37	53.15	6.23	97.951	52.466	6.220	0.38	14.37
1.55	1.20	15.14	54.35	6.43	97.858	53.640	6.416	0.38	15.14
1.56	1.16	15.86	55.51	6.63	97.760	54.774	6.611	0.39	15.86
1.57	1.11	16.58	56.62	6.82	97.656	55.858	6.805	0.39	16.58
1.58	1.06	17.30	57.68	7.01	97.548	56.892	6.995	0.39	17.30
1.59	1.01	18.02	58.69	7.20	97.433	57.876	7.183	0.38	18.02
1.60	0.96	18.73	59.65	7.39	97.313	58.811	7.366	0.38	18.73
1.61	0.95	19.41	60.60	7.58	97.186	59.734	7.553	0.40	19.41
1.62	0.97	20.08	61.57	7.77	97.053	60.675	7.747	0.42	20.08
1.63	0.98	20.74	62.55	7.98	96.914	61.625	7.947	0.45	20.74
1.64	0.98	21.40	63.53	8.18	96.768	62.573	8.151	0.47	21.40
1.65	0.96	22.06	64.49	8.39	96.614	63.501	8.354	0.48	22.06
1.66	0.94	22.74	65.43	8.60	96.453	64.407	8.557	0.49	22.74
1.67	0.90	23.43	66.33	8.80	96.285	65.274	8.754	0.50	23.43
1.68	0.85	24.10	67.18	8.99	96.109	66.091	8.944	0.49	24.10
1.69	0.80	24.78	67.98	9.18	95.804	66.857	9.126	0.50	24.78
1.70	0.73	25.45	68.71	9.35	95.587	67.595	9.294	0.48	25.45
1.71	.69	25.73	69.40	9.51	95.353	68.213	9.453	.38	25.73
1.72	.68	26.01	70.08	9.67	95.104	68.860	9.608	.49	26.01

1.73	0.68	26.28	70.76	9.83	94.843	69.505	9.763	0.62	26.28
1.74	0.68	26.56	71.44	9.99	94.575	70.148	9.917	0.55	26.56
1.75	0.67	26.83	72.11	10.15	94.301	70.780	10.068	0.57	26.83
1.76	0.67	28.21	72.78	10.31	94.025	71.410	10.228	0.59	28.21
1.77	0.67	29.57	73.45	10.49	93.750	72.038	10.396	0.62	29.57
1.78	0.68	30.93	74.13	10.68	93.486	72.673	10.576	0.66	30.93
1.79	0.68	32.28	74.81	10.87	93.233	73.307	10.764	0.68	32.28
1.80	0.68	33.62	75.49	11.08	92.983	73.940	10.959	0.71	33.62
1.81	0.69	34.83	76.18	11.29	92.725	74.580	11.164	0.74	34.83
1.82	0.69	36.04	76.87	11.52	92.451	75.217	11.375	0.77	36.04
1.83	0.69	37.23	77.56	11.75	92.151	75.853	11.592	0.80	37.23
1.84	0.69	38.42	78.25	11.98	91.815	76.487	11.814	0.84	38.42
1.85	0.69	39.61	78.94	12.22	91.435	77.118	12.041	0.88	39.61
1.86	0.69	39.75	79.63	12.46	91.000	77.746	12.265	0.92	39.75
1.87	0.69	39.90	80.32	12.70	90.526	78.370	12.485	0.97	39.90
1.88	0.69	40.04	81.01	12.93	90.037	78.992	12.702	1.02	40.04
1.89	0.69	40.18	81.70	13.16	89.535	79.609	12.915	1.07	40.18
1.90	0.68	40.33	82.38	13.38	89.021	80.215	13.122	1.11	40.33
1.91	0.67	40.46	83.05	13.60	88.499	80.808	13.323	1.14	40.46
1.92	0.64	40.60	83.69	13.81	87.969	81.371	13.511	1.14	40.60
1.93	0.61	40.73	84.30	14.00	87.436	81.904	13.689	1.14	40.73
1.94	0.59	40.86	84.89	14.19	86.899	82.417	13.858	1.15	40.86
1.95	0.56	41.00	85.45	14.37	86.362	82.900	14.016	1.13	41.00
1.96	0.54	41.93	85.99	14.54	85.827	83.364	14.171	1.13	41.93
1.97	0.53	42.86	86.52	14.71	85.296	83.816	14.326	1.15	42.86
1.98	0.51	43.78	87.03	14.88	84.771	84.248	14.477	1.15	43.78
1.99	0.50	44.70	87.53	15.05	84.255	84.669	14.628	1.17	44.70
2.00	0.48	45.61	88.01	15.22	83.748	85.071	14.774	1.16	45.61
2.01	0.47	46.38	88.48	15.39	83.495	85.464	14.919	1.15	46.38
2.02	0.46	47.15	88.93	15.55	82.993	85.837	15.059	1.13	47.15
2.03	0.42	47.91	89.35	15.70	82.493	86.184	15.191	1.09	47.91
2.04	0.40	48.66	89.75	15.84	81.996	86.512	15.318	1.07	48.66
2.05	0.37	49.42	90.12	15.98	81.499	86.813	15.437	1.01	49.42
2.06	0.34	50.06	90.46	16.11	81.004	87.089	15.546	0.96	50.06
2.07	0.31	50.70	90.77	16.23	80.510	87.338	15.647	0.90	50.70
2.08	0.27	51.33	91.04	16.33	80.016	87.554	15.735	0.80	51.33
2.09	0.24	51.97	91.28	16.43	79.521	87.745	15.814	0.73	51.97
2.10	0.20	52.59	91.48	16.51	79.027	87.903	15.880	0.62	52.59
2.11	0.17	53.25	91.65	16.57	78.531	88.037	15.936	0.54	53.25
2.12	0.16	53.91	91.81	16.64	78.034	88.162	15.990	0.52	53.91
2.13	0.16	54.57	91.97	16.70	77.535	88.286	16.044	0.53	54.57
2.14	0.15	55.22	92.12	16.77	77.034	88.401	16.096	0.51	55.22
2.15	0.14	55.87	92.26	16.83	76.530	88.508	16.144	0.49	55.87
2.16	0.14	56.51	92.40	16.89	76.024	88.615	16.192	0.50	56.51
2.17	0.13	57.15	92.53	16.94	75.514	88.713	16.238	0.47	57.15
2.18	0.13	57.79	92.66	17.00	75.000	88.810	16.283	0.48	57.79
2.19	0.13	58.43	92.79	17.06	74.476	88.907	16.329	0.49	58.43
2.20	0.13	59.06	92.92	17.12	73.937	89.003	16.375	0.50	59.06
2.21	0.13	59.75	93.05	17.18	73.382	89.099	16.422	0.51	59.75
2.22	0.13	60.43	93.18	17.24	72.815	89.193	16.468	0.52	60.43
2.23	0.13	61.11	93.31	17.30	72.235	89.287	16.515	0.53	61.11
2.24	0.13	61.78	93.44	17.36	71.643	89.381	16.562	0.55	61.78
2.25	0.14	62.46	93.58	17.43	71.041	89.480	16.613	0.60	62.46
2.26	0.14	63.13	93.72	17.50	70.429	89.579	16.665	0.61	63.13
2.27	0.15	63.79	93.87	17.57	69.808	89.683	16.720	0.67	63.79
2.28	0.16	64.46	94.03	17.65	69.180	89.794	16.779	0.73	64.46
2.29	0.17	65.12	94.20	17.74	68.545	89.910	16.841	0.79	65.12
2.30	0.17	65.77	94.37	17.82	67.905	90.026	16.904	0.81	65.77
2.31	0.20	65.97	94.57	17.92	67.260	90.160	16.977	0.97	65.97
2.32	0.20	66.16	94.77	18.03	66.611	90.294	17.050	0.99	66.16
2.33	0.20	66.35	94.97	18.13	65.960	90.426	17.122	1.01	66.35
2.34	0.20	66.55	95.17	18.23	65.307	90.556	17.193	1.03	66.55

2.35	0.20	66.74	95.37	18.33	64.653	90.686	17.264	1.05	66.74
2.36	0.19	66.93	95.56	18.43	64.000	90.807	17.330	1.01	66.93
2.37	0.19	67.12	95.75	18.52	63.332	90.927	17.396	1.03	67.12
2.38	0.19	67.31	95.94	18.62	62.638	91.046	17.461	1.05	67.31
2.39	0.19	67.49	96.13	18.72	61.920	91.164	17.526	1.07	67.49
2.40	0.19	67.68	96.32	18.81	61.183	91.280	17.590	1.09	67.68
2.41	0.19	67.87	96.51	18.91	60.431	91.395	17.653	1.11	67.87
2.42	0.19	68.05	96.70	19.01	59.667	91.509	17.715	1.14	68.05
2.43	0.19	68.24	96.89	19.10	58.895	91.620	17.777	1.16	68.24
2.44	0.19	68.42	97.08	19.20	58.119	91.731	17.838	1.18	68.42
2.45	0.19	68.60	97.27	19.30	57.344	91.840	17.898	1.20	68.60
2.46	0.19	70.48	97.46	19.40	56.572	91.947	17.960	1.22	70.48
2.47	0.19	72.35	97.65	19.50	55.808	92.053	18.022	1.24	72.35
2.48	0.18	74.21	97.83	19.60	55.056	92.152	18.083	1.20	74.21
2.49	0.18	76.07	98.01	19.70	54.319	92.250	18.144	1.22	76.07
2.50	0.18	77.92	98.19	19.81	53.601	92.347	18.207	1.24	77.92
2.51	0.18	79.76	98.37	19.92	52.906	92.442	18.270	1.26	79.76
2.52	0.18	81.59	98.55	20.03	52.239	92.536	18.334	1.27	81.59
2.53	0.18	83.42	98.73	20.15	51.602	92.629	18.400	1.29	83.42
2.54	0.18	85.24	98.91	20.27	51.000	92.721	18.466	1.31	85.24
2.55	0.18	87.05	99.09	20.39	50.425	92.811	18.533	1.32	87.05
2.56	0.18	88.85	99.27	20.51	49.864	92.901	18.601	1.34	88.85
2.57	0.18	90.65	99.45	20.64	49.317	92.990	18.670	1.35	90.65
2.58	0.18	92.44	99.63	20.77	48.779	93.078	18.739	1.37	92.44
2.59	0.18	94.22	99.81	20.90	48.249	93.165	18.810	1.38	94.22
2.60	0.18	96.00	99.99	21.04	47.726	93.250	18.881	1.39	96.00

HEAD ASH %	21.04	CLEAN COAL ASH %	18.88	REFUSE ASH %	50.83
THEO. YIELD	96.45	CLEAN COAL YIELD%	93.25	REFUSE YIELD%	6.75
SG OF SEPARATION	2.407	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	3.806	IMPERFECTION	0.382		
ORGANIC EFFCY.	96.68				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 42 WID: WA1 EQUIPE WOC2 SG-ASH -0.00 EP 1.100 SG 0.00
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	1.10	0.44	1.10	0.44	99.521	1.095	0.440	0.04	0.44
1.25	1.17	0.87	2.27	0.66	99.485	2.259	0.662	0.05	0.87
1.26	1.24	1.30	3.51	0.89	99.448	3.492	0.887	0.05	1.30
1.27	1.30	1.72	4.81	1.11	99.410	4.784	1.112	0.06	1.72
1.28	1.37	2.14	6.18	1.34	99.372	6.146	1.340	0.07	2.14
1.29	1.43	2.55	7.61	1.57	99.333	7.566	1.567	0.07	2.55
1.30	1.48	2.96	9.09	1.79	99.294	9.036	1.794	0.08	2.96
1.31	1.54	3.37	10.63	2.02	99.253	10.564	2.022	0.09	3.37
1.32	1.59	3.79	12.22	2.25	99.212	12.142	2.251	0.10	3.79
1.33	1.63	4.21	13.85	2.48	99.171	13.758	2.482	0.10	4.21
1.34	1.68	4.62	15.53	2.71	99.129	15.423	2.712	0.11	4.62
1.35	1.72	5.04	17.25	2.95	99.087	17.128	2.944	0.12	5.04
1.36	1.76	5.45	19.01	3.18	99.044	18.871	3.176	0.13	5.45
1.37	1.79	5.85	20.80	3.41	99.000	20.643	3.405	0.14	5.85
1.38	1.83	6.26	22.63	3.64	98.956	22.454	3.635	0.15	6.26
1.39	1.86	6.66	24.49	3.87	98.911	24.294	3.864	0.15	6.66
1.40	1.88	7.06	26.37	4.10	98.864	26.152	4.092	0.16	7.06
1.41	2.14	7.33	28.51	4.34	98.816	28.267	4.334	0.19	7.33
1.42	2.54	7.61	31.05	4.61	98.766	30.776	4.601	0.24	7.61
1.43	2.83	7.88	33.88	4.88	98.715	33.569	4.874	0.28	7.88
1.44	3.00	8.16	36.88	5.15	98.661	36.529	5.140	0.31	8.16
1.45	3.04	8.43	39.92	5.40	98.605	39.527	5.390	0.32	8.43
1.46	2.97	8.27	42.89	5.66	98.546	42.453	5.657	0.33	8.27
1.47	2.78	10.10	45.67	5.93	98.484	45.191	5.926	0.32	10.10
1.48	2.46	10.93	48.13	6.19	98.419	47.612	6.181	0.30	10.93
1.49	2.03	11.75	50.16	6.41	98.351	49.609	6.405	0.26	11.75
1.50	1.48	12.57	51.64	6.59	98.279	51.063	6.580	0.19	12.57
1.51	1.11	13.48	52.75	6.74	98.203	52.154	6.725	0.15	13.48
1.52	1.01	14.37	53.76	6.88	98.124	53.145	6.867	0.14	14.37
1.53	0.91	15.27	54.67	7.02	98.040	54.037	7.006	0.14	15.27
1.54	0.83	16.15	55.50	7.16	97.951	54.850	7.141	0.13	16.15
1.55	0.75	17.04	56.25	7.29	97.858	55.584	7.272	0.12	17.04
1.56	0.68	17.89	56.93	7.41	97.760	56.248	7.398	0.12	17.89
1.57	0.62	18.75	57.55	7.64	97.656	56.854	7.519	0.11	18.75
1.58	0.57	19.59	58.12	7.65	97.548	57.410	7.635	0.11	19.59
1.59	0.52	20.44	58.64	7.77	97.433	57.917	7.747	0.10	20.44
1.60	0.49	21.27	59.13	7.88	97.313	58.393	7.858	0.10	21.27
1.61	0.48	22.13	59.61	7.99	97.186	58.860	7.971	0.10	22.13
1.62	0.49	22.97	60.10	8.12	97.053	59.335	8.091	0.11	22.97
1.63	0.50	23.82	60.60	8.25	96.914	59.820	8.219	0.12	23.82
1.64	0.49	24.65	61.09	8.38	96.768	60.294	8.348	0.12	24.65
1.65	0.48	25.49	61.57	8.51	96.614	60.758	8.479	0.12	25.49
1.66	0.47	26.36	62.04	8.65	96.453	61.211	8.611	0.13	26.36
1.67	0.45	27.24	62.49	8.78	96.285	61.645	8.742	0.13	27.24
1.68	0.42	28.11	62.91	8.91	96.109	62.048	8.868	0.12	28.11
1.69	0.38	28.97	63.29	9.03	95.804	62.412	8.985	0.12	28.97
1.70	0.34	29.83	63.63	9.14	95.587	62.737	9.093	0.11	29.83
1.71	0.32	30.44	63.95	9.25	95.353	63.042	9.197	0.11	30.44
1.72	0.32	31.05	64.27	9.36	95.104	63.347	9.302	0.12	31.05

1.73	0.31	31.66	64.58	9.46	94.843	63.641	9.405	0.12	31.66
1.74	0.31	32.26	64.89	9.57	94.575	63.934	9.510	0.13	32.26
1.75	0.31	32.86	65.20	9.68	94.301	64.226	9.616	0.13	32.86
1.76	0.31	34.05	65.51	9.80	94.025	64.518	9.726	0.14	34.05
1.77	0.30	35.22	65.81	9.91	93.750	64.799	9.837	0.14	35.22
1.78	0.30	36.40	66.11	10.03	93.486	65.079	9.952	0.15	36.40
1.79	0.29	37.56	66.40	10.15	93.233	65.350	10.066	0.15	37.56
1.80	0.29	38.72	66.69	10.28	92.983	65.619	10.184	0.16	38.72
1.81	0.29	39.69	66.98	10.41	92.725	65.888	10.304	0.16	39.69
1.82	0.29	40.61	67.27	10.54	92.451	66.156	10.427	0.17	40.61
1.83	0.28	41.45	67.55	10.66	92.151	66.414	10.547	0.17	41.45
1.84	0.28	42.19	67.83	10.79	91.815	66.672	10.669	0.18	42.19
1.85	0.28	42.81	68.11	10.93	91.435	66.928	10.792	0.18	42.81
1.86	0.27	43.36	68.38	11.05	91.000	67.173	10.911	0.19	43.36
1.87	0.27	43.90	68.65	11.18	90.526	67.418	11.031	0.20	43.90
1.88	0.26	44.44	68.91	11.31	90.037	67.652	11.147	0.20	44.44
1.89	0.26	44.97	69.17	11.44	89.535	67.885	11.263	0.21	44.97
1.90	0.25	45.50	69.42	11.56	89.021	68.107	11.374	0.21	45.50
1.91	0.24	46.06	69.66	11.68	88.499	68.320	11.482	0.21	46.06
1.92	0.22	46.61	69.88	11.79	87.969	68.513	11.582	0.20	46.61
1.93	0.21	47.17	70.09	11.89	87.436	68.697	11.677	0.20	47.17
1.94	0.20	47.71	70.29	11.99	86.899	68.870	11.768	0.20	47.71
1.95	0.19	48.26	70.48	12.09	86.362	69.035	11.854	0.20	48.26
1.96	0.19	48.80	70.67	12.19	85.827	69.198	11.941	0.21	48.80
1.97	0.18	49.34	70.85	12.29	85.296	69.351	12.024	0.20	49.34
1.98	0.17	49.88	71.02	12.38	84.771	69.495	12.103	0.20	49.88
1.99	0.17	50.42	71.19	12.47	84.255	69.639	12.182	0.20	50.42
2.00	0.16	50.95	71.35	12.55	83.748	69.773	12.256	0.20	50.95
2.01	0.16	51.47	71.51	12.64	83.495	69.906	12.331	0.20	51.47
2.02	0.15	51.98	71.66	12.72	82.993	70.031	12.401	0.19	51.98
2.03	0.15	52.50	71.81	12.81	82.493	70.154	12.472	0.20	52.50
2.04	0.15	53.01	71.96	12.89	81.996	70.277	12.543	0.21	53.01
2.05	0.15	53.52	72.11	12.97	81.499	70.400	12.614	0.21	53.52
2.06	0.15	54.02	72.26	13.06	81.004	70.521	12.686	0.22	54.02
2.07	0.15	54.53	72.41	13.14	80.510	70.642	12.757	0.22	54.53
2.08	0.16	55.03	72.57	13.24	80.016	70.770	12.834	0.24	55.03
2.09	0.16	55.53	72.73	13.33	79.521	70.897	12.910	0.25	55.53
2.10	0.16	56.02	72.89	13.42	79.027	71.024	12.987	0.26	56.02
2.11	0.16	56.41	73.05	13.52	78.531	71.149	13.064	0.26	56.41
2.12	0.14	56.79	73.19	13.60	78.034	71.258	13.131	0.23	56.79
2.13	0.12	57.17	73.31	13.67	77.535	71.352	13.188	0.21	57.17
2.14	0.11	57.55	73.42	13.74	77.034	71.436	13.241	0.19	57.55
2.15	0.09	57.93	73.51	13.79	76.530	71.505	13.284	0.16	57.93
2.16	0.08	58.30	73.59	13.84	76.024	71.566	13.322	0.15	58.30
2.17	0.08	58.67	73.67	13.89	75.514	71.626	13.360	0.15	58.67
2.18	0.07	59.05	73.74	13.93	75.000	71.679	13.394	0.13	59.05
2.19	0.07	59.42	73.81	13.97	74.476	71.731	13.427	0.14	59.42
2.20	0.06	59.79	73.87	14.01	73.937	71.775	13.456	0.12	59.79
2.21	0.06	60.58	73.93	14.05	73.382	71.819	13.485	0.12	60.58
2.22	0.07	61.38	74.00	14.09	72.815	71.870	13.519	0.15	61.38
2.23	0.07	62.17	74.07	14.14	72.235	71.921	13.553	0.15	62.17
2.24	0.08	62.96	74.15	14.19	71.643	71.978	13.592	0.17	62.96
2.25	0.09	63.74	74.24	14.25	71.041	72.042	13.637	0.20	63.74
2.26	0.10	64.52	74.34	14.32	70.429	72.113	13.686	0.23	64.52
2.27	0.11	65.30	74.45	14.40	69.808	72.189	13.741	0.25	65.30
2.28	0.12	66.07	74.57	14.48	69.180	72.272	13.801	0.28	66.07
2.29	0.14	66.84	74.71	14.58	68.545	72.368	13.872	0.34	66.84
2.30	0.16	67.61	74.87	14.69	67.905	72.477	13.952	0.39	67.61
2.31	0.89	68.28	75.76	15.32	67.260	73.076	14.397	2.23	68.28
2.32	0.89	68.94	76.65	15.94	66.611	73.668	14.836	2.27	68.94
2.33	0.88	69.60	77.53	16.55	65.960	74.249	15.264	.29	69.60
2.34	0.88	70.25	78.41	17.15	65.307	74.824	15.687	.33	70.25

2.35	0.87	70.90	79.28	17.74	64.653	75.386	16.099	2.35	70.90
2.36	0.87	71.55	80.15	18.33	64.000	75.943	16.505	2.39	71.55
2.37	0.87	72.20	81.02	18.91	63.332	76.494	16.907	2.44	72.20
2.38	0.86	72.84	81.88	19.47	62.698	77.033	17.298	2.46	72.84
2.39	0.86	73.49	82.74	20.03	61.920	77.565	17.683	2.50	73.49
2.40	0.86	74.13	83.60	20.59	61.183	78.091	18.064	2.55	74.13
2.41	0.85	74.76	84.45	21.14	60.431	78.605	18.434	2.57	74.76
2.42	0.85	75.40	85.30	21.68	59.667	79.112	18.800	2.62	75.40
2.43	0.85	76.03	86.15	22.21	58.895	79.613	19.159	2.67	76.03
2.44	0.84	76.66	86.99	22.74	58.119	80.101	19.510	2.69	76.66
2.45	0.84	77.28	87.83	23.26	57.344	80.583	19.855	2.74	77.28
2.46	0.84	78.56	88.67	23.78	56.572	81.058	20.199	2.79	78.56
2.47	0.83	79.84	89.50	24.30	55.808	81.521	20.538	2.80	79.84
2.48	0.83	81.12	90.33	24.83	55.056	81.978	20.876	2.85	81.12
2.49	0.83	82.38	91.16	25.35	54.319	82.429	21.212	2.90	82.38
2.50	0.82	83.65	91.98	25.87	53.601	82.868	21.544	2.91	83.65
2.51	0.82	84.90	92.80	26.39	52.906	83.302	21.874	2.95	84.90
2.52	0.82	86.16	93.62	26.92	52.239	83.731	22.202	2.99	86.16
2.53	0.81	87.40	94.43	27.43	51.602	84.148	22.526	3.00	87.40
2.54	0.81	88.65	95.24	27.95	51.000	84.562	22.849	3.03	88.65
2.55	0.81	89.88	96.05	28.48	50.425	84.970	23.172	3.07	89.88
2.56	0.80	91.12	96.85	28.99	49.864	85.369	23.489	3.06	91.12
2.57	0.80	92.34	97.65	29.51	49.317	85.763	23.806	3.10	92.34
2.58	0.80	93.57	98.45	30.03	48.779	86.154	24.122	3.13	93.57
2.59	0.79	94.79	99.24	30.55	48.249	86.535	24.433	3.12	94.79
2.60	0.79	96.00	100.03	31.07	47.726	86.912	24.744	3.16	96.00

HEAD ASH %	31.07	CLEAN COAL ASH %	24.74	REFUSE ASH %	73.05
THEO. YIELD	90.20	CLEAN COAL YIELD%	86.91	REFUSE YIELD%	13.09
SG OF SEPARATION	2.478	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	16.580	IMPERFECTION	0.382		
ORGANIC EFFCY.	96.36				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 43 WID: WA1 EQUIPE WOC2 SG-ASH 0.00 EP 1.000 SG 0.00

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.20 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.33	0.05	0.33	0.05	99.521	0.328	0.050	0.02	0.05
1.25	0.40	0.08	0.73	0.07	99.485	0.726	0.066	0.02	0.08
1.26	0.48	0.12	1.21	0.09	99.448	1.204	0.088	0.03	0.12
1.27	0.56	0.15	1.77	0.11	99.410	1.760	0.107	0.04	0.15
1.28	0.65	0.18	2.42	0.13	99.372	2.406	0.127	0.05	0.18
1.29	0.74	0.22	3.16	0.15	99.333	3.141	0.149	0.06	0.22
1.30	0.84	0.25	4.00	0.17	99.294	3.975	0.170	0.07	0.25
1.31	0.95	0.29	4.95	0.19	99.253	4.918	0.193	0.08	0.29
1.32	1.05	0.73	6.00	0.29	99.212	5.960	0.287	0.10	0.73
1.33	1.17	1.58	7.17	0.50	99.171	7.120	0.498	0.12	1.58
1.34	1.28	2.43	8.45	0.79	99.129	8.389	0.790	0.13	2.43
1.35	1.41	3.27	9.86	1.15	99.087	9.786	1.144	0.15	3.27
1.36	1.53	4.10	11.39	1.54	99.044	11.302	1.540	0.17	4.10
1.37	1.67	4.93	13.06	1.98	99.000	12.955	1.973	0.20	4.93
1.38	1.80	5.75	14.86	2.43	98.956	14.736	2.429	0.22	5.75
1.39	1.94	6.56	16.80	2.91	98.911	16.655	2.905	0.25	6.56
1.40	2.09	7.37	18.89	3.40	98.864	18.721	3.398	0.28	7.37
1.41	2.33	7.78	21.22	3.88	98.816	21.024	3.878	0.33	7.78
1.42	2.61	8.18	23.83	4.35	98.766	23.602	4.348	0.38	8.18
1.43	2.81	8.57	26.64	4.80	98.715	26.375	4.792	0.43	8.57
1.44	2.95	8.97	29.59	5.21	98.661	29.286	5.207	0.47	8.97
1.45	3.03	9.36	32.62	5.60	98.605	32.274	5.592	0.50	9.36
1.46	3.03	10.21	35.65	5.99	98.546	35.260	5.983	0.52	10.21
1.47	2.96	11.05	38.61	6.38	98.484	38.175	6.370	0.53	11.05
1.48	2.83	11.89	41.44	6.76	98.419	40.960	6.745	0.53	11.89
1.49	2.63	12.72	44.07	7.11	98.351	43.547	7.100	0.52	12.72
1.50	2.35	13.54	46.42	7.44	98.279	45.856	7.424	0.48	13.54
1.51	2.20	14.28	48.62	7.75	98.203	48.017	7.733	0.47	14.28
1.52	2.18	15.02	50.80	8.06	98.124	50.156	8.044	0.49	15.02
1.53	2.15	15.74	52.95	8.37	98.040	52.264	8.354	0.50	15.74
1.54	2.08	16.47	55.03	8.68	97.951	54.301	8.658	0.51	16.47
1.55	1.99	17.19	57.02	8.97	97.858	56.248	8.954	0.51	17.19
1.56	1.88	18.05	58.90	9.26	97.760	58.086	9.242	0.50	18.05
1.57	1.74	18.90	60.64	9.54	97.656	59.785	9.516	0.49	18.90
1.58	1.58	19.75	62.22	9.80	97.548	61.327	9.773	0.46	19.75
1.59	1.40	20.59	63.62	10.04	97.433	62.691	10.009	0.43	20.59
1.60	1.18	21.43	64.80	10.24	97.313	63.839	10.214	0.38	21.43
1.61	1.04	22.30	65.84	10.43	97.186	64.850	10.403	0.35	22.30
1.62	0.99	23.17	66.83	10.62	97.053	65.811	10.589	0.35	23.17
1.63	0.93	24.03	67.76	10.81	96.914	66.712	10.771	0.34	24.03
1.64	0.88	24.88	68.64	10.99	96.768	67.564	10.948	0.34	24.88
1.65	0.82	25.73	69.46	11.16	96.614	68.356	11.120	0.33	25.73
1.66	0.76	26.40	70.22	11.33	96.453	69.089	11.282	0.32	26.40
1.67	0.70	27.06	70.92	11.48	96.285	69.763	11.434	0.31	27.06
1.68	0.64	27.73	71.56	11.63	96.109	70.378	11.577	0.30	27.73
1.69	0.58	28.38	72.14	11.76	95.804	70.934	11.708	0.29	28.38
1.70	0.52	29.04	72.66	11.89	95.687	71.431	11.829	0.27	29.04
1.71	0.49	29.70	73.15	12.00	95.353	71.898	11.945	27	29.70
1.72	0.49	30.35	73.64	12.13	95.104	72.364	12.064	29	30.35

1.73	0.49	31.00	74.13	12.25	94.843	72.829	12.184	0.30	31.00
1.74	0.49	31.65	74.62	12.38	94.575	73.292	12.307	0.32	31.65
1.75	0.47	32.30	75.09	12.50	94.301	73.735	12.428	0.32	32.30
1.76	0.46	33.11	75.65	12.63	94.025	74.168	12.548	0.33	33.11
1.77	0.44	33.92	76.99	12.75	93.750	74.580	12.666	0.33	33.92
1.78	0.41	34.73	76.40	12.87	93.486	74.964	12.779	0.32	34.73
1.79	0.38	35.53	76.78	12.98	93.233	75.318	12.886	0.31	35.53
1.80	0.34	36.32	77.12	13.09	92.983	75.634	12.984	0.28	36.32
1.81	0.32	37.05	77.44	13.18	92.725	75.931	13.078	0.28	37.05
1.82	0.32	37.78	77.76	13.29	92.451	76.227	13.174	0.29	37.78
1.83	0.32	38.50	78.08	13.39	92.151	76.521	13.272	0.30	38.50
1.84	0.31	39.22	78.39	13.49	91.815	76.806	13.368	0.30	39.22
1.85	0.31	39.93	78.70	13.60	91.435	77.089	13.466	0.32	39.93
1.86	0.30	40.54	79.00	13.70	91.000	77.362	13.561	0.32	40.54
1.87	0.30	41.14	79.30	13.80	90.526	77.634	13.658	0.34	41.14
1.88	0.29	41.73	79.59	13.90	90.037	77.895	13.752	0.34	41.73
1.89	0.29	42.33	79.88	14.01	89.535	78.155	13.847	0.36	42.33
1.90	0.28	42.92	80.16	14.11	89.021	78.404	13.939	0.37	42.92
1.91	0.28	43.29	80.44	14.21	88.499	78.652	14.032	0.38	43.29
1.92	0.27	43.65	80.71	14.31	87.969	78.889	14.121	0.39	43.65
1.93	0.27	44.02	80.98	14.41	87.436	79.125	14.210	0.40	44.02
1.94	0.27	44.38	81.25	14.51	86.899	79.360	14.299	0.42	44.38
1.95	0.27	44.74	81.52	14.61	86.362	79.593	14.388	0.44	44.74
1.96	0.26	45.10	81.78	14.70	85.827	79.816	14.474	0.44	45.10
1.97	0.26	45.46	82.04	14.80	85.296	80.038	14.560	0.46	45.46
1.98	0.26	45.82	82.30	14.90	84.771	80.259	14.646	0.47	45.82
1.99	0.26	46.17	82.56	15.00	84.255	80.478	14.732	0.49	46.17
2.00	0.26	46.52	82.82	15.10	83.748	80.695	14.817	0.50	46.52
2.01	0.25	47.44	83.07	15.19	83.495	80.904	14.902	0.49	47.44
2.02	0.25	48.35	83.32	15.29	82.993	81.112	14.987	0.51	48.35
2.03	0.25	49.26	83.57	15.39	82.493	81.318	15.074	0.52	49.26
2.04	0.25	50.17	83.82	15.50	81.996	81.523	15.162	0.54	50.17
2.05	0.25	51.07	84.07	15.60	81.499	81.727	15.252	0.55	51.07
2.06	0.24	51.96	84.31	15.71	81.004	81.921	15.339	0.54	51.96
2.07	0.24	52.86	84.55	15.81	80.510	82.114	15.427	0.56	52.86
2.08	0.24	53.74	84.79	15.92	80.016	82.306	15.517	0.57	53.74
2.09	0.24	54.63	85.03	16.03	79.521	82.497	15.607	0.59	54.63
2.10	0.24	55.50	85.27	16.14	79.027	82.687	15.699	0.60	55.50
2.11	0.22	56.28	85.49	16.24	78.531	82.860	15.783	0.56	56.28
2.12	0.20	57.05	85.69	16.34	78.034	83.016	15.861	0.52	57.05
2.13	0.18	57.81	85.87	16.43	77.535	83.155	15.931	0.48	57.81
2.14	0.16	58.58	86.03	16.50	77.034	83.278	15.994	0.44	58.58
2.15	0.14	59.33	86.17	16.57	76.530	83.386	16.050	0.39	59.33
2.16	0.13	60.09	86.30	16.64	76.024	83.484	16.102	0.37	60.09
2.17	0.12	60.84	86.42	16.70	75.514	83.575	16.151	0.35	60.84
2.18	0.11	61.59	86.53	16.76	75.000	83.658	16.196	0.33	61.59
2.19	0.10	62.34	86.63	16.81	74.476	83.732	16.237	0.30	62.34
2.20	0.10	63.08	86.73	16.86	73.937	83.806	16.278	0.31	63.08
2.21	0.10	63.79	86.83	16.92	73.382	83.879	16.319	0.32	63.79
2.22	0.10	64.49	86.93	16.97	72.815	83.952	16.361	0.32	64.49
2.23	0.10	65.20	87.03	17.03	72.235	84.024	16.403	0.33	65.20
2.24	0.11	65.90	87.14	17.09	71.643	84.103	16.450	0.37	65.90
2.25	0.12	66.59	87.26	17.16	71.041	84.188	16.500	0.41	66.59
2.26	0.13	67.29	87.39	17.23	70.429	84.280	16.556	0.46	67.29
2.27	0.15	67.98	87.54	17.32	69.808	84.385	16.619	0.54	67.98
2.28	0.16	68.67	87.70	17.41	69.180	84.495	16.688	0.59	68.67
2.29	0.18	69.35	87.88	17.52	68.545	84.619	16.764	0.67	69.35
2.30	0.21	70.03	88.09	17.64	67.905	84.761	16.854	0.80	70.03
2.31	0.42	70.53	88.51	17.90	67.260	85.044	17.032	1.64	70.53
2.32	0.42	71.03	88.93	18.15	66.611	85.324	17.209	1.67	71.03
2.33	0.42	71.52	89.35	18.40	65.960	85.601	17.385	1.70	71.52
2.34	0.42	72.01	89.77	18.65	65.307	85.875	17.560	1.73	72.01

2.35	0.41	72.50	90.18	18.89	64.653	86.140	17.729	1.73	72.50
2.36	0.41	72.99	90.59	19.14	64.000	86.402	17.896	1.76	72.99
2.37	0.41	73.47	91.00	19.38	63.332	86.662	18.063	1.79	73.47
2.38	0.41	73.95	91.41	19.63	62.638	86.919	18.228	1.82	73.95
2.39	0.41	74.43	91.82	19.87	61.920	87.173	18.392	1.86	74.43
2.40	0.41	74.91	92.23	20.12	61.183	87.424	18.554	1.89	74.91
2.41	0.40	75.39	92.63	20.36	60.431	87.665	18.711	1.88	75.39
2.42	0.40	75.86	93.03	20.59	59.667	87.904	18.866	1.92	75.86
2.43	0.40	76.34	93.43	20.83	58.895	88.140	19.019	1.96	76.34
2.44	0.40	76.81	93.83	21.07	58.119	88.372	19.171	1.99	76.81
2.45	0.40	77.28	94.23	21.31	57.344	88.601	19.322	2.03	77.28
2.46	0.40	78.56	94.63	21.55	56.572	88.828	19.473	2.07	78.56
2.47	0.39	79.84	95.02	21.79	55.808	89.045	19.620	2.05	79.84
2.48	0.39	81.11	95.41	22.03	55.056	89.260	19.768	2.09	81.11
2.49	0.39	82.38	95.80	22.28	54.319	89.472	19.917	2.12	82.38
2.50	0.39	83.64	96.19	22.53	53.601	89.681	20.065	2.15	83.64
2.51	0.39	84.90	96.58	22.78	52.906	89.887	20.214	2.19	84.90
2.52	0.39	86.15	96.97	23.04	52.239	90.091	20.363	2.22	86.15
2.53	0.39	87.40	97.36	23.29	51.602	90.292	20.512	2.25	87.40
2.54	0.38	88.64	97.74	23.55	51.000	90.486	20.658	2.22	88.64
2.55	0.38	89.88	98.12	23.80	50.425	90.678	20.805	2.24	89.88
2.56	0.38	91.11	98.50	24.06	49.864	90.867	20.951	2.27	91.11
2.57	0.38	92.34	98.88	24.33	49.317	91.055	21.098	2.29	92.34
2.58	0.38	93.57	99.26	24.59	48.779	91.240	21.245	2.32	93.57
2.59	0.38	94.79	99.64	24.86	48.249	91.423	21.393	2.34	94.79
2.60	0.37	96.00	100.01	25.12	47.726	91.600	21.537	2.30	96.00

HEAD ASH %	25.12	CLEAN COAL ASH %	21.54	REFUSE ASH %	64.22
THEO. YIELD	94.60	CLEAN COAL YIELD%	91.60	REFUSE YIELD%	8.40
SG OF SEPARATION	2.459	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	7.912	IMPERFECTION	0.382		
ORGANIC EFFCY.	96.82				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 45 WID: WA1 EQUIPE WOC2 SG-ASH ***** EP 2.180 SG -.00
---------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 11.10 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL ASH%	CUM. ELEMENTAL SINK WT%	CUM. ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.07	0.03	0.07	0.03	99.521	0.070	0.030	0.00	0.03
1.25	0.17	0.05	0.24	0.04	99.485	0.239	0.044	0.01	0.05
1.26	0.27	0.07	0.51	0.06	99.448	0.507	0.058	0.02	0.07
1.27	0.38	0.08	0.89	0.07	99.410	0.885	0.067	0.03	0.08
1.28	0.49	0.10	1.38	0.08	99.372	1.372	0.079	0.04	0.10
1.29	0.61	0.12	1.99	0.09	99.333	1.978	0.091	0.05	0.12
1.30	0.73	0.14	2.72	0.10	99.294	2.703	0.105	0.07	0.14
1.31	0.85	0.16	3.57	0.12	99.253	3.546	0.118	0.08	0.16
1.32	0.98	0.49	4.55	0.20	99.212	4.519	0.198	0.10	0.49
1.33	1.11	1.14	5.66	0.38	99.171	5.619	0.382	0.12	1.14
1.34	1.25	1.78	6.91	0.64	99.129	6.859	0.635	0.14	1.78
1.35	1.39	2.42	8.30	0.93	99.087	8.236	0.933	0.17	2.42
1.36	1.54	3.06	9.84	1.27	99.044	9.761	1.266	0.19	3.06
1.37	1.69	3.69	11.53	1.62	99.000	11.434	1.620	0.22	3.69
1.38	1.84	4.31	13.37	1.99	98.956	13.255	1.990	0.25	4.31
1.39	2.00	4.93	15.37	2.37	98.911	15.233	2.372	0.29	4.93
1.40	2.16	5.55	17.53	2.77	98.864	17.369	2.762	0.32	5.55
1.41	2.48	5.56	20.01	3.11	98.816	19.819	3.108	0.39	5.56
1.42	2.88	5.58	22.89	3.42	98.766	22.664	3.419	0.47	5.58
1.43	3.18	5.59	26.07	3.69	98.715	25.803	3.683	0.54	5.59
1.44	3.37	5.60	29.44	3.91	98.661	29.128	3.902	0.60	5.60
1.45	3.46	5.62	32.90	4.09	98.605	32.640	4.082	0.64	5.62
1.46	3.45	6.87	36.35	4.35	98.546	35.939	4.346	0.66	6.87
1.47	3.33	8.11	39.68	4.67	98.484	39.219	4.660	0.67	8.11
1.48	3.11	9.35	42.79	5.01	98.419	42.280	5.000	0.65	9.35
1.49	2.79	10.58	45.58	5.35	98.351	45.024	5.340	0.61	10.58
1.50	2.36	11.80	47.94	5.67	98.279	47.343	5.656	0.54	11.80
1.51	2.10	13.02	50.04	5.97	98.203	49.405	5.964	0.50	13.02
1.52	2.07	14.24	52.11	6.30	98.124	51.437	6.291	0.51	14.24
1.53	2.01	15.45	54.12	6.64	98.040	53.407	6.629	0.52	15.45
1.54	1.94	16.65	56.06	6.99	97.951	55.307	6.973	0.52	16.65
1.55	1.85	17.84	57.91	7.33	97.858	57.118	7.317	0.52	17.84
1.56	1.75	18.34	59.66	7.66	97.760	58.829	7.638	0.52	18.34
1.57	1.62	18.83	61.28	7.95	97.656	60.411	7.931	0.50	18.83
1.58	1.47	19.32	62.75	8.22	97.548	61.845	8.195	0.48	19.32
1.59	1.31	19.81	64.06	8.46	97.433	63.121	8.430	0.44	19.81
1.60	1.12	20.29	65.18	8.66	97.313	64.211	8.631	0.40	20.29
1.61	1.01	20.90	66.19	8.85	97.186	65.192	8.816	0.38	20.90
1.62	0.99	21.51	67.18	9.03	97.053	66.153	9.000	0.39	21.51
1.63	0.97	22.12	68.15	9.22	96.914	67.093	9.184	0.40	22.12
1.64	0.94	22.72	69.09	9.40	96.768	68.003	9.365	0.40	22.72
1.65	0.92	23.32	70.01	9.59	96.614	68.892	9.545	0.41	23.32
1.66	0.88	24.02	70.89	9.77	96.453	69.741	9.721	0.41	24.02
1.67	0.85	24.71	71.74	9.94	96.285	70.559	9.895	0.42	24.71
1.68	0.81	25.40	72.55	10.11	96.109	71.337	10.064	0.42	25.40
1.69	0.77	26.09	73.32	10.28	95.804	72.075	10.228	0.43	26.09
1.70	0.73	26.77	74.05	10.45	95.587	72.773	10.387	0.43	26.77
1.71	0.71	27.38	74.76	10.61	95.353	73.450	10.544	0.44	27.38
1.72	0.72	27.99	75.48	10.77	95.104	74.135	10.705	0.47	27.99

1.73	0.72	28.59	76.20	10.94	94.843	74.818	10.868	0.49	28.59
1.74	0.71	29.19	76.91	11.11	94.575	75.489	11.031	0.51	29.19
1.75	0.69	29.79	77.60	11.27	94.301	76.140	11.191	0.52	29.79
1.76	0.66	30.51	78.26	11.44	94.025	76.760	11.348	0.52	30.51
1.77	0.62	31.23	78.88	11.59	93.750	77.342	11.497	0.51	31.23
1.78	0.58	31.94	79.46	11.74	93.486	77.884	11.639	0.50	31.94
1.79	0.52	32.65	79.98	11.88	93.233	78.369	11.769	0.46	32.65
1.80	0.46	33.35	80.44	12.00	92.983	78.796	11.886	0.43	33.35
1.81	0.41	34.01	80.85	12.11	92.725	79.176	11.993	0.39	34.01
1.82	0.39	34.66	81.24	12.22	92.451	79.537	12.095	0.39	34.66
1.83	0.37	35.31	81.61	12.32	92.151	79.878	12.195	0.38	35.31
1.84	0.35	35.95	81.96	12.43	91.815	80.199	12.290	0.38	35.95
1.85	0.33	36.59	82.29	12.52	91.435	80.501	12.381	0.37	36.59
1.86	0.30	37.51	82.59	12.61	91.000	80.774	12.466	0.36	37.51
1.87	0.28	38.42	82.87	12.70	90.526	81.028	12.547	0.35	38.42
1.88	0.26	39.33	83.13	12.78	90.037	81.262	12.624	0.34	39.33
1.89	0.24	40.23	83.37	12.86	89.535	81.477	12.697	0.33	40.23
1.90	0.22	41.13	83.59	12.94	89.021	81.672	12.765	0.32	41.13
1.91	0.21	42.26	83.80	13.01	88.499	81.858	12.832	0.32	42.26
1.92	0.21	43.39	84.01	13.09	87.969	82.043	12.901	0.33	43.39
1.93	0.20	44.51	84.21	13.16	87.436	82.218	12.968	0.33	44.51
1.94	0.20	45.63	84.41	13.24	86.899	82.392	13.037	0.35	45.63
1.95	0.20	46.74	84.61	13.32	86.362	82.564	13.107	0.36	46.74
1.96	0.20	47.84	84.81	13.40	85.827	82.736	13.180	0.37	47.84
1.97	0.20	48.94	85.01	13.48	85.296	82.907	13.253	0.39	48.94
1.98	0.19	50.04	85.20	13.56	84.771	83.068	13.324	0.38	50.04
1.99	0.19	51.12	85.39	13.65	84.255	83.228	13.397	0.39	51.12
2.00	0.19	52.21	85.58	13.73	83.748	83.387	13.471	0.41	52.21
2.01	0.19	52.55	85.77	13.82	83.495	83.546	13.545	0.41	52.55
2.02	0.18	52.88	85.95	13.90	82.993	83.695	13.616	0.40	52.88
2.03	0.18	53.22	86.13	13.98	82.493	83.843	13.686	0.42	53.22
2.04	0.18	53.56	86.31	14.07	81.996	83.991	13.756	0.43	53.56
2.05	0.17	53.89	86.48	14.14	81.499	84.130	13.822	0.42	53.89
2.06	0.17	54.22	86.65	14.22	81.004	84.267	13.888	0.43	54.22
2.07	0.17	54.55	86.82	14.30	80.510	84.404	13.954	0.44	54.55
2.08	0.17	54.88	86.99	14.38	80.016	84.540	14.020	0.45	54.88
2.09	0.16	55.21	87.15	14.46	79.521	84.667	14.082	0.43	55.21
2.10	0.16	55.53	87.31	14.53	79.027	84.794	14.143	0.44	55.53
2.11	0.15	55.81	87.46	14.60	78.531	84.912	14.201	0.43	55.81
2.12	0.14	56.08	87.60	14.67	78.034	85.021	14.255	0.41	56.08
2.13	0.13	56.35	87.73	14.73	77.535	85.122	14.305	0.39	56.35
2.14	0.11	56.62	87.84	14.78	77.034	85.206	14.347	0.33	56.62
2.15	0.11	56.89	87.95	14.83	76.530	85.291	14.389	0.34	56.89
2.16	0.10	57.16	88.05	14.88	76.024	85.367	14.427	0.32	57.16
2.17	0.09	57.42	88.14	14.93	75.514	85.435	14.461	0.29	57.42
2.18	0.09	57.69	88.23	14.97	75.000	85.502	14.495	0.30	57.69
2.19	0.09	57.95	88.32	15.01	74.476	85.569	14.529	0.30	57.95
2.20	0.08	58.21	88.40	15.05	73.937	85.628	14.560	0.28	58.21
2.21	0.08	59.09	88.48	15.09	73.382	85.687	14.590	0.28	59.09
2.22	0.09	59.97	88.57	15.14	72.815	85.752	14.625	0.32	59.97
2.23	0.09	60.84	88.66	15.18	72.235	85.817	14.660	0.33	60.84
2.24	0.10	61.71	88.76	15.24	71.643	85.889	14.699	0.37	61.71
2.25	0.10	62.57	88.86	15.29	71.041	85.960	14.739	0.38	62.57
2.26	0.11	63.44	88.97	15.35	70.429	86.038	14.782	0.43	63.44
2.27	0.12	64.29	89.09	15.42	69.808	86.121	14.831	0.48	64.29
2.28	0.13	65.15	89.22	15.49	69.180	86.211	14.883	0.53	65.15
2.29	0.15	66.00	89.37	15.57	68.545	86.314	14.944	0.62	66.00
2.30	0.16	66.84	89.53	15.66	67.905	86.423	15.009	0.68	66.84
2.31	0.37	67.45	89.90	15.88	67.260	86.672	15.160	1.60	67.45
2.32	0.37	68.05	90.27	16.09	66.611	86.918	15.310	1.63	68.05
2.33	.37	68.65	90.64	16.31	65.960	87.162	15.459	1.66	68.65
2.34	.37	69.25	91.01	16.52	65.307	87.404	15.608	1.69	69.25

2.35	0.36	69.84	91.37	16.73	64.653	87.637	15.752	1.68	69.84
2.36	0.36	70.43	91.73	16.94	64.000	87.867	15.895	1.71	70.43
2.37	0.36	71.02	92.09	17.15	63.332	88.095	16.038	1.74	71.02
2.38	0.36	71.61	92.45	17.37	62.638	88.320	16.180	1.78	71.61
2.39	0.36	72.20	92.81	17.58	61.920	88.543	16.321	1.81	72.20
2.40	0.36	72.78	93.17	17.79	61.183	88.764	16.461	1.84	72.78
2.41	0.35	73.36	93.52	18.00	60.431	88.975	16.596	1.83	73.36
2.42	0.35	73.94	93.87	18.21	59.667	89.184	16.730	1.86	73.94
2.43	0.35	74.51	94.22	18.42	58.895	89.390	16.864	1.90	74.51
2.44	0.35	75.08	94.57	18.63	58.119	89.594	16.996	1.93	75.08
2.45	0.35	75.66	94.92	18.84	57.344	89.794	17.127	1.97	75.66
2.46	0.35	77.05	95.27	19.05	56.572	89.992	17.259	2.01	77.05
2.47	0.35	78.44	95.62	19.27	55.808	90.188	17.391	2.04	78.44
2.48	0.34	79.82	95.96	19.48	55.056	90.375	17.521	2.02	79.82
2.49	0.34	81.20	96.30	19.70	54.319	90.559	17.651	2.05	81.20
2.50	0.34	82.57	96.64	19.92	53.601	90.742	17.781	2.08	82.57
2.51	0.34	83.94	96.98	20.15	52.906	90.922	17.912	2.11	83.94
2.52	0.34	85.30	97.32	20.37	52.239	91.099	18.043	2.14	85.30
2.53	0.34	86.66	97.66	20.60	51.602	91.275	18.175	2.17	86.66
2.54	0.34	88.01	98.00	20.84	51.000	91.448	18.308	2.20	88.01
2.55	0.34	89.35	98.34	21.08	50.425	91.619	18.441	2.22	89.35
2.56	0.33	90.69	98.67	21.31	49.864	91.784	18.570	2.18	90.69
2.57	0.33	92.03	99.00	21.54	49.317	91.947	18.700	2.21	92.03
2.58	0.33	93.36	99.33	21.78	48.778	92.108	18.831	2.23	93.36
2.59	0.33	94.68	99.66	22.02	48.249	92.267	18.961	2.25	94.68
2.60	0.33	96.00	99.99	22.27	47.726	92.424	19.093	2.28	96.00

HEAD ASH %	22.27	CLEAN COAL ASH %	18.09	REFUSE ASH %	61.01
THEO. YIELD	95.34	CLEAN COAL YIELD%	92.42	REFUSE YIELD%	7.58
SG OF SEPARATION	2.462	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	6.934	IMPERFECTION	0.382		
ORGANIC EFFCY.	96.94				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 46 WID: WA1 EQUIPE WOC2 SG-ASH 0.00 EP19.000 SG 0.00
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 21.52 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	1.19	0.26	1.19	0.26	99.521	1.184	0.260	0.17	0.26
1.25	1.18	0.51	2.37	0.38	99.485	2.358	0.384	0.18	0.51
1.26	1.17	0.76	3.54	0.51	99.448	3.522	0.509	0.19	0.76
1.27	1.16	1.01	4.70	0.63	99.410	4.675	0.632	0.21	1.01
1.28	1.15	1.25	5.85	0.75	99.372	5.818	0.754	0.22	1.25
1.29	1.15	1.49	7.00	0.87	99.333	6.960	0.874	0.23	1.49
1.30	1.14	1.74	8.14	1.00	99.294	8.092	0.996	0.24	1.74
1.31	1.13	1.97	9.27	1.11	99.253	9.214	1.114	0.25	1.97
1.32	1.12	2.24	10.39	1.24	99.212	10.325	1.235	0.27	2.24
1.33	1.11	2.53	11.50	1.36	99.171	11.426	1.360	0.28	2.53
1.34	1.10	2.81	12.60	1.49	99.129	12.516	1.486	0.29	2.81
1.35	1.09	3.09	13.69	1.61	99.087	13.596	1.614	0.30	3.09
1.36	1.09	3.38	14.78	1.75	99.044	14.676	1.744	0.31	3.38
1.37	1.08	3.66	15.86	1.88	99.000	15.745	1.874	0.32	3.66
1.38	1.07	3.93	16.93	2.01	98.956	16.804	2.003	0.34	3.93
1.39	1.06	4.21	17.99	2.14	98.911	17.852	2.133	0.35	4.21
1.40	1.06	4.48	19.05	2.27	98.864	18.900	2.263	0.36	4.48
1.41	3.70	4.53	22.75	2.63	98.816	22.556	2.631	1.32	4.53
1.42	4.60	4.58	27.35	2.96	98.766	27.099	2.957	1.71	4.58
1.43	5.25	4.63	32.60	3.23	98.715	32.282	3.226	2.03	4.63
1.44	5.67	4.68	38.27	3.44	98.661	37.876	3.441	2.28	4.68
1.45	5.84	4.73	44.11	3.61	98.605	43.635	3.611	2.45	4.73
1.46	5.78	5.66	49.89	3.85	98.546	49.331	3.847	2.53	5.66
1.47	5.48	6.59	55.37	4.12	98.484	54.727	4.118	2.50	6.59
1.48	4.94	7.52	60.31	4.40	98.419	59.589	4.395	2.35	7.52
1.49	4.16	8.44	64.47	4.66	98.351	63.681	4.655	2.06	8.44
1.50	3.15	9.35	67.62	4.88	98.279	66.777	4.873	1.63	9.35
1.51	2.52	10.43	70.14	5.08	98.203	69.251	5.072	1.36	10.43
1.52	2.41	11.50	72.55	5.29	98.124	71.616	5.284	1.36	11.50
1.53	2.29	12.56	74.84	5.52	98.040	73.861	5.505	1.35	12.56
1.54	2.15	13.62	76.99	5.74	97.951	75.967	5.730	1.32	13.62
1.55	1.98	14.67	78.97	5.97	97.858	77.905	5.952	1.28	14.67
1.56	1.80	15.18	80.77	6.17	97.760	79.664	6.156	1.21	15.18
1.57	1.59	15.69	82.36	6.35	97.656	81.217	6.338	1.12	15.69
1.58	1.36	16.20	83.72	6.51	97.548	82.544	6.497	1.00	16.20
1.59	1.12	16.71	84.84	6.65	97.433	83.635	6.630	0.86	16.71
1.60	0.85	17.21	85.69	6.75	97.313	84.462	6.734	0.69	17.21
1.61	0.72	17.93	86.41	6.85	97.186	85.162	6.826	0.61	17.93
1.62	0.72	18.64	87.13	6.94	97.053	85.861	6.922	0.64	18.64
1.63	0.71	19.35	87.84	7.04	96.914	86.549	7.021	0.66	19.35
1.64	0.68	20.06	88.52	7.14	96.768	87.207	7.119	0.66	20.06
1.65	0.65	20.76	89.17	7.24	96.614	87.835	7.217	0.66	20.76
1.66	0.60	21.38	89.77	7.34	96.453	88.413	7.309	0.64	21.38
1.67	0.55	21.99	90.32	7.43	96.285	88.943	7.397	0.61	21.99
1.68	0.48	22.61	90.80	7.51	96.109	89.404	7.475	0.56	22.61
1.69	0.40	23.22	91.20	7.58	95.804	89.788	7.542	0.50	23.22
1.70	0.30	23.82	91.50	7.63	95.587	90.074	7.594	0.40	23.82
1.71	0.26	24.51	91.76	7.68	95.353	90.322	7.641	0.36	24.51
1.72	0.26	25.19	92.02	7.73	95.104	90.570	7.689	0.38	25.19

1.73	0.27	25.86	92.29	7.78	94.843	90.826	7.740	0.42	25.86
1.74	0.26	26.54	92.55	7.83	94.575	91.072	7.791	0.42	26.54
1.75	0.25	27.21	92.80	7.89	94.301	91.307	7.841	0.43	27.21
1.76	0.23	27.79	93.03	7.93	94.025	91.524	7.888	0.41	27.73
1.77	0.21	28.25	93.24	7.98	93.750	91.720	7.931	0.39	28.25
1.78	0.18	28.76	93.42	8.02	93.486	91.889	7.970	0.35	28.76
1.79	0.15	29.27	93.57	8.05	93.233	92.029	8.002	0.31	29.27
1.80	0.11	29.78	93.68	8.08	92.983	92.131	8.026	0.23	29.78
1.81	0.08	30.22	93.76	8.10	92.725	92.205	8.044	0.17	30.22
1.82	0.08	30.65	93.84	8.12	92.451	92.279	8.062	0.18	30.65
1.83	0.08	31.08	93.92	8.14	92.151	92.353	8.080	0.19	31.08
1.84	0.08	31.51	94.00	8.16	91.815	92.426	8.099	0.20	31.51
1.85	0.08	31.94	94.08	8.18	91.435	92.499	8.118	0.21	31.94
1.86	0.08	32.36	94.16	8.20	91.000	92.572	8.137	0.22	32.36
1.87	0.08	32.79	94.24	8.22	90.526	92.644	8.156	0.23	32.79
1.88	0.08	33.21	94.32	8.24	90.037	92.717	8.176	0.24	33.21
1.89	0.08	33.63	94.40	8.26	89.535	92.788	8.195	0.25	33.63
1.90	0.08	34.04	94.48	8.28	89.021	92.859	8.215	0.26	34.04
1.91	0.08	34.45	94.56	8.31	88.499	92.930	8.235	0.28	34.45
1.92	0.08	34.87	94.64	8.33	87.969	93.001	8.255	0.29	34.87
1.93	0.08	35.27	94.72	8.35	87.436	93.070	8.276	0.30	35.27
1.94	0.08	35.68	94.80	8.37	86.899	93.140	8.296	0.32	35.68
1.95	0.08	36.09	94.88	8.40	86.362	93.209	8.317	0.33	36.09
1.96	0.08	36.78	94.96	8.42	85.827	93.278	8.338	0.34	36.78
1.97	0.08	37.47	95.04	8.45	85.296	93.346	8.359	0.35	37.47
1.98	0.08	38.15	95.12	8.47	84.771	93.414	8.381	0.37	38.15
1.99	0.08	38.83	95.20	8.50	84.255	93.481	8.403	0.38	38.83
2.00	0.08	39.51	95.28	8.52	83.748	93.548	8.425	0.39	39.51
2.01	0.08	40.19	95.36	8.55	83.495	93.615	8.447	0.40	40.19
2.02	0.08	40.86	95.44	8.58	82.993	93.681	8.470	0.41	40.86
2.03	0.08	41.53	95.52	8.60	82.493	93.747	8.494	0.42	41.53
2.04	0.08	42.19	95.60	8.63	81.996	93.813	8.517	0.43	42.19
2.05	0.08	42.85	95.68	8.66	81.499	93.878	8.541	0.44	42.85
2.06	0.08	43.51	95.76	8.69	81.004	93.943	8.565	0.46	43.51
2.07	0.08	44.17	95.84	8.72	80.510	94.007	8.590	0.47	44.17
2.08	0.08	44.82	95.92	8.75	80.016	94.071	8.614	0.48	44.82
2.09	0.08	45.47	96.00	8.78	79.521	94.135	8.639	0.49	45.47
2.10	0.08	46.12	96.08	8.81	79.027	94.198	8.664	0.50	46.12
2.11	0.09	46.61	96.17	8.85	78.531	94.269	8.693	0.58	46.61
2.12	0.09	47.10	96.26	8.88	78.034	94.339	8.721	0.59	47.10
2.13	0.09	47.59	96.35	8.92	77.535	94.409	8.750	0.61	47.59
2.14	0.08	48.07	96.43	8.95	77.034	94.471	8.776	0.55	48.07
2.15	0.08	48.56	96.51	8.98	76.530	94.532	8.802	0.56	48.56
2.16	0.08	49.04	96.59	9.02	76.024	94.593	8.827	0.58	49.04
2.17	0.08	49.52	96.67	9.05	75.514	94.653	8.853	0.59	49.52
2.18	0.08	50.00	96.75	9.08	75.000	94.713	8.879	0.60	50.00
2.19	0.08	50.47	96.83	9.12	74.476	94.773	8.906	0.61	50.47
2.20	0.08	50.94	96.91	9.15	73.937	94.832	8.932	0.63	50.94
2.21	0.08	51.42	96.99	9.19	73.382	94.890	8.958	0.64	51.42
2.22	0.08	51.88	97.07	9.22	72.815	94.949	8.984	0.65	51.88
2.23	0.08	52.35	97.15	9.26	72.235	95.007	9.011	0.67	52.35
2.24	0.08	52.81	97.23	9.29	71.643	95.064	9.037	0.68	52.81
2.25	0.08	53.28	97.31	9.33	71.041	95.121	9.064	0.70	53.28
2.26	0.08	53.74	97.39	9.37	70.429	95.177	9.090	0.71	53.74
2.27	0.08	54.20	97.47	9.40	69.808	95.233	9.117	0.73	54.20
2.28	0.08	54.65	97.55	9.44	69.180	95.288	9.143	0.74	54.65
2.29	0.08	55.11	97.63	9.48	68.545	95.343	9.169	0.76	55.11
2.30	0.08	55.56	97.71	9.52	67.905	95.397	9.196	0.77	55.56
2.31	0.08	56.01	97.79	9.55	67.260	95.451	9.222	0.79	56.01
2.32	0.08	56.46	97.87	9.59	66.611	95.504	9.249	0.80	56.46
2.33	0.08	56.90	97.95	9.63	65.960	95.557	9.275	0.82	56.90
2.34	0.08	57.35	98.03	9.67	65.307	95.609	9.301	0.83	57.35

2.35	0.08	57.79	98.11	9.71	64.653	95.661	9.327	0.85	57.79
2.36	0.08	59.40	98.19	9.75	64.000	95.712	9.354	0.87	59.40
2.37	0.08	60.99	98.27	9.79	63.332	95.763	9.382	0.88	60.99
2.38	0.08	62.59	98.35	9.83	62.638	95.813	9.409	0.90	62.59
2.39	0.08	64.17	98.43	9.88	61.920	95.863	9.438	0.92	64.17
2.40	0.08	65.75	98.51	9.92	61.183	95.912	9.466	0.93	65.75
2.41	0.08	67.32	98.59	9.97	60.431	95.960	9.496	0.95	67.32
2.42	0.08	68.88	98.67	10.02	59.667	96.008	9.525	0.97	68.88
2.43	0.07	70.44	98.74	10.06	58.895	96.049	9.551	0.87	70.44
2.44	0.07	72.00	98.81	10.10	58.119	96.090	9.578	0.88	72.00
2.45	0.07	73.54	98.88	10.15	57.344	96.130	9.604	0.90	73.54
2.46	0.07	75.08	98.95	10.20	56.572	96.169	9.631	0.91	75.08
2.47	0.07	76.61	99.02	10.24	55.808	96.208	9.658	0.93	76.61
2.48	0.07	78.14	99.09	10.29	55.056	96.247	9.686	0.95	78.14
2.49	0.07	79.66	99.16	10.34	54.319	96.285	9.714	0.96	79.66
2.50	0.07	81.18	99.23	10.39	53.601	96.323	9.741	0.98	81.18
2.51	0.07	82.69	99.30	10.44	52.906	96.360	9.769	0.99	82.69
2.52	0.07	84.19	99.37	10.49	52.239	96.396	9.798	1.01	84.19
2.53	0.07	85.68	99.44	10.54	51.602	96.432	9.826	1.02	85.68
2.54	0.07	87.18	99.51	10.60	51.000	96.468	9.855	1.03	87.18
2.55	0.07	88.66	99.58	10.65	50.425	96.503	9.884	1.04	88.66
2.56	0.07	90.14	99.65	10.71	49.864	96.538	9.913	1.06	90.14
2.57	0.07	91.61	99.72	10.77	49.317	96.573	9.942	1.07	91.61
2.58	0.07	93.08	99.79	10.82	48.779	96.607	9.971	1.08	93.08
2.59	0.07	94.54	99.86	10.88	48.249	96.641	10.001	1.09	94.54
2.60	0.07	96.00	99.93	10.94	47.726	96.674	10.030	1.10	96.00

HEAD ASH %	10.94	CLEAN COAL ASH %	10.03	REFUSE ASH %	37.45
THEO. YIELD	98.69	CLEAN COAL YIELD%	96.67	REFUSE YIELD%	3.33
SG OF SEPARATION	2.423	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	1.497	IMPERFECTION	0.382		
ORGANIC EFFCY.	97.96				

GCRI - - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 30 WID: WA1 EQUIPE WOC2 SG-ASH ***** EP 0.0 SG 0.00
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.66 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.23	0.12	0.23	0.12	99.521	0.229	0.120	0.02	0.12
1.25	0.23	0.22	0.46	0.17	99.485	0.458	0.170	0.02	0.22
1.26	0.23	0.33	0.69	0.22	99.448	0.686	0.223	0.02	0.33
1.27	0.23	0.43	0.92	0.27	99.410	0.915	0.275	0.02	0.43
1.28	0.23	0.54	1.15	0.33	99.372	1.144	0.328	0.02	0.54
1.29	0.22	0.64	1.37	0.38	99.333	1.362	0.378	0.02	0.64
1.30	0.22	0.74	1.59	0.43	99.294	1.581	0.428	0.02	0.74
1.31	0.22	0.84	1.81	0.48	99.253	1.799	0.478	0.02	0.84
1.32	0.22	1.01	2.03	0.54	99.212	2.017	0.536	0.02	1.01
1.33	0.22	1.25	2.25	0.61	99.171	2.235	0.605	0.03	1.25
1.34	0.22	1.48	2.47	0.68	99.129	2.454	0.683	0.03	1.48
1.35	0.21	1.72	2.68	0.76	99.087	2.662	0.764	0.03	1.72
1.36	0.21	1.95	2.89	0.85	99.044	2.870	0.850	0.03	1.95
1.37	0.21	2.18	3.10	0.94	99.000	3.077	0.940	0.03	2.18
1.38	0.21	2.41	3.31	1.03	98.956	3.285	1.033	0.03	2.41
1.39	0.21	2.63	3.52	1.13	98.911	3.493	1.128	0.03	2.63
1.40	0.21	2.86	3.73	1.23	98.864	3.701	1.225	0.03	2.86
1.41	4.44	2.88	8.17	2.13	98.816	8.088	2.123	0.76	2.88
1.42	6.05	2.89	14.22	2.45	98.766	14.063	2.449	1.07	2.89
1.43	7.21	2.91	21.43	2.61	98.715	21.181	2.604	1.33	2.91
1.44	7.93	2.93	29.36	2.69	98.661	29.005	2.692	1.53	2.93
1.45	8.19	2.95	37.55	2.75	98.605	37.080	2.748	1.65	2.95
1.46	8.00	4.48	45.55	3.05	98.546	44.964	3.052	1.68	4.48
1.47	7.37	6.00	52.92	3.46	98.484	52.222	3.461	1.61	6.00
1.48	6.28	7.51	59.20	3.89	98.419	58.403	3.890	1.43	7.51
1.49	4.75	9.01	63.95	4.27	98.351	63.075	4.269	1.13	9.01
1.50	2.76	10.49	66.71	4.53	98.279	65.787	4.526	0.68	10.49
1.51	1.58	12.29	68.29	4.71	98.203	67.339	4.705	0.41	12.29
1.52	1.48	14.07	69.77	4.91	98.124	68.791	4.902	0.40	14.07
1.53	1.38	15.84	71.15	5.12	98.040	70.144	5.113	0.39	15.84
1.54	1.27	17.59	72.42	5.34	97.951	71.388	5.331	0.37	17.59
1.55	1.15	19.34	73.57	5.56	97.858	72.513	5.548	0.35	19.34
1.56	1.03	19.84	74.60	5.75	97.760	73.520	5.744	0.33	19.84
1.57	0.89	20.34	75.49	5.93	97.656	74.389	5.914	0.30	20.34
1.58	0.75	20.83	76.24	6.07	97.548	75.121	6.060	0.26	20.83
1.59	0.59	21.33	76.83	6.19	97.433	75.696	6.176	0.22	21.33
1.60	0.43	21.82	77.26	6.28	97.313	76.114	6.262	0.17	21.82
1.61	0.35	22.63	77.61	6.35	97.186	76.454	6.334	0.14	22.63
1.62	0.37	23.45	77.98	6.43	97.053	76.813	6.414	0.16	23.45
1.63	0.37	24.26	78.35	6.52	96.914	77.172	6.497	0.16	24.26
1.64	0.37	25.06	78.72	6.60	96.768	77.530	6.583	0.17	25.06
1.65	0.36	25.86	79.08	6.69	96.614	77.878	6.669	0.18	25.86
1.66	0.34	26.51	79.42	6.78	96.453	78.206	6.752	0.17	26.51
1.67	0.32	27.17	79.74	6.86	96.285	78.514	6.832	0.17	27.17
1.68	0.28	27.81	80.02	6.93	96.109	78.783	6.904	0.16	27.81
1.69	0.24	28.46	80.26	7.00	95.804	79.013	6.967	0.15	28.46
1.70	0.20	29.10	80.46	7.05	95.587	79.204	7.020	0.13	29.10
1.71	0.17	29.68	80.63	7.10	95.353	79.366	7.067	0.11	29.68
1.72	0.16	30.26	80.79	7.14	95.104	79.518	7.111	0.11	30.26

1.73	0.15	30.83	80.94	7.19	94.843	79.661	7.153	0.11	30.83
1.74	0.15	31.40	81.09	7.23	94.575	79.803	7.196	0.12	31.40
1.75	0.14	31.97	81.23	7.28	94.301	79.935	7.237	0.11	31.97
1.76	0.14	32.53	81.37	7.32	94.025	80.066	7.279	0.12	32.53
1.77	0.13	33.09	81.50	7.36	93.750	80.188	7.318	0.12	33.09
1.78	0.13	33.65	81.63	7.40	93.486	80.310	7.358	0.12	33.65
1.79	0.13	34.20	81.76	7.44	93.233	80.431	7.398	0.13	34.20
1.80	0.12	34.75	81.88	7.48	92.983	80.542	7.436	0.12	34.75
1.81	0.12	35.30	82.00	7.53	92.725	80.654	7.475	0.13	35.30
1.82	0.12	35.85	82.12	7.57	92.451	80.765	7.514	0.13	35.85
1.83	0.12	36.39	82.24	7.61	92.151	80.875	7.553	0.14	36.39
1.84	0.11	36.93	82.35	7.65	91.815	80.976	7.590	0.13	36.93
1.85	0.11	37.46	82.46	7.69	91.435	81.077	7.627	0.14	37.46
1.86	0.11	38.00	82.57	7.73	91.000	81.177	7.664	0.14	38.00
1.87	0.11	38.53	82.68	7.77	90.526	81.276	7.702	0.15	38.53
1.88	0.11	39.06	82.79	7.81	90.037	81.376	7.740	0.16	39.06
1.89	0.11	39.58	82.90	7.85	89.535	81.474	7.779	0.17	39.58
1.90	0.11	40.10	83.01	7.90	89.021	81.572	7.818	0.17	40.10
1.91	0.11	40.88	83.12	7.94	88.499	81.669	7.857	0.18	40.88
1.92	0.12	41.65	83.24	7.99	87.969	81.775	7.901	0.21	41.65
1.93	0.12	42.41	83.36	8.04	87.436	81.880	7.945	0.22	42.41
1.94	0.12	43.17	83.48	8.09	86.899	81.984	7.990	0.23	43.17
1.95	0.12	43.93	83.60	8.14	86.362	82.088	8.035	0.24	43.93
1.96	0.13	44.69	83.73	8.20	85.827	82.199	8.085	0.27	44.69
1.97	0.13	45.44	83.86	8.25	85.296	82.310	8.135	0.28	45.44
1.98	0.13	46.18	83.99	8.31	84.771	82.420	8.186	0.29	46.18
1.99	0.14	46.93	84.13	8.38	84.255	82.538	8.241	0.32	46.93
2.00	0.14	47.66	84.27	8.44	83.748	82.656	8.297	0.33	47.66
2.01	0.15	48.40	84.42	8.51	83.495	82.781	8.358	0.36	48.40
2.02	0.15	49.13	84.57	8.59	82.993	82.905	8.419	0.37	49.13
2.03	0.16	49.86	84.73	8.66	82.493	83.037	8.485	0.40	49.86
2.04	0.17	50.58	84.90	8.75	81.996	83.177	8.556	0.44	50.58
2.05	0.17	51.30	85.07	8.83	81.499	83.315	8.627	0.45	51.30
2.06	0.18	52.02	85.25	8.92	81.004	83.461	8.703	0.49	52.02
2.07	0.19	52.73	85.44	9.02	80.510	83.614	8.783	0.53	52.73
2.08	0.20	53.45	85.64	9.12	80.016	83.774	8.868	0.58	53.45
2.09	0.21	54.15	85.85	9.23	79.521	83.941	8.959	0.62	54.15
2.10	0.21	54.86	86.06	9.35	79.027	84.107	9.049	0.63	54.86
2.11	0.31	55.33	86.37	9.51	78.531	84.350	9.183	0.96	55.33
2.12	0.31	55.80	86.68	9.68	78.034	84.592	9.316	0.98	55.80
2.13	0.31	56.26	86.99	9.84	77.535	84.833	9.449	1.00	56.26
2.14	0.31	56.73	87.30	10.01	77.034	85.071	9.582	1.03	56.73
2.15	0.30	57.19	87.60	10.17	76.530	85.301	9.710	1.01	57.19
2.16	0.30	57.65	87.90	10.33	76.024	85.529	9.838	1.04	57.65
2.17	0.30	58.11	88.20	10.50	75.514	85.756	9.965	1.06	58.11
2.18	0.30	58.57	88.50	10.66	75.000	85.981	10.092	1.08	58.57
2.19	0.30	59.02	88.80	10.82	74.476	86.204	10.219	1.10	59.02
2.20	0.30	59.47	89.10	10.99	73.937	86.426	10.346	1.13	59.47
2.21	0.30	59.92	89.40	11.15	73.382	86.646	10.472	1.15	59.92
2.22	0.29	60.37	89.69	11.31	72.815	86.857	10.593	1.14	60.37
2.23	0.29	60.81	89.98	11.47	72.235	87.067	10.714	1.16	60.81
2.24	0.29	61.26	90.27	11.63	71.643	87.274	10.834	1.18	61.26
2.25	0.29	61.70	90.56	11.79	71.041	87.480	10.954	1.21	61.70
2.26	0.29	62.14	90.85	11.95	70.429	87.685	11.073	1.23	62.14
2.27	0.29	62.58	91.14	12.11	69.808	87.887	11.192	1.26	62.58
2.28	0.29	63.01	91.43	12.27	69.180	88.088	11.310	1.29	63.01
2.29	0.29	63.45	91.72	12.43	68.545	88.287	11.427	1.31	63.45
2.30	0.28	63.88	92.00	12.59	67.905	88.477	11.540	1.29	63.88
2.31	0.28	64.31	92.28	12.75	67.260	88.665	11.652	1.32	64.31
2.32	0.28	64.74	92.56	12.90	66.611	88.852	11.763	1.35	64.74
2.33	.28	65.17	92.84	13.06	65.960	89.036	11.874	1.37	65.17
2.34	.28	65.59	93.12	13.22	65.307	89.219	11.984	1.40	65.59

2.35	0.28	66.01	93.40	13.38	64.653	89.400	12.094	1.43	66.01
2.36	0.28	67.27	93.68	13.54	64.000	89.579	12.204	1.45	67.27
2.37	0.28	68.53	93.96	13.70	63.332	89.757	12.315	1.48	68.53
2.38	0.27	69.78	94.23	13.86	62.638	89.926	12.423	1.45	69.78
2.39	0.27	71.02	94.50	14.03	61.920	90.093	12.532	1.48	71.02
2.40	0.27	72.26	94.77	14.19	61.183	90.258	12.641	1.51	72.26
2.41	0.27	73.49	95.04	14.36	60.431	90.421	12.751	1.54	73.49
2.42	0.27	74.72	95.31	14.53	59.667	90.582	12.861	1.57	74.72
2.43	0.27	75.94	95.58	14.71	58.895	90.741	12.972	1.60	75.94
2.44	0.27	77.16	95.85	14.88	58.119	90.898	13.083	1.63	77.16
2.45	0.27	78.37	96.12	15.06	57.344	91.053	13.194	1.66	78.37
2.46	0.27	79.58	96.39	15.24	56.572	91.206	13.305	1.69	79.58
2.47	0.26	80.79	96.65	15.42	55.808	91.351	13.412	1.65	80.79
2.48	0.26	81.98	96.91	15.60	55.056	91.494	13.519	1.68	81.98
2.49	0.26	83.18	97.17	15.78	54.319	91.635	13.627	1.71	83.18
2.50	0.26	84.37	97.43	15.96	53.601	91.775	13.734	1.74	84.37
2.51	0.26	85.55	97.69	16.14	52.906	91.912	13.842	1.76	85.55
2.52	0.26	86.73	97.95	16.33	52.239	92.048	13.949	1.79	86.73
2.53	0.26	87.90	98.21	16.52	51.602	92.182	14.057	1.81	87.90
2.54	0.26	89.08	98.47	16.71	51.000	92.315	14.165	1.83	89.08
2.55	0.26	90.24	98.73	16.91	50.425	92.446	14.273	1.86	90.24
2.56	0.25	91.40	98.98	17.09	49.864	92.571	14.376	1.80	91.40
2.57	0.25	92.56	99.23	17.29	49.317	92.694	14.480	1.82	92.56
2.58	0.25	93.71	99.48	17.48	48.779	92.816	14.585	1.84	93.71
2.59	0.25	94.86	99.73	17.67	48.249	92.937	14.689	1.86	94.86
2.60	0.25	96.00	99.98	17.87	47.726	93.056	14.793	1.88	96.00

HEAD ASH %	17.87	CLEAN COAL ASH %	14.79	REFUSE ASH %	59.06
THEO. YIELD	95.71	CLEAN COAL YIELD%	93.06	REFUSE YIELD%	6.94
SG OF SEPARATION	2.435	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	5.360	IMPERFECTION	0.382		
ORGANIC EFFCY.	97.22				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 31 WID: WA1 EQUIPE WOC2 SG-ASH ***** EP 0.0 SG ****

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.59 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.01	0.07	0.01	0.07	99.521	0.010	0.070	0.00	0.07
1.25	0.01	0.13	0.02	0.10	99.485	0.020	0.100	0.00	0.13
1.26	0.01	0.20	0.03	0.13	99.448	0.030	0.133	0.00	0.20
1.27	0.01	0.26	0.04	0.16	99.410	0.040	0.165	0.00	0.26
1.28	0.01	0.32	0.05	0.20	99.372	0.050	0.196	0.00	0.32
1.29	0.01	0.38	0.06	0.23	99.333	0.060	0.227	0.00	0.38
1.30	0.01	0.44	0.07	0.26	99.294	0.070	0.257	0.00	0.44
1.31	0.01	0.50	0.08	0.29	99.253	0.080	0.287	0.00	0.50
1.32	0.01	0.71	0.09	0.33	99.212	0.089	0.334	0.00	0.71
1.33	0.01	1.06	0.10	0.41	99.171	0.099	0.407	0.00	1.06
1.34	0.01	1.42	0.11	0.50	99.129	0.109	0.499	0.00	1.42
1.35	0.01	1.77	0.12	0.60	99.087	0.119	0.604	0.00	1.77
1.36	0.01	2.13	0.13	0.72	99.044	0.129	0.721	0.00	2.13
1.37	0.01	2.47	0.14	0.85	99.000	0.139	0.846	0.00	2.47
1.38	0.01	2.82	0.15	0.98	98.956	0.149	0.977	0.00	2.82
1.39	0.01	3.16	0.16	1.11	98.911	0.159	1.113	0.00	3.16
1.40	0.01	3.50	0.17	1.26	98.864	0.169	1.253	0.00	3.50
1.41	2.49	3.79	2.66	3.63	98.816	2.629	3.627	0.16	3.79
1.42	3.24	4.08	5.90	3.88	98.766	5.829	3.876	0.22	4.08
1.43	3.79	4.36	9.69	4.07	98.715	9.570	4.065	0.27	4.36
1.44	4.14	4.64	13.83	4.24	98.661	13.655	4.237	0.30	4.64
1.45	4.28	4.92	18.11	4.40	98.606	17.875	4.398	0.33	4.92
1.46	4.22	6.18	22.33	4.74	98.546	22.034	4.735	0.34	6.18
1.47	3.95	7.43	26.28	5.14	98.484	25.924	5.139	0.33	7.43
1.48	3.49	8.67	29.77	5.55	98.419	29.359	5.552	0.30	8.67
1.49	2.82	9.90	32.59	5.93	98.351	32.132	5.927	0.25	9.90
1.50	1.94	11.12	34.53	6.22	98.279	34.039	6.218	0.18	11.12
1.51	1.42	12.32	35.95	6.46	98.203	35.434	6.458	0.14	12.32
1.52	1.38	13.52	37.33	6.72	98.124	36.788	6.718	0.14	13.52
1.53	1.33	14.70	38.66	7.00	98.040	38.092	6.992	0.14	14.70
1.54	1.27	15.88	39.93	7.28	97.951	39.336	7.273	0.14	15.88
1.55	1.20	17.04	41.13	7.57	97.858	40.510	7.556	0.14	17.04
1.56	1.11	17.71	42.24	7.83	97.760	41.595	7.821	0.14	17.71
1.57	1.02	18.37	43.26	8.08	97.656	42.591	8.067	0.13	18.37
1.58	0.91	19.03	44.17	8.31	97.548	43.479	8.291	0.12	19.03
1.59	0.79	19.68	44.96	8.51	97.433	44.248	8.489	0.11	19.68
1.60	0.65	20.33	45.61	8.67	97.313	44.881	8.656	0.10	20.33
1.61	0.59	21.03	46.20	8.83	97.186	45.454	8.812	0.09	21.03
1.62	0.60	21.73	46.80	9.00	97.053	46.037	8.976	0.10	21.73
1.63	0.60	22.42	47.40	9.17	96.914	46.618	9.143	0.10	22.42
1.64	0.59	23.10	47.99	9.34	96.768	47.189	9.312	0.10	23.10
1.65	0.58	23.78	48.57	9.51	96.614	47.749	9.482	0.11	23.78
1.66	0.56	24.78	49.13	9.69	96.453	48.290	9.653	0.11	24.78
1.67	0.54	25.78	49.67	9.86	96.285	48.810	9.825	0.11	25.78
1.68	0.51	26.77	50.18	10.03	96.109	49.300	9.993	0.11	26.77
1.69	0.47	27.75	50.65	10.20	95.804	49.750	10.154	0.11	27.75
1.70	0.43	28.73	51.08	10.35	95.587	50.161	10.306	0.10	28.79
1.71	0.40	29.18	51.48	10.50	95.353	50.542	10.449	0.10	29.18
1.72	0.40	29.63	51.88	10.65	95.104	50.923	10.592	0.11	29.63

1.73	0.40	30.08	52.28	10.79	94.843	51.302	10.736	0.11	30.08
1.74	0.40	30.52	52.68	10.94	94.575	51.681	10.881	0.12	30.52
1.75	0.39	30.96	53.07	11.09	94.301	52.048	11.023	0.12	30.96
1.76	0.38	33.13	53.45	11.25	94.025	52.406	11.174	0.12	33.13
1.77	0.37	35.29	53.82	11.41	93.750	52.752	11.332	0.13	35.29
1.78	0.36	37.43	54.18	11.59	93.486	53.089	11.498	0.13	37.43
1.79	0.35	39.56	54.53	11.77	93.233	53.415	11.669	0.13	39.56
1.80	0.34	41.68	54.87	11.95	92.983	53.731	11.846	0.13	41.68
1.81	0.33	43.54	55.20	12.14	92.725	54.037	12.025	0.13	43.54
1.82	0.33	45.40	55.53	12.34	92.451	54.343	12.213	0.14	45.40
1.83	0.33	47.24	55.86	12.54	92.161	54.647	12.407	0.14	47.24
1.84	0.32	49.08	56.18	12.75	91.815	54.940	12.604	0.14	49.08
1.85	0.31	50.90	56.49	12.96	91.435	55.224	12.800	0.15	50.90
1.86	0.29	50.96	56.78	13.16	91.000	55.488	12.982	0.14	50.96
1.87	0.28	51.01	57.06	13.34	90.526	55.741	13.155	0.14	51.01
1.88	0.26	51.07	57.32	13.51	90.037	55.975	13.313	0.14	51.07
1.89	0.23	51.12	57.55	13.66	89.535	56.181	13.452	0.13	51.12
1.90	0.20	51.18	57.75	13.79	89.021	56.359	13.571	0.12	51.18
1.91	0.19	51.51	57.94	13.92	88.499	56.528	13.684	0.12	51.51
1.92	0.18	51.84	58.12	14.03	87.969	56.686	13.790	0.12	51.84
1.93	0.17	52.17	58.29	14.15	87.436	56.834	13.891	0.12	52.17
1.94	0.17	52.49	58.46	14.26	86.899	56.982	13.991	0.12	52.49
1.95	0.16	52.82	58.62	14.36	86.362	57.120	14.085	0.12	52.82
1.96	0.15	53.14	58.77	14.46	85.827	57.249	14.173	0.12	53.14
1.97	0.15	53.47	58.92	14.56	85.296	57.377	14.260	0.12	53.47
1.98	0.15	53.79	59.07	14.66	84.771	57.504	14.348	0.12	53.79
1.99	0.14	54.11	59.21	14.75	84.255	57.622	14.429	0.12	54.11
2.00	0.14	54.42	59.35	14.85	83.748	57.739	14.510	0.12	54.42
2.01	0.14	54.94	59.49	14.94	83.495	57.856	14.592	0.13	54.94
2.02	0.14	55.45	59.63	15.04	82.993	57.973	14.674	0.13	55.45
2.03	0.13	55.96	59.76	15.13	82.493	58.080	14.750	0.12	55.96
2.04	0.13	56.47	59.89	15.21	81.996	58.186	14.826	0.13	56.47
2.05	0.13	56.98	60.02	15.31	81.499	58.292	14.903	0.13	56.98
2.06	0.13	57.48	60.15	15.40	81.004	58.398	14.980	0.13	57.48
2.07	0.14	57.98	60.29	15.50	80.510	58.510	15.063	0.15	57.98
2.08	0.14	58.48	60.43	15.59	80.016	58.622	15.146	0.15	58.48
2.09	0.14	58.98	60.57	15.70	79.521	58.734	15.229	0.16	58.98
2.10	0.14	59.47	60.71	15.80	79.027	58.844	15.312	0.16	59.47
2.11	0.14	59.87	60.85	15.90	78.531	58.954	15.395	0.16	59.87
2.12	0.13	60.27	60.98	15.89	78.034	59.056	15.472	0.16	60.27
2.13	0.12	60.66	61.10	16.08	77.535	59.149	15.543	0.15	60.66
2.14	0.11	61.05	61.21	16.16	77.034	59.233	15.608	0.14	61.05
2.15	0.11	61.44	61.32	16.24	76.530	59.318	15.673	0.14	61.44
2.16	0.10	61.83	61.42	16.32	76.024	59.394	15.732	0.13	61.83
2.17	0.10	62.22	61.52	16.39	75.514	59.469	15.791	0.13	62.22
2.18	0.09	62.60	61.61	16.46	75.000	59.537	15.845	0.12	62.60
2.19	0.09	62.99	61.70	16.53	74.476	59.604	15.898	0.13	62.99
2.20	0.09	63.37	61.79	16.59	73.937	59.670	15.950	0.13	63.37
2.21	0.09	64.30	61.88	16.66	73.382	59.736	16.004	0.13	64.30
2.22	0.09	65.24	61.97	16.73	72.815	59.802	16.058	0.13	65.24
2.23	0.09	66.17	62.06	16.81	72.235	59.867	16.112	0.14	66.17
2.24	0.10	67.09	62.16	16.89	71.643	59.939	16.173	0.16	67.09
2.25	0.10	68.01	62.26	16.97	71.041	60.010	16.235	0.16	68.01
2.26	0.11	68.93	62.37	17.06	70.429	60.087	16.303	0.18	68.93
2.27	0.11	69.84	62.48	17.15	69.808	60.164	16.371	0.18	69.84
2.28	0.12	70.75	62.60	17.26	69.180	60.247	16.446	0.20	70.75
2.29	0.13	71.65	62.73	17.37	68.545	60.336	16.527	0.22	71.65
2.30	0.14	72.55	62.87	17.49	67.905	60.431	16.615	0.25	72.55
2.31	1.31	73.32	64.18	18.63	67.260	61.312	17.430	2.34	73.32
2.32	1.31	74.08	65.49	19.74	66.611	62.185	18.225	2.39	74.08
2.33	1.30	74.84	66.79	20.81	65.960	63.042	18.995	2.42	74.84
2.34	1.30	75.60	68.09	21.86	65.307	63.891	19.748	2.47	75.60

2.35	1.29	76.35	69.38	22.87	64.653	64.725	20.477	2.49	76.35
2.36	1.28	77.10	70.66	23.85	64.000	65.544	21.185	2.52	77.10
2.37	1.28	77.85	71.94	24.82	63.332	66.355	21.877	2.57	77.85
2.38	1.27	78.59	73.21	25.75	62.638	67.151	22.549	2.59	78.59
2.39	1.27	79.33	74.48	26.66	61.920	67.937	23.206	2.64	79.33
2.40	1.26	80.07	75.74	27.55	61.183	68.708	23.844	2.67	80.07
2.41	1.26	80.80	77.00	28.42	60.431	69.469	24.468	2.73	80.80
2.42	1.25	81.54	78.25	29.27	59.667	70.215	25.075	2.76	81.54
2.43	1.25	82.26	79.50	30.10	58.895	70.951	25.668	2.81	82.26
2.44	1.24	82.99	80.74	30.92	58.119	71.672	26.244	2.84	82.99
2.45	1.24	83.71	81.98	31.71	57.344	72.383	26.809	2.89	83.71
2.46	1.23	84.55	83.21	32.49	56.572	73.079	27.359	2.92	84.55
2.47	1.23	85.39	84.44	33.27	55.808	73.765	27.899	2.97	85.39
2.48	1.22	86.23	85.66	34.02	55.056	74.437	28.425	3.00	86.23
2.49	1.22	87.06	86.88	34.76	54.319	75.100	28.943	3.05	87.06
2.50	1.21	87.89	88.09	35.49	53.601	75.748	29.447	3.07	87.89
2.51	1.21	88.71	89.30	36.22	52.906	76.388	29.944	3.11	88.71
2.52	1.20	89.54	90.50	36.92	52.239	77.015	30.429	3.13	89.54
2.53	1.20	90.36	91.70	37.62	51.602	77.635	30.907	3.17	90.36
2.54	1.19	91.17	92.89	38.31	51.000	78.241	31.375	3.19	91.17
2.55	1.19	91.98	94.08	38.99	50.425	78.841	31.836	3.22	91.98
2.56	1.18	92.79	95.26	39.65	49.864	79.430	32.287	3.23	92.79
2.57	1.18	93.60	96.44	40.31	49.317	80.012	32.733	3.27	93.60
2.58	1.17	94.40	97.61	40.96	48.779	80.583	33.170	3.28	94.40
2.59	1.17	95.20	98.78	41.60	48.249	81.147	33.602	3.31	95.20
2.60	1.17	96.00	99.95	42.24	47.726	81.705	34.028	3.34	96.00

HEAD ASH %	42.24	CLEAN COAL ASH %	34.03	REFUSE ASH %	78.92
THEO. YIELD	85.67	CLEAN COAL YIELD%	81.71	REFUSE YIELD%	18.29
SG OF SEPARATION	2.480	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	24.399	IMPERFECTION	0.382		
ORGANIC EFFCY.	95.37				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 32 WID: WA1 EQUIPE WOC2 SG-ASH ***** EP 0.0 SG 0.00

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 7.62 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.45	0.15	0.45	0.15	99.521	0.448	0.150	0.02	0.15
1.25	0.44	0.29	0.89	0.22	99.485	0.886	0.219	0.03	0.29
1.26	0.44	0.42	1.33	0.29	99.448	1.323	0.286	0.03	0.42
1.27	0.44	0.56	1.77	0.35	99.410	1.761	0.354	0.03	0.56
1.28	0.43	0.70	2.20	0.42	99.372	2.188	0.421	0.03	0.70
1.29	0.43	0.83	2.63	0.49	99.333	2.615	0.488	0.03	0.83
1.30	0.43	0.96	3.06	0.55	99.294	3.042	0.554	0.03	0.96
1.31	0.42	1.09	3.48	0.62	99.253	3.459	0.619	0.04	1.09
1.32	0.42	1.38	3.90	0.70	99.212	3.876	0.701	0.04	1.38
1.33	0.42	1.83	4.32	0.81	99.171	4.292	0.810	0.04	1.83
1.34	0.41	2.27	4.73	0.94	99.129	4.698	0.937	0.04	2.27
1.35	0.41	2.70	5.14	1.08	99.087	5.105	1.077	0.04	2.70
1.36	0.41	3.14	5.55	1.23	99.044	5.511	1.229	0.04	3.14
1.37	0.40	3.57	5.95	1.39	99.000	5.907	1.386	0.04	3.57
1.38	0.40	3.99	6.35	1.55	98.956	6.303	1.549	0.05	3.99
1.39	0.40	4.42	6.75	1.72	98.911	6.698	1.719	0.05	4.42
1.40	0.40	4.84	7.15	1.90	98.864	7.094	1.893	0.05	4.84
1.41	3.33	5.07	10.48	2.90	98.816	10.384	2.900	0.44	5.07
1.42	4.18	5.30	14.66	3.59	98.766	14.513	3.583	0.58	5.30
1.43	4.80	5.52	19.46	4.06	98.715	19.251	4.059	0.69	5.52
1.44	5.20	5.75	24.66	4.42	98.661	24.381	4.415	0.78	5.75
1.45	5.38	5.97	30.04	4.70	98.605	29.686	4.693	0.84	5.97
1.46	5.34	7.24	35.38	5.08	98.546	34.949	5.077	0.87	7.24
1.47	5.07	8.50	40.45	5.51	98.484	39.942	5.504	0.86	8.50
1.48	4.58	9.74	45.03	5.94	98.419	44.449	5.934	0.81	9.74
1.49	3.87	10.98	48.90	6.34	98.351	48.256	6.332	0.71	10.98
1.50	2.93	12.22	51.83	6.67	98.279	51.135	6.664	0.56	12.22
1.51	2.37	13.51	54.20	6.97	98.203	53.463	6.962	0.48	13.51
1.52	2.32	14.79	56.52	7.29	98.124	55.739	7.281	0.49	14.79
1.53	2.23	16.06	58.75	7.62	98.040	57.925	7.613	0.49	16.06
1.54	2.11	17.33	60.86	7.96	97.951	59.992	7.947	0.48	17.33
1.55	1.96	18.58	62.82	8.29	97.858	61.910	8.277	0.47	18.58
1.56	1.77	18.88	64.59	8.58	97.760	63.640	8.565	0.44	18.88
1.57	1.55	19.18	66.14	8.83	97.656	65.154	8.812	0.41	19.18
1.58	1.30	19.47	67.44	9.04	97.548	66.422	9.015	0.36	19.47
1.59	1.02	19.76	68.46	9.20	97.433	67.416	9.174	0.29	19.76
1.60	0.71	20.05	69.17	9.31	97.313	68.107	9.284	0.21	20.05
1.61	0.54	20.57	69.71	9.39	97.186	68.632	9.370	0.17	20.57
1.62	0.53	21.08	70.24	9.48	97.053	69.146	9.457	0.17	21.08
1.63	0.52	21.59	70.76	9.57	96.914	69.650	9.545	0.18	21.59
1.64	0.51	22.10	71.27	9.66	96.768	70.144	9.634	0.18	22.10
1.65	0.49	22.61	71.76	9.75	96.614	70.617	9.721	*0.19	22.61
1.66	0.47	23.44	72.23	9.84	96.453	71.070	9.808	0.19	23.44
1.67	0.44	24.27	72.67	9.93	96.285	71.494	9.894	0.18	24.27
1.68	0.40	25.09	73.07	10.01	96.109	71.879	9.975	0.17	25.09
1.69	0.36	25.91	73.43	10.09	95.804	72.223	10.051	0.17	25.91
1.70	0.32	26.72	73.75	10.16	95.587	72.529	10.121	0.16	26.72
1.71	0.30	27.44	74.05	10.23	95.353	72.815	10.189	0.16	27.44
1.72	0.30	28.15	74.35	10.30	95.104	73.101	10.260	0.16	28.15

1.73	0.30	28.86	74.65	10.38	94.843	73.385	10.332	0.17	28.86
1.74	0.29	29.57	74.94	10.45	94.575	73.659	10.403	0.18	29.57
1.75	0.29	30.27	75.23	10.53	94.301	73.933	10.477	0.18	30.27
1.76	0.28	30.97	75.51	10.60	94.025	74.196	10.549	0.19	30.97
1.77	0.27	31.67	75.78	10.68	93.750	74.449	10.621	0.19	31.67
1.78	0.26	32.37	76.04	10.75	93.486	74.692	10.692	0.19	32.37
1.79	0.24	33.07	76.28	10.82	93.233	74.916	10.759	0.18	33.07
1.80	0.22	33.75	76.50	10.89	92.983	75.121	10.822	0.17	33.75
1.81	0.20	34.13	76.70	10.95	92.725	75.306	10.879	0.16	34.13
1.82	0.19	34.51	76.89	11.01	92.451	75.482	10.934	0.16	34.51
1.83	0.17	34.88	77.06	11.06	92.151	75.638	10.984	0.15	34.88
1.84	0.16	35.25	77.22	11.11	91.815	75.785	11.031	0.15	35.25
1.85	0.14	35.62	77.36	11.15	91.435	75.913	11.072	0.13	35.62
1.86	0.13	35.98	77.49	11.20	91.000	76.032	11.111	0.13	35.98
1.87	0.12	36.35	77.61	11.23	90.526	76.140	11.147	0.13	36.35
1.88	0.11	36.71	77.72	11.27	90.037	76.239	11.180	0.12	36.71
1.89	0.10	37.07	77.82	11.30	89.535	76.329	11.210	0.12	37.07
1.90	0.10	37.43	77.92	11.34	89.021	76.418	11.241	0.12	37.43
1.91	0.09	37.79	78.01	11.37	88.499	76.498	11.269	0.12	37.79
1.92	0.09	38.14	78.10	11.40	87.969	76.577	11.296	0.12	38.14
1.93	0.08	38.49	78.18	11.43	87.436	76.647	11.321	0.11	38.49
1.94	0.08	38.84	78.26	11.45	86.899	76.716	11.346	0.12	38.84
1.95	0.08	39.19	78.34	11.48	86.362	76.785	11.371	0.12	39.19
1.96	0.08	40.39	78.42	11.51	85.827	76.854	11.397	0.13	40.39
1.97	0.08	41.58	78.50	11.54	85.296	76.922	11.424	0.13	41.58
1.98	0.08	42.76	78.58	11.57	84.771	76.990	11.451	0.14	42.76
1.99	0.09	43.94	78.67	11.61	84.255	77.066	11.483	0.16	43.94
2.00	0.09	45.11	78.76	11.65	83.748	77.141	11.516	0.16	45.11
2.01	0.10	46.28	78.86	11.69	83.496	77.226	11.554	0.18	46.28
2.02	0.11	47.44	78.97	11.74	82.993	77.316	11.596	0.21	47.44
2.03	0.12	48.60	79.09	11.80	82.493	77.415	11.644	0.23	48.60
2.04	0.13	49.74	79.22	11.86	81.996	77.522	11.696	0.26	49.74
2.05	0.14	50.89	79.36	11.93	81.499	77.636	11.754	0.29	50.89
2.06	0.15	52.03	79.51	12.01	81.004	77.757	11.816	0.32	52.03
2.07	0.16	53.16	79.67	12.09	80.510	77.886	11.885	0.35	53.16
2.08	0.18	54.28	79.85	12.18	80.016	78.030	11.963	0.40	54.28
2.09	0.19	55.41	80.04	12.29	79.521	78.181	12.047	0.43	55.41
2.10	0.21	56.52	80.25	12.40	79.027	78.347	12.141	0.49	56.52
2.11	0.44	57.74	80.69	12.65	78.531	78.693	12.341	1.06	57.74
2.12	0.44	58.95	81.13	12.90	78.034	79.036	12.544	1.08	58.95
2.13	0.44	60.16	81.57	13.16	77.535	79.377	12.749	1.10	60.16
2.14	0.43	61.36	82.00	13.41	77.034	79.708	12.951	1.10	61.36
2.15	0.43	62.55	82.43	13.66	76.530	80.037	13.155	1.13	62.55
2.16	0.43	63.74	82.86	13.92	76.024	80.364	13.360	1.15	63.74
2.17	0.43	64.92	83.29	14.19	75.514	80.689	13.568	1.18	64.92
2.18	0.43	66.10	83.72	14.45	75.000	81.012	13.777	1.20	66.10
2.19	0.42	67.27	84.14	14.72	74.476	81.324	13.983	1.20	67.27
2.20	0.42	68.44	84.56	14.98	73.937	81.635	14.190	1.22	68.44
2.21	0.42	69.60	84.98	15.25	73.382	81.943	14.398	1.25	69.60
2.22	0.42	70.76	85.40	15.53	72.815	82.249	14.608	1.28	70.76
2.23	0.42	71.91	85.82	15.80	72.235	82.552	14.818	1.30	71.91
2.24	0.41	73.05	86.23	16.08	71.643	82.846	15.025	1.30	73.05
2.25	0.41	74.19	86.64	16.35	71.041	83.137	15.232	1.33	74.19
2.26	0.41	75.33	87.05	16.63	70.429	83.426	15.440	1.35	75.33
2.27	0.41	76.46	87.46	16.91	69.808	83.712	15.649	1.38	76.46
2.28	0.41	77.59	87.87	17.19	69.180	83.996	15.858	1.41	77.59
2.29	0.40	78.71	88.27	17.47	68.545	84.270	16.063	1.41	78.71
2.30	0.40	79.82	88.67	17.75	67.905	84.542	16.267	1.43	79.82
2.31	0.40	80.93	89.07	18.04	67.260	84.811	16.472	1.46	80.93
2.32	0.40	82.04	89.47	18.32	66.611	85.077	16.678	1.49	82.04
2.33	0.40	83.14	89.87	18.61	65.960	85.341	16.883	1.52	83.14
2.34	0.40	84.24	90.27	18.90	65.307	85.602	17.089	1.55	84.24

2.35	0.39	85.33	90.66	19.19	64.653	85.854	17.289	1.54	85.33
2.36	0.39	85.78	91.05	19.47	64.000	86.104	17.488	1.57	85.78
2.37	0.39	86.23	91.44	19.76	63.332	86.351	17.684	1.60	86.23
2.38	0.39	86.67	91.83	20.04	62.638	86.595	17.879	1.63	86.67
2.39	0.39	87.11	92.22	20.32	61.920	86.837	18.072	1.66	87.11
2.40	0.39	87.55	92.61	20.61	61.183	87.075	18.262	1.69	87.55
2.41	0.38	87.99	92.99	20.88	60.431	87.305	18.445	1.68	87.99
2.42	0.38	88.43	93.37	21.16	59.667	87.532	18.627	1.71	88.43
2.43	0.38	88.86	93.75	21.43	58.895	87.756	18.806	1.74	88.86
2.44	0.38	89.30	94.13	21.71	58.119	87.976	18.983	1.78	89.30
2.45	0.38	89.73	94.51	21.98	57.344	88.194	19.158	1.81	89.73
2.46	0.38	90.16	94.89	22.25	56.572	88.409	19.330	1.84	90.16
2.47	0.38	90.59	95.27	22.53	55.808	88.621	19.501	1.88	90.59
2.48	0.37	91.01	95.64	22.79	55.056	88.825	19.665	1.86	91.01
2.49	0.37	91.44	96.01	23.06	54.319	89.026	19.827	1.89	91.44
2.50	0.37	91.86	96.38	23.32	53.601	89.224	19.987	1.92	91.86
2.51	0.37	92.28	96.75	23.58	52.906	89.420	20.145	1.95	92.28
2.52	0.37	92.70	97.12	23.85	52.239	89.613	20.302	1.97	92.70
2.53	0.37	93.12	97.49	24.11	51.602	89.804	20.457	2.00	93.12
2.54	0.36	93.54	97.85	24.36	51.000	89.988	20.606	1.97	93.54
2.55	0.36	93.95	98.21	24.62	50.425	90.169	20.753	1.99	93.95
2.56	0.36	94.36	98.57	24.87	49.864	90.349	20.900	2.02	94.36
2.57	0.36	94.78	98.93	25.13	49.317	90.527	21.044	2.04	94.78
2.58	0.36	95.19	99.29	25.38	48.779	90.702	21.188	2.06	95.19
2.59	0.36	95.59	99.65	25.64	48.249	90.876	21.330	2.08	95.59
2.60	0.36	96.00	100.01	25.89	47.726	91.048	21.471	2.10	96.00

HEAD ASH %	25.89	CLEAN COAL ASH %	21.47	REFUSE ASH %	70.83
THEO. YIELD	93.80	CLEAN COAL YIELD%	91.05	REFUSE YIELD%	8.95
SG OF SEPARATION	2.431	ECART PROB MOYEN	0.4503		
NEAR GRAVITY MAT	7.614	IMPERFECTION	0.382		
ORGANIC EFFCY.	97.06				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 34 WID: WA1 EQUIPE WOC2 SG-ASH ***** EP 0.0 SG ****

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.85 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.37	0.09	0.37	0.09	99.521	0.368	0.090	0.03	0.09
1.25	0.37	0.17	0.74	0.13	99.485	0.736	0.130	0.03	0.17
1.26	0.36	0.25	1.10	0.17	99.448	1.094	0.169	0.03	0.25
1.27	0.36	0.32	1.46	0.21	99.410	1.452	0.206	0.03	0.32
1.28	0.36	0.40	1.82	0.24	99.372	1.810	0.245	0.03	0.40
1.29	0.36	0.48	2.18	0.28	99.333	2.168	0.283	0.03	0.48
1.30	0.35	0.55	2.53	0.32	99.294	2.515	0.320	0.04	0.55
1.31	0.35	0.63	2.88	0.36	99.253	2.862	0.358	0.04	0.63
1.32	0.35	0.96	3.23	0.42	99.212	3.210	0.423	0.04	0.96
1.33	0.35	1.55	3.58	0.53	99.171	3.557	0.533	0.04	1.55
1.34	0.34	2.14	3.92	0.67	99.129	3.894	0.672	0.04	2.14
1.35	0.34	2.72	4.26	0.84	99.087	4.231	0.835	0.04	2.72
1.36	0.34	3.30	4.60	1.02	99.044	4.567	1.017	0.05	3.30
1.37	0.34	3.87	4.94	1.21	99.000	4.904	1.213	0.05	3.87
1.38	0.33	4.44	5.27	1.42	98.956	5.231	1.414	0.05	4.44
1.39	0.33	5.00	5.60	1.63	98.911	5.557	1.625	0.05	5.00
1.40	0.33	5.56	5.93	1.85	98.864	5.883	1.843	0.05	5.56
1.41	3.15	5.99	9.08	3.28	98.816	8.996	3.278	0.54	5.99
1.42	3.97	6.42	13.05	4.24	98.766	12.917	4.232	0.71	6.42
1.43	4.57	6.85	17.62	4.92	98.715	17.428	4.909	0.85	6.85
1.44	4.94	7.27	22.56	5.43	98.661	22.302	5.425	0.95	7.27
1.45	5.10	7.69	27.66	5.85	98.605	27.331	5.842	1.03	7.69
1.46	5.03	8.32	32.69	6.23	98.546	32.288	6.222	1.05	8.32
1.47	4.74	8.94	37.43	6.57	98.484	36.956	6.566	1.04	8.94
1.48	4.23	9.57	41.66	6.88	98.419	41.119	6.870	0.96	9.57
1.49	3.49	10.18	45.15	7.13	98.351	44.552	7.125	0.83	10.18
1.50	2.53	10.80	47.68	7.33	98.279	47.038	7.319	0.63	10.80
1.51	1.96	11.34	49.64	7.48	98.203	48.963	7.477	0.51	11.34
1.52	1.92	11.88	51.56	7.65	98.124	50.847	7.640	0.52	11.88
1.53	1.86	12.41	53.42	7.81	98.040	52.670	7.806	0.53	12.41
1.54	1.81	12.94	55.23	7.98	97.951	54.443	7.973	0.53	12.94
1.55	1.74	13.47	56.97	8.15	97.858	56.146	8.139	0.54	13.47
1.56	1.66	14.09	58.63	8.32	97.760	57.769	8.307	0.54	14.09
1.57	1.58	14.71	60.21	8.49	97.656	59.312	8.473	0.53	14.71
1.58	1.49	15.32	61.70	8.65	97.548	60.765	8.637	0.53	15.32
1.59	1.39	15.92	63.09	8.81	97.433	62.120	8.796	0.51	15.92
1.60	1.28	16.53	64.37	8.96	97.313	63.365	8.948	0.50	16.53
1.61	1.24	17.13	65.61	9.12	97.186	64.570	9.101	0.50	17.13
1.62	1.26	17.73	66.87	9.28	97.053	65.793	9.261	0.54	17.73
1.63	1.26	18.32	68.13	9.45	96.914	67.014	9.426	0.56	18.32
1.64	1.24	18.91	69.37	9.62	96.768	68.214	9.593	0.58	18.91
1.65	1.21	19.50	70.58	9.79	96.614	69.383	9.760	0.59	19.50
1.66	1.17	20.50	71.75	9.96	96.453	70.512	9.932	0.60	20.50
1.67	1.11	21.48	72.86	10.14	96.285	71.580	10.104	0.59	21.48
1.68	1.03	22.47	73.89	10.31	96.109	72.570	10.273	0.58	22.47
1.69	0.94	23.45	74.83	10.47	95.804	73.471	10.434	0.57	23.45
1.70	0.83	24.42	75.66	10.63	95.587	74.264	10.584	0.53	24.42
1.71	0.76	25.33	76.42	10.77	95.353	74.989	10.726	0.51	25.33
1.72	0.73	26.24	77.15	10.92	95.104	75.683	10.868	0.52	26.24

1.73	0.70	27.15	77.85	11.07	94.843	76.347	11.010	0.52	27.15
1.74	0.66	28.05	78.51	11.21	94.575	76.971	11.148	0.52	28.05
1.75	0.62	28.95	79.13	11.35	94.301	77.556	11.282	0.51	28.95
1.76	0.58	29.83	79.71	11.48	94.025	78.101	11.412	0.50	29.83
1.77	0.54	30.70	80.25	11.61	93.750	78.608	11.536	0.49	30.70
1.78	0.49	31.57	80.74	11.73	93.486	79.066	11.652	0.46	31.57
1.79	0.43	32.44	81.17	11.84	93.233	79.467	11.757	0.42	32.44
1.80	0.38	33.30	81.55	11.94	92.983	79.820	11.852	0.38	33.30
1.81	0.35	34.09	81.90	12.04	92.725	80.144	11.943	0.37	34.09
1.82	0.35	34.88	82.25	12.13	92.451	80.468	12.035	0.38	34.88
1.83	0.34	35.67	82.59	12.23	92.151	80.781	12.126	0.38	35.67
1.84	0.34	36.45	82.93	12.33	91.815	81.094	12.220	0.40	36.45
1.85	0.33	37.23	83.26	12.43	91.435	81.395	12.313	0.41	37.23
1.86	0.32	38.28	83.58	12.53	91.000	81.686	12.405	0.42	38.28
1.87	0.31	39.33	83.89	12.63	90.526	81.967	12.498	0.42	39.33
1.88	0.29	40.37	84.18	12.72	90.037	82.228	12.586	0.42	40.37
1.89	0.28	41.41	84.46	12.82	89.535	82.479	12.674	0.42	41.41
1.90	0.26	42.44	84.72	12.91	89.021	82.710	12.757	0.41	42.44
1.91	0.25	43.39	84.97	13.00	88.499	82.932	12.839	0.41	43.39
1.92	0.25	44.32	85.22	13.09	87.969	83.152	12.922	0.43	44.32
1.93	0.25	45.24	85.47	13.18	87.436	83.370	13.007	0.45	45.24
1.94	0.25	46.13	85.72	13.28	86.899	83.587	13.093	0.47	46.13
1.95	0.25	46.98	85.97	13.38	86.362	83.803	13.180	0.49	46.98
1.96	0.24	47.79	86.21	13.47	85.827	84.009	13.265	0.49	47.79
1.97	0.24	48.34	86.45	13.57	85.296	84.214	13.350	0.51	48.34
1.98	0.24	48.84	86.69	13.67	84.771	84.417	13.436	0.53	48.84
1.99	0.24	49.25	86.93	13.77	84.255	84.620	13.521	0.54	49.25
2.00	0.24	49.61	87.17	13.86	83.748	84.821	13.607	0.56	49.61
2.01	0.24	49.83	87.41	13.96	83.495	85.021	13.692	0.57	49.83
2.02	0.24	50.05	87.65	14.06	82.993	85.220	13.777	0.59	50.05
2.03	0.24	50.27	87.89	14.16	82.493	85.418	13.862	0.61	50.27
2.04	0.24	50.49	88.13	14.26	81.996	85.615	13.946	0.62	50.49
2.05	0.24	50.71	88.37	14.36	81.499	85.811	14.030	0.64	50.71
2.06	0.23	51.49	88.60	14.46	81.004	85.997	14.111	0.63	51.49
2.07	0.23	52.26	88.83	14.55	80.510	86.182	14.193	0.65	52.26
2.08	0.23	53.03	89.06	14.65	80.016	86.366	14.275	0.66	53.03
2.09	0.23	53.80	89.29	14.75	79.521	86.549	14.359	0.68	53.80
2.10	0.23	54.56	89.52	14.86	79.027	86.731	14.443	0.70	54.56
2.11	0.21	55.24	89.73	14.95	78.531	86.896	14.521	0.65	55.24
2.12	0.18	55.92	89.91	15.03	78.034	87.036	14.587	0.57	55.92
2.13	0.15	56.59	90.06	15.10	77.535	87.152	14.644	0.49	56.59
2.14	0.12	57.26	90.18	15.16	77.034	87.245	14.689	0.40	57.26
2.15	0.10	57.92	90.28	15.20	76.530	87.321	14.727	0.34	57.92
2.16	0.08	58.59	90.36	15.24	76.024	87.382	14.757	0.28	58.59
2.17	0.06	59.25	90.42	15.27	75.514	87.428	14.780	0.21	59.25
2.18	0.05	59.90	90.47	15.30	75.000	87.465	14.800	0.18	59.90
2.19	0.04	60.56	90.51	15.32	74.476	87.495	14.815	0.15	60.56
2.20	0.03	61.21	90.54	15.33	73.937	87.517	14.827	0.11	61.21
2.21	0.03	61.79	90.57	15.35	73.382	87.539	14.839	0.12	61.79
2.22	0.03	62.37	90.60	15.36	72.815	87.561	14.851	0.12	62.37
2.23	0.04	62.95	90.64	15.38	72.235	87.590	14.866	0.16	62.95
2.24	0.04	63.52	90.68	15.41	71.643	87.618	14.882	0.16	63.52
2.25	0.06	64.09	90.73	15.43	71.041	87.654	14.902	0.21	64.09
2.26	0.07	64.66	90.80	15.47	70.429	87.703	14.930	0.30	64.66
2.27	0.09	65.23	90.89	15.52	69.808	87.766	14.966	0.39	65.23
2.28	0.11	65.79	91.00	15.58	69.180	87.842	15.010	0.49	65.79
2.29	0.13	66.36	91.13	15.65	68.545	87.931	15.062	0.59	66.36
2.30	0.16	66.92	91.29	15.74	67.905	88.040	15.126	0.74	66.92
2.31	0.31	67.29	91.60	15.92	67.260	88.248	15.250	1.46	67.29
2.32	0.31	67.67	91.91	16.09	66.611	88.455	15.372	1.49	67.67
2.33	0.31	68.04	92.22	16.27	65.960	88.659	15.493	1.52	68.04
2.34	0.31	68.41	92.53	16.44	65.307	88.862	15.614	1.55	68.41

2.35	0.30	68.78	92.83	16.61	64.653	89.056	15.730	1.53	68.78
2.36	0.30	69.15	93.13	16.78	64.000	89.248	15.845	1.56	69.15
2.37	0.30	69.52	93.43	16.95	63.332	89.438	15.959	1.59	69.52
2.38	0.30	69.89	93.73	17.12	62.638	89.626	16.072	1.62	69.89
2.39	0.30	70.25	94.03	17.29	61.920	89.811	16.184	1.65	70.25
2.40	0.30	70.61	94.33	17.46	61.183	89.995	16.295	1.68	70.61
2.41	0.30	70.98	94.63	17.63	60.431	90.176	16.405	1.71	70.98
2.42	0.30	71.34	94.93	17.80	59.667	90.355	16.514	1.74	71.34
2.43	0.29	71.69	95.22	17.96	58.895	90.526	16.618	1.72	71.69
2.44	0.29	72.05	95.51	18.13	58.119	90.695	16.721	1.75	72.05
2.45	0.29	72.41	95.80	18.29	57.344	90.861	16.823	1.78	72.41
2.46	0.29	74.02	96.09	18.46	56.572	91.025	16.926	1.81	74.02
2.47	0.29	75.63	96.38	18.63	55.808	91.187	17.030	1.85	75.63
2.48	0.29	77.24	96.67	18.81	55.056	91.346	17.135	1.88	77.24
2.49	0.29	78.84	96.96	18.99	54.319	91.504	17.241	1.91	78.84
2.50	0.29	80.43	97.25	19.17	53.601	91.659	17.349	1.94	80.43
2.51	0.28	82.01	97.53	19.35	52.906	91.808	17.453	1.90	82.01
2.52	0.28	83.59	97.81	19.53	52.239	91.954	17.558	1.93	83.59
2.53	0.28	85.16	98.09	19.72	51.602	92.098	17.664	1.95	85.16
2.54	0.28	86.73	98.37	19.91	51.000	92.241	17.771	1.98	86.73
2.55	0.28	88.29	98.65	20.10	50.425	92.382	17.879	2.00	88.29
2.56	0.28	89.84	98.93	20.30	49.864	92.522	17.987	2.02	89.84
2.57	0.28	91.39	99.21	20.50	49.317	92.660	18.097	2.05	91.39
2.58	0.28	92.93	99.49	20.71	48.779	92.797	18.207	2.07	92.93
2.59	0.28	94.47	99.77	20.91	48.249	92.932	18.318	2.09	94.47
2.60	0.27	96.00	100.04	21.12	47.726	93.061	18.425	2.03	96.00

HEAD ASH %	21.12	CLEAN COAL ASH %	18.43	REFUSE ASH %	57.20
THEO. YIELD	96.03	CLEAN COAL YIELD%	93.06	REFUSE YIELD%	6.94
SG OF SEPARATION	2.458	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	5.804	IMPERFECTION	0.382		
ORGANIC EFFCY.	96.90				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 36 WID: WA1 EQUIPE WOC2 SG-ASH -0.00 EP 0.0 SG ****
----------FLOAT----------
FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 10.80 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.42	0.01	0.42	0.01	99.521	0.418	0.010	0.02	0.01
1.25	0.42	0.01	0.84	0.01	99.485	0.836	0.010	0.02	0.01
1.26	0.41	0.01	1.25	0.01	99.448	1.244	0.010	0.02	0.01
1.27	0.41	0.01	1.66	0.01	99.410	1.651	0.010	0.02	0.01
1.28	0.41	0.01	2.07	0.01	99.372	2.059	0.010	0.02	0.01
1.29	0.40	0.01	2.47	0.01	99.333	2.456	0.010	0.02	0.01
1.30	0.40	0.01	2.87	0.01	99.294	2.853	0.010	0.02	0.01
1.31	0.40	0.01	3.27	0.01	99.253	3.250	0.010	0.02	0.01
1.32	0.34	0.49	3.61	0.06	99.212	3.587	0.055	0.02	0.49
1.33	0.34	1.45	3.95	0.18	99.171	3.925	0.175	0.02	1.45
1.34	0.34	2.40	4.29	0.35	99.129	4.262	0.351	0.02	2.40
1.35	0.33	3.35	4.62	0.57	99.087	4.589	0.565	0.02	3.35
1.36	0.33	4.28	4.95	0.81	99.044	4.915	0.812	0.02	4.28
1.37	0.33	5.21	5.28	1.09	99.000	5.242	1.086	0.03	5.21
1.38	0.33	6.14	5.61	1.39	98.956	5.569	1.382	0.03	6.14
1.39	0.32	7.05	5.93	1.69	98.911	5.885	1.687	0.03	7.05
1.40	0.32	7.96	6.25	2.01	98.864	6.202	2.007	0.03	7.96
1.41	1.83	8.71	8.08	3.53	98.816	8.010	3.520	0.16	8.71
1.42	2.27	9.42	10.35	4.82	98.766	10.252	4.811	0.21	9.42
1.43	2.59	10.10	12.94	5.88	98.715	12.809	5.866	0.25	10.10
1.44	2.79	10.73	15.73	6.74	98.661	15.561	6.727	0.28	10.73
1.45	2.87	11.31	18.60	7.44	98.605	18.391	7.432	0.30	11.31
1.46	2.83	11.81	21.43	8.02	98.546	21.180	8.008	0.31	11.81
1.47	2.67	12.25	24.10	8.49	98.484	23.810	8.477	0.31	12.25
1.48	2.39	12.64	26.49	8.86	98.419	26.162	8.851	0.29	12.64
1.49	1.99	13.01	28.48	9.15	98.351	28.119	9.141	0.25	13.01
1.50	1.46	13.36	29.94	9.36	98.279	29.554	9.345	0.19	13.36
1.51	1.16	13.63	31.10	9.52	98.203	30.693	9.504	0.16	13.63
1.52	1.14	13.91	32.24	9.67	98.124	31.812	9.659	0.16	13.91
1.53	1.12	14.18	33.36	9.82	98.040	32.910	9.810	0.17	14.18
1.54	1.10	14.44	34.46	9.97	97.951	33.987	9.957	0.17	14.44
1.55	1.07	14.71	35.53	10.11	97.858	35.034	10.099	0.17	14.71
1.56	1.04	15.69	36.57	10.27	97.760	36.051	10.257	0.18	15.69
1.57	1.00	16.66	37.57	10.44	97.656	37.028	10.426	0.18	16.66
1.58	0.96	17.62	38.53	10.62	97.548	37.964	10.603	0.18	17.62
1.59	0.92	18.57	39.45	10.81	97.433	38.860	10.787	0.18	18.57
1.60	0.87	19.53	40.32	11.00	97.313	39.707	10.973	0.18	19.53
1.61	0.84	20.22	41.16	11.18	97.186	40.523	11.160	0.18	20.22
1.62	0.83	20.92	41.99	11.38	97.053	41.329	11.350	0.19	20.92
1.63	0.83	21.61	42.82	11.57	96.914	42.133	11.546	0.19	21.61
1.64	0.83	22.30	43.65	11.78	96.768	42.936	11.747	0.20	22.30
1.65	0.83	22.98	44.48	11.99	96.614	43.738	11.953	0.21	22.98
1.66	0.83	23.71	45.31	12.20	96.453	44.539	12.164	0.22	23.71
1.67	0.83	24.43	46.14	12.42	96.285	45.338	12.380	0.23	24.43
1.68	0.84	25.15	46.98	12.65	96.109	46.145	12.604	0.25	25.15
1.69	0.84	25.87	47.82	12.88	95.804	46.950	12.831	0.27	25.87
1.70	0.85	26.58	48.67	13.12	95.587	47.763	13.065	0.29	26.58
1.71	0.87	27.09	49.54	13.37	95.353	48.592	13.305	0.31	27.09
1.72	0.88	27.61	50.42	13.61	95.104	49.429	13.547	0.33	27.61

1.73	0.90	28.12	51.32	13.87	94.843	50.283	13.794	0.35	28.12
1.74	0.90	28.63	52.22	14.12	94.575	51.134	14.041	0.37	28.63
1.75	0.90	29.13	53.12	14.38	94.301	51.983	14.287	0.39	29.13
1.76	0.90	29.98	54.02	14.64	94.025	52.829	14.539	0.41	29.98
1.77	0.88	30.81	54.90	14.90	93.750	53.654	14.789	0.42	30.81
1.78	0.86	31.65	55.76	15.16	93.486	54.458	15.038	0.43	31.65
1.79	0.83	32.48	56.59	15.41	93.233	55.232	15.282	0.43	32.48
1.80	0.80	33.30	57.39	15.66	92.983	55.975	15.522	0.43	33.30
1.81	0.76	33.89	58.15	15.90	92.725	56.680	15.750	0.42	33.89
1.82	0.72	34.48	58.87	16.12	92.451	57.346	15.968	0.41	34.48
1.83	0.69	35.07	59.56	16.34	92.151	57.982	16.177	0.41	35.07
1.84	0.67	35.65	60.23	16.56	91.815	58.597	16.381	0.42	35.65
1.85	0.65	36.22	60.88	16.77	91.435	59.191	16.581	0.42	36.22
1.86	0.63	37.25	61.51	16.98	91.000	59.764	16.779	0.43	37.25
1.87	0.62	38.27	62.13	17.19	90.526	60.326	16.979	0.45	38.27
1.88	0.61	39.28	62.74	17.41	90.037	60.875	17.180	0.46	39.28
1.89	0.61	40.29	63.35	17.63	89.535	61.421	17.386	0.49	40.29
1.90	0.62	41.29	63.97	17.86	89.021	61.973	17.598	0.52	41.29
1.91	0.62	42.13	64.59	18.09	88.499	62.522	17.814	0.54	42.13
1.92	0.61	42.96	65.20	18.32	87.969	63.058	18.028	0.56	42.96
1.93	0.61	43.78	65.81	18.56	87.436	63.592	18.244	0.58	43.78
1.94	0.61	44.61	66.42	18.80	86.899	64.122	18.462	0.61	44.61
1.95	0.61	45.42	67.03	19.04	86.362	64.649	18.681	0.63	45.42
1.96	0.60	46.15	67.63	19.28	85.827	65.164	18.898	0.65	46.15
1.97	0.61	46.88	68.24	19.53	85.296	65.684	19.120	0.68	46.88
1.98	0.61	47.61	68.85	19.77	84.771	66.201	19.343	0.71	47.61
1.99	0.61	48.33	69.46	20.03	84.255	66.715	19.566	0.73	48.33
2.00	0.62	49.04	70.08	20.28	83.748	67.234	19.794	0.77	49.04
2.01	0.67	49.55	70.75	20.56	83.495	67.794	20.039	0.84	49.55
2.02	0.75	50.06	71.50	20.87	82.993	68.416	20.312	0.97	50.06
2.03	0.80	50.57	72.30	21.20	82.493	69.076	20.601	1.06	50.57
2.04	0.82	51.07	73.12	21.53	81.996	69.748	20.895	1.12	51.07
2.05	0.82	51.57	73.94	21.87	81.499	70.417	21.186	1.15	51.57
2.06	0.79	52.65	74.73	22.19	81.004	71.057	21.470	1.14	52.65
2.07	0.73	53.73	75.46	22.50	80.510	71.644	21.734	1.08	53.73
2.08	0.64	54.80	76.10	22.77	80.016	72.156	21.969	0.97	54.80
2.09	0.52	55.86	76.62	22.99	79.521	72.570	22.162	0.81	55.86
2.10	0.37	56.92	76.99	23.16	79.027	72.862	22.301	0.59	56.92
2.11	0.28	58.04	77.27	23.28	78.531	73.082	22.409	0.46	58.04
2.12	0.26	59.15	77.53	23.40	78.034	73.285	22.511	0.43	59.15
2.13	0.25	60.26	77.78	23.52	77.535	73.479	22.610	0.43	60.26
2.14	0.24	61.36	78.02	23.64	77.034	73.664	22.708	0.42	61.36
2.15	0.23	62.46	78.25	23.75	76.530	73.840	22.802	0.41	62.46
2.16	0.22	62.69	78.47	23.86	76.024	74.007	22.893	0.40	62.69
2.17	0.22	62.91	78.69	23.97	75.514	74.173	22.982	0.41	62.91
2.18	0.22	63.14	78.91	24.08	75.000	74.338	23.071	0.42	63.14
2.19	0.23	63.37	79.14	24.19	74.476	74.509	23.164	0.45	63.37
2.20	0.24	63.59	79.38	24.31	73.937	74.687	23.260	0.48	63.59
2.21	0.24	63.67	79.62	24.43	73.382	74.863	23.355	0.49	63.67
2.22	0.24	63.76	79.86	24.55	72.815	75.038	23.449	0.50	63.76
2.23	0.25	63.84	80.11	24.67	72.235	75.218	23.546	0.53	63.84
2.24	0.25	63.92	80.36	24.79	71.643	75.398	23.642	0.54	63.92
2.25	0.25	64.00	80.61	24.92	71.041	75.575	23.737	0.55	64.00
2.26	0.25	65.25	80.86	25.04	70.429	75.751	23.833	0.56	65.25
2.27	0.25	66.49	81.11	25.17	69.808	75.926	23.931	0.57	66.49
2.28	0.25	67.72	81.36	25.30	69.180	76.099	24.031	0.59	67.72
2.29	0.25	68.95	81.61	25.43	68.545	76.270	24.132	0.60	68.95
2.30	0.26	70.17	81.87	25.57	67.905	76.447	24.238	0.63	70.17
2.31	0.64	71.13	82.51	25.93	67.260	76.877	24.501	1.59	71.13
2.32	0.64	72.08	83.15	26.28	66.611	77.303	24.763	1.62	72.08
2.33	0.64	73.02	83.79	26.64	65.960	77.725	25.025	1.66	73.02
2.34	0.63	73.96	84.42	26.99	65.307	78.137	25.283	1.66	73.96

2.35	0.63	74.90	85.05	27.35	64.653	78.544	25.540	1.69	74.90
2.36	0.63	75.83	85.68	27.70	64.000	78.947	25.797	1.72	75.83
2.37	0.63	76.76	86.31	28.06	63.332	79.346	26.053	1.76	76.76
2.38	0.62	77.69	86.93	28.42	62.638	79.735	26.305	1.76	77.69
2.39	0.62	78.61	87.55	28.77	61.920	80.119	26.556	1.80	78.61
2.40	0.62	79.53	88.17	29.13	61.183	80.498	26.805	1.83	79.53
2.41	0.61	80.44	88.78	29.48	60.431	80.867	27.050	1.84	80.44
2.42	0.61	81.35	89.39	29.84	59.667	81.231	27.293	1.87	81.35
2.43	0.61	82.25	90.00	30.19	58.895	81.590	27.535	1.91	82.25
2.44	0.61	83.16	90.61	30.55	58.119	81.944	27.776	1.94	83.16
2.45	0.60	84.06	91.21	30.90	57.344	82.288	28.011	1.95	84.06
2.46	0.60	84.87	91.81	31.25	56.572	82.628	28.245	1.98	84.87
2.47	0.60	85.69	92.41	31.61	55.808	82.963	28.476	2.02	85.69
2.48	0.60	86.50	93.01	31.96	55.056	83.293	28.707	2.05	86.50
2.49	0.60	87.31	93.61	32.31	54.319	83.619	28.935	2.08	87.31
2.50	0.59	88.12	94.20	32.66	53.601	83.935	29.158	2.08	88.12
2.51	0.59	88.92	94.79	33.01	52.906	84.247	29.379	2.11	88.92
2.52	0.59	89.72	95.38	33.36	52.239	84.556	29.599	2.14	89.72
2.53	0.59	90.51	95.97	33.72	51.602	84.860	29.818	2.17	90.51
2.54	0.58	91.31	96.55	34.06	51.000	85.156	30.032	2.16	91.31
2.55	0.58	92.10	97.13	34.41	50.425	85.448	30.244	2.19	92.10
2.56	0.58	92.88	97.71	34.76	49.864	85.738	30.455	2.21	92.88
2.57	0.58	93.67	98.29	35.10	49.317	86.024	30.666	2.24	93.67
2.58	0.57	94.45	98.86	35.45	48.779	86.302	30.871	2.22	94.45
2.59	0.57	95.23	99.43	35.79	48.249	86.577	31.075	2.24	95.23
2.60	0.57	96.00	100.00	36.13	47.726	86.849	31.279	2.27	96.00

HEAD ASH %	36.13	CLEAN COAL ASH %	31.28	REFUSE ASH %	68.17
THEO. YIELD	91.86	CLEAN COAL YIELD%	86.85	REFUSE YIELD%	13.15
SG OF SEPARATION	2.461	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	12.026	IMPERFECTION	0.382		
ORGANIC EFFCY.	94.55				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 37 WID: WA1 EQUIPE WOC2 SG-ASH ***** EP 0.0 SG ****

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 17.11 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	1.22	0.01	1.22	0.01	99.521	1.214	0.010	0.06	0.01
1.25	1.33	0.01	2.55	0.01	99.485	2.537	0.010	0.07	0.01
1.26	1.43	0.01	3.98	0.01	99.448	3.959	0.010	0.08	0.01
1.27	1.54	0.01	5.52	0.01	99.410	5.490	0.010	0.09	0.01
1.28	1.64	0.01	7.16	0.01	99.372	7.120	0.010	0.10	0.01
1.29	1.74	0.01	8.90	0.01	99.333	8.848	0.010	0.11	0.01
1.30	1.83	0.01	10.73	0.01	99.294	10.665	0.010	0.13	0.01
1.31	1.93	0.01	12.66	0.01	99.253	12.581	0.010	0.14	0.01
1.32	0.86	0.60	13.52	0.05	99.212	13.434	0.047	0.07	0.60
1.33	0.90	1.76	14.42	0.15	99.171	14.327	0.154	0.07	1.76
1.34	0.93	2.91	15.35	0.32	99.129	15.249	0.321	0.08	2.91
1.35	0.97	4.05	16.32	0.54	99.087	16.210	0.542	0.09	4.05
1.36	1.01	5.19	17.33	0.81	99.044	17.210	0.812	0.10	5.19
1.37	1.04	6.31	18.37	1.12	99.000	18.240	1.122	0.10	6.31
1.38	1.07	7.43	19.44	1.47	98.956	19.299	1.468	0.11	7.43
1.39	1.11	8.54	20.55	1.85	98.911	20.397	1.849	0.12	8.54
1.40	1.14	9.64	21.69	2.26	98.864	21.524	2.257	0.13	9.64
1.41	1.97	10.54	23.66	2.95	98.816	23.470	2.944	0.23	10.54
1.42	2.36	11.38	26.02	3.72	98.766	25.801	3.706	0.29	11.38
1.43	2.64	12.17	28.66	4.50	98.715	28.407	4.483	0.34	12.17
1.44	2.80	12.87	31.46	5.24	98.661	31.170	5.226	0.37	12.87
1.45	2.84	13.48	34.30	5.92	98.608	33.970	5.906	0.39	13.48
1.46	2.77	14.04	37.07	6.53	98.556	36.700	6.511	0.40	14.04
1.47	2.58	14.59	39.65	7.05	98.484	39.241	7.035	0.39	14.59
1.48	2.27	15.15	41.92	7.49	98.419	41.475	7.472	0.36	15.15
1.49	1.85	15.70	43.77	7.84	98.351	43.294	7.817	0.30	15.70
1.50	1.31	16.25	45.08	8.08	98.279	44.582	8.061	0.22	16.25
1.51	1.00	16.72	46.08	8.27	98.203	45.564	8.248	0.18	16.72
1.52	0.98	17.18	47.06	8.46	98.124	46.525	8.432	0.18	17.18
1.53	0.97	17.64	48.03	8.64	98.040	47.476	8.617	0.19	17.64
1.54	0.96	18.10	48.99	8.83	97.951	48.417	8.801	0.19	18.10
1.55	0.95	18.55	49.94	9.01	97.858	49.346	8.985	0.20	18.55
1.56	0.95	19.17	50.89	9.20	97.760	50.275	9.173	0.21	19.17
1.57	0.94	19.79	51.83	9.39	97.656	51.193	9.363	0.22	19.79
1.58	0.93	20.40	52.76	9.59	97.548	52.100	9.555	0.23	20.40
1.59	0.92	21.00	53.68	9.78	97.433	52.997	9.749	0.23	21.00
1.60	0.92	21.61	54.60	9.98	97.313	53.892	9.946	0.24	21.61
1.61	0.92	22.09	55.52	10.18	97.186	54.786	10.144	0.26	22.09
1.62	0.92	22.56	56.44	10.39	97.053	55.679	10.343	0.27	22.56
1.63	0.92	23.04	57.36	10.59	96.914	56.571	10.543	0.28	23.04
1.64	0.92	23.51	58.28	10.79	96.768	57.461	10.744	0.29	23.51
1.65	0.92	23.98	59.20	11.00	96.614	58.350	10.946	0.31	23.98
1.66	0.91	24.48	60.11	11.20	96.453	59.227	11.146	0.32	24.48
1.67	0.91	24.98	61.02	11.41	96.285	60.104	11.348	0.33	24.98
1.68	0.91	25.47	61.93	11.61	96.109	60.978	11.551	0.35	25.47
1.69	0.91	25.97	62.84	11.82	95.804	61.850	11.754	0.38	25.97
1.70	0.90	26.45	63.74	12.03	95.587	62.710	11.955	0.39	26.45
1.71	0.90	26.79	64.64	12.23	95.353	63.568	12.156	.41	26.79
1.72	0.88	27.12	65.52	12.43	95.104	64.405	12.350	.43	27.12

1.73	0.87	27.44	66.39	12.63	94.843	65.231	12.541	0.44	27.44
1.74	0.84	27.77	67.23	12.82	94.575	66.025	12.724	0.45	27.77
1.75	0.81	28.10	68.04	13.00	94.301	66.789	12.900	0.46	28.10
1.76	0.77	28.88	68.81	13.18	94.025	67.513	13.072	0.46	28.88
1.77	0.73	29.67	69.54	13.35	93.750	68.197	13.238	0.45	29.67
1.78	0.68	30.44	70.22	13.52	93.486	68.833	13.397	0.44	30.44
1.79	0.62	31.22	70.84	13.67	93.233	69.411	13.545	0.42	31.22
1.80	0.56	31.99	71.40	13.82	92.983	69.932	13.683	0.39	31.99
1.81	0.51	32.70	71.91	13.95	92.725	70.405	13.810	0.37	32.70
1.82	0.47	33.41	72.38	14.08	92.451	70.839	13.931	0.35	33.41
1.83	0.44	34.12	72.82	14.20	92.151	71.244	14.046	0.34	34.12
1.84	0.41	34.83	73.23	14.31	91.815	71.621	14.155	0.33	34.83
1.85	0.38	35.52	73.61	14.42	91.435	71.968	14.258	0.32	35.52
1.86	0.36	36.69	73.97	14.53	91.000	72.296	14.360	0.32	36.69
1.87	0.35	37.84	74.32	14.64	90.526	72.613	14.462	0.33	37.84
1.88	0.33	39.00	74.65	14.75	90.037	72.910	14.562	0.33	39.00
1.89	0.32	40.14	74.97	14.86	89.535	73.196	14.662	0.33	40.14
1.90	0.32	41.28	75.29	14.97	89.021	73.481	14.765	0.35	41.28
1.91	0.31	42.22	75.60	15.08	88.499	73.756	14.868	0.35	42.22
1.92	0.31	43.15	75.91	15.20	87.969	74.028	14.972	0.37	43.15
1.93	0.30	44.08	76.21	15.31	87.436	74.291	15.074	0.37	44.08
1.94	0.30	45.00	76.51	15.43	86.899	74.551	15.179	0.39	45.00
1.95	0.30	45.92	76.81	15.54	86.362	74.810	15.286	0.41	45.92
1.96	0.30	46.56	77.11	15.67	85.827	75.068	15.393	0.42	46.56
1.97	0.30	47.20	77.41	15.79	85.296	75.324	15.501	0.44	47.20
1.98	0.31	47.83	77.72	15.92	84.771	75.587	15.613	0.47	47.83
1.99	0.31	48.46	78.03	16.04	84.255	75.848	15.726	0.48	48.46
2.00	0.32	49.09	78.35	16.18	83.748	76.116	15.844	0.52	49.09
2.01	0.33	49.58	78.68	16.32	83.495	76.391	15.966	0.54	49.58
2.02	0.34	50.07	79.02	16.46	82.993	76.674	16.091	0.57	50.07
2.03	0.35	50.55	79.37	16.61	82.493	76.962	16.220	0.61	50.55
2.04	0.36	51.03	79.73	16.77	81.996	77.257	16.353	0.64	51.03
2.05	0.36	51.52	80.09	16.93	81.499	77.551	16.486	0.66	51.52
2.06	0.36	52.22	80.45	17.08	81.004	77.842	16.620	0.68	52.22
2.07	0.36	52.93	80.81	17.24	80.510	78.132	16.755	0.70	52.93
2.08	0.36	53.63	81.17	17.41	80.016	78.420	16.890	0.71	53.63
2.09	0.35	54.33	81.52	17.56	79.521	78.699	17.023	0.71	54.33
2.10	0.34	55.02	81.86	17.72	79.027	78.967	17.152	0.71	55.02
2.11	0.31	55.59	82.17	17.86	78.531	79.211	17.270	0.66	55.59
2.12	0.26	56.17	82.43	17.98	78.034	79.414	17.370	0.57	56.17
2.13	0.22	56.74	82.65	18.09	77.535	79.584	17.454	0.49	56.74
2.14	0.19	57.30	82.84	18.18	77.034	79.731	17.527	0.43	57.30
2.15	0.16	57.87	83.00	18.25	76.530	79.853	17.589	0.37	57.87
2.16	0.14	58.43	83.14	18.32	76.024	79.960	17.643	0.33	58.43
2.17	0.12	58.99	83.26	18.38	75.514	80.050	17.690	0.29	58.99
2.18	0.10	59.54	83.36	18.43	75.000	80.125	17.729	0.25	59.54
2.19	0.09	60.10	83.45	18.47	74.476	80.192	17.765	0.23	60.10
2.20	0.08	60.65	83.53	18.51	73.937	80.251	17.796	0.21	60.65
2.21	0.08	61.30	83.61	18.55	73.382	80.310	17.828	0.21	61.30
2.22	0.08	61.95	83.69	18.60	72.815	80.368	17.860	0.22	61.95
2.23	0.09	62.60	83.78	18.64	72.235	80.433	17.896	0.25	62.60
2.24	0.10	63.24	83.88	18.70	71.643	80.505	17.937	0.28	63.24
2.25	0.11	63.89	83.99	18.76	71.041	80.583	17.981	0.32	63.89
2.26	0.13	64.53	84.12	18.83	70.429	80.675	18.034	0.38	64.53
2.27	0.16	65.16	84.28	18.91	69.808	80.786	18.099	0.48	65.16
2.28	0.19	65.79	84.47	19.02	69.180	80.918	18.177	0.58	65.79
2.29	0.22	66.42	84.69	19.14	68.545	81.069	18.267	0.69	66.42
2.30	0.26	67.05	84.95	19.29	67.905	81.245	18.373	0.83	67.05
2.31	0.53	67.43	86.48	19.59	67.260	81.602	18.587	1.72	67.43
2.32	0.53	67.81	86.01	19.89	66.611	81.955	18.799	1.75	67.81
2.33	0.53	68.18	86.54	20.18	65.960	82.304	19.009	1.79	68.18
2.34	0.53	68.56	87.07	20.48	65.307	82.650	19.216	1.82	68.56

2.35	0.53	68.93	87.60	20.77	64.653	82.993	19.421	1.86	68.93
2.36	0.52	69.30	88.12	21.06	64.000	83.326	19.621	1.86	69.30
2.37	0.52	69.67	88.64	21.34	63.332	83.655	19.818	1.89	69.67
2.38	0.52	70.03	89.16	21.62	62.638	83.981	20.012	1.93	70.03
2.39	0.52	70.40	89.68	21.91	61.920	84.303	20.205	1.96	70.40
2.40	0.51	70.76	90.19	22.18	61.183	84.615	20.391	1.96	70.76
2.41	0.51	71.12	90.70	22.46	60.431	84.923	20.575	2.00	71.12
2.42	0.51	71.49	91.21	22.73	59.667	85.227	20.757	2.04	71.49
2.43	0.51	71.85	91.72	23.01	58.895	85.528	20.937	2.08	71.85
2.44	0.51	72.20	92.23	23.28	58.119	85.824	21.114	2.12	72.20
2.45	0.50	72.56	92.73	23.54	57.344	86.111	21.285	2.11	72.56
2.46	0.50	74.17	93.23	23.82	56.572	86.394	21.458	2.15	74.17
2.47	0.50	75.77	93.73	24.09	55.808	86.673	21.633	2.19	75.77
2.48	0.50	77.36	94.23	24.37	55.056	86.948	21.809	2.23	77.36
2.49	0.50	78.95	94.73	24.66	54.319	87.220	21.987	2.26	78.95
2.50	0.49	80.53	95.22	24.95	53.601	87.482	22.163	2.25	80.53
2.51	0.49	82.10	95.71	25.24	52.906	87.742	22.340	2.29	82.10
2.52	0.49	83.67	96.20	25.54	52.239	87.997	22.518	2.32	83.67
2.53	0.49	85.23	96.69	25.84	51.602	88.250	22.698	2.35	85.23
2.54	0.49	86.79	97.18	26.15	51.000	88.500	22.879	2.38	86.79
2.55	0.48	88.34	97.66	26.46	50.425	88.742	23.058	2.36	88.34
2.56	0.48	89.88	98.14	26.77	49.864	88.982	23.238	2.38	89.88
2.57	0.48	91.42	98.62	27.08	49.317	89.218	23.419	2.41	91.42
2.58	0.48	92.95	99.10	27.40	48.779	89.452	23.601	2.44	92.95
2.59	0.48	94.48	99.58	27.72	48.249	89.684	23.784	2.46	94.48
2.60	0.47	96.00	100.05	28.04	47.726	89.908	23.964	2.43	96.00

HEAD ASH %	28.04	CLEAN COAL ASH %	23.96	REFUSE ASH %	64.40
THEO. YIELD	93.50	CLEAN COAL YIELD%	89.91	REFUSE YIELD%	10.09
SG OF SEPARATION	2.465	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	9.999	IMPERFECTION	0.382		
ORGANIC EFFCY.	96.16				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 38 WID: WA1 EQUIPE WOC2 SG-ASH 0.00 EP 0.0 SG 0.00

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 13.20 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-THE	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.42	0.48	0.42	0.48	99.521	0.418	0.480	0.04	0.48
1.25	0.42	0.94	0.84	0.71	99.485	0.836	0.710	0.04	0.94
1.26	0.41	1.39	1.25	0.93	99.448	1.244	0.933	0.04	1.39
1.27	0.41	1.85	1.66	1.16	99.410	1.651	1.159	0.04	1.85
1.28	0.41	2.30	2.07	1.39	99.372	2.059	1.385	0.05	2.30
1.29	0.40	2.75	2.47	1.61	99.333	2.456	1.606	0.05	2.75
1.30	0.40	3.19	2.87	1.83	99.294	2.853	1.826	0.05	3.19
1.31	0.40	3.63	3.27	2.05	99.253	3.250	2.047	0.05	3.63
1.32	0.40	3.92	3.67	2.25	99.212	3.647	2.251	0.06	3.92
1.33	0.39	4.08	4.06	2.43	99.171	4.034	2.428	0.06	4.08
1.34	0.39	4.23	4.45	2.59	99.129	4.420	2.584	0.06	4.23
1.35	0.39	4.38	4.84	2.73	99.087	4.807	2.728	0.06	4.38
1.36	0.38	4.53	5.22	2.86	99.044	5.183	2.859	0.07	4.53
1.37	0.38	4.68	5.60	2.98	99.000	5.559	2.982	0.07	4.68
1.38	0.38	4.83	5.98	3.10	98.956	5.935	3.099	0.07	4.83
1.39	0.38	4.97	6.36	3.21	98.911	6.311	3.211	0.07	4.97
1.40	0.37	5.12	6.73	3.32	98.864	6.677	3.315	0.08	5.12
1.41	3.09	5.23	9.82	3.92	98.816	9.730	3.916	0.66	5.23
1.42	3.51	5.33	13.33	4.29	98.766	13.197	4.288	0.78	5.33
1.43	3.83	5.44	17.16	4.55	98.715	16.978	4.544	0.88	5.44
1.44	4.04	5.55	21.20	4.74	98.661	20.964	4.735	0.97	5.55
1.45	4.15	5.65	25.35	4.89	98.605	25.056	4.885	1.04	5.65
1.46	4.15	5.32	29.50	5.09	98.546	29.146	5.086	1.08	6.32
1.47	4.06	6.98	33.56	5.32	98.484	33.144	5.315	1.10	6.98
1.48	3.85	7.64	37.41	5.56	98.419	36.933	5.553	1.09	7.64
1.49	3.55	8.29	40.96	5.79	98.351	40.425	5.790	1.05	8.29
1.50	3.14	8.94	44.10	6.02	98.279	43.511	6.013	0.97	8.94
1.51	2.93	9.56	47.03	6.24	98.203	46.388	6.233	0.94	9.56
1.52	2.96	10.17	49.99	6.47	98.124	49.292	6.465	1.00	10.17
1.53	2.94	10.78	52.93	6.71	98.040	52.175	6.703	1.03	10.78
1.54	2.88	11.38	55.81	6.95	97.951	54.996	6.943	1.06	11.38
1.55	2.77	11.98	58.58	7.19	97.858	57.706	7.180	1.06	11.98
1.56	2.62	12.73	61.20	7.43	97.760	60.268	7.416	1.05	12.73
1.57	2.43	13.48	63.63	7.66	97.656	62.641	7.645	1.02	13.48
1.58	2.19	14.23	65.82	7.88	97.548	64.777	7.863	0.96	14.23
1.59	1.91	14.97	67.73	8.08	97.433	66.638	8.061	0.88	14.97
1.60	1.58	15.70	69.31	8.25	97.313	68.176	8.233	0.76	15.70
1.61	1.36	16.46	70.67	8.41	97.186	69.497	8.390	0.69	16.46
1.62	1.28	17.21	71.95	8.56	97.053	70.740	8.545	0.68	17.21
1.63	1.20	17.95	73.15	8.72	96.914	71.903	8.697	0.66	17.95
1.64	1.12	18.70	74.27	8.87	96.768	72.986	8.845	0.65	18.70
1.65	1.04	19.43	75.31	9.02	96.614	73.991	8.989	0.63	19.43
1.66	0.97	20.20	76.28	9.16	96.453	74.927	9.129	0.62	20.20
1.67	0.89	20.96	77.17	9.29	96.285	75.784	9.263	0.59	20.96
1.68	0.82	21.71	77.99	9.42	96.109	76.572	9.391	0.57	21.71
1.69	0.75	22.46	78.74	9.55	95.804	77.290	9.513	0.56	22.46
1.70	0.68	23.21	79.42	9.67	95.587	77.940	9.627	0.54	23.21
1.71	0.65	23.81	80.07	9.78	95.353	78.560	9.739	0.54	23.81
1.72	0.65	24.41	80.72	9.90	95.104	79.178	9.853	0.57	24.41

1.73	0.65	25.01	81.37	10.02	94.843	79.795	9.970	0.60	25.01
1.74	0.64	25.60	82.01	10.14	94.575	80.400	10.088	0.62	25.60
1.75	0.62	26.19	82.63	10.26	94.301	80.985	10.204	0.63	26.19
1.76	0.60	27.53	83.23	10.39	94.025	81.549	10.324	0.64	27.53
1.77	0.57	28.86	83.80	10.51	93.750	82.083	10.446	0.64	28.86
1.78	0.54	30.19	84.34	10.64	93.486	82.588	10.565	0.63	30.19
1.79	0.50	31.51	84.84	10.76	93.233	83.054	10.683	0.61	31.51
1.80	0.45	32.82	85.29	10.88	92.983	83.473	10.794	0.57	32.82
1.81	0.43	34.06	85.72	10.99	92.725	83.871	10.905	0.56	34.06
1.82	0.43	35.29	86.15	11.11	92.451	84.269	11.020	0.58	35.29
1.83	0.42	36.51	86.57	11.24	92.151	84.656	11.136	0.59	36.51
1.84	0.41	37.73	86.98	11.36	91.815	85.032	11.254	0.60	37.73
1.85	0.39	38.94	87.37	11.48	91.435	85.389	11.370	0.60	38.94
1.86	0.37	39.50	87.74	11.60	91.000	85.726	11.480	0.60	39.50
1.87	0.34	40.05	88.08	11.71	90.526	86.033	11.582	0.58	40.05
1.88	0.31	40.61	88.39	11.81	90.037	86.313	11.676	0.55	40.61
1.89	0.27	41.15	88.66	11.90	89.535	86.554	11.758	0.51	41.15
1.90	0.22	41.70	88.88	11.98	89.021	86.750	11.826	0.43	41.70
1.91	0.20	42.26	89.08	12.05	88.499	86.927	11.888	0.41	42.26
1.92	0.19	42.81	89.27	12.11	87.969	87.094	11.947	0.41	42.81
1.93	0.18	43.36	89.45	12.17	87.436	87.252	12.004	0.41	43.36
1.94	0.18	43.91	89.63	12.24	86.899	87.408	12.061	0.42	43.91
1.95	0.18	44.46	89.81	12.30	86.362	87.564	12.119	0.44	44.46
1.96	0.18	45.22	89.99	12.37	85.827	87.718	12.177	0.46	45.22
1.97	0.18	45.98	90.17	12.43	85.296	87.872	12.236	0.47	45.98
1.98	0.18	46.74	90.35	12.50	84.771	88.024	12.296	0.49	46.74
1.99	0.19	47.49	90.54	12.58	84.255	88.184	12.360	0.54	47.49
2.00	0.19	48.24	90.73	12.65	83.748	88.343	12.424	0.55	48.24
2.01	0.20	48.77	90.93	12.73	83.495	88.510	12.493	0.59	48.77
2.02	0.21	49.29	91.14	12.81	82.993	88.685	12.565	0.64	49.29
2.03	0.21	49.81	91.35	12.90	82.493	88.858	12.638	0.66	49.81
2.04	0.21	50.33	91.56	12.99	81.996	89.030	12.711	0.68	50.33
2.05	0.21	50.84	91.77	13.07	81.499	89.201	12.784	0.70	50.84
2.06	0.21	51.66	91.98	13.16	81.004	89.371	12.858	0.72	51.66
2.07	0.21	52.47	92.19	13.25	80.510	89.540	12.933	0.73	52.47
2.08	0.20	53.29	92.39	13.34	80.016	89.700	13.005	0.72	53.29
2.09	0.20	54.09	92.59	13.42	79.521	89.859	13.077	0.73	54.09
2.10	0.19	54.90	92.78	13.51	79.027	90.010	13.147	0.72	54.90
2.11	0.17	55.72	92.95	13.59	78.531	90.143	13.210	0.65	55.72
2.12	0.15	56.54	93.10	13.66	78.034	90.260	13.266	0.59	56.54
2.13	0.13	57.36	93.23	13.72	77.535	90.361	13.316	0.52	57.36
2.14	0.11	58.17	93.34	13.77	77.034	90.446	13.358	0.45	58.17
2.15	0.09	58.98	93.43	13.81	76.530	90.515	13.392	0.38	58.98
2.16	0.08	59.78	93.51	13.85	76.024	90.575	13.423	0.34	59.78
2.17	0.07	60.59	93.58	13.89	75.514	90.628	13.451	0.31	60.59
2.18	0.06	61.38	93.64	13.92	75.000	90.673	13.475	0.27	61.38
2.19	0.05	62.18	93.69	13.94	74.476	90.710	13.495	0.23	62.18
2.20	0.05	62.97	93.74	13.97	73.937	90.747	13.515	0.23	62.97
2.21	0.05	63.50	93.79	14.00	73.382	90.784	13.535	0.24	63.50
2.22	0.05	64.04	93.84	14.02	72.815	90.821	13.555	0.24	64.04
2.23	0.05	64.57	93.89	14.05	72.235	90.857	13.576	0.25	64.57
2.24	0.05	65.10	93.94	14.08	71.643	90.892	13.596	0.25	65.10
2.25	0.06	65.63	94.00	14.11	71.041	90.935	13.620	0.31	65.63
2.26	0.07	66.16	94.07	14.15	70.429	90.984	13.649	0.37	66.16
2.27	0.08	66.68	94.15	14.19	69.808	91.040	13.681	0.43	66.68
2.28	0.09	67.20	94.24	14.24	69.180	91.103	13.718	0.50	67.20
2.29	0.11	67.72	94.35	14.31	68.545	91.178	13.763	0.62	67.72
2.30	0.13	68.24	94.48	14.38	67.905	91.266	13.815	0.75	68.24
2.31	0.20	68.53	94.68	14.49	67.260	91.401	13.896	1.18	68.53
2.32	0.19	68.83	94.87	14.60	66.611	91.527	13.972	1.14	68.83
2.33	0.19	69.12	95.06	14.71	65.960	91.653	14.047	.16	69.12
2.34	0.19	69.41	95.25	14.82	65.307	91.777	14.122	.18	69.41

2.35	0.19	69.70	95.44	14.93	64.653	91.900	14.196	1.21	69.70
2.36	0.19	69.99	95.63	15.04	64.000	92.021	14.270	1.23	69.99
2.37	0.19	70.28	95.82	15.15	63.332	92.141	14.343	1.25	70.28
2.38	0.19	70.57	96.01	15.26	62.638	92.260	14.416	1.27	70.57
2.39	0.19	70.86	96.20	15.37	61.920	92.378	14.488	1.30	70.86
2.40	0.19	71.14	96.39	15.48	61.183	92.494	14.559	1.32	71.14
2.41	0.19	71.43	96.58	15.59	60.431	92.609	14.629	1.35	71.43
2.42	0.19	71.71	96.77	15.70	59.667	92.723	14.699	1.38	71.71
2.43	0.19	71.99	96.96	15.81	58.895	92.834	14.768	1.40	71.99
2.44	0.18	72.27	97.14	15.91	58.119	92.939	14.833	1.35	72.27
2.45	0.18	72.55	97.32	16.02	57.344	93.042	14.897	1.38	72.55
2.46	0.18	74.16	97.50	16.13	56.572	93.144	14.962	1.40	74.16
2.47	0.18	75.76	97.68	16.24	55.808	93.245	15.027	1.43	75.76
2.48	0.18	77.35	97.86	16.35	55.056	93.344	15.093	1.45	77.35
2.49	0.18	78.94	98.04	16.46	54.319	93.441	15.160	1.48	78.94
2.50	0.18	80.52	98.22	16.58	53.601	93.536	15.228	1.50	80.52
2.51	0.18	82.10	98.40	16.70	52.906	93.633	15.296	1.52	82.10
2.52	0.18	83.67	98.58	16.82	52.239	93.727	15.364	1.54	83.67
2.53	0.18	85.23	98.76	16.95	51.602	93.820	15.433	1.56	85.23
2.54	0.18	86.79	98.94	17.07	51.000	93.912	15.503	1.58	86.79
2.55	0.18	88.34	99.12	17.20	50.425	94.003	15.573	1.60	88.34
2.56	0.18	89.88	99.30	17.34	49.864	94.092	15.644	1.62	89.88
2.57	0.18	91.42	99.48	17.47	49.317	94.181	15.716	1.64	91.42
2.58	0.17	92.95	99.65	17.60	48.779	94.264	15.784	1.66	92.95
2.59	0.17	94.48	99.82	17.73	48.249	94.346	15.852	1.58	94.48
2.60	0.17	96.00	99.99	17.86	47.726	94.427	15.921	1.59	96.00

HEAD ASH %	17.86	CLEAN COAL ASH %	15.92	REFUSE ASH %	50.77
THEO. YIELD	97.15	CLEAN COAL YIELD%	94.43	REFUSE YIELD%	5.57
SG OF SEPARATION	2.441	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	3.689	IMPERFECTION	0.382		
ORGANIC EFFCY.	97.20				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN SS DDH82007 SID: 47 WID: WA1 EQUIPE WOC2 SG-ASH 0.00 EP 0.0 SG ****

---------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 7.27 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.11	0.08	0.11	0.08	99.521	0.109	0.080	0.00	0.08
1.25	0.11	0.15	0.22	0.11	99.485	0.219	0.115	0.00	0.15
1.26	0.11	0.22	0.33	0.15	99.448	0.328	0.150	0.00	0.22
1.27	0.11	0.29	0.44	0.18	99.410	0.438	0.185	0.00	0.29
1.28	0.11	0.35	0.55	0.22	99.372	0.547	0.218	0.00	0.35
1.29	0.11	0.42	0.66	0.25	99.333	0.656	0.252	0.00	0.42
1.30	0.11	0.49	0.77	0.29	99.294	0.765	0.286	0.00	0.49
1.31	0.11	0.55	0.88	0.32	99.253	0.875	0.319	0.00	0.55
1.32	0.11	0.84	0.99	0.38	99.212	0.984	0.376	0.00	0.84
1.33	0.11	1.36	1.10	0.47	99.171	1.093	0.475	0.00	1.36
1.34	0.10	1.87	1.20	0.59	99.129	1.192	0.591	0.00	1.87
1.35	0.10	2.38	1.30	0.73	99.087	1.291	0.728	0.00	2.38
1.36	0.10	2.88	1.40	0.88	99.044	1.390	0.881	0.00	2.88
1.37	0.10	3.39	1.50	1.05	99.000	1.489	1.048	0.00	3.39
1.38	0.10	3.88	1.60	1.23	98.956	1.588	1.225	0.00	3.88
1.39	0.10	4.38	1.70	1.41	98.911	1.687	1.410	0.01	4.38
1.40	0.10	4.87	1.80	1.60	98.864	1.786	1.601	0.01	4.87
1.41	1.78	5.27	3.58	3.43	98.816	3.545	3.422	0.10	5.27
1.42	2.26	5.67	5.84	4.29	98.766	5.777	4.290	0.13	5.67
1.43	2.60	6.07	8.44	4.84	98.715	8.343	4.838	0.16	6.07
1.44	2.82	6.47	11.26	5.25	98.661	11.126	5.246	0.18	6.47
1.45	2.91	6.86	14.17	5.58	98.605	13.986	5.577	0.19	6.86
1.46	2.88	7.88	17.05	5.97	98.546	16.833	5.965	0.20	7.88
1.47	2.71	8.89	19.76	6.37	98.484	19.502	6.365	0.20	8.89
1.48	2.43	9.89	22.19	6.75	98.419	21.894	6.750	0.18	9.89
1.49	2.01	10.88	24.20	7.10	98.351	23.871	7.092	0.16	10.88
1.50	1.47	11.87	25.67	7.37	98.279	25.315	7.365	0.12	11.87
1.51	1.14	12.75	26.81	7.60	98.203	26.435	7.593	0.10	12.75
1.52	1.12	13.62	27.93	7.84	98.124	27.534	7.834	0.10	13.62
1.53	1.09	14.49	29.02	8.09	98.040	28.602	8.082	0.10	14.49
1.54	1.05	15.35	30.07	8.34	97.951	29.631	8.335	0.10	15.35
1.55	1.00	16.20	31.07	8.60	97.858	30.609	8.586	0.10	16.20
1.56	0.95	16.82	32.02	8.84	97.760	31.538	8.829	0.10	16.82
1.57	0.89	17.44	32.91	9.07	97.656	32.407	9.060	0.10	17.44
1.58	0.82	18.05	33.73	9.29	97.548	33.207	9.276	0.10	18.05
1.59	0.75	18.66	34.48	9.50	97.433	33.938	9.478	0.09	18.66
1.60	0.66	19.26	35.14	9.68	97.313	34.580	9.660	0.08	19.26
1.61	0.63	19.88	35.77	9.86	97.186	35.193	9.838	0.08	19.88
1.62	0.64	20.60	36.41	10.05	97.053	35.814	10.023	0.09	20.50
1.63	0.64	21.11	37.05	10.24	96.914	36.434	10.211	0.09	21.11
1.64	0.63	21.71	37.68	10.43	96.768	37.044	10.401	0.10	21.71
1.65	0.61	22.31	38.29	10.62	96.614	37.633	10.587	0.10	22.31
1.66	0.59	23.07	38.88	10.81	96.453	38.202	10.773	0.10	23.07
1.67	0.56	23.83	39.44	10.99	96.285	38.741	10.955	0.10	23.83
1.68	0.51	24.58	39.95	11.17	96.109	39.231	11.125	0.09	24.58
1.69	0.46	25.32	40.41	11.33	95.804	39.672	11.283	0.09	25.32
1.70	0.40	26.06	40.81	11.47	95.587	40.054	11.424	0.08	26.06
1.71	0.37	26.59	41.18	11.61	95.353	40.407	11.556	0.08	26.59
1.72	0.37	27.12	41.55	11.74	95.104	40.769	11.691	0.09	27.12

1.73	0.36	27.65	41.91	11.88	94.843	41.101	11.823	0.09	27.65
1.74	0.36	28.17	42.27	12.02	94.575	41.441	11.957	0.09	28.17
1.75	0.35	28.68	42.62	12.16	94.301	41.771	12.090	0.10	28.68
1.76	0.34	29.96	42.96	12.30	94.025	42.091	12.225	0.10	29.96
1.77	0.33	31.24	43.29	12.44	93.750	42.400	12.364	0.10	31.24
1.78	0.32	32.50	43.61	12.59	93.486	42.699	12.505	0.10	32.50
1.79	0.31	33.76	43.92	12.74	93.233	42.988	12.648	0.10	33.76
1.80	0.30	35.01	44.22	12.89	92.983	43.267	12.792	0.10	35.01
1.81	0.30	36.09	44.52	13.05	92.725	43.545	12.941	0.10	36.09
1.82	0.30	37.16	44.82	13.21	92.451	43.823	13.094	0.11	37.16
1.83	0.29	38.22	45.11	13.37	92.151	44.090	13.247	0.11	38.22
1.84	0.29	39.28	45.40	13.53	91.815	44.356	13.403	0.11	39.28
1.85	0.29	40.33	45.69	13.70	91.435	44.621	13.563	0.12	40.33
1.86	0.28	41.32	45.97	13.87	91.000	44.876	13.721	0.12	41.32
1.87	0.28	42.30	46.25	14.04	90.526	45.130	13.881	0.13	42.30
1.88	0.27	43.29	46.52	14.21	90.037	45.373	14.039	0.13	43.29
1.89	0.26	44.26	46.78	14.38	89.535	45.606	14.193	0.13	44.26
1.90	0.26	45.23	47.04	14.55	89.021	45.837	14.350	0.14	45.23
1.91	0.24	46.13	47.28	14.71	88.499	46.049	14.496	0.13	46.13
1.92	0.23	47.01	47.51	14.87	87.969	46.252	14.638	0.13	47.01
1.93	0.22	47.90	47.73	15.02	87.436	46.444	14.776	0.13	47.90
1.94	0.21	48.78	47.94	15.17	86.899	46.627	14.909	0.13	48.78
1.95	0.21	49.65	48.15	15.32	86.362	46.808	15.044	0.14	49.65
1.96	0.21	49.84	48.36	15.47	85.827	46.988	15.177	0.14	49.84
1.97	0.21	50.03	48.57	15.62	85.296	47.167	15.310	0.15	50.03
1.98	0.22	50.22	48.79	15.77	84.771	47.354	15.447	0.16	50.22
1.99	0.22	50.41	49.01	15.93	84.255	47.539	15.584	0.17	50.41
2.00	0.23	50.60	49.24	16.09	83.748	47.732	15.725	0.18	50.60
2.01	0.27	50.60	49.51	16.28	83.495	47.957	15.889	0.21	50.60
2.02	0.28	50.60	49.79	16.47	82.993	48.190	16.056	0.23	50.60
2.03	0.29	50.60	50.08	16.67	82.493	48.429	16.227	0.24	50.60
2.04	0.30	50.60	50.38	16.87	81.996	48.675	16.400	0.26	50.60
2.05	0.31	50.60	50.69	17.08	81.499	48.927	16.577	0.27	50.60
2.06	0.26	51.53	50.95	17.25	81.004	49.138	16.727	0.24	51.53
2.07	0.26	52.45	51.21	17.43	80.510	49.347	16.878	0.24	52.45
2.08	0.26	53.37	51.47	17.61	80.016	49.555	17.032	0.25	53.37
2.09	0.26	54.28	51.73	17.80	79.521	49.762	17.186	0.25	54.28
2.10	0.25	55.19	51.98	17.98	79.027	49.960	17.337	0.25	55.19
2.11	0.25	56.23	52.23	18.16	78.531	50.156	17.489	0.26	56.23
2.12	0.22	57.26	52.45	18.33	78.034	50.328	17.625	0.23	57.26
2.13	0.19	58.29	52.64	18.47	77.535	50.475	17.743	0.20	58.29
2.14	0.16	59.32	52.80	18.59	77.034	50.598	17.845	0.18	59.32
2.15	0.14	60.34	52.94	18.70	76.530	50.705	17.934	0.16	60.34
2.16	0.12	61.35	53.06	18.80	76.024	50.797	18.012	0.14	61.35
2.17	0.10	62.36	53.16	18.88	75.514	50.872	18.078	0.12	62.36
2.18	0.09	63.37	53.25	18.96	75.000	50.940	18.138	0.11	63.37
2.19	0.08	64.37	53.33	19.03	74.476	50.999	18.192	0.10	64.37
2.20	0.08	65.37	53.41	19.10	73.937	51.058	18.247	0.10	65.37
2.21	0.08	65.44	53.49	19.16	73.382	51.117	18.301	0.10	65.44
2.22	0.08	65.51	53.57	19.23	72.815	51.175	18.355	0.10	65.51
2.23	0.09	65.59	53.66	19.31	72.235	51.240	18.415	0.12	65.59
2.24	0.10	65.66	53.76	19.40	71.643	51.312	18.481	0.14	65.66
2.25	0.12	65.73	53.88	19.50	71.041	51.397	18.559	0.17	65.73
2.26	0.13	65.80	54.01	19.61	70.429	51.488	18.643	0.18	65.80
2.27	0.16	65.87	54.17	19.75	69.808	51.601	18.745	0.23	65.87
2.28	0.18	65.95	54.35	19.90	69.180	51.725	18.859	0.27	65.95
2.29	0.21	66.02	54.56	20.08	68.545	51.869	18.990	0.32	66.02
2.30	0.25	66.09	54.81	20.29	67.905	52.039	19.144	0.38	66.09
2.31	2.32	66.09	57.13	22.15	67.260	53.599	20.510	3.63	66.09
2.32	2.31	66.09	59.44	23.86	66.611	55.138	21.782	3.68	66.09
2.33	2.30	66.09	61.74	25.43	65.960	56.655	22.969	3.74	66.09
2.34	2.29	66.10	64.03	26.88	65.307	58.151	24.078	3.80	66.10

2.35	2.28	66.10	66.31	28.23	64.653	59.625	25.117	3.85	66.10
2.36	2.27	66.10	68.58	29.49	64.000	61.077	26.092	3.90	66.10
2.37	2.26	66.10	70.84	30.65	63.332	62.509	27.008	3.96	66.10
2.38	2.25	66.10	73.09	31.75	62.638	63.918	27.870	4.02	66.10
2.39	2.24	66.11	75.33	32.77	61.920	65.305	28.682	4.07	66.11
2.40	2.23	66.11	77.56	33.73	61.183	66.670	29.448	4.14	66.11
2.41	2.22	66.11	79.78	34.63	60.431	68.011	30.171	4.20	66.11
2.42	2.21	66.11	81.99	35.48	59.667	69.330	30.855	4.26	66.11
2.43	2.20	66.11	84.19	36.28	58.895	70.625	31.502	4.32	66.11
2.44	2.19	66.12	86.38	37.03	58.119	71.898	32.115	4.38	66.12
2.45	2.18	66.12	88.56	37.75	57.344	73.148	32.696	4.44	66.12
2.46	0.78	68.17	89.34	38.01	56.572	73.590	32.908	1.62	68.17
2.47	0.78	70.21	90.12	38.29	55.808	74.025	33.128	1.65	70.21
2.48	0.78	72.24	90.90	38.58	55.056	74.454	33.353	1.67	72.24
2.49	0.77	74.26	91.67	38.88	54.319	74.873	33.582	1.68	74.26
2.50	0.77	76.28	92.44	39.20	53.601	75.285	33.816	1.71	76.28
2.51	0.77	78.28	93.21	39.52	52.906	75.693	34.055	1.73	78.28
2.52	0.76	80.28	93.97	39.85	52.239	76.090	34.297	1.73	80.28
2.53	0.76	82.28	94.73	40.19	51.602	76.482	34.543	1.76	82.28
2.54	0.76	84.26	95.49	40.54	51.000	76.869	34.793	1.78	84.26
2.55	0.75	86.23	96.24	40.90	50.425	77.248	35.045	1.78	86.23
2.56	0.75	88.20	96.99	41.26	49.864	77.622	35.301	1.80	88.20
2.57	0.75	90.16	97.74	41.64	49.317	77.991	35.561	1.82	90.16
2.58	0.75	92.12	98.49	42.02	48.779	78.357	35.826	1.84	92.12
2.59	0.74	94.06	99.23	42.41	48.249	78.714	36.090	1.83	94.06
2.60	0.74	96.00	99.97	42.81	47.726	79.068	36.357	1.85	96.00

HEAD ASH %	42.81	CLEAN COAL ASH %	36.36	REFUSE ASH %	67.16
THEO. YIELD	84.42	CLEAN COAL YIELD%	79.07	REFUSE YIELD%	20.93
SG OF SEPARATION	2.431	ECART PROB. MOYEN	0.4509		
NEAR GRAVITY MAT	32.827	IMPERFECTION	0.382		
ORGANIC EFFCY.	93.66				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN SS DDH82007 SID: 48 WID: WA1 EQUIPE WOC2 SG-ASH 0.00 EP 0.0 SG ****

----------FLOAT----------

FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 8.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	0.52	0.98	0.52	0.98	99.521	0.518	0.980	0.02	0.98
1.25	0.54	1.94	1.06	1.47	99.485	1.055	1.469	0.02	1.94
1.26	0.57	2.80	1.63	1.97	99.448	1.622	1.969	0.02	2.90
1.27	0.59	3.84	2.22	2.47	99.410	2.208	2.466	0.02	3.84
1.28	0.61	4.78	2.83	2.97	99.372	2.814	2.965	0.03	4.78
1.29	0.64	5.71	3.47	3.47	99.333	3.450	3.470	0.03	5.71
1.30	0.66	6.64	4.13	3.98	99.294	4.105	3.976	0.03	6.64
1.31	0.69	7.56	4.82	4.49	99.253	4.790	4.489	0.04	7.56
1.32	0.72	8.47	5.54	5.01	99.212	5.505	5.005	0.04	8.47
1.33	0.74	9.37	6.28	5.52	99.171	6.238	5.519	0.04	9.37
1.34	0.77	10.27	7.05	6.04	99.129	7.002	6.037	0.05	10.27
1.35	0.80	11.16	7.85	6.56	99.087	7.794	6.558	0.05	11.16
1.36	0.82	12.04	8.67	7.08	99.044	8.607	7.075	0.05	12.04
1.37	0.85	12.53	9.52	7.57	99.000	9.448	7.561	0.06	12.53
1.38	0.88	12.63	10.40	8.00	98.956	10.319	7.989	0.06	12.63
1.39	0.91	12.72	11.31	8.38	98.911	11.219	8.368	0.07	12.72
1.40	0.94	12.81	12.25	8.72	98.864	12.148	8.708	0.07	12.81
1.41	0.97	12.91	13.22	9.02	98.816	13.107	9.015	0.08	12.91
1.42	1.01	13.00	14.23	9.31	98.766	14.104	9.297	0.09	13.00
1.43	1.04	13.09	15.27	9.56	98.715	15.131	9.555	0.09	13.09
1.44	1.07	13.18	16.34	9.80	98.661	16.187	9.791	0.10	13.18
1.45	1.10	13.27	17.44	10.02	98.608	17.271	10.009	0.11	13.27
1.46	1.14	13.36	18.58	10.22	98.546	18.395	10.214	0.12	13.36
1.47	1.17	13.45	19.75	10.42	98.484	19.547	10.405	0.12	13.45
1.48	1.21	13.54	20.96	10.60	98.419	20.738	10.585	0.13	13.54
1.49	1.24	13.63	22.20	10.77	98.351	21.957	10.754	0.14	13.63
1.50	1.28	13.72	23.48	10.93	98.279	23.215	10.915	0.15	13.72
1.51	1.86	13.72	25.34	11.13	98.203	25.042	11.119	0.23	13.72
1.52	2.09	13.72	27.39	11.32	98.124	27.053	11.313	0.27	13.72
1.53	2.20	13.72	29.59	11.50	98.040	29.210	11.490	0.30	13.72
1.54	2.29	13.72	31.88	11.66	97.951	31.453	11.649	0.33	13.72
1.55	2.34	13.72	34.22	11.80	97.858	33.743	11.790	0.35	13.72
1.56	1.13	14.77	35.35	11.90	97.760	34.848	11.884	0.18	14.77
1.57	1.10	15.83	36.45	12.02	97.656	35.922	12.002	0.18	15.83
1.58	1.05	16.87	37.50	12.15	97.548	36.946	12.137	0.18	16.87
1.59	0.98	17.91	38.48	12.30	97.433	37.901	12.283	0.18	17.91
1.60	0.88	18.94	39.36	12.45	97.313	38.758	12.430	0.17	18.94
1.61	1.25	19.85	40.61	12.68	97.186	39.972	12.655	0.25	19.85
1.62	1.23	20.75	41.84	12.91	97.053	41.166	12.890	0.25	20.75
1.63	1.21	21.62	43.05	13.16	96.914	42.339	13.132	0.26	21.62
1.64	1.18	22.44	44.23	13.41	96.768	43.481	13.376	0.27	22.44
1.65	1.14	23.20	45.37	13.65	96.614	44.582	13.619	0.27	23.20
1.66	1.09	23.92	46.46	13.89	96.453	45.633	13.856	0.27	23.92
1.67	1.04	24.63	47.50	14.13	96.285	46.635	14.088	0.27	24.63
1.68	0.99	25.33	48.49	14.36	96.109	47.586	14.313	0.27	25.33
1.69	0.93	26.02	49.42	14.58	95.804	48.477	14.528	0.27	26.02
1.70	0.86	26.71	50.28	14.78	95.587	49.299	14.731	0.27	26.71
1.71	0.82	27.30	51.10	14.98	95.353	50.081	14.927	0.27	27.30
1.72	0.81	27.88	51.91	15.19	95.104	50.852	15.123	0.28	27.88

1.73	0.79	28.47	52.70	15.38	94.843	51.601	15.317	0.29	28.47
1.74	0.77	29.04	53.47	15.58	94.575	52.329	15.508	0.29	29.04
1.75	0.75	29.62	54.22	15.78	94.301	53.036	15.696	0.30	29.62
1.76	0.72	30.62	54.94	15.97	94.025	53.713	15.884	0.30	30.62
1.77	0.69	31.61	55.63	16.16	93.750	54.360	16.072	0.30	31.61
1.78	0.66	32.60	56.29	16.36	93.486	54.977	16.257	0.30	32.60
1.79	0.62	33.58	56.91	16.54	93.233	55.555	16.437	0.29	33.58
1.80	0.57	34.56	57.48	16.72	92.983	56.085	16.609	0.28	34.56
1.81	0.54	35.36	58.02	16.90	92.725	56.586	16.774	0.28	35.36
1.82	0.54	36.15	58.58	17.07	92.451	57.085	16.944	0.29	36.15
1.83	0.53	36.94	59.09	17.25	92.151	57.574	17.114	0.29	36.94
1.84	0.53	37.72	59.62	17.43	91.815	58.060	17.286	0.30	37.72
1.85	0.53	38.50	60.15	17.62	91.435	58.545	17.462	0.32	38.50
1.86	0.53	38.93	60.68	17.81	91.000	59.027	17.637	0.33	38.93
1.87	0.53	39.37	61.21	17.99	90.526	59.507	17.812	0.35	39.37
1.88	0.53	39.80	61.74	18.18	90.037	59.984	17.987	0.37	39.80
1.89	0.54	40.23	62.28	18.37	89.535	60.468	18.165	0.40	40.23
1.90	0.55	40.65	62.83	18.57	89.021	60.957	18.346	0.42	40.65
1.91	0.55	41.00	63.38	18.76	88.499	61.444	18.525	0.44	41.00
1.92	0.56	41.35	63.94	18.96	87.969	61.937	18.707	0.47	41.35
1.93	0.56	41.70	64.50	19.16	87.436	62.426	18.887	0.49	41.70
1.94	0.57	42.05	65.07	19.36	86.899	62.922	19.070	0.52	42.05
1.95	0.57	42.39	65.64	19.56	86.362	63.414	19.251	0.54	42.39
1.96	0.57	42.77	66.21	19.76	85.827	63.903	19.431	0.57	42.77
1.97	0.57	43.15	66.78	19.96	85.296	64.389	19.610	0.59	43.15
1.98	0.56	43.53	67.34	20.15	84.771	64.864	19.785	0.60	43.53
1.99	0.56	43.91	67.90	20.35	84.255	65.336	19.959	0.62	43.91
2.00	0.55	44.29	68.45	20.54	83.748	65.796	20.129	0.63	44.29
2.01	0.54	44.42	68.99	20.73	83.495	66.247	20.295	0.62	44.42
2.02	0.51	44.56	69.50	20.90	82.993	66.671	20.449	0.61	44.56
2.03	0.49	44.69	69.99	21.07	82.493	67.075	20.595	0.60	44.69
2.04	0.47	44.82	70.46	21.23	81.996	67.460	20.733	0.59	44.82
2.05	0.45	44.95	70.91	21.38	81.499	67.827	20.864	0.58	44.95
2.06	0.44	46.10	71.35	21.53	81.004	68.183	20.996	0.59	46.10
2.07	0.43	47.25	71.78	21.68	80.510	68.529	21.129	0.59	47.25
2.08	0.42	48.39	72.20	21.84	80.016	68.866	21.262	0.59	48.39
2.09	0.42	49.53	72.62	22.00	79.521	69.200	21.398	0.60	49.53
2.10	0.42	50.66	73.04	22.16	79.027	69.531	21.538	0.62	50.66
2.11	0.39	51.90	73.43	22.32	78.531	69.838	21.671	0.59	51.90
2.12	0.34	53.14	73.77	22.46	78.034	70.103	21.790	0.52	53.14
2.13	0.30	54.37	74.07	22.59	77.535	70.336	21.898	0.47	54.37
2.14	0.26	55.60	74.33	22.71	77.034	70.536	21.994	0.42	55.60
2.15	0.23	56.82	74.56	22.81	76.530	70.712	22.080	0.38	56.82
2.16	0.20	58.04	74.76	22.91	76.024	70.864	22.157	0.34	58.04
2.17	0.18	59.25	74.94	23.00	75.514	71.000	22.229	0.31	59.25
2.18	0.16	60.45	75.10	23.08	75.000	71.120	22.293	0.28	60.45
2.19	0.15	61.65	75.25	23.15	74.476	71.232	22.355	0.27	61.65
2.20	0.14	62.84	75.39	23.23	73.937	71.335	22.413	0.26	62.84
2.21	0.14	63.77	75.53	23.30	73.382	71.438	22.473	0.26	63.77
2.22	0.14	64.69	75.67	23.38	72.815	71.540	22.533	0.27	64.69
2.23	0.15	65.61	75.82	23.46	72.235	71.648	22.598	0.29	65.61
2.24	0.16	66.53	75.98	23.55	71.643	71.763	22.668	0.32	66.53
2.25	0.18	67.44	76.16	23.66	71.041	71.891	22.748	0.37	67.44
2.26	0.21	68.35	76.37	23.78	70.429	72.039	22.842	0.44	68.35
2.27	0.24	69.25	76.61	23.92	69.808	72.206	22.949	0.51	69.25
2.28	0.27	70.15	76.88	24.08	69.180	72.393	23.071	0.58	70.15
2.29	0.32	71.05	77.20	24.28	68.545	72.612	23.216	0.71	71.05
2.30	0.36	71.94	77.56	24.50	67.905	72.857	23.380	0.81	71.94
2.31	0.79	72.97	78.35	24.99	67.260	73.388	23.739	1.81	72.97
2.32	0.79	73.99	79.14	25.48	66.611	73.914	24.096	1.85	73.99
2.33	.79	75.02	79.93	25.97	65.960	74.435	24.453	19	75.02
2.34	.78	76.03	80.71	26.45	65.307	74.945	24.804	90	76.03

2.35	0.78	77.05	81.49	26.93	64.653	75.449	25.153	1.93	77.05
2.36	0.78	78.05	82.27	27.42	64.000	76.948	25.500	1.97	78.05
2.37	0.77	79.06	83.04	27.90	63.332	76.436	25.842	1.98	79.06
2.38	0.77	80.06	83.81	28.38	62.638	76.918	26.182	2.02	80.06
2.39	0.77	81.05	84.58	28.86	61.920	77.395	26.520	2.06	81.09
2.40	0.76	82.04	85.34	29.33	61.183	77.860	26.852	2.07	82.04
2.41	0.76	83.03	86.10	29.80	60.431	78.319	27.181	2.11	83.03
2.42	0.76	84.02	86.86	30.28	59.667	78.773	27.508	2.15	84.02
2.43	0.76	84.99	87.62	30.75	58.895	79.220	27.833	2.19	84.99
2.44	0.75	85.97	88.37	31.22	58.118	79.656	28.151	2.20	85.97
2.45	0.75	86.94	89.12	31.69	57.344	80.086	28.467	2.24	86.94
2.46	0.75	87.56	89.87	32.16	56.572	80.511	28.778	2.28	87.56
2.47	0.74	88.18	90.61	32.61	55.808	80.924	29.082	2.29	88.18
2.48	0.74	88.80	91.35	33.07	55.056	81.331	29.381	2.33	88.80
2.49	0.74	89.41	92.09	33.52	54.319	81.733	29.676	2.37	89.41
2.50	0.73	90.02	92.82	33.97	53.601	82.124	29.964	2.37	90.02
2.51	0.73	90.63	93.55	34.41	52.906	82.510	30.248	2.41	90.63
2.52	0.73	91.24	94.28	34.85	52.239	82.892	30.528	2.44	91.24
2.53	0.73	91.84	95.01	35.29	51.602	83.268	30.805	2.48	91.84
2.54	0.72	92.44	95.73	35.72	51.000	83.636	31.076	2.47	92.44
2.55	0.72	93.04	96.45	36.15	50.425	83.999	31.344	2.50	93.04
2.56	0.72	93.64	97.17	36.57	49.864	84.358	31.609	2.53	93.64
2.57	0.71	94.23	97.88	36.99	49.317	84.708	31.868	2.52	94.23
2.58	0.71	94.82	98.59	37.41	48.779	85.054	32.124	2.55	94.82
2.59	0.71	95.41	99.30	37.82	48.249	85.397	32.378	2.58	95.41
2.60	0.71	96.00	100.01	38.23	47.726	85.736	32.630	2.60	96.00

HEAD ASH %	38.23	CLEAN COAL ASH %	32.63	REFUSE ASH %	71.92
THEO. YIELD	90.63	CLEAN COAL YIELD%	85.74	REFUSE YIELD%	14.26
SG OF SEPARATION	2.470	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	14.838	IMPERFECTION	0.382		
ORGANIC EFFCY.	94.60				

(2)

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN SS DDH82007 SID: 49 WID: WA1 EQUIPE WOC2 SG-ASH 0.00 EP 0.0 SG 0.00

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FRACTION SIZE (MM) 0.60 X 0.15 RELATIVE WT% - 7.68 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	SINK ELEMENTAL WT%	SINK ELEMENTAL ASH%
1.23	0.0	0.01	0.0	0.01	99.556	0.0	0.010	0.0	0.01
1.24	1.03	0.37	1.03	0.37	99.521	1.025	0.370	0.04	0.37
1.25	1.04	0.73	2.07	0.55	99.485	2.060	0.551	0.04	0.73
1.26	1.05	1.08	3.12	0.73	99.448	3.104	0.729	0.04	1.08
1.27	1.06	1.43	4.18	0.91	99.410	4.158	0.907	0.05	1.43
1.28	1.07	1.78	5.25	1.08	99.372	5.221	1.084	0.05	1.78
1.29	1.07	2.13	6.32	1.26	99.333	6.284	1.261	0.05	2.13
1.30	1.08	2.47	7.40	1.44	99.294	7.356	1.437	0.06	2.47
1.31	1.09	2.81	8.49	1.61	99.253	8.438	1.613	0.06	2.81
1.32	1.10	3.15	9.59	1.79	99.212	9.529	1.789	0.06	3.15
1.33	1.10	3.49	10.69	1.97	99.171	10.620	1.964	0.07	3.49
1.34	1.11	3.82	11.80	2.14	99.129	11.721	2.138	0.07	3.82
1.35	1.12	4.15	12.92	2.31	99.087	12.830	2.312	0.07	4.15
1.36	1.12	4.48	14.04	2.49	99.044	13.940	2.485	0.08	4.48
1.37	1.13	4.91	15.17	2.67	99.000	15.058	2.665	0.08	4.91
1.38	1.14	5.43	16.31	2.86	98.956	16.186	2.858	0.09	5.43
1.39	1.14	5.94	17.45	3.06	98.911	17.314	3.058	0.09	5.94
1.40	1.15	6.45	18.60	3.27	98.864	18.451	3.267	0.09	6.45
1.41	1.15	6.96	19.75	3.49	98.816	19.587	3.482	0.10	6.96
1.42	1.16	7.47	20.91	3.71	98.766	20.733	3.702	0.10	7.47
1.43	1.16	7.97	22.07	3.93	98.715	21.878	3.925	0.11	7.97
1.44	1.17	8.47	23.24	4.16	98.661	23.032	4.153	0.11	8.47
1.45	1.17	8.96	24.41	4.39	98.605	24.186	4.382	0.12	8.96
1.46	1.17	9.45	25.58	4.62	98.546	25.339	4.613	0.12	9.45
1.47	1.18	9.94	26.76	4.86	98.484	26.501	4.847	0.13	9.94
1.48	1.18	10.43	27.94	5.09	98.419	27.663	5.081	0.14	10.43
1.49	1.19	10.91	29.13	5.33	98.351	28.833	5.318	0.14	10.91
1.50	1.19	11.39	30.32	5.57	98.279	30.002	5.554	0.15	11.39
1.51	1.23	11.84	31.55	5.81	98.203	31.210	5.798	0.16	11.84
1.52	1.29	12.28	32.84	6.07	98.124	32.476	6.050	0.18	12.28
1.53	1.33	12.73	34.17	6.32	98.040	33.780	6.308	0.19	12.73
1.54	1.36	13.17	35.53	6.59	97.951	35.112	6.568	0.20	13.17
1.55	1.38	13.61	36.91	6.85	97.858	36.463	6.829	0.21	13.61
1.56	1.37	14.58	38.28	7.13	97.760	37.802	7.104	0.22	14.58
1.57	1.36	15.54	39.64	7.41	97.656	39.130	7.390	0.23	15.54
1.58	1.32	16.50	40.96	7.71	97.548	40.418	7.680	0.23	16.50
1.59	1.27	17.45	42.23	8.00	97.433	41.655	7.971	0.24	17.45
1.60	1.21	18.39	43.44	8.29	97.313	42.833	8.257	0.24	18.39
1.61	1.15	19.13	44.59	8.57	97.186	43.950	8.534	0.23	19.13
1.62	1.10	19.86	45.69	8.84	97.053	45.018	8.802	0.23	19.86
1.63	1.06	20.59	46.75	9.11	96.914	46.049	9.065	0.24	20.59
1.64	1.01	21.31	47.76	9.37	96.768	47.022	9.320	0.24	21.31
1.65	0.97	22.03	48.73	9.62	96.614	47.960	9.568	0.24	22.03
1.66	0.94	22.87	49.67	9.87	96.453	48.866	9.815	0.24	22.87
1.67	0.90	23.70	50.57	10.11	96.285	49.733	10.057	0.24	23.70
1.68	0.87	24.53	51.44	10.36	96.109	50.569	10.296	0.25	24.53
1.69	0.84	25.36	52.28	10.60	95.804	51.374	10.532	0.26	25.36
1.70	0.81	26.18	53.09	10.84	95.587	52.148	10.764	0.26	26.18
1.71	.80	26.82	53.89	11.07	95.353	52.911	10.996	.7	26.82
1.72	.79	27.47	54.68	11.31	95.104	53.662	11.227	.8	27.47

1.73	0.78	28.11	55.46	11.55	94.843	54.402	11.456	0.29	28.11
1.74	0.75	28.75	56.21	11.78	94.575	55.111	11.679	0.29	28.75
1.75	0.73	29.38	56.94	12.00	94.301	55.800	11.897	0.30	29.38
1.76	0.69	30.57	57.63	12.23	94.025	56.448	12.112	0.30	30.57
1.77	0.65	31.75	58.28	12.44	93.750	57.058	12.321	0.29	31.75
1.78	0.60	32.92	58.88	12.65	93.486	57.619	12.522	0.28	32.92
1.79	0.55	34.09	59.43	12.85	93.233	58.132	12.712	0.27	34.09
1.80	0.49	35.25	59.92	13.03	92.983	58.587	12.888	0.25	35.25
1.81	0.45	36.29	60.37	13.21	92.725	59.004	13.053	0.24	36.29
1.82	0.45	37.32	60.82	13.38	92.451	59.420	13.223	0.25	37.32
1.83	0.44	38.35	61.26	13.56	92.151	59.826	13.393	0.25	38.35
1.84	0.44	39.36	61.70	13.75	91.815	60.230	13.567	0.26	39.36
1.85	0.44	40.38	62.14	13.94	91.435	60.632	13.745	0.27	40.38
1.86	0.44	41.32	62.58	14.13	91.000	61.033	13.926	0.29	41.32
1.87	0.44	42.26	63.02	14.33	90.526	61.431	14.110	0.30	42.26
1.88	0.44	43.19	63.46	14.53	90.037	61.827	14.296	0.32	43.19
1.89	0.45	44.12	63.91	14.73	89.535	62.230	14.489	0.34	44.12
1.90	0.45	45.04	64.36	14.95	89.021	62.631	14.685	0.36	45.04
1.91	0.46	45.74	64.82	15.16	88.499	63.038	14.885	0.38	45.74
1.92	0.46	46.44	65.28	15.38	87.969	63.442	15.087	0.40	46.44
1.93	0.46	47.13	65.74	15.61	87.436	63.845	15.288	0.42	47.13
1.94	0.46	47.82	66.20	15.83	86.899	64.244	15.491	0.44	47.82
1.95	0.46	48.50	66.66	16.06	86.362	64.642	15.694	0.45	48.50
1.96	0.46	49.05	67.12	16.28	85.827	65.036	15.896	0.47	49.05
1.97	0.46	49.59	67.58	16.51	85.296	65.429	16.098	0.49	49.59
1.98	0.46	50.13	68.04	16.74	84.771	65.819	16.300	0.51	50.13
1.99	0.46	50.66	68.50	16.96	84.255	66.206	16.501	0.52	50.66
2.00	0.46	51.20	68.96	17.19	83.748	66.591	16.702	0.54	51.20
2.01	0.45	51.55	69.41	17.42	83.495	66.967	16.897	0.54	51.55
2.02	0.45	51.89	69.86	17.64	82.993	67.341	17.091	0.55	51.89
2.03	0.44	52.24	70.30	17.85	82.493	67.704	17.280	0.56	52.24
2.04	0.44	52.58	70.74	18.07	81.996	68.064	17.467	0.57	52.58
2.05	0.43	52.93	71.17	18.28	81.499	68.415	17.649	0.58	52.93
2.06	0.43	53.78	71.60	18.49	81.004	68.763	17.832	0.59	53.78
2.07	0.43	54.63	72.03	18.71	80.510	69.109	18.016	0.61	54.63
2.08	0.43	55.48	72.46	18.93	80.016	69.453	18.202	0.62	55.48
2.09	0.43	56.32	72.89	19.15	79.521	69.795	18.388	0.64	56.32
2.10	0.43	57.16	73.32	19.37	79.027	70.135	18.576	0.65	57.16
2.11	0.40	57.79	73.72	19.58	78.531	70.449	18.751	0.62	57.79
2.12	0.35	58.42	74.07	19.76	78.034	70.722	18.904	0.56	58.42
2.13	0.31	59.05	74.38	19.93	77.535	70.963	19.040	0.50	59.05
2.14	0.27	59.67	74.65	20.07	77.034	71.171	19.159	0.45	59.67
2.15	0.23	60.29	74.88	20.19	76.530	71.347	19.260	0.39	60.29
2.16	0.20	60.91	75.08	20.30	76.024	71.499	19.349	0.35	60.91
2.17	0.18	61.53	75.26	20.40	75.514	71.635	19.429	0.32	61.53
2.18	0.16	62.14	75.42	20.49	75.000	71.755	19.500	0.29	62.14
2.19	0.15	62.75	75.57	20.57	74.476	71.866	19.568	0.28	62.75
2.20	0.14	63.36	75.71	20.65	73.937	71.970	19.631	0.26	63.36
2.21	0.14	64.39	75.85	20.73	73.382	72.073	19.694	0.27	64.39
2.22	0.14	65.42	75.99	20.82	72.815	72.175	19.759	0.28	65.42
2.23	0.15	66.44	76.14	20.91	72.235	72.283	19.829	0.30	66.44
2.24	0.16	67.46	76.30	21.00	71.643	72.398	19.904	0.33	67.46
2.25	0.18	68.48	76.48	21.12	71.041	72.526	19.990	0.38	68.48
2.26	0.20	69.49	76.68	21.24	70.429	72.666	20.086	0.43	69.49
2.27	0.23	70.50	76.91	21.39	69.808	72.827	20.197	0.50	70.50
2.28	0.27	71.50	77.18	21.56	69.180	73.014	20.328	0.60	71.50
2.29	0.31	72.50	77.49	21.77	68.545	73.226	20.480	0.71	72.50
2.30	0.35	73.49	77.84	22.00	67.905	73.464	20.651	0.81	73.49
2.31	0.78	74.55	78.62	22.52	67.260	73.989	21.034	1.85	74.55
2.32	0.78	75.61	79.40	23.04	66.611	74.508	21.414	1.89	75.61
2.33	0.78	76.66	80.18	23.56	65.960	75.023	21.793	1.92	76.66
2.34	0.77	77.71	80.95	24.08	65.307	75.525	22.165	1.93	77.71

2.35	0.77	78.75	81.72	24.59	64.653	76.023	22.536	1.97	78.75
2.36	0.77	79.79	82.49	25.11	64.000	76.516	22.905	2.01	79.79
2.37	0.76	80.83	83.25	25.62	63.332	76.997	23.267	2.02	80.83
2.38	0.76	81.86	84.01	26.13	62.638	77.473	23.627	2.06	81.86
2.39	0.76	82.88	84.77	26.64	61.920	77.944	23.985	2.10	82.88
2.40	0.76	83.90	85.53	27.15	61.183	78.409	24.340	2.14	83.90
2.41	0.75	84.92	86.28	27.65	60.431	78.862	24.688	2.15	84.92
2.42	0.75	85.94	87.03	28.15	59.667	79.310	25.034	2.19	85.94
2.43	0.75	86.94	87.78	28.65	58.895	79.751	25.377	2.23	86.94
2.44	0.74	87.95	88.52	29.15	58.119	80.182	25.712	2.24	87.95
2.45	0.74	88.95	89.26	29.64	57.344	80.606	26.045	2.29	88.95
2.46	0.74	89.43	90.00	30.14	56.572	81.025	26.373	2.33	89.43
2.47	0.73	89.91	90.73	30.62	55.808	81.432	26.691	2.34	89.91
2.48	0.73	90.39	91.46	31.09	55.056	81.834	27.003	2.38	90.39
2.49	0.73	90.87	92.19	31.57	54.319	82.230	27.311	2.41	90.87
2.50	0.73	91.35	92.92	32.04	53.601	82.622	27.615	2.45	91.35
2.51	0.72	91.82	93.64	32.50	52.906	83.003	27.909	2.46	91.82
2.52	0.72	92.29	94.36	32.95	52.239	83.379	28.200	2.49	92.29
2.53	0.72	92.76	95.08	33.41	51.602	83.750	28.486	2.52	92.76
2.54	0.71	93.23	95.79	33.85	51.000	84.112	28.765	2.52	93.23
2.55	0.71	93.70	96.50	34.29	50.425	84.470	29.040	2.55	93.70
2.56	0.71	94.16	97.21	34.73	49.864	84.824	29.312	2.58	94.16
2.57	0.71	94.62	97.92	35.16	49.317	85.175	29.580	2.61	94.62
2.58	0.70	95.08	98.62	35.59	48.779	85.516	29.842	2.60	95.08
2.59	0.70	95.54	99.32	36.01	48.249	85.854	30.100	2.62	95.54
2.60	0.70	96.00	100.02	36.43	47.726	86.188	30.356	2.65	96.00

HEAD ASH %	36.43	CLEAN COAL ASH %	30.36	REFUSE ASH %	74.32
THEO. YIELD	90.33	CLEAN COAL YIELD%	86.19	REFUSE YIELD%	13.81
SG OF SEPARATION	2.465	ECART PROB. MOYEN	0.4503		
NEAR GRAVITY MAT	14.697	IMPERFECTION	0.382		
ORGANIC EFFCY.	95.41				

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 1 WID: WA1 EQUIPE FRTH SG-ASH 19.00 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.66 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	69.29	16.21	69.29	16.21					
45.00	4.41	44.91	73.70	17.93					
60.00	1.60	48.00	75.30	18.57					
90.00	1.43	66.64	76.73	19.47					
120.00	1.43	76.19	78.16	20.50					
300.00	21.84	84.79	100.00	34.55					

HEAD ASH % 34.55

CLEAN COAL ASH % 19.00 REFUSE ASH % 83.10

CLEAN COAL YIELD% 75.75 REFUSE YIELD% 24.25

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 2 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 9.37 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	77.74	13.26	77.74	13.26					
45.00	2.65	30.38	80.39	13.83					
60.00	1.90	49.73	82.29	14.66					
90.00	1.77	57.95	84.06	15.57					
120.00	1.63	68.04	85.69	16.57					
300.00	14.31	74.31	100.00	24.83					

HEAD ASH % 24.83

CLEAN COAL ASH % 19.00 REFUSE ASH % 59.84

CLEAN COAL YIELD% 85.72 REFUSE YIELD% 14.28

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 5 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 10.56 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	59.48	9.49	59.48	9.49					
45.00	10.94	11.11	70.42	9.75					
60.00	4.37	11.42	74.79	9.84					
90.00	3.68	21.41	78.47	10.39					
120.00	3.32	34.90	81.79	11.38					
300.00	18.21	46.96	100.00	17.86					

HEAD ASH % 17.86

CLEAN COAL ASH % 19.00 REFUSE ASH % -7.36

CLEAN COAL YIELD% 95.68 REFUSE YIELD% 4.32

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82001 SID: 7 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.61 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	52.31	16.58	52.31	16.58					
45.00	3.85	33.40	56.16	17.74					
60.00	3.24	45.17	59.40	19.23					
90.00	3.71	57.70	63.11	21.50					
120.00	4.56	64.75	67.67	24.41					
300.00	32.33	71.26	100.00	39.56					

HEAD ASH % 39.56

CLEAN COAL ASH % 19.00 REFUSE ASH % 91.53

CLEAN COAL YIELD% 71.66 REFUSE YIELD% 28.34

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 11 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 21.38 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	76.97	10.19	76.97	10.19					
45.00	14.48	14.47	91.45	10.87					
60.00	3.33	22.41	94.78	11.28					
90.00	1.76	40.64	96.54	11.81					
120.00	0.83	54.06	97.37	12.17					
300.00	2.63	80.29	100.00	13.97					

HEAD ASH % 13.97

CLEAN COAL ASH % 19.00 REFUSE ASH % *****

CLEAN COAL YIELD% ***** REFUSE YIELD% -3.11

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82002 SID: 13 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 10.98 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	77.80	14.48	77.80	14.48					
45.00	7.87	34.73	85.67	16.35					
60.00	2.88	58.67	88.55	17.72					
90.00	1.88	74.72	90.43	18.91					
120.00	0.88	78.84	91.31	19.48					
300.00	8.69	82.84	100.00	24.99					

HEAD ASH % 24.99

CLEAN COAL ASH % 19.00 REFUSE ASH % 60.40

CLEAN COAL YIELD% 85.53 REFUSE YIELD% 14.47

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 17 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.81 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	81.91	14.60	81.91	14.60					
45.00	3.79	30.29	85.70	15.30					
60.00	2.05	50.06	87.75	16.11					
90.00	1.60	69.29	89.35	17.06					
120.00	1.02	76.75	90.37	17.74					
300.00	9.63	79.98	100.00	23.73					

HEAD ASH % 23.73

CLEAN COAL ASH % 19.00 REFUSE ASH % 55.65

CLEAN COAL YIELD% 87.09 REFUSE YIELD% 12.91

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 19 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.62 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	75.32	19.81	75.32	19.81					
45.00	4.84	52.60	80.16	21.79					
60.00	1.86	72.20	82.02	22.94					
90.00	2.69	78.56	84.71	24.70					
120.00	3.65	80.07	88.36	26.99					
300.00	11.64	84.63	100.00	33.70					

HEAD ASH % 33.70

CLEAN COAL ASH % 19.00 REFUSE ASH % 81.55

CLEAN COAL YIELD% 76.50 REFUSE YIELD% 23.50

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 22 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0
----------FROTH----------
FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.80 ASH% - 0.0

ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	71.05	25.85	71.05	25.85					
45.00	8.56	39.71	79.61	27.34					
60.00	6.06	60.30	85.67	29.68					
90.00	2.80	61.91	88.47	30.70					
120.00	2.63	67.17	91.10	31.75					
300.00	8.90	68.83	100.00	35.05					

HEAD ASH % 35.05

CLEAN COAL ASH % 19.00 REFUSE ASH % 84.01
CLEAN COAL YIELD% 75.31 REFUSE YIELD% 24.69

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN HC DDH82003 SID: 23 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 7.88 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	73.33	16.16	73.33	16.16					
45.00	3.88	37.12	77.21	17.22					
60.00	1.91	54.82	79.12	18.13					
90.00	2.87	69.63	81.99	19.93					
120.00	1.92	74.54	83.91	21.18					
300.00	16.09	79.92	100.00	30.63					

HEAD ASH % 30.63

CLEAN COAL ASH % 19.00 REFUSE ASH % 75.41

CLEAN COAL YIELD% 79.38 REFUSE YIELD% 20.62

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82004 SID: 26 WID: WA1 EQUIPE FRTH SG-ASH 0.0 EP 0.0 SG 0.0

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 9.53 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	81.52	14.33	81.52	14.33					
45.00	3.39	27.79	84.91	14.87					
60.00	1.48	45.96	86.39	15.40					
90.00	1.32	64.89	87.71	16.15					
120.00	1.53	77.88	89.24	17.21					
300.00	10.76	86.74	100.00	24.69					

HEAD ASH % 24.69

CLEAN COAL ASH % 19.00 REFUSE ASH % 59.34

CLEAN COAL YIELD% 85.90 REFUSE YIELD% 14.10

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 41 WID: WA1 EQUIPE FRTH SG-ASH 0.00 EP 0.000 SG 0.00

---------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 8.46 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	72.06	14.72	72.06	14.72					
45.00	12.66	25.65	84.72	16.36					
60.00	3.43	37.83	88.15	17.19					
90.00	2.77	56.19	90.92	18.38					
120.00	1.53	69.05	92.45	19.22					
300.00	7.55	76.71	100.00	23.56					

HEAD ASH % 23.56

CLEAN COAL ASH % 19.00 REFUSE ASH % 54.94

CLEAN COAL YIELD% 87.31 REFUSE YIELD% 12.69

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 43 WID: WA1 EQUIPE FRTH SG-ASH 0.00 EP 0.0 SG 0.00

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.01 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM WT%	CLEAN COAL CUM ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	74.49	16.68	74.49	16.68					
45.00	3.66	37.23	78.15	17.65					
60.00	2.53	55.65	80.68	18.84					
90.00	4.03	67.31	84.71	21.15					
120.00	2.26	73.07	86.97	22.49					
300.00	13.03	76.74	100.00	29.56					

HEAD ASH % 29.56

CLEAN COAL ASH % 19.00 REFUSE ASH % 73.04

CLEAN COAL YIELD% 80.45 REFUSE YIELD% 19.55

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN BC DDH82006 SID: 46 WID: WA1 EQUIPE FRTH SG-ASH 0.00 EP19.000 SG 0.00

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 15.74 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	80.62	8.69	80.62	8.69					
45.00	7.92	16.15	88.54	9.36					
60.00	1.83	30.35	90.37	9.79					
90.00	0.95	44.52	91.32	10.15					
120.00	0.67	53.73	91.99	10.47					
300.00	8.01	76.05	100.00	15.72					

HEAD ASH % 15.72

CLEAN COAL ASH % 19.00 REFUSE ASH % *****

CLEAN COAL YIELD% 99.53 REFUSE YIELD% 0.47

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 31 WID: WA1 EQUIPE FRTH SG-ASH ***** EP 0.0 SG ****

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 5.69 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	59.92	23.17	59.92	23.17					
45.00	3.58	59.79	63.50	25.24					
60.00	2.08	69.27	65.58	26.64					
90.00	3.30	73.06	68.88	28.86					
120.00	2.87	78.79	71.75	30.86					
300.00	28.25	82.15	100.00	45.35					

CLEAN COAL ASH % 19.00 REFUSE ASH % *****

HEAD ASH % 45.35 CLEAN COAL YIELD% 67.53 REFUSE YIELD% 32.47

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 34 WID: WA1 EQUIPE FRTH SG-ASH ***** EP 0.0 SG ****

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 6.52 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	70.01	19.23	70.01	19.23					
45.00	6.66	24.06	76.67	19.65					
60.00	3.04	45.62	79.71	20.64					
90.00	4.43	45.69	84.14	21.96					
120.00	1.15	56.03	85.29	22.42					
300.00	14.71	67.53	100.00	29.06					

HEAD ASH % 29.06

CLEAN COAL ASH % 19.00 REFUSE ASH % 71.86

CLEAN COAL YIELD% 80.97 REFUSE YIELD% 19.03

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN LR DDH82005 SID: 37 WID: WA1 EQUIPE FRTH SG-ASH ***** EP 0.0 SG ****

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 13.55 ASH% - 0.0

SG-TME	ELEMENTAL WT%	ELEMENTAL ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	EP	CLEAN COAL CUM. WT%	CLEAN COAL CUM. ASH%	ELEMENTAL SINK WT%	ELEMENTAL SINK ASH%
30.00	85.34	17.95	85.34	17.95					
45.00	4.40	55.95	89.74	19.82					
60.00	1.14	70.50	90.88	20.45					
90.00	0.79	76.75	91.67	20.94					
120.00	1.50	79.09	93.17	21.88					
300.00	6.83	80.64	100.00	25.89					

HEAD ASH % 25.89

CLEAN COAL ASH % 19.00 REFUSE ASH % 63.34
CLEAN COAL YIELD% 84.46 REFUSE YIELD% 15.54

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN SS DDH82007 SID: 47 WID: WA1 EQUIPE FRTH SG-ASH 0.00 EP 0.0 SG ****

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 3.45 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	19.07	26.66	19.07	26.66					
45.00	4.38	42.70	23.45	29.66					
60.00	4.44	48.73	27.89	32.70					
90.00	4.82	58.72	32.71	36.53					
120.00	4.61	61.83	37.32	39.66					
300.00	62.68	64.68	100.00	55.34					

HEAD ASH % 55.34

CLEAN COAL ASH % 19.00 REFUSE ASH % *****

CLEAN COAL YIELD% 61.51 REFUSE YIELD% 38.49

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD TABLE REPORT

REPORT TYPE : CONTRIBUTION ROUTE

KPN SS DDH82007 SID: 49 WID: WA1 EQUIPE FRTH SG-ASH 0.00 EP 0.0 SG 0.00

----------FROTH----------

FRACTION SIZE (MM) 0.15 X 0.0 RELATIVE WT% - 3.77 ASH% - 0.0

	ELEMENTAL		CUM. FLOATS			CLEAN COAL CUM.		ELEMENTAL SINK	
SG-TME	WT%	ASH%	WT%	ASH%	EP	WT%	ASH%	WT%	ASH%
30.00	57.31	25.96	57.31	25.96					
45.00	3.13	48.72	60.44	27.14					
60.00	1.99	60.28	62.43	28.20					
90.00	3.15	76.13	65.58	30.50					
120.00	2.13	78.82	67.71	32.02					
300.00	32.29	82.02	100.00	48.17					

HEAD ASH % 48.17 CLEAN COAL ASH % 19.00 REFUSE ASH % *****
CLEAN COAL YIELD% 65.71 REFUSE YIELD% 34.29

Yield Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : DATA SET CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN TO

MINE PERIOD : PROPERTY

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
HC	DDH82001	1	WA1	27.08	49.419983	17.91	81.52	40.287415	67.53	18.48	9.132571
HC	DDH82001	2	WA1	23.16	14.279997	15.50	82.97	11.848262	60.45	17.03	2.431735
HC	DDH82001	3	WA1	18.35	32.459976	15.55	90.34	29.324066	44.50	9.66	3.135925
HC	DDH82001	5	WA1	17.29	56.629959	14.15	91.83	52.003693	52.52	8.17	4.626281
HC	DDH82001	6	WA1	39.47	12.909999	26.62	71.31	9.205532	71.39	28.69	3.704467
HC	DDH82001	7	WA1	31.31	8.059998	19.44	77.10	6.214058	71.26	22.90	1.845940
HC	DDH82002	8	WA1	25.90	17.219986	17.41	82.99	14.291019	67.30	17.01	2.928979
HC	DDH82002	11	WA1	23.48	5.999999	20.26	89.29	5.357366	50.37	10.71	0.642633
HC	DDH82002	12	WA1	21.65	3.349998	16.77	86.31	2.891398	52.37	13.69	0.458600
HC	DDH82002	13	WA1	51.83	9.269998	32.95	58.53	5.425398	78.48	41.47	3.844599
HC	DDH82003	16	WA1	34.87	16.529999	25.42	73.30	12.116558	60.81	26.70	4.413442
HC	DDH82003	17	WA1	27.07	18.429977	19.85	83.12	15.319123	62.64	16.88	3.110873
HC	DDH82003	18	WA1	32.29	35.359985	22.64	78.16	27.636856	66.82	21.84	7.723127
HC	DDH82003	19	WA1	36.98	26.159958	26.47	72.14	18.871780	64.20	27.86	7.288189
HC	DDH82003	20	WA1	33.54	24.959976	24.04	77.98	19.464981	67.17	22.02	5.495005
HC	DDH82003	21	WA1	47.14	9.189998	27.59	58.53	5.378591	74.73	41.47	3.811407
HC	DDH82003	22	WA1	34.91	15.869998	23.61	73.28	11.629238	63.63	26.72	4.240759
HC	DDH82003	23	WA1	32.79	10.339999	21.45	73.03	7.551035	63.49	26.97	2.788963
HC	DDH82003	24	WA1	23.05	15.389998	17.03	81.89	12.602465	50.26	18.11	2.787534
BC	DDH82004	26	WA1	26.99	5.409997	21.03	83.45	4.514575	57.07	16.55	0.895422
BC	DDH82006	40	WA1	43.24	22.869980	31.03	66.59	15.228745	67.58	33.41	7.641249
BC	DDH82006	41	WA1	18.47	9.989999	14.59	89.42	8.933004	51.27	10.58	1.056994
BC	DDH82006	42	WA1	38.25	9.599998	21.31	65.93	6.329361	71.03	34.07	3.270636
BC	DDH82006	43	WA1	30.00	5.409999	22.12	79.63	4.308061	60.80	20.37	1.101936
BC	DDH82006	45	WA1	27.93	52.599976	20.58	81.42	42.827835	60.14	18.58	9.772144
BC	DDH82006	46	WA1	15.71	59.549988	13.25	91.90	54.726868	43.63	8.10	4.823114
LR	DDH82005	30	WA1	12.92	49.539978	9.32	92.44	45.793900	56.87	7.56	3.746078
LR	DDH82005	31	WA1	33.36	33.019974	19.52	75.94	25.074585	77.01	24.06	7.945402
LR	DDH82005	32	WA1	18.87	10.379999	14.43	87.65	9.098456	50.37	12.35	1.281542
LR	DDH82005	34	WA1	20.99	32.829971	15.55	86.05	28.251099	54.56	13.95	4.578891
LR	DDH82005	36	WA1	36.85	15.759898	27.14	72.77	11.469189	62.78	27.23	4.290809
LR	DDH82005	37	WA1	42.30	3.699999	27.63	61.31	2.268398	65.55	38.69	1.431600
LR	DDH82005	38	WA1	20.93	8.389998	16.13	87.30	7.324052	53.93	12.70	1.065946
SS	DDH82007	47	WA1	30.84	12.759998	20.43	78.10	9.965118	67.94	21.90	2.794879
SS	DDH82007	48	WA1	39.86	13.799999	26.63	69.66	9.613710	70.24	30.34	4.186288
SS	DDH82007	49	WA1	36.10	6.889999	25.03	73.20	5.043733	66.32	26.80	1.846267
TOTALS				27.00	734.326660	18.64	81.46	598.186768	63.69	18.54	136.139954

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : FRACTION CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN TO

MINE PERIOD : PROPERTY

FRACTION SIZE (MM) 10.00 X 0.60 FLOAT EQUIPEMENT JIG SG 1.98

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
HC	DDH82001	1	WA1	27.94	40.188339	18.37	80.08	32.184311	66.42	19.92	8.004028
HC	DDH82001	2	WA1	23.87	10.481519	15.08	80.47	8.434292	60.07	19.53	2.047227
HC	DDH82001	3	WA1	21.14	19.677246	15.72	85.12	16.749924	52.13	14.88	2.927322
HC	DDH82001	5	WA1	17.88	40.654663	13.83	90.48	36.786194	56.44	9.52	3.868469
HC	DDH82001	6	WA1	39.05	10.703681	26.16	69.77	7.467661	68.81	30.23	3.236020
HC	DDH82001	7	WA1	30.54	6.208617	18.25	75.74	4.702099	68.91	24.26	1.506518
HC	DDH82002	8	WA1	27.24	13.335168	17.41	80.65	10.755149	68.22	19.35	2.580019
HC	DDH82002	11	WA1	28.19	3.289200	21.41	81.99	2.696928	59.04	18.01	0.592272
HC	DDH82002	12	WA1	29.71	2.008994	19.73	74.10	1.488605	58.24	25.90	0.520389
HC	DDH82002	13	WA1	60.07	6.893171	39.62	48.60	3.349843	79.41	51.40	3.543328
HC	DDH82003	16	WA1	35.88	13.255407	25.89	70.20	9.304943	59.41	29.80	3.950464
HC	DDH82003	17	WA1	28.87	14.873009	20.80	80.98	12.044126	63.24	19.02	2.828883
HC	DDH82003	18	WA1	33.88	26.732147	22.95	75.05	20.061981	66.75	24.95	6.670166
HC	DDH82003	19	WA1	38.28	20.648071	27.38	68.94	14.234406	62.47	31.06	6.413665
HC	DDH82003	20	WA1	32.93	21.495544	23.41	77.36	16.629501	65.46	22.64	4.866043
HC	DDH82003	21	WA1	48.78	8.090875	28.44	55.38	4.480857	74.03	44.62	3.610018
HC	DDH82003	22	WA1	34.84	12.591257	23.46	70.50	8.876572	62.02	29.50	3.714685
HC	DDH82003	23	WA1	35.05	7.939052	22.52	68.66	5.451282	62.51	31.34	2.487770
HC	DDH82003	24	WA1	23.97	12.798324	17.49	79.89	10.225085	49.70	20.11	2.573238
BC	DDH82004	26	WA1	29.12	3.978513	22.35	80.62	3.207612	57.26	19.38	0.770901
BC	DDH82006	40	WA1	44.16	18.282272	32.30	63.49	11.607817	64.79	36.51	6.674456
BC	DDH82006	41	WA1	17.60	8.074917	13.55	89.13	7.197397	50.86	10.87	0.877520
BC	DDH82006	42	WA1	39.37	7.967999	20.91	62.56	4.985000	70.23	37.44	2.983000
BC	DDH82006	43	WA1	30.62	4.533038	22.43	78.12	3.541008	59.86	21.88	0.992030
BC	DDH82006	45	WA1	28.53	43.368698	20.94	80.05	34.718262	59.00	19.95	8.650436
BC	DDH82006	46	WA1	17.35	37.361664	12.84	88.35	33.008453	51.54	11.65	4.353210
LR	DDH82005	30	WA1	11.71	43.188968	8.37	92.87	40.108704	55.19	7.13	3.080261
LR	DDH82005	31	WA1	31.42	27.644333	17.58	75.78	20.948746	74.72	24.22	6.695587
LR	DDH82005	32	WA1	17.54	9.261036	13.67	87.93	8.142941	45.68	12.07	1.118094
LR	DDH82005	34	WA1	20.33	27.127426	14.88	85.53	23.202957	52.60	14.47	3.924469
LR	DDH82005	36	WA1	36.15	13.121775	27.03	71.44	9.374611	58.96	28.56	3.747164
LR	DDH82005	37	WA1	49.03	2.565579	32.13	49.73	1.275764	65.75	50.27	1.289816
LR	DDH82005	38	WA1	21.10	6.758144	15.94	86.28	5.830994	53.55	13.72	0.927151
SS	DDH82007	47	WA1	28.92	11.392127	19.17	78.66	8.960864	64.83	21.34	2.431263
SS	DDH82007	48	WA1	39.34	11.901120	26.32	68.42	8.142846	67.55	31.58	3.758274
SS	DDH82007	49	WA1	35.56	6.101095	24.72	72.40	4.416994	63.98	27.60	1.684101
				27.90	574.490234	18.63	79.13	454.593506	63.06	20.87	119.898087

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : FRACTION CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN TO

MINE PERIOD : PROPERTY

FRACTION SIZE (MM) 0.60 X 0.15 FLOAT EQUIPEMENT WOC2 SG 2.18

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
HC	DDH82001	1	WA1	18.46	6.434484	15.04	93.00	5.984289	63.89	7.00	0.450194
HC	DDH82001	2	WA1	19.22	2.460443	15.30	92.14	2.266960	65.08	7.86	0.193482
HC	DDH82001	3	WA1	13.75	7.465799	12.53	95.78	7.150805	41.22	4.22	0.314994
HC	DDH82001	5	WA1	14.52	9.995191	12.49	95.00	9.495898	53.09	5.00	0.499292
HC	DDH82001	6	WA1	38.73	1.488523	32.23	84.76	1.261672	74.85	15.24	0.226851
HC	DDH82001	7	WA1	31.07	1.238015	24.84	86.63	1.072449	71.40	13.37	0.165566
HC	DDH82002	8	WA1	19.93	2.519285	16.63	93.19	2.347753	65.18	6.81	0.171533
HC	DDH82002	11	WA1	21.19	1.427999	19.17	93.68	1.337767	51.19	6.32	0.090233
HC	DDH82002	12	WA1	9.35	0.735325	8.46	97.12	0.714128	39.52	2.88	0.021197
HC	DDH82002	13	WA1	30.16	1.358981	24.51	88.67	1.204991	74.38	11.33	0.153990
HC	DDH82003	16	WA1	31.97	2.110881	26.33	88.28	1.863568	74.41	11.72	0.247313
HC	DDH82003	17	WA1	17.77	2.486206	15.33	94.22	2.342434	57.50	5.78	0.143772
HC	DDH82003	18	WA1	29.13	5.395936	23.46	88.73	4.787814	73.76	11.27	0.608122
HC	DDH82003	19	WA1	31.87	3.780120	25.51	87.63	3.312632	72.88	12.37	0.467488
HC	DDH82003	20	WA1	37.93	2.381184	31.25	85.17	2.028108	76.31	14.83	0.353076
HC	DDH82003	21	WA1	31.18	0.794935	24.64	87.05	0.691992	75.20	12.95	0.102943
HC	DDH82003	22	WA1	30.88	2.199581	26.23	88.20	1.939942	65.63	11.80	0.259639
HC	DDH82003	23	WA1	22.59	1.586156	18.54	91.60	1.452952	66.75	8.40	0.133204
HC	DDH82003	24	WA1	16.37	1.794474	13.41	93.57	1.679161	59.49	6.43	0.115313
BC	DDH82004	26	WA1	19.07	0.915913	17.15	94.34	0.864106	51.10	5.66	0.051807
BC	DDH82006	40	WA1	37.38	2.817583	30.98	85.08	2.397220	73.88	14.92	0.420363
BC	DDH82006	41	WA1	21.04	1.069928	18.88	93.25	0.997713	50.83	6.75	0.072215
BC	DDH82006	42	WA1	31.07	1.012799	24.74	86.91	0.880243	73.05	13.09	0.132556
BC	DDH82006	43	WA1	25.12	0.551820	21.54	91.60	0.505466	64.22	8.40	0.046354
BC	DDH82006	45	WA1	22.27	5.838600	19.09	92.42	5.396294	61.01	7.58	0.442307
BC	DDH82006	46	WA1	10.94	12.815162	10.03	96.67	12.388926	37.45	3.33	0.426236
LR	DDH82005	30	WA1	17.87	4.280163	14.79	93.06	3.992246	59.06	6.94	0.297917
LR	DDH82005	31	WA1	42.24	3.496818	34.03	81.71	2.857087	78.92	18.29	0.639730
LR	DDH82005	32	WA1	25.89	0.790956	21.47	91.05	0.720146	70.83	8.95	0.070809
LR	DDH82005	34	WA1	21.12	3.562055	18.43	93.06	3.314868	57.20	6.94	0.247187
LR	DDH82005	36	WA1	36.13	1.702080	31.28	86.85	1.478232	68.17	13.15	0.223847
LR	DDH82005	37	WA1	28.04	0.633070	23.96	89.91	0.569183	64.40	10.09	0.063887
LR	DDH82005	38	WA1	17.86	1.107479	15.92	94.43	1.045761	50.77	5.57	0.061718
SS	DDH82007	47	WA1	42.81	0.927652	36.36	79.07	0.733472	67.16	20.93	0.194180
SS	DDH82007	48	WA1	38.23	1.179899	32.63	85.74	1.011594	71.92	14.26	0.168305
SS	DDH82007	49	WA1	36.43	0.529152	30.36	86.19	0.456064	74.32	13.81	0.073088
				22.38	100.894379	18.52	91.72	92.543716	65.16	8.28	8.350705

FRACTION SIZE (MM) 0.15 X 0.0 FROTH EQUIPEMENT FRTH SG 0.0

BLK	DS	SID	WID	HEAD ASH%	RAW COAL TONNAGE	CLEAN COAL ASH%	CLEAN COAL YIELD	CLEAN COAL TONNAGE	REFUSE ASH%	REFUSE YIELD	REFUSE TONNAGE
HC	DDH82001	1	WA1	34.55	2.797172	19.00	75.75	2.118823	83.10	24.25	0.678349
HC	DDH82001	2	WA1	24.83	1.338036	19.00	85.72	1.147010	59.84	14.28	0.191026
HC	DDH82001	3	WA1	14.49	5.316949	19.00	102.00	5.423340	*****	-2.00	-0.106391

HC	DDH82001	5	WA1	17.86	5.980127	19.00	95.68	5.721608	-7.36	4.32	0.258519
HC	DDH82001	6	WA1	47.17	0.717796	19.00	66.34	0.476199	*****	33.66	0.241597
HC	DDH82001	7	WA1	39.56	0.613366	19.00	71.66	0.439510	91.53	28.34	0.173855
HC	DDH82002	8	WA1	23.80	1.365545	19.00	87.01	1.188118	55.93	12.99	0.177427
HC	DDH82002	11	WA1	13.97	1.282800	19.00	103.11	1.322671	*****	-3.11	-0.039871
HC	DDH82002	12	WA1	9.84	0.605680	19.00	113.70	0.688666	85.89	*****	-0.082986
HC	DDH82002	13	WA1	24.99	1.017845	19.00	85.53	0.870564	60.40	14.47	0.147281
HC	DDH82003	16	WA1	28.59	1.163712	19.00	81.47	0.948047	70.73	18.53	0.215665
HC	DDH82003	17	WA1	23.73	1.070783	19.00	87.09	0.932564	55.65	12.91	0.138218
HC	DDH82003	18	WA1	24.41	3.231904	19.00	86.24	2.787065	58.33	13.76	0.444839
HC	DDH82003	19	WA1	33.70	1.731791	19.00	76.50	1.324756	81.55	23.50	0.407036
HC	DDH82003	20	WA1	35.97	1.083263	19.00	74.53	0.807377	85.61	25.47	0.275886
HC	DDH82003	21	WA1	45.19	0.304189	19.00	67.64	0.205742	99.92	32.36	0.098447
HC	DDH82003	22	WA1	35.05	1.079160	19.00	75.31	0.812725	84.01	24.69	0.266435
HC	DDH82003	23	WA1	30.63	0.814792	19.00	79.38	0.646802	75.41	20.62	0.167990
HC	DDH82003	24	WA1	23.35	0.797202	19.00	87.58	0.698219	54.02	12.42	0.098983
BC	DDH82004	26	WA1	24.69	0.515573	19.00	85.90	0.442858	59.34	14.10	0.072715
BC	DDH82006	40	WA1	43.01	1.770138	19.00	69.13	1.223708	96.77	30.87	0.546430
BC	DDH82006	41	WA1	23.56	0.845154	19.00	87.31	0.737894	54.94	12.69	0.107260
BC	DDH82006	42	WA1	35.47	0.619200	19.00	74.95	0.464120	84.74	25.05	0.155080
BC	DDH82006	43	WA1	29.56	0.325141	19.00	80.45	0.261588	73.04	19.55	0.063553
BC	DDH82006	45	WA1	30.04	3.392699	19.00	79.97	2.713298	74.11	20.03	0.679401
BC	DDH82006	46	WA1	15.72	9.373169	19.00	99.53	9.329501	*****	0.47	0.043668
LR	DDH82005	30	WA1	27.95	2.060863	19.00	82.15	1.692965	69.14	17.85	0.367899
LR	DDH82005	31	WA1	45.35	1.878838	19.00	67.53	1.268753	*****	32.47	0.610085
LR	DDH82005	32	WA1	39.42	0.328008	19.00	71.76	0.235369	91.32	28.24	0.092639
LR	DDH82005	34	WA1	29.06	2.140515	19.00	80.97	1.733280	71.86	19.03	0.407235
LR	DDH82005	36	WA1	47.96	0.936144	19.00	65.84	0.616346	*****	34.16	0.319798
LR	DDH82005	37	WA1	25.89	0.501350	19.00	84.46	0.423452	63.34	15.54	0.077898
LR	DDH82005	38	WA1	25.18	0.524375	19.00	85.30	0.447298	61.05	14.70	0.077077
SS	DDH82007	47	WA1	55.34	0.440220	19.00	61.51	0.270784	*****	38.49	0.169436
SS	DDH82007	48	WA1	51.17	0.718980	19.00	63.88	0.459271	*****	36.12	0.259709
SS	DDH82007	49	WA1	48.17	0.259753	19.00	65.71	0.170675	*****	34.29	0.089078
				26.06	58.942001	19.00	86.61	51.050781	71.72	13.39	7.891257
	TOTALS			27.00	734.326416	18.64	81.46	598.187988	63.69	18.54	136.140030

Averaged Quality Data Tables

Contribution Route

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN TO

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	RM 1008	ASH 1009	VM 1010	FC 1011	TS 1012	HGI 1019	C 1805	H 1806	N 1807	O 1808
KPNHCDDH82001	1	2.780	17.911	9.429	69.881	0.560	43.000	71.547	2.574	0.938	3.692
KPNHCDDH82001	2	2.210	15.504	8.828	73.458	0.520	43.000	73.945	2.629	0.921	4.253
KPNHCDDH82001	3	2.040	15.552	7.473	74.935	0.470	67.000	75.419	2.567	0.742	5.298
KPNHCDDH82001	5	1.630	14.153	7.227	76.991	0.470	40.000	77.487	2.678	0.951	4.301
KPNHCDDH82001	6	1.190	26.618	6.261	65.932	1.070	43.000	66.042	2.373	0.766	2.022
KPNHCDDH82001	7	2.710	19.442	7.730	70.118	0.420	43.000	70.944	2.527	0.856	3.104
KPNHCDDH82002	8	1.810	17.411	7.337	73.442	0.650	46.000	74.420	2.853	1.039	1.702
KPNHCDDH82002	11	2.860	20.258	9.227	67.655	0.510	137.000	67.905	2.496	0.929	5.043
KPNHCDDH82002	12	1.890	16.774	8.640	72.697	0.880	84.000	73.280	2.464	0.925	3.782
KPNHCDDH82002	13	1.590	32.953	5.716	59.740	0.500	86.000	61.972	2.280	0.674	0.128
KPNHCDDH82003	16	1.810	25.421	8.745	64.024	0.590	61.000	64.545	2.324	0.873	4.467
KPNHCDDH82003	17	1.230	19.852	8.412	70.506	2.020	56.000	70.827	2.601	0.937	2.541
KPNHCDDH82003	18	0.550	22.640	9.726	67.083	0.650	64.000	68.270	2.628	1.000	4.275
KPNHCDDH82003	19	0.640	26.467	8.040	64.853	1.190	58.000	65.248	2.359	0.927	3.267
KPNHCDDH82003	20	1.340	24.044	7.155	67.461	0.510	43.000	67.749	2.500	0.883	3.011
KPNHCDDH82003	21	1.480	27.586	8.477	62.457	0.590	41.000	62.666	2.302	0.904	4.500
KPNHCDDH82003	22	1.460	23.613	10.183	64.743	0.440	46.000	67.091	2.657	0.831	3.923
KPNHCDDH82003	23	1.960	21.454	10.007	66.579	0.460	********	71.656	2.787	0.838	0.857
KPNHCDDH82003	24	0.770	17.030	11.654	70.546	0.470	48.000	72.977	2.535	0.852	5.343
KPNBCDDH82004	26	0.830	21.029	9.212	68.929	0.480	61.000	71.029	2.972	0.872	2.793
KPNBCDDH82006	40	0.980	31.026	6.263	61.731	0.460	********	62.263	2.461	0.694	2.171
KPNBCDDH82006	41	0.640	14.594	6.669	78.098	1.450	********	78.348	2.678	0.917	1.313
KPNBCDDH82006	42	1.550	21.306	8.160	68.984	0.950	********	69.102	2.563	0.805	3.741
KPNBCDDH82006	43	0.920	22.117	7.447	69.516	0.400	42.000	70.190	2.451	0.931	3.011
KPNBCDDH82006	45	1.500	20.581	8.560	69.359	2.350	45.000	70.042	2.187	0.821	2.543
KPNBCDDH82006	46	0.750	13.251	8.950	77.049	0.480	********	78.946	3.039	0.849	3.448
KPNLRDDH82005	30	2.520	9.324	7.877	80.280	0.440	35.000	82.651	2.742	0.858	4.108
KPNLRDDH82005	31	1.600	19.524	6.817	72.059	0.460	39.000	74.087	2.453	0.815	1.096
KPNLRDDH82005	32	1.900	14.429	10.494	73.177	0.530	37.000	76.227	2.741	0.906	5.267
KPNLRDDH82005	34	1.770	15.546	8.470	74.215	0.510	43.000	75.044	2.964	0.954	3.794
KPNLRDDH82005	36	1.450	27.144	7.392	64.014	0.500	41.000	62.045	2.204	0.735	5.975
KPNLRDDH82005	37	1.060	27.632	6.665	64.642	0.560	********	64.687	2.358	0.783	2.981
KPNLRDDH82005	38	2.950	16.128	9.890	71.032	0.490	54.000	72.540	2.187	1.012	4.687
KPNSSDDH82007	47	1.260	20.432	7.580	70.728	0.580	50.000	71.095	2.275	0.854	3.507
KPNSSDDH82007	48	1.130	26.691	6.496	65.743	0.360	42.000	66.133	2.100	0.799	2.872
KPNSSDDH82007	49	0.700	25.034	5.282	68.984	0.820	38.000	69.455	2.391	0.729	0.933
QUALITY		1.577	18.643	8.219	71.561	0.726	48.064	71.531	2.522	0.861	3.444

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN TO

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	SIO2 1504	AL23 1505	FE23 1506	CAO 1507	MGO 1508	TIO2 1509	NA2O 1510	K2O 1511	SO3 1512	P2O5 1513
KPNHCDDH82001	1	53.380	17.730	2.780	6.230	3.600	0.830	2.270	0.600	2.470	1.000
KPNHCDDH82001	2	49.100	18.280	2.210	10.100	2.730	0.620	1.690	1.360	3.080	2.060
KPNHCDDH82001	3	55.550	18.010	2.040	6.310	2.270	0.490	0.420	1.050	4.930	0.550
KPNHCDDH82001	5	54.660	16.910	1.630	3.920	2.330	0.810	1.290	0.890	3.050	1.460
KPNHCDDH82001	6	60.700	20.630	1.190	1.960	1.220	0.550	2.860	1.880	0.920	0.580
KPNHCDDH82001	7	51.930	19.040	2.710	4.270	1.750	1.020	2.700	1.510	1.470	2.020
KPNHCDDH82002	8	59.220	18.920	1.810	5.490	3.460	0.560	2.190	0.750	1.710	1.580
KPNHCDDH82002	11	54.570	20.150	2.860	3.110	1.460	0.920	0.930	0.830	1.490	1.890
KPNHCDDH82002	12	50.000	17.240	1.890	8.130	2.830	0.940	1.100	0.530	1.950	2.160
KPNHCDDH82002	13	60.790	16.880	1.590	1.290	0.920	1.150	1.430	0.900	0.910	1.150
KPNHCDDH82003	16	62.960	21.470	1.810	1.220	1.170	0.800	1.090	1.280	0.940	0.290
KPNHCDDH82003	17	50.160	19.570	1.230	4.950	1.610	0.930	1.430	0.450	2.900	2.380
KPNHCDDH82003	18	61.040	21.110	0.550	3.860	1.510	0.630	1.090	0.900	1.510	1.410
KPNHCDDH82003	19	57.700	19.940	0.640	3.720	1.800	0.860	1.010	0.980	2.150	1.730
KPNHCDDH82003	20	66.960	18.360	1.340	1.900	1.120	0.810	1.260	0.600	1.110	1.050
KPNHCDDH82003	21	63.230	23.960	1.480	1.830	1.220	0.760	1.010	1.730	1.420	0.630
KPNHCDDH82003	22	59.260	20.990	1.460	2.910	1.270	0.920	1.350	0.900	1.290	1.270
KPNHCDDH82003	23	60.240	19.440	1.960	4.670	1.700	0.800	1.180	0.750	1.930	1.380
KPNHCDDH82003	24	39.200	21.070	0.770	13.680	5.410	0.630	0.840	0.750	4.160	2.180
KPNBCDDH82004	26	52.350	20.280	0.830	4.740	2.040	0.740	0.670	1.200	1.690	2.590
KPNBCDDH82006	40	64.950	21.510	1.130	1.350	1.560	0.920	1.260	1.580	0.850	1.120
KPNBCDDH82006	41	50.430	18.010	0.640	2.300	1.700	1.120	1.680	0.980	2.110	1.370
KPNBCDDH82006	42	49.400	19.890	1.550	3.790	1.630	0.850	1.570	1.370	2.110	1.370
KPNBCDDH82006	43	49.410	18.060	0.920	4.030	2.060	0.760	1.250	2.410	0.910	3.340
KPNBCDDH82006	45	50.240	19.760	1.500	3.520	3.200	0.450	1.220	1.320	4.120	0.850
KPNBCDDH82006	46	38.780	17.190	0.750	10.170	6.190	0.500	1.140	0.900	4.410	1.640
KPNLRDDH82005	30	45.310	14.210	2.520	7.180	4.680	0.580	0.760	0.940	5.070	1.780
KPNLRDDH82005	31	69.530	17.060	1.600	1.080	1.220	0.650	1.260	0.680	1.040	0.260
KPNLRDDH82005	32	38.750	19.640	1.900	3.120	3.060	0.620	1.010	1.200	3.720	0.330
KPNLRDDH82005	34	53.560	18.470	1.770	4.680	2.000	0.900	1.180	0.900	1.600	2.500
KPNLRDDH82005	36	64.550	18.840	1.450	0.950	0.490	0.960	1.690	0.830	0.430	0.690
KPNLRDDH82005	37	69.360	18.810	1.060	1.760	2.040	0.870	0.840	0.380	0.360	0.450
KPNLRDDH82005	38	53.230	17.110	2.950	8.390	1.700	0.690	1.430	0.300	1.870	4.050
KPNSSDDH82007	47	53.140	19.920	1.260	2.270	1.970	1.000	1.580	1.870	1.650	0.870
KPNSSDDH82007	48	54.700	21.140	1.130	0.790	1.140	0.900	1.470	2.480	0.990	0.790
KPNSSDDH82007	49	60.730	18.870	0.700	1.890	1.750	0.770	1.470	1.310	2.370	1.120
QUALITY		55.257	18.918	1.513	4.337	2.422	0.740	1.331	1.038	2.389	1.307

ASTERIKS MEANS NO VALUE

GCRI - COAL DIVISION
COAL PROCESSING SIMULATOR
YIELD SUMMARY REPORT

REPORT TYPE : QUALITY CONTRIBUTION SUMMARY

RUN TITLE : RUN NAME :20% ASH PRODUCT KLAPPAN TO

MINE PERIOD : PROPERTY

DATA SOURCE ELEMENT NO.	SID	OIT 1404	OST 1405	OHT 1406	OFT 1407	RIT 1408	RST 1409	RHT 1410	RFT 1411
KPNHCDDH82001	1	1225.000	1275.000	1290.000	1325.000	1215.000	1265.000	1285.000	1310.000
KPNHCDDH82001	2	1210.000	1240.000	1260.000	1300.000	1190.000	1230.000	1250.000	1270.000
KPNHCDDH82001	3	1220.000	1275.000	1300.000	1360.000	1210.000	1260.000	1275.000	1345.000
KPNHCDDH82001	5	1230.000	1260.000	1310.000	1330.000	1195.000	1245.000	1265.000	1300.000
KPNHCDDH82001	6	1305.000	1435.000	1460.000	1480.000	1295.000	1395.000	1440.000	1460.000
KPNHCDDH82001	7	1240.000	1330.000	1365.000	1400.000	1220.000	1305.000	1360.000	1400.000
KPNHCDDH82002	8	1200.000	1280.000	1305.000	1365.000	1195.000	1260.000	1300.000	1355.000
KPNHCDDH82002	11	1280.000	1375.000	1435.000	1470.000	1270.000	1360.000	1430.000	1445.000
KPNHCDDH82002	12	1230.000	1260.000	1280.000	1340.000	1220.000	1260.000	1280.000	1315.000
KPNHCDDH82002	13	1310.000	1485.000	1500.000	1500.000	1300.000	1475.000	1490.000	1500.000
KPNHCDDH82003	16	1295.000	1435.000	1460.000	1480.000	1240.000	1420.000	1455.000	1480.000
KPNHCDDH82003	17	1240.000	1270.000	1295.000	1325.000	1240.000	1270.000	1290.000	1315.000
KPNHCDDH82003	18	1220.000	1310.000	1335.000	1390.000	1215.000	1305.000	1330.000	1390.000
KPNHCDDH82003	19	1230.000	1290.000	1340.000	1380.000	1225.000	1280.000	1325.000	1360.000
KPNHCDDH82003	20	1210.000	1390.000	1415.000	1450.000	1190.000	1370.000	1400.000	1435.000
KPNHCDDH82003	21	1205.000	1340.000	1360.000	1390.000	1170.000	1330.000	1355.000	1380.000
KPNHCDDH82003	22	1230.000	1345.000	1360.000	1370.000	1215.000	1335.000	1355.000	1365.000
KPNHCDDH82003	23	1240.000	1290.000	1310.000	1345.000	1235.000	1285.000	1300.000	1335.000
KPNHCDDH82003	24	1195.000	1220.000	1235.000	1255.000	1185.000	1210.000	1230.000	1255.000
KPNBCDDH82004	26	1220.000	1270.000	1300.000	1340.000	1210.000	1265.000	1290.000	1330.000
KPNBCDDH82006	40	1215.000	1400.000	1435.000	1465.000	1210.000	1400.000	1435.000	1460.000
KPNBCDDH82006	41	1225.000	1360.000	1375.000	1415.000	1205.000	1350.000	1370.000	1410.000
KPNBCDDH82006	42	1230.000	1300.000	1335.000	1375.000	1215.000	1275.000	1325.000	1360.000
KPNBCDDH82006	43	1205.000	1280.000	1300.000	1345.000	1200.000	1260.000	1280.000	1305.000
KPNBCDDH82006	45	1280.000	1350.000	1365.000	1395.000	1275.000	1345.000	1360.000	1390.000
KPNBCDDH82006	46	1235.000	1280.000	1300.000	1330.000	1200.000	1225.000	1230.000	1260.000
KPNLRDDH82005	30	1225.000	1245.000	1270.000	1305.000	1170.000	1185.000	1205.000	1235.000
KPNLRDDH82005	31	1310.000	1450.000	1470.000	1500.000	1300.000	1450.000	1460.000	1500.000
KPNLRDDH82005	32	1250.000	1320.000	1335.000	1370.000	1130.000	1175.000	1200.000	1315.000
KPNLRDDH82005	34	1235.000	1265.000	1275.000	1300.000	1235.000	1265.000	1275.000	1295.000
KPNLRDDH82005	36	1300.000	1495.000	1500.000	1500.000	1300.000	1485.000	1500.000	1500.000
KPNLRDDH82005	37	1305.000	1410.000	1445.000	1490.000	1300.000	1405.000	1420.000	1485.000
KPNLRDDH82005	38	1220.000	1255.000	1275.000	1315.000	1215.000	1245.000	1270.000	1315.000
KPNSSDDH82007	47	1220.000	1335.000	1365.000	1400.000	1220.000	1330.000	1360.000	1400.000
KPNSSDDH82007	48	1205.000	1485.000	1500.000	1500.000	1195.000	1470.000	1480.000	1500.000
KPNSSDDH82007	49	1210.000	1360.000	1380.000	1440.000	1180.000	1350.000	1375.000	1420.000
QUALITY		1239.918	1328.659	1352.861	1384.889	1223.491	1311.983	1334.578	1367.793

ASTERIKS MEANS NO VALUE