TELKWA PROJECT - COAL QUALITY SUMMARY

PIT #7 Composited seams - Raw and Washed results, reported on an A.D. basis

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I
T82D-216	6M	-	19.91	21.05	1.14	1.04	1.05	10.61	6.50	27.92	29.03	60.43	63.42	30.81	32.30			90.00	1.38	1.60	2.00
	6LB	96	21.64	24.74	3.10																
	6L Prtg		24.74	25.07	0.33																
	6LA	96	25.07	25.56	0.49																
					3.92	1.05	1.21	18.36	6.86	27.10	28.30	53.49	63.63	27.25	32.04			72.00	1.45	1.60	2.50
	5	77	27.66	29.50	1.84	0.98	1.05	12.12	6.66	28.67	29.01	58.23	63.28	29.98	32.16			86.00	1.40	1.60	3.50
	3U		34.92	35.82	0.90																
	3 Prtg		35.82	36.12	0.30																
	3L	-	36.12	37.18	1.06	0.91	1.11	10.09	8.25	26.88	26.49	62.12	64.15	30.81	31.51			91.00	1.38	1.60	1.50
	2U		46.28	46.86	0.58																
	2B	96	48.17	49.61	1.44																
	2 Prtg	96	49.61	49.85	0.24																
	2A	96	49.85	52.13	2.28																
					3.96	0.86	1.38	24.94	10.01	24.43	27.38	49.77	61.23	25.47	31.06			66.00	1.52	1.60	3.00
T82D-217	N/C																				

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean	ASH Raw (%)	Clean	VOLATILE MATTER Raw (%)	Clean	FIXED CARBON Raw (%)	Clean	CALORIFIC VALUE Raw (MJ/kg)	Clean	SULPHUR Raw (%)	Clean	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T82D-218		95	35.15	35.72	0.57	0.87	1.01	20.60	13.95	23.89	25.71	54.64	59.33	26.82	29.38			71.00	1.48	1.60	1.00
	6LB	43	45.94	48.37	2.43	0.91	0.96	9.03	5.91	25.77	27.69	64.29	65.44	31.11	32.25			90.00	1.37	1.60	2.00
	6L Prtg		48.37	49.58	1.21																
	6LA		49.58	50.08	0.50	0.73	0.69	21.00	12.29	26.84	30.38	51.43	56.64	26.70	30.35			68.00	1.48	1.60	6.50
	5	80	52.82	54.56	1.74	0.74	0.77	10.15	8.41	27.98	28.53	61.13	62.29	30.77	31.51			91.00	1.38	1.60	2.50
	3U	95	59.93	61.32	1.39	0.75	0.96	10.58	8.36	26.88	27.31	61.79	63.37	30.87	31.68			89.00	1.38	1.60	2.00
	3 Prtg		61.32	62.08	0.76																
	3L	95	62.08	62.66	0.58	0.65	0.63	19.05	10.72	26.00	27.29	54.30	61.36	27.65	30.93			73.00	1.46	1.60	3.50
	2B	100	72.48	74.22	1.74																
	2A	100	74.22	76.01	1.79																
		100			3.53	0.65	1.03	16.97	9.53	25.57	26.41	56.81	63.03	28.21	31.08			76.00	1.44	1.60	2.50
T84D-442	2B	75	12.83	13.85	1.02																
	2A		13.85	15.32	1.47																
					2.49	1.05	2.46	21.57	12.29		26.26		58.99		29.59	0.60	0.52	78.70	1.49	1.70	-
T84D-443	G	64	13.83	15.01	1.18	0.70	1.52	18.58	13.67		26.80		58.01		29.71	2.39	1.94	88.21	1.46	1.70	-
	F	92	34.04	34.84	0.80	0.54	1.26	26.87	17.44		28.12		53.18		28.60	3.73	1.64	74.64	1.54	1.70	-
	D2	100	49.36	50.00	0.64	0.75	1.67	39.45	20.96		24.15		53.33		26.85	0.37	0.51	53.29	1.69	1.70	-
	D1	100	50.68	51.39	0.71	0.85	1.59	37.57	17.35		26.36		54.70		28.20	2.32	0.76	58.45	1.66	1.70	-
	C2	84	53.60	54.44	0.84	0.80	1.93	42.03	20.46		24.37		53.24		27.12	0.53	0.62	53.91	1.72	1.70	-
	C1	100	55.28	56.45	1.17	0.81	1.68	30.18	17.55		25.29		55.48		28.02	1.43	0.68	70.78	1.58	1.70	-
	B	100	66.50	67.30	0.80	0.88	2.30	32.45	19.70		24.13		53.87		17.92	0.35	0.40	68.77	1.60	1.70	-
	A2	100	87.16	88.50	1.34	0.50	2.50	37.98	19.82		25.92		51.76		26.84	0.49	0.59	56.13	1.67	1.70	-
	A1	94	90.16	91.92	1.76	0.74	1.52	51.35	24.32		24.18		49.98		25.08	0.32	0.55	29.71	1.86	1.70	-

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T84D-444	C1	54	67.47	68.84	1.37	0.90	1.73	26.21	15.51	25.09		57.67		28.74		0.48	0.55	77.83	1.53	1.70	-
	B	43	76.92	77.34	0.42	0.72	1.54	29.94	21.06	24.97		52.43		26.68		0.43	0.37	77.86	1.57	1.70	-
		75	87.04	87.48	0.44	0.76	1.43	40.26	23.46	23.41		51.70		25.72		0.25	0.34	50.72	1.70	1.70	
		49	98.65	99.04	0.39	0.88	1.53	18.46	14.75	29.24		54.48		29.18		0.40	0.36	93.49	1.46	1.70	
	A2	66	99.88	101.46	1.58	0.90	1.81	37.89	22.47	28.17		47.55		25.92		0.35	0.46	57.23	1.67	1.70	-
	A1	77	106.72	109.44	2.72	0.79	1.06	43.53	26.27	25.94		46.73		24.51		3.23	1.78	47.18	1.74	1.70	-
T85D-503	E1	100	19.17	20.06	0.89	0.46	0.67	18.74	11.56	30.01		57.76		30.90		1.82	1.82	83.80	1.46	1.60	5.00
	C1	58	30.02	31.60	1.58	0.67	0.51	27.54	17.19	30.12		52.18		29.17		2.47	1.48	68.23	1.55	1.60	4.50
	A2	57	50.80	53.08	2.28	0.56	0.83	38.74	17.15	28.49		53.53		28.36		0.37	0.46	49.96	1.68	1.60	4.00
T85D-504	6UC		13.84	15.39	1.55																
	6UP2		15.39	15.78	0.39																
	6UB		15.78	16.24	0.46																
	6UP1		16.24	16.46	0.22																
	6UA		16.46	17.19	0.73																
		99			3.35	0.70	0.85	28.19	8.03	31.80		59.32		31.64		2.17	1.36	67.09	1.55	1.60	3.50
	6M	100	20.10	21.30	1.20	0.43	0.78	13.82	8.23	29.60		61.39		31.93		2.63	0.99	90.99	1.41	1.60	3.50
	6LB	100	22.62	26.92	4.30	0.74	0.69	13.03	7.11	29.61		62.59		32.31		1.36	0.79	88.20	1.41	1.60	2.50
	6L Prtg	96	26.92	27.62	0.70	1.30	0.42	82.10	27.70	27.66		44.22		24.58		2.19		1.81	2.50		
	6LA	85	27.62	28.44	0.82	1.12	0.74	24.87	15.56	30.10		53.60		29.06		1.35	1.10	71.62	1.52	1.60	
	5	95	30.04	32.14	2.10	1.04	0.70	11.90	6.90	31.13		61.27		32.56		1.11	0.77	88.51	1.40	1.60	4.00
	3U	100	38.32	39.29	0.97	0.80	0.54	13.02	8.59	29.68		61.19		32.02		1.61	1.20	89.27	1.41	1.60	2.00
	3 Prtg		39.29	39.80	0.51																
	3 Prtg		39.80	40.16	0.36	0.73	0.73	17.54	12.87	25.98		60.42		30.14		3.46	1.68	81.74	1.45	1.60	
	3 Prtg		40.16	40.52	0.36																
	3L	100	40.52	41.24	0.72	0.94	0.48	17.25	10.15	28.61		60.76		31.37		1.59	1.01	82.04	1.44	1.60	2.00
	2B	100	51.80	53.30	1.50																
	2 Prtg	100	53.30	53.53	0.23																
	2A	100	53.53	55.72	2.19																
					3.92	1.04	0.84	23.54	10.93	29.17		59.06		30.71		0.82	0.62	75.14	1.51	1.60	3.00

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T86D-603	2B		22.60	24.28	1.68																
	2A		24.28	26.35	2.07																
					3.75	1.83	1.64	14.30	9.06	27.07		62.23		31.21		0.59	0.56	86.66	1.42	1.60	
T86D-604/	6UC	84	25.41	27.12	1.71	1.28	1.61	12.17	6.70	29.02		62.27		31.76		2.67	1.57	85.96	1.40	1.60	
T89D604A		100	27.87	28.43	0.56	1.15	1.24	31.87	11.24	27.10		60.42		30.20		2.41	2.18	60.98	1.60		
	6M	100	29.40	31.36	1.96	1.52	1.31	14.59	9.63	25.82		63.24		30.73		1.30	1.15	86.75	1.42	1.60	
	6LB	97	33.80	35.36	1.56	1.37	1.84	27.83	8.98	26.60		62.58		30.76		1.91	0.65	65.57	1.55	1.60	
	6L Prtg		35.36	36.06																	
	6LA	94	36.06	36.68	0.62	0.84	1.62	28.24	16.02	24.83		57.53		27.89		1.80	1.36	64.01	1.56	1.60	
	5R	100	40.49	42.34	1.85	1.36	1.41	9.63	7.57	27.71		63.31		31.84		0.52	0.53	94.24	1.38	1.60	
	5	100	47.36	49.28	1.92	1.24	1.14	9.47	5.67	28.44		64.75		32.44		0.84	0.72	91.27	1.37	1.60	
	3U	100	53.93	55.05	1.12	1.14	1.00	16.70	9.97	26.80		62.23		31.18		2.33	1.37	86.40	1.44	1.60	
	3 Prtg		55.05	55.81																	
	3L	100	55.81	56.23	0.42	1.07	0.92	17.75	10.67	28.61		59.80		31.01		2.23	1.64	77.74	1.45	1.60	
	2B		64.92	66.49	1.57																
	2A		66.49	68.30	1.81																
		99			3.38	1.40	1.04	15.45	9.88	26.51		62.57		31.21		0.54	0.54	84.59	1.43	1.60	
T89R-901	G		47.00	47.76	0.76																
	F		61.85	62.07	0.22																
	D2		81.17	81.78	0.61																
	D1		82.60	83.07	0.47																
	C2		84.00	84.60	0.60																
	C1		85.11	86.04	0.93																
	B		96.54	97.23	0.69																

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T89R-902	D2		18.57	19.14	0.57																
	D1		20.80	21.25	0.45																
	C2		22.93	23.54	0.61																
	C1		24.05	24.88	0.83																
	B		39.20	40.00	0.80																
	A2		48.47	50.57	2.10																
	A1		53.47	54.40	0.93																
T89R-903	D2		54.54	55.74	1.20																
	D1		56.88	57.15	0.27																
	C2		60.16	60.77	0.61																
	C1		62.58	63.53	0.95																
	B		70.72	71.82	1.10																
	?		72.88	74.95	2.07																
	?		78.49	79.56	1.07																
	A2		89.04	89.96	0.92																
T89R-904	10		13.95	15.00	1.05																
	9		20.03	21.05	1.02																
	8U		23.95	24.25	0.30																
	8L		25.52	26.37	0.85																
	6UA		50.84	51.23	0.39																
	6M		51.84	52.83	0.99																
	6LB		55.35	57.42	2.07																
	6LA		58.18	59.12	0.94																
	5R		63.24	65.38	2.14																
	5		68.12	69.64	1.52																
	3U		74.86	76.21	1.35																
			76.21	77.38																	
	3L		77.38	77.90	0.52																
	2B		88.52	90.13	1.61																
	2A		90.13	92.11	1.98																
					3.59																

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T89R-905/	6UC		19.03	20.67	1.64																
T89D-905A	6UP2		20.67	21.05	0.38																
	6UB		21.05	21.62	0.57																
	6UP1		21.62	21.80	0.18																
	6UA		21.80	22.55	0.75																
					3.52																
	6M		24.10	25.65	1.55																
	6LB		26.17	29.17	3.00																
	6L Prtg		29.17	30.53	1.36																
	6LA		30.53	31.17	0.64																
	5		32.72	34.91	2.19																
	3U		41.57	42.53	0.96																
	3 Prtg																				
	3L		42.99	43.26	0.27																
	2U		54.44	54.52	0.08																
	2B		55.62	57.59	1.97																
	2A		57.59	59.53	1.94																
					3.91																

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T89R-906/	6UC		34.32	35.87	1.55																
T89D906A	6UP2		35.87	36.32	0.45																
	6UB		36.32	36.61	0.29																
	6UP1		36.61	36.75	0.14																
	6UA		36.75	36.90	0.15																
					2.58																
	6M		37.52	38.22	0.70																
	6LB		38.86	41.49	2.63																
	6L Prtg		41.49	42.72	1.23																
	6LA		42.72	43.26	0.54																
	5		46.08	47.83	1.75																
	3U		52.92	54.28	1.36																
	3 Prtg		54.28	54.96	0.68																
	3L		54.96	55.49	0.53																
	2U		62.62	63.00	0.38																
	2B		65.09	66.62	1.53																
	2A		66.62	68.33	1.71																
					3.24																
T89D-907/	6M	100	22.56	23.74	1.18	0.97	1.65	12.80	7.21	32.25		58.89		31.86		2.68	1.38	93.50	1.40	1.60	2.00
T89D-907A	6LB	95	24.45	27.56	3.11	0.95	1.88	7.86	5.78	30.45		61.89		32.42		0.58	0.54	95.10	1.38	1.60	2.50
	6LA	94	27.96	28.78	0.82	0.92		22.45								0.88			1.49	1.60	
	5	100	31.09	33.22	2.13	0.68	1.42	12.16	7.26	31.21		60.11		31.71		0.75	0.60	90.30	1.42	1.60	2.50
	3U	100	38.49	39.48	0.99	1.17	0.73	23.83	8.39							2.02	1.17	81.30	1.40	1.60	
	3 Prtg		39.48	39.64	0.16	0.83		72.24								3.49			2.26		
	3L	100	39.64	40.82	1.18	0.96		15.44								0.71			1.45	1.60	
					2.33	0.84	1.87	17.42	8.78	28.14		60.11		31.28		1.29	0.76	81.60	1.49	1.60	1.00
	2B		51.96	53.10	1.14			28.47								1.36			1.56		
	2 Prtg		53.10	53.42	0.32			83.91								0.17			2.47		
	2A		53.42	55.54	2.12			19.34								1.73			1.48		
		94			3.58	0.83	1.25	27.33	11.36	29.01		58.38		30.31		1.30	1.05	65.90	1.60	1.60	2.00

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T89D-927	?		33.15	33.40	0.25																
	D2	87	35.24	35.96	0.72	2.33		21.14								1.63			1.48	1.60	
	?		42.52	43.07	0.55																
	?	85	43.37	43.72	0.35	2.36		38.03								1.24			1.67	1.60	
	C2		44.66	45.69	1.03	3.31		37.37								0.27			1.66	1.60	
	C1		47.68	48.37	0.69																
	?		51.48	52.00	0.52																
T89D-928	6UC		19.28	21.00	1.72			16.17								2.56			1.45		
	6UP2		21.00	21.55	0.55																
	6UB		21.55	22.12	0.57	0.55		19.69								2.73			1.45		
	6UP1		22.12	22.36	0.24	0.53		77.64								6.00			2.54		
	6UA		22.36	23.08	0.72	0.67		13.80								2.93			1.41		
					3.80	0.64	1.45	29.89	7.51	30.62		60.42		31.60		2.77	1.36	75.30	1.57	1.60	
	6M	84	26.77	27.76	0.99	0.34	2.15	21.70	9.23	29.45		59.17		31.27		2.73	1.65	76.50	1.49	1.60	
	6LB		28.43	31.79	3.36	1.06	1.55	11.90	5.85	30.10		62.50		32.19		0.47	0.47	89.70	1.42	1.60	
	6LA	82	32.88	33.92	1.04	0.95	1.70	25.86	14.73	28.36		55.21		29.32		1.76	0.97	71.80	1.53	1.60	
	5	92	35.80	38.80	3.00	1.02	1.65	12.54	7.15	30.74		60.46		31.82		0.66	0.58	90.10	1.41	1.60	
	3U	100	45.88	47.57	1.69	0.98	1.51	27.95	9.94	27.35		61.20		30.82		1.60	1.18	62.80	1.65	1.60	2.00
	3 Prtg		47.57	48.00	0.43			89.76								0.48			2.73		
	3L	97	48.00	48.84	0.84	1.15	1.51	11.88	9.01	28.52		60.96		31.25		1.32	1.11	93.50	1.38	1.60	
	2B		60.52	62.24	1.72																
	2A		62.24	64.12	1.88																
		94			3.60	0.97	2.30	17.29	10.85	28.45		58.40		30.19		0.90	0.64	82.40	1.43	1.60	1.50

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T89D-929	6LB	94	14.10	17.26	3.16	0.77	2.11	8.20	6.18	29.30		62.41		31.98		0.68	0.61	95.44	1.39	1.60	1.5
	6L Prtg		17.26	17.53	0.27	0.75		80.28								2.76			2.52		
	6LA	94	17.53	18.36	0.83	0.73	1.24	19.53	13.15	29.22		56.39		29.86		1.33	1.08	82	1.48	1.60	3.50
					4.26	0.76	2.85	14.95	7.83	29.71		59.61				0.94	0.67	83.30		1.60	
	5	100	19.46	21.62	2.16	0.92	1.76	10.32	7.92	30.37		59.95				1.41	0.82	93.70	1.41	1.60	2.50
	3U	100	27.66	28.64	0.98	0.79	1.28	17.48	9.08	28.57		61.07		31.43		1.70	1.28	90.31	1.48	1.60	1.00
	3 Prtg		28.64	28.91	0.27	1.08		85.91								1.47			2.49		
	3L	100	28.91	30.24	1.33	0.90	2.35	20.30	11.5	26.86		59.29		30.07		1.10	0.92	77.62	1.49	1.60	1
					2.58	0.88	1.69	26.09	10.60	27.85		59.86		30.58		1.37	1.09	70.00	1.59	1.60	
	2B	100	41.10	42.62	1.52	0.91	1.46	24.07	13.78	28.34		56.42		29.63		1.30	0.89	73.00	1.54	1.60	2.00
	2 Prtg		42.62	43.37	0.75			89.50								0.29			2.72		
	2A	100	43.37	45.76	2.39	0.80	1.81	15.00	10.35	28.66		59.18		30.27		0.61	0.56	87.10	1.46	1.60	1.00
					4.66																
T89D-930	5R	72	39.94	41.30	1.36	0.75	0.99	56.08	13.21	29.10		56.70		29.81		1.47	1.61	33.60	1.90	1.60	4.00
	5	84	43.73	44.92	1.19	0.70	1.46	28.00	8.27	29.34		60.93		31.24		1.89	0.80	66.50	1.56	1.60	1.50
	3U	96	54.09	55.24	1.15	0.99	1.70	28.67	9.61	25.56		63.13		31.05		2.33	1.79	69.20	1.53	1.60	2.00
	3 Prtg		55.24	56.29	1.05																
	3L	89	56.29	56.87	0.58	0.73	1.28	40.31	12.35	27.03		59.34		30.30		1.79	1.30	79.20	1.70	1.60	2.00
	2B		63.33	64.91	1.58																
	2A		64.91	66.63	1.72																
		100			3.30	1.10	2.21	18.76	9.51	27.60		60.68		30.69		0.40	0.41	83.50	1.46	1.60	1.50

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T89D-931	6UC	73	35.11	35.85	0.74	0.69	0.97	20.79	13.79	29.10		56.14		29.38		0.77	0.82	81.00	1.48	1.60	0.50
	6M	100	40.03	42.33	2.30	0.78	1.10	13.74	7.28	30.67		60.95		31.78		0.90	0.70	84.30	1.46	1.60	4.00
	6LB		43.04	45.20	2.16																
	6L Prtg																				
	6LA		45.20	45.63	0.43																
		100			2.59	0.95	1.16	9.91	6.52	30.82		61.50		32.09		0.51	0.53	92.50	1.39	1.60	3.50
	5	100	54.37	56.12	1.75	0.97	1.83	13.23	8.31	27.56		62.30		31.46		1.69	0.50	89.90	1.44	1.60	1.50
	3U	100	64.64	66.17	1.53	1.06	1.13	19.73	9.78	28.38		60.71		30.81		1.58	1.01	77.80	1.50	1.60	1.50
	3 Prtg		66.17	67.20	1.03	1.21		86.69								1.72			2.63		
	3L		67.20	67.78	0.58	0.81	0.89	20.61	11.13	29.75		58.23		30.66		1.80	1.55	76.40	1.48	1.60	1.50
	2B		78.74	80.59	1.85																
	2A		80.59	82.34	1.75																
		96			3.60	0.82	1.28	16.93	11.10	28.39		59.23		30.53		0.79	0.99	81.20	1.44	1.60	2.50
T92D-12	?	100	99.00	99.23	0.23																

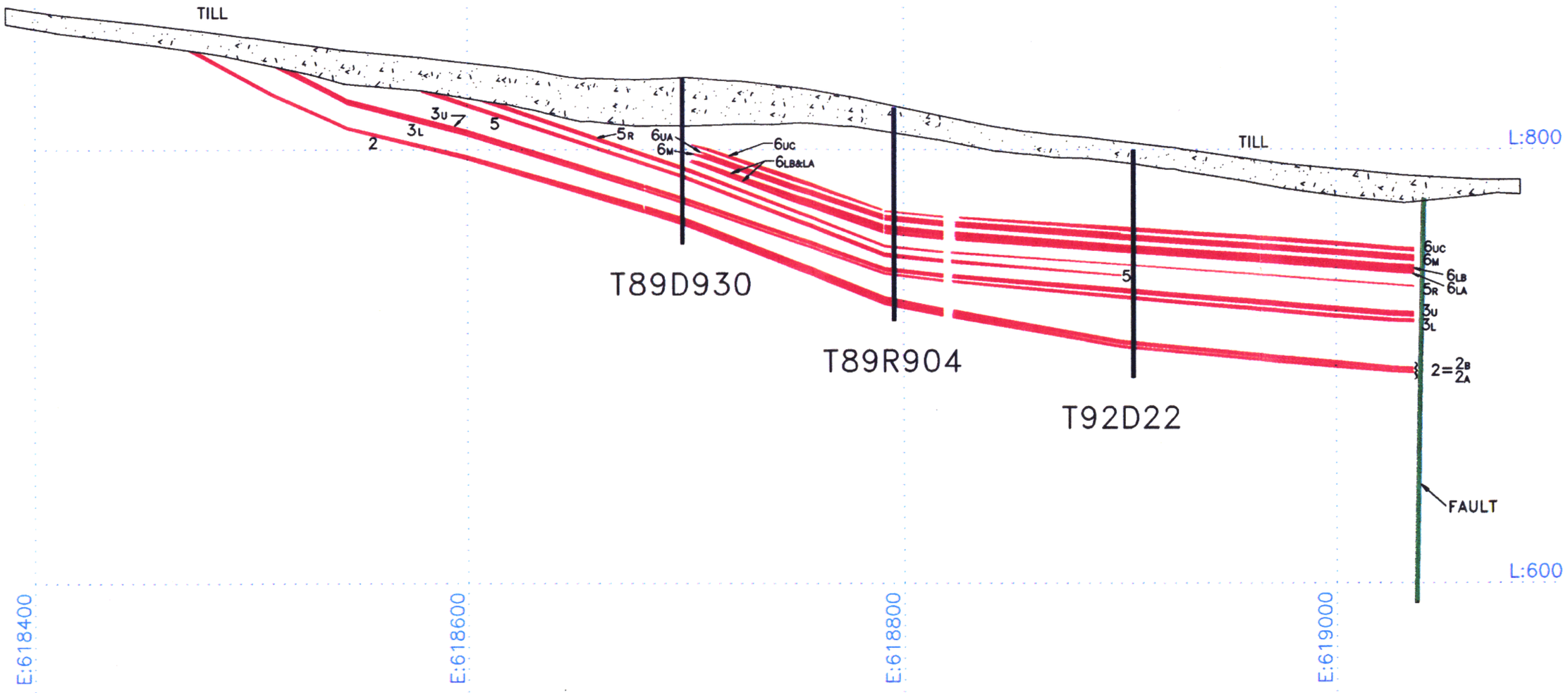
DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T92D-20	?	56	12.85	13.03	0.18																
	6UC	83	13.70	14.81	1.11	0.72	1.73	11.23	8.79		25.41		64.07		31.50	1.88	1.57	95.73	1.39	1.60	
	6UP2		14.81	15.71	0.90																
	6UB	66	15.71	16.70	0.99	0.84	1.98	14.11	7.59		26.77		63.66		31.53	0.62	0.53	90.48	1.42	1.60	
	6UA	66	16.70	17.38	0.68	0.65	1.72	30.99	13.87		25.44		58.97		29.13	1.20	0.89	62.22	1.59	1.60	
	6U				3.68																
	6M	94	17.96	19.51	1.55	0.78	1.92	7.85	5.91							1.05	0.86	95.61	1.36	1.60	
	6LB	80?	20.25	23.68	3.43	0.87	1.92	10.71	5.91							0.55	0.86	95.61	1.39	1.60	
	6L Prtg		23.68	24.70																	
	6LA	—	24.70	24.95	0.25																
	?	35	27.51	28.23	0.72																
	?	45	29.50	30.30	0.80																
	5	71	31.38	34.16	2.78	0.69	1.82	10.04	7.41	30.32	28.66	58.95	62.11	30.75	31.58	0.54	0.54	92.75	1.35	1.60	
	3U	100	40.58	41.61	1.03	0.57	1.64	9.01	6.80	28.52	26.84	61.90	64.72	31.56	31.80	1.62	1.14	93.28	1.37	1.60	
	3 Prtg		41.61	42.34																	
	3L	100	42.34	42.86	0.52	0.85	1.80	21.81	13.52	29.52	27.20	47.82	57.48	25.73	29.62	2.11	1.66	70.99	1.49	1.60	
	2B	83	52.39	54.38	1.99																
	2A	83	54.38	55.91	1.53																
	2				3.52	0.71	2.19	17.03	11.33	26.68	25.84	55.58	60.64		30.07	0.67	0.40	84.66	1.44	1.60	

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T92D-22	?	100	27.23	27.65	0.42	1.19		14.84								2.59					
	6UC	100	35.05	36.59	1.54	0.67	1.61	13.70	7.20	29.69		55.94				2.83	1.66	86.86	1.41	1.60	
	6M	100	38.42	40.72	2.30	0.86	2.32	17.88	10.17	25.38		55.88				1.23	1.13	84.56	1.45	1.60	
	?	100	41.54	41.71	0.17																
	6LB	91	43.34	45.69	2.35	0.68	2.00	13.10	7.38	28.48		57.74				0.70	0.57	90.46	1.41	1.60	
	6L Prtg		45.69	46.16	0.47																
	6LA		46.13	46.55	0.42	0.88	0.91	15.20	13.16							2.22	1.95	92.87	1.43	1.60	
	3U	100	63.77	65.54	1.77														1.30	1.60	
	3 Prtg		65.54	67.36	1.82																
	3L	100	67.36	68.36	1.00	0.63	0.95	12.40	10.57	28.83		58.14				1.91	1.61	95.05	1.40	1.60	
	?	100	82.87	83.68	0.81																
	2B	100	88.12	89.39	1.27	0.59	1.40	14.39	9.31	26.13		58.89				0.95	0.86	88.81	1.42	1.60	
	2 Prtg		89.39	90.53	1.14																
	2A	100	90.53	91.24	0.71																
					3.12																
T92R-27	5	N/A	10.21	12.35	2.14																
	?	N/A	12.82	13.33	0.51																
	3U	N/A	17.56	18.64	1.08																
	3 Prtg		18.64	19.33	0.69																
	3L	N/A	19.33	20.43	1.10																
	2U	N/A	28.57	29.00	0.43																
	2B	N/A	30.83	32.42	1.59																
	2A		32.42	34.58	2.16																
					3.75																
T92R-28	No Coal																				

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	RESIDUAL MOISTURE Clean (%)	ASH Raw (%)	ASH Clean (%)	VOLATILE MATTER Raw (%)	VOLATILE MATTER Clean (%)	FIXED CARBON Raw (%)	FIXED CARBON Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	CALORIFIC VALUE Clean (MJ/kg)	SULPHUR Raw (%)	SULPHUR Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	SPECIFIC GRAVITY Washbity (g/cc)	F.S.I.
T92R-29	3U	N/A	16.58	17.78	1.20																
	3 Prtg		17.78	18.16	0.38																
	3L	N/A	18.16	18.71	0.55																
	2B	N/A	29.12	29.55	0.43																
	2A		29.55	30.12	0.57																
					1.00																

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.L	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	Sulfate	Organic	WASHED SULFUR FORMS % A.D. Pyritic	Sulfate	Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	Undet.
T92D-20	?																					
	6UC			0.04	0.08				0.50	0.06	1.01											
	6UP2																					
	6UB			0.10	0.08				0.06	0.03	0.44											
	6UA			0.01	0.04				0.23	0.01	0.65											
	6U																					
	6M																					
	6LB																					
	6L Prtg																					
	6LA																					
	?																					
	?																					
	5	3.3		0.04	0.06	0.05	0.01	0.48	0.06	0.01	0.48	52.52	17.37	1.04	3.35	11.82	2.82	0.84	0.13	1.33	7.07	1.71
	3U	2.9		0.09	0.18	0.75	trace	0.87	0.40	0.01	0.73	55.52	23.69	1.52	8.36	4.46	0.50	0.62	0.19	3.05	1.24	0.85
	3 Prtg																					
	3L	2.9		0.01	0.01	1.67	0.04	0.41	0.92	0.06	0.68	54.22	8.51	0.52	13.71	8.19	3.90	0.63	0.12	0.02	8.60	1.58
	2B																					
	2A																					
	2			0.08	0.10				0.09	0.01	0.30	58.82	26.22	1.80	2.06	5.32	0.70	0.62	0.27	1.78	1.71	0.70

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH — OXIDIZING Init. (Temp. C)	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
					(%)											
T92D-20	?															
	6UC															
	6UP2															
	6UB															
	6UA															
	6U															
	6M															
	6LB															
	6L Prtg															
	6LA															
	?															
	?															
	5.00	1.61	77.81	4.28	1.15	7.37	0.54	7.24								
	3U	1.35	78.20	4.55	0.97	6.92	1.14	6.87								
	3 Prtg															
	3L	1.32	72.63	4.28	0.89	13.58	1.66	5.64								
	2B															
	2A															
	2.00	1.83	74.10	4.27	1.01	11.36	0.40	7.03	1384	1410	1437	1472	1326	1368	1405	1472



manalta coal ltd.

TELKWA

CROSS SECTION A–A'
PIT 7 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42050

TILL

TILL

L:800

6UC 6LB
6LA
6LB 6M
5 3U
3L
2=2B 2A

FAULT

L:600

E:618400

E:618600

E:618800

E:619000

0 100 200

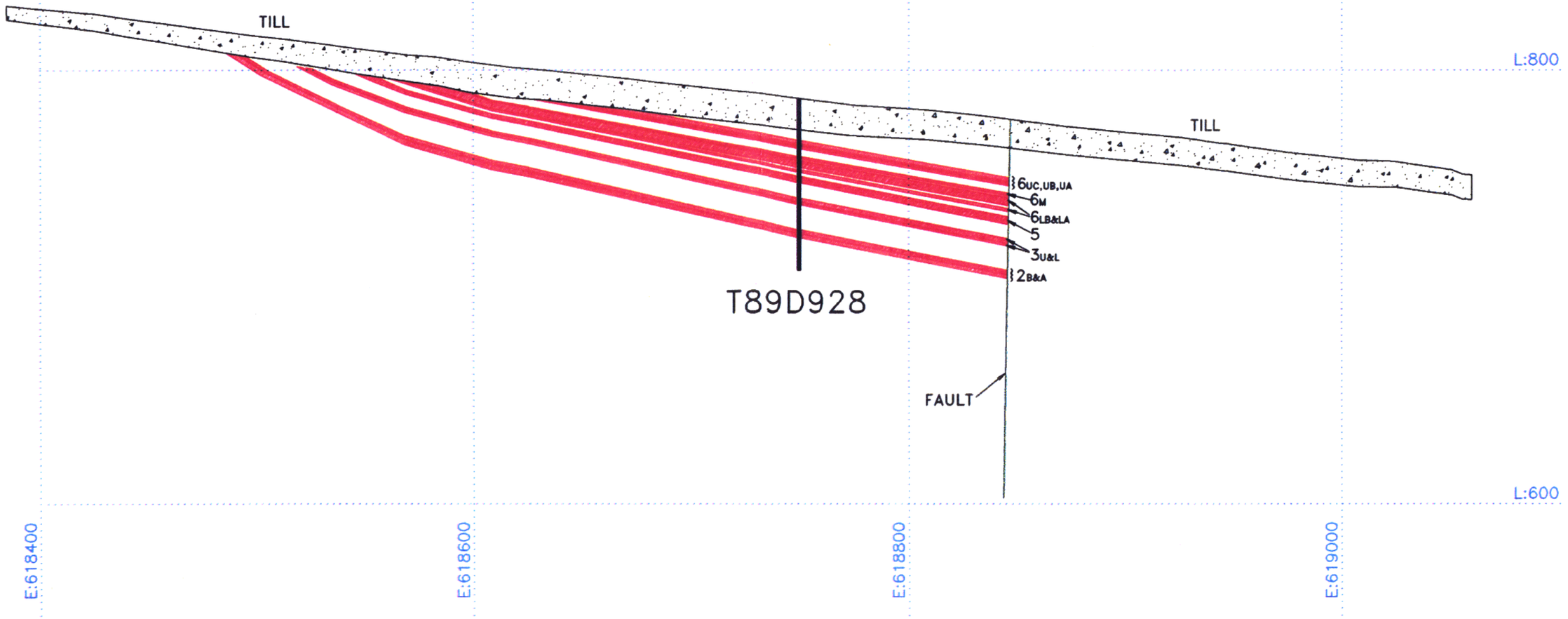
SCALE 1:2000

manalta coal ltd.

TELKWA

CROSS SECTION B–B'
PIT 7 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42051



0 100 200

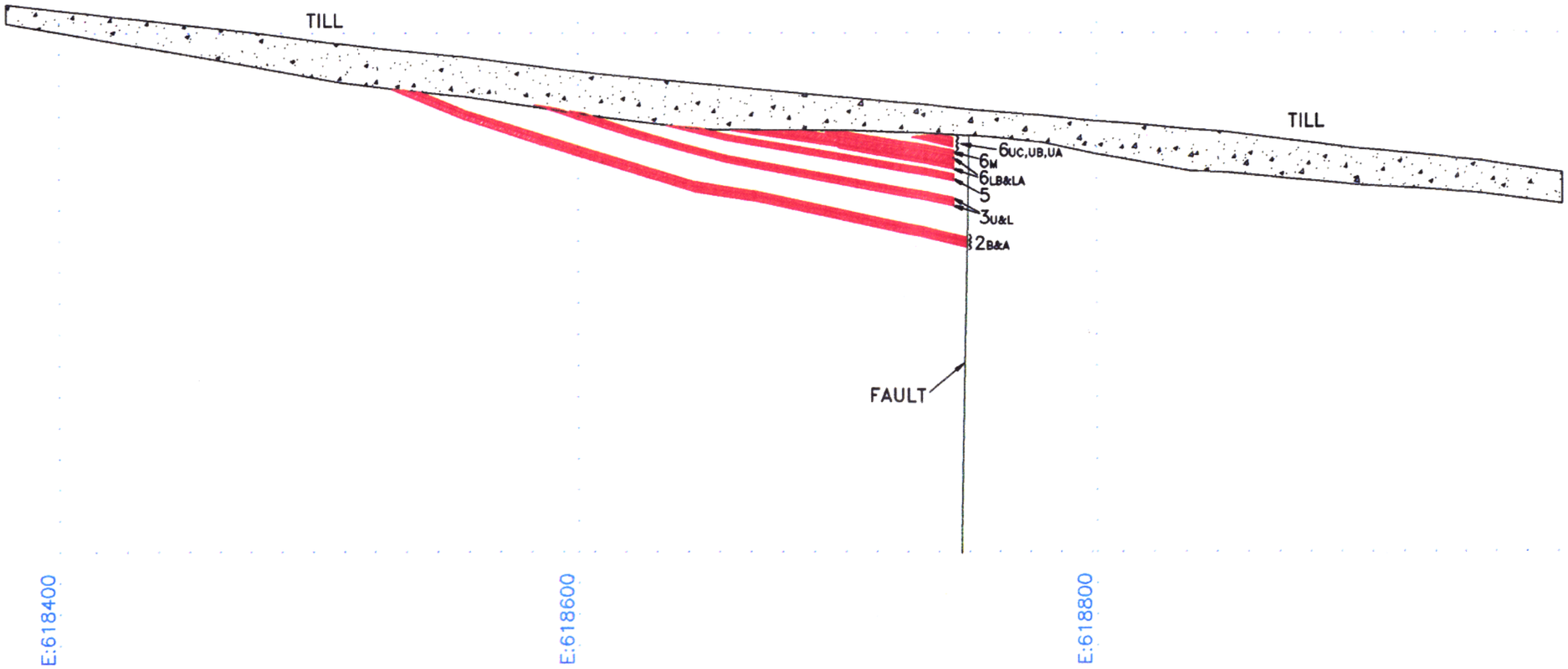
SCALE 1:2000

manalta coal ltd.

TELKWA

CROSS SECTION C–C'
PIT 7 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42052



0 100 200

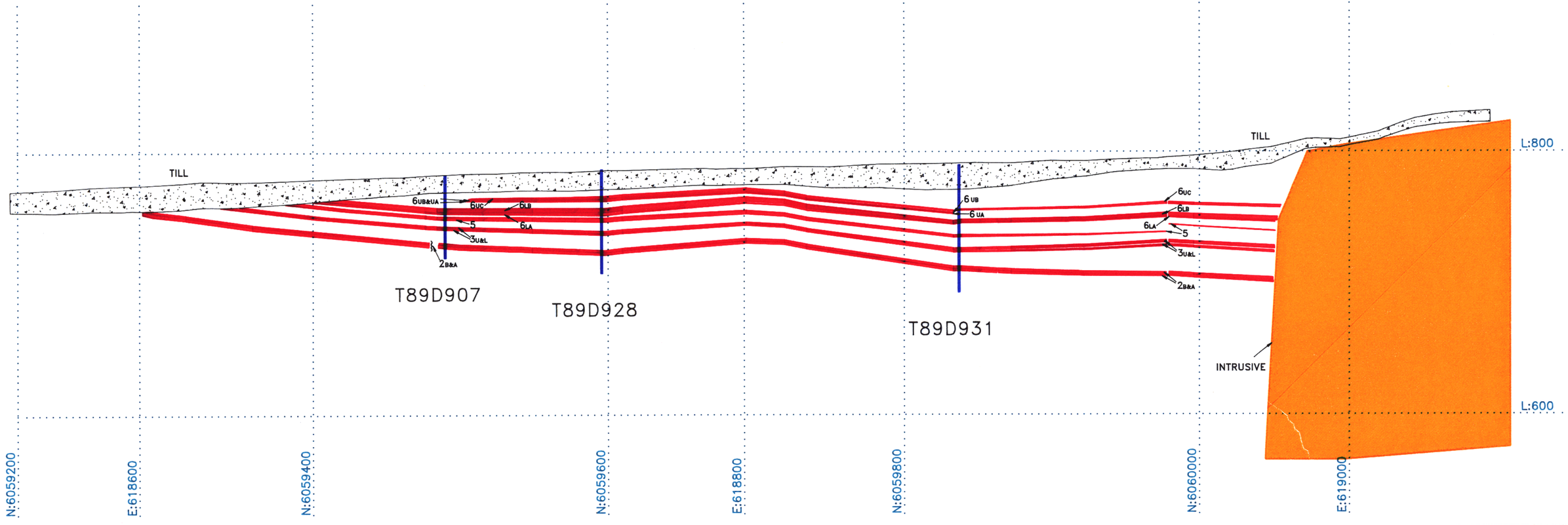
SCALE 1:2000

manalta coal ltd.

TELKWA

CROSS SECTION D–D'
PIT 7 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42053



0 100 200

SCALE 1:2000

manalta coal ltd.

TELKWA

CROSS SECTION E–E'
PIT 7 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42054

manalta coal ltd.

SMITHERS AREA
WEST CENTRAL B.C

GEOLOGY MAP
PIT 8 AREA

Dwn. by: M.L.E.	Date: AUG.1993	
Chk'd. by: A.L.	File no.: 42044	Overlay: A

METRES 40 20 0 40 80 120 160 200 METRES

SCALE 1:2000

CONTOUR INTERVAL: 2 METRES
DATE OF PHOTOGRAPHY: JULY 25, 1982
PREPARED BY: THE ORTHOSHOP

N.T.S. - 93L U.T.M. ZONE 9

LEGEND

MAIN ROAD
SECONDARY ROAD
BRIDGE, CULVERT
TRACK or TRAIL
BUILDING
POLE, TOWER
FENCE
LOT LINE
CUT LINE
SPOT HEIGHT
CONTOURS
DEPRESSION

RIVER
INTERMITTENT STREAM
LAKE
SWAMP
SAND
SLIDE
TREES
PIT
DRILL HOLE
HORIZONTAL CONTROL
VERTICAL CONTROL
HORIZONTAL VERTICAL CONTROL
NOTE: LOT LINES APPROX. ONLY

LEGEND:

GEOLOGICAL CONTACT (APPROXIMATE)
NORMAL FAULT (TEETH ON DOWNTHROWN SIDE)
THRUST FAULT (TEETH ON UPTHROWN SIDE)
TI — TERTIARY INTRUSIVE (GRANODIORITE)
K_{SR} — SKEENA GROUP (CRETACEOUS) RED ROSE FORMATION –SANDSTONE, SILTSTONE, MUDSTONE & COAL

SEAM SUBCROP POSITION:
APPROXIMATE
PRESUMED

DIAMOND DRILL HOLE
ROTARY DRILL HOLE
CROSS SECTION

L 238 L 229
CL 4280 CL 4278
L 237 L 230
FREEHOLD FREEHOLD

L 229 L 228
4279 CLY 4276
L 230 L 227 L 261
FHOLD DL 5046

TELKWA - PIT #8

Drill-hole Seam Intersections

Drill-hole	Seam:	2L (m)	2L prtg (m)	2 (m)	2U prtg (m)	2-upr (m)	ibrdn (m)	2/3I lb (m)	3-lwr (m)	3 prtg (m)	3-upr (m)	ibrdn (m)	4 (m)	4 prtg (m)	4U (m)	ibrdn (m)	4/5 ibn (m)	5 (m)	5/6 lbn (m)	5L (m)	5 prtg (m)	5U (m)	ibrdn (m)	5EX (m)	ibrdn (m)	6L (m)	6 prtg (m)	6U (m)	ibrdn (m)	7 (m)	ibrdn (m)	6/8 lbn (m)	8 (m)	ibrdn (m)	9 (m)	ibrdn (m)	10 (m)	ibrdn (m)	11 (m)	8/11SS (m)	11SS (m)
T89R-915	N/C	(No Coal)																																						
T86D-602																																								
T79R-10	5								1.20	1.80	1.20	6.00	2.50				0.60	3.40	0.60							4.60															
T92R-23	5																															1.86	1.10	0.37	1.56	0.76	10.22	1.22	15.23	9.09
T92R-30C	13			3.21	0.46	0.44	4.80	5.70	0.89	0.90	0.95		0.00					3.99	1.99							0.92	0.54	1.19	7.75	0.50	15.74	23.99	1.69	1.24	0.37	0.98	0.18	11.43	0.77	14.97	9.26
T82D-214				0.00					2.44	1.06	0.80							4.73	8.12							1.48	0.45	1.97	7.50	0.40	25.84	33.74	2.48	3.13	0.50	5.25	0.83	7.22	0.75	17.68	
T89R-914	N/C																																							
T84D-441				0.96	0.92	0.80	7.12	8.84	0.48	2.32	0.80	4.63	0.19				4.66	2.00	11.28							1.28	2.16	1.20	13.84	2.08	22.48	38.40	2.16	4.44	1.28	4.76	0.96				
T85D-502				3.53				8.47	1.09	0.75	1.02	3.08	1.30				4.46	1.70	6.42							1.22	0.52	1.63	6.22	0.55	16.15	22.92	0.01	4.72	0.58	3.50	0.02				
T92R-33	4			3.22	0.89	0.41	4.38	5.68	0.80	0.60	0.73																														
T92D-07	8			3.62				15.29	0.89	0.22	0.87	3.82	1.63				1.44	2.91	7.66	1.17	0.00	1.74				1.19	1.70	1.28													
T92R-17	14			3.30				5.53	1.10	0.67	0.95	2.65	1.82				1.67	1.48	7.33	0.19	0.00	1.29				1.81	0.77	1.65	4.60	0.11	15.17	19.88	0.37	1.29	0.04	5.94	0.63	0.51	0.05	8.46	11.17
T89D-925				3.62				9.77	1.04	0.43	1.07	3.89	1.88				1.09	3.57	10.34	1.51	0.00	2.06				1.60	0.76	1.52	5.91	0.22	18.94	25.07	1.72				0.58	7.66	0.24	12.45	12.58
T88D-814				3.67				7.34	1.12	0.66	1.06	3.03	2.07				0.63	3.29	10.32	1.21	0.00	2.08				1.53	1.29	1.48					0.01	3.23	0.56	2.74	0.87	4.48	0.44	12.32	13.92
T84D-440				2.22				10.72	1.02	0.55	1.02	3.92	1.71				1.17	4.07	3.66	1.63	0.00	2.44				1.70	1.10	0.92	4.00	0.45	19.29	23.74	1.83	0.63	0.62	2.98	0.85	5.92	0.06	11.06	15.95
T92R-19C	10			2.08	2.08	0.31	6.92	6.92	0.97	0.69	0.99	3.18	1.92				1.41	3.68	7.11	0.97	0.00	2.71				1.27	1.13	1.33	6.02	0.53											
T92R-21	14			1.68	2.40	0.08	6.66	9.14	0.94	0.61	0.93	2.87	1.15				2.51	3.19	7.32	1.22	0.00	1.97				0.76	0.54	1.32	8.00	0.03	14.46	22.49	1.05	0.79	0.32	2.26	1.03	1.28	0.24	5.92	10.93
T92R-25	11			1.97	0.22	0.50	2.32	3.44	1.28	0.32	0.96	2.32	2.05				1.57	4.84	2.04	1.48	0.00	3.36				1.41	0.30	0.30	2.16	0.46											
T85D-501				1.77	1.51	0.34	6.62	8.47	0.82	0.92	0.88	1.80	1.44				0.85	2.64		1.14	0.00	1.50																			
T69R-908																								1.05	10.58	2.27	1.04	1.22	8.98	0.33										
T92R-16	6												0.42				3.32	1.80	5.60	0.91	0.00	0.89				0.95				0.48										
T89D-924													1.15				0.81	3.56	2.55	1.17	0.00	2.39				1.68				0.19	14.26		2.20	0.94	0.26					
T89D-923		0.42	0.64	1.92				12.65	0.55	0.34	2.13	1.17	0.48																												
T92R-18	2	0.31	4.33	4.06																																				
T92D-09	13			3.30				6.98	0.91	0.15	0.90	1.18	1.69				1.40		12.90	0.66	0.78	1.32	4.63	1.01	7.26	1.50	0.50	1.52				23.82	1.61	0.42	0.48	1.20	0.99	5.59	0.98	9.66	8.34
T88D-805				3.38	0.54	0.24	7.17	7.95	1.07	0.36	0.89	1.42	1.07				0.25		21.91	0.10	0.39	1.10	8.41	0.20	13.30	0.42	0.38	2.04													
T89R-913				3.96				10.52	0.96	0.36	0.85	1.23	1.71				1.50			0.55	0.49	1.11																			
T92R-14	9			3.05	0.92	0.36	6.46	7.74	0.67	0.52	0.78	0.67	1.89				0.41	2.52		0.99	0.06	1.47	2.81	1.10																	
T89D-921		0.53	0.20	2.62				7.90	1.01	0.41	0.98	1.19	1.84				1.00		10.89	0.64	0.80	1.31	5.27	1.59	4.03	2.02	1.26	1.43				24.26	1.71	0.30	0.43	1.41	0.95	5.66	1.07	9.82	10.46
T92D-05	11	0.45	1.09	1.78				11.87	1.11	1.19	1.21	2.47	1.59				2.43			0.37	0.95	0.19	7.80	0.48									2.10				0.82	4.73	0.59	8.96	11.57
T88D-811		0.54	0.81	1.84				11.92	1.28	0.70	0.70	2.68	0.77				1.45		9.31	0.40	0.79	0.11	6.54	0.16	2.61	0.98							1.73	0.06	0.49	1.86	0.93	4.43	0.88	8.65	8.61
T89R-909		0.49	0.94	2.00				6.32	1.48	0.33	1.18	2.22	0.70											1.11	0.00	2.09	1.48	0.94													
T89D-920		0.47	0.52	2.81				9.04	1.05	0.43	0.92	1.29	2.04				0.92			0.91	0.63	1.33	6.96	0.07																	
T89R-910				0.44				9.92	0.77	0.47	0.76	2.75	1.73				2.42		12.31	0.70	0.92	0.60	10.15	1.54	0.62	1.59	0.71	1.32													
T89D-922																																								
T92R-15	N/C																																							
T92R-08Rp																								3.05	0.74	0.88	0.15	0.52			13.29	2.38	2.64	0.93	3.06	0.52	6.37	0.43	13.95	11.99
T92R-08	10			0.42				14.75	1.01	0.44	0.98	5.27	0.93				1.29		9.63	1.14	1.24	0.50	3.62	4.01	2.00	0.59	0.59	0.68	5.02	0.51										
T88D-812		0.60	0.70	3.05				15.66	1.35	0.45	1.10	2.90	1.13	0.93	1.02	1.57			16.49	1.06	0.80	1.30	6.87	2.32	7.30	1.00	1.55	0.86	11.39	0.90	11.09	23.38	0.31								
T88D-803									0.68	0.67	0.75	3.31	0.54	0.75	0.75	1.15			10.04	0.60	1.25	0.45	5.86	1.79	8.25	1.57	2.23	5.15	5.60	0.90	14.29	20.79	0.61								
T89R-911		0.61	0.51	2.22				14.87	0.79	1.02	0.86	2.70	0.60	1.02	0.39	2.04			9.87	0.55	0.92	0.88	8.69	0.73	0.45	1.93	0.76	1.50				18.59	0.85	1.70	1.10						
T92R-11	11	0.26	0.18	1.76	0.71	0.58							0.74				1.17		11.65	1.74	0.00	0.93	9.13	1.19	1.33	0.52	0.71	1.53				16.22	0.86	3.90	0.78						
T92D-41	3	0.51	0.52	2.31				11.81	1.12																															
T89R-912				3.39				9.08	1.08	0.53	0.90	1.83	0.93				2.85		8.10	0.59	0.86	0.77	5.37	0.72	2.01	1.64	0.99	1.23				19.59	1.51	1.65	0.52						
T88D-804				3.57				8.37	0.92	1.10	1.03	2.09	1.66				4.34		12.88	0.52	0.98	1.40	4.32	0.82	7.74	1.60	1.75	0.85				9.66	0.09								
T92R-13	5																									2.13	1.94	1.21				5.57	1.92	2.60	0.67	0.68	1.38				
T86D-601				3.61	0.94	0.72	6.76	8.42	1.12	0.48	1.08	1.54	1.68				2.60			0.68	0.75	1.42																			
T82D-213				3.43																																				
T92R-06	N/C																																							
T88D-802	N/C																																							
T88D-810	N/C																																							
T92R-10	N/C																																							
T92D-02	4	0.47	0.99	2.79							1.05	2.40	1.13																											
T88D-813																																								
T81R-110	N/C																																							
T81R-111	#1 seams																																							
T88D-801	N/C																																							
T92R-35	#1 seams																																							
Averages:		0.47	0.95	2.57	1.05	0.43	5.92	9.39	1.03	0.68	0.98	2.63	1.32	0.90	0.72	1.59	1.79	3.14	8.83	0.89	0.45	1.38	6.43	1.27	4.55	1.49	1.01	1.40	6.93	0.54	17.06	21.41	1.35	1.93	0.57	2.73	0.77	5.81	0.59	11.47	11.16

TELKWA PROJECT - COAL QUALITY SUMMARY

PIT #8 Composited seams - Raw and Washed results, reported on an A.D. basis

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	RESIDUAL MOISTURE Clean (%)	ASH Raw (%)	ASH Clean (%)	VOLATILE MATTER Raw (%)	VOLATILE MATTER Clean (%)	FIXED CARBON Raw (%)	FIXED CARBON Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	CALORIFIC VALUE Clean (MJ/kg)	SULPHUR Raw (%)	SULPHUR Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	SPECIFIC GRAVITY Washblty (g/cc)	F.S.I.
T79R10	?		85.30	86.00	0.70																
	6L?		99.10	103.70	4.60																
	5?		104.30	107.70	3.40																
	4?		108.30	110.80	2.50																
	3U?		116.80	118.00	1.20																
	3L?		119.80	121.00	1.20																
T81R110	N/C																				
T81R111	1?		35.10	35.91	0.81																
	1?		36.40	36,60	0.20																
	1?		156.97	159.08	2.11																
	1?		159.38	159.71	0.33																
	1?		160.30	160.80	0.50																
	1?		161.90	162.50	0.60																
	1?		163.70	164.30	0.60																
	1?		164.70	165.67	0.97																
	1?		166.10	166.40	0.30																
	1?		166.65	167.00	0.35																
T82D213	2		16.54	19.97	3.43	0.93	1.03	16.32	8.52	26.14	27.40	56.61	63.05	28.37	31.49			78.00	1.44		2.5

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	RESIDUAL MOISTURE Clean (%)	ASH Raw (%)	ASH Clean (%)	VOLATILE MATTER Raw (%)	VOLATILE MATTER Clean (%)	FIXED CARBON Raw (%)	FIXED CARBON Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	CALORIFIC VALUE Clean (MJ/kg)	SULPHUR Raw (%)	SULPHUR Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	SPECIFIC GRAVITY Wshblty (g/cc)	F.S.I.
T82D214	11		170.60	171.35	0.75																
	10		178.57	179.40	0.83	0.80	0.99	12.02	7.48	30.52	31.35	56.66	60.18	30.79	32.53			87.00	1.40		4.0
	9		184.65	185.15	0.50																
	8		188.28	190.76	2.48	0.67	0.66	35.09	9.79	21.20	26.58	43.04	62.97	21.44	31.37			57.00	1.63		3.0
	7		216.60	217.00	0.40																
	6U		224.50	226.47	1.97																
	6 Prtng		226.47	226.92	0.45																
	6L		226.92	228.40	1.48																
	6				3.90	0.51	0.67	18.94	6.22	26.26	30.06	54.29	63.05	28.03	33.08			74.00	1.46		5.5
	5B		230.78	230.82	0.04																
	5A		232.70	232.80	0.10																
	5		236.52	241.25	4.73	0.63	0.56	17.95	9.83	27.05	27.72	54.37	61.89	27.69	31.43			68.00	1.45		4.5
	3U		244.88	245.68	0.80	0.59	0.55	17.08	9.09	27.02	29.01	55.31	61.35	27.99	31.31			80.00	1.44		4.5
	3 Prtng		245.68	246.74	1.06																
	3L		246.74	249.18	2.44	0.72	1.06	33.87	10.75	22.80	24.85	42.61	63.34	21.19	30.78			56.00	1.62		1.5

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T84D440	11		38.70	38.76	0.06																
	10		44.68	45.53	0.85	0.92	1.26	13.03	9.08	34.68		54.98		31.29		3.35	2.20	92.76	1.41		
	9		48.51	49.13	0.62	1.26	0.98	54.04	10.98	33.48		54.56		30.77		2.53	2.65	39.82	1.90		
	8		49.76	51.59	1.83	1.08	2.01	14.56	9.65	28.14		60.20		30.50		0.75	0.71	92.36	1.42		
	?		55.73	55.78	0.05																
	7		70.88	71.33	0.45	0.97	1.12	13.72	10.43	28.56		59.89		30.55		3.84	2.53	94.01	1.41		
	6U		75.38	76.30	0.92	0.82	1.17	25.19	10.89	32.27		55.67		30.87		1.89	1.34	68.09	1.52		
	6 Prtng		76.30	77.40	1.10																
	6L		77.40	79.10	1.70	0.95	1.45	28.92	7.88	29.43		61.24		32.02		1.78	0.85	65.07	1.56		
	?		80.05	80.42	0.37	1.37	1.17	65.45	26.84	25.30		46.69		24.54		0.45	0.82	8.81	2.10		
	5U		82.76	85.20	2.44																
	5 Prtng		85.20	85.20																	
	5L		85.20	86.83	1.63																
	5		82.76	86.83	4.07	0.97	2.30	17.09	11.84	26.85		59.01		29.74		0.49	0.50	90.92	1.44		
	4		88.00	89.71	1.71	0.88	1.85	14.81	10.45	27.40		60.30		30.64		2.95	0.80	91.53	1.42		
	3U		93.63	94.65	1.02	0.89	2.16	14.37	10.38	27.20		60.26		30.50		1.39	1.06	89.47	1.42		
	3 Prtng		94.65	95.20	0.55																
	3L		95.20	96.22	1.02	0.80	2.34	15.03	12.30	25.55		59.81		29.61		1.74	1.23	92.91	1.42		
	2		106.94	109.16	2.22	0.97	1.92	16.95	9.25	24.51		64.32		31.17		0.48	0.50	84.75	1.44		

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T84D441	10		89.64	90.60	0.96	0.82	1.51	17.98	12.42	26.84		59.23		29.99		1.10	1.06	92.69	1.45		
	9		95.36	96.64	1.28	0.68	1.08	9.08	7.94	32.39		58.59		32.10		2.61	2.17	97.37	1.37		
	8		101.08	103.24	2.16	0.87	2.47	17.14	11.03	26.28		60.22		30.48		1.66	1.19	87.07	1.44		
	7		125.72	127.80	2.08	0.82	1.36	15.34	10.65	28.61		59.38		30.35		0.43	0.44	90.36	1.43		
	?		140.72	141.10	0.38	1.23	0.72	48.10	25.18	28.81		45.29		26.22		1.98	0.91	44.81	1.81		
	6U		141.64	142.84	1.20	1.38	1.20	39.21	23.34	25.98		49.48		26.26		0.57	0.61	52.32	1.68		
	6 Prtng		142.84	145.00	2.16																
	6L		145.00	146.28	1.28	1.12	1.16	27.64	22.41	28.00		48.43		26.66		2.96	2.31	82.10	1.55		
	?		147.32	147.64	0.32	1.03	0.71	50.96	31.10	27.15		41.04		23.33		4.48	2.42	24.01	1.85		
	5B		151.56	152.28	0.72	1.13	1.34	36.19	20.43	24.15		54.08		27.15		0.40	0.47	60.31	1.65		
	5A		154.40	154.96	0.56	1.18	0.85	39.96	21.37	27.79		49.99		26.77		0.93	0.41	52.57	1.69		
	5		157.56	159.56	2.00	1.34	1.83	33.39	15.41	26.38		56.38		28.49		0.33	0.41	67.06	1.61		
	4		164.22	164.41	0.19																
	3U		169.04	169.84	0.80	1.57	1.42	50.73	21.50	25.13		51.95		26.26		0.27	0.48	41.11	1.85		
	3 Prtng		169.84	172.16	2.32																
	3L		172.16	172.64	0.48	1.29	2.17	38.87	31.57	21.37		44.89		22.58		0.30	0.33	70.18	1.68		
	2U		179.76	180.56	0.80	1.12	1.85	32.31	24.59	24.65		48.91		25.60		0.35	0.37	73.58	1.60		
	2		181.48	182.44	0.96	1.24	1.69	43.71	22.24	26.13		49.94		25.92		0.30	0.45	51.24	1.74		
T85D501	5U		6.83	8.33	1.50																
	5 Prtng		8.33	8.33																	
	5L		8.33	9.47	1.14																
	5		6.83	9.47	2.64	0.45	0.56	16.05	10.96	29.40		59.27		31.31		0.67	0.57	86.36	1.43		
	4		10.32	11.76	1.44																
	3U		13.56	14.44	0.88	0.32	0.75	13.02	10.18	29.40		59.67		31.99		1.84	1.22	91.64	1.41		
	3 Prtng		14.44	15.36	0.92																
	3L		15.36	16.18	0.82	0.18	0.51	15.74	10.34	28.12		61.03		31.56		1.21	1.05	87.37	1.43		
	2U		22.80	23.14	0.34	0.44	0.55	47.21	13.70	17.13		68.62		29.54		3.35	0.76	2.89	1.79		
	2		24.65	26.42	1.77	0.50	0.67	17.83	8.86	22.77		67.70		32.23		0.51	0.52	78.88	1.45		

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T85D502	10??		70.38	70.40	0.02																
	9		73.90	74.48	0.58	0.32	0.78	24.04	18.32	29.34		51.56		28.52		3.31	2.66	78.91	1.51		
	8??		79.20	79.21	0.01																
	7		95.36	95.91	0.55	0.27	0.76	23.79	12.14	31.54		55.56		30.73		3.11	2.07	70.03	1.51		
	6U		102.13	103.76	1.63	0.38	0.74	13.86	7.04	32.49		59.73		32.94		1.77	1.17	86.77	1.41		
	6 Prtng		103.76	104.28	0.52	0.41	0.88	83.26	42.99	25.60		30.53		18.85		4.03	3.08	1.20	2.53		
	6L		104.28	105.50	1.22	0.31	0.80	8.01	5.92	30.20		63.08		33.14		0.99	0.82	95.43	1.36		
	5B		106.70	107.45	0.75	0.59	1.00	45.39	20.78	24.93		53.29		27.49		0.65	0.98	35.84	1.77		
	5A		109.63	110.29	0.66	0.38	1.04	40.78	15.48	26.44		57.04		29.74		1.78	1.39	48.43	1.71		
	5		111.92	113.62	1.70	0.34	0.74	27.87	10.14	14.65		74.47		31.71		0.80	0.76	62.84	1.55		
	4		118.08	119.38	1.30	0.38	1.17	19.08	10.51	29.88		58.44		31.35		0.52	0.59	83.68	1.46		
	3U		122.46	123.48	1.02	0.38	0.71	11.20	8.60	28.61		62.08		32.33		1.41	1.01	93.07	1.39		
	3 Prtng		123.48	124.23	0.75	1.00	1.02	89.00	46.81	18.16		34.01		17.81		0.66	0.60	1.50	2.71		
	3L		124.23	125.32	1.09	0.49	0.61	19.39	12.64	26.77		59.98		30.79		1.70	1.17	83.91	1.46		
	2		133.79	137.32	3.53	0.44	0.81	14.93	10.33	28.32		60.54		31.49		0.93	0.69	87.40	1.42		
T86D601	5U		13.05	14.47	1.42	1.28	1.22	39.84	13.64	27.58		57.56		29.28		1.85	1.01	48.82	1.69		
	5 Prtng		14.47	15.22	0.75																
	5L		15.22	15.90	0.68	1.30	1.06	26.25	17.25	27.25		54.44		28.07		1.33	1.19	71.42	1.53		
	4		18.50	20.18	1.68	2.23	2.26	14.93	11.21	26.92		59.61		30.05		1.09	0.81	87.76	1.42		
	3U		21.72	22.80	1.08	1.44	1.86	10.85	8.43	27.29		62.42		31.23		1.85	1.25	93.34	1.39		
	3 Prtng		22.80	23.28	0.48																
	3L		23.28	24.40	1.12	1.76	1.57	19.62	12.49	25.91		60.03		29.83		1.58	0.79	78.69	1.47		
	2U		31.16	31.88	0.72	1.12	1.12	36.66	18.93	26.25		53.70		27.72		2.04	1.47	46.61	1.65		
	2		32.82	36.43	3.61	2.33	1.92	15.22	8.57	26.30		63.21		31.14		0.48	0.50	82.11	1.43		
T86D602	?		93.32	93.70	0.38	0.90	1.10	25.09	19.28	27.59		52.03		27.73		1.66	1.62	79.56	1.52		
	- not drilled deep enough to encounter the #11 seam.																				
T88D801																					
T88D802	N/C																				

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T88D803	8		34.00	34.61	0.61	1.19	1.21	13.65	13.82	20.39		64.58		31.31		2.19	1.79	89.35	1.41		
	7		48.90	49.80	0.90	0.98	1.21	11.54	12.46	23.87		62.46		31.79		1.84	1.62	93.53	1.39		1.5
	?		52.96	54.00	1.04	0.94	1.29	19.44	12.94	23.45		62.32		31.00		1.63	1.22	85.49	1.47		1.0
	6U		55.40	60.55	5.15	1.27	1.29	21.15	13.67	23.04		62.00		30.14		1.97	1.14	84.96	1.48		0.5
	6L		62.78	64.35	1.57	1.36	1.17	22.21	12.69	23.94		62.20		29.76		1.26	0.92	80.21	1.49		1.0
	?		66.85	67.20	0.35	1.13	1.19	32.64	18.77	23.00		57.04		28.19		5.83	4.04	67.18	1.60		1.5
	5ex		72.60	74.39	1.79	1.49	1.20	20.18	15.42	24.07		59.31		28.93		1.01	0.83	88.19	1.47		1.0
	5U		80.25	80.70	0.45	1.43	1.53	33.07	21.74	25.86		50.87		26.45		0.57	0.74	69.87	1.61		2.5
	5 Prtng		80.70	81.95																	
	5L		81.95	82.55	0.60	1.38	1.09	37.73	25.85	20.76		52.30		26.04		2.54	0.99	65.92	1.67		1.5
	4U		83.70	84.45	0.75	1.35	1.34	18.45	13.07	25.45		60.14		29.64		2.72	2.27	88.33	1.46		1.5
	4 Prtng		84.45	85.20																	
	4		85.20	85.74	0.54	1.40	1.56	22.02	14.48	26.11		57.85		29.06		0.78	0.67	83.82	1.49		1.5
	3U		89.05	89.80	0.75	1.43	1.63	13.75	10.67	27.16		60.54		31.00		1.94	1.49	93.42	1.41		1.5
	3 Prtng		89.80	90.47																	
	3L		90.47	91.15	0.68	1.63	1.21	17.30	11.80	26.62		60.37		30.14		1.06	0.87	89.73	1.44		1.5
T88D804	8		9.33	9.42	0.09																
	6U		19.08	19.93	0.85	1.41	1.31	27.48	10.35	33.36		54.98		31.23		1.10	1.24	69.07	1.55		5.0
	6L		21.68	23.28	1.60	1.41	1.57	13.49	9.15	29.44		59.84		30.87		1.61	1.26	90.79	1.41		1.0
	?		23.65	24.08	0.43	1.20	1.41	21.85	18.72	28.10		51.77		27.74		1.41	1.22	93.21	1.49		1.5
	5ex		31.02	31.84	0.82	1.30	1.34	36.17	22.92	26.47		49.27		25.96		3.51	1.19	66.21	1.65		1.0
	5U		36.16	37.56	1.40	1.38	1.17	18.88	14.50	29.07		55.26		29.02		1.42	1.10	91.95	1.46		2.5
	5L		38.54	39.06	0.52	1.43	0.90	38.93	26.35	21.82		50.93		23.73		2.87	1.20	50.13	1.68		1.0
	4		43.40	45.06	1.66	1.23	1.22	17.46	12.82	28.20		57.76		30.28		1.50	0.97	88.58	1.45		1.0
	?		45.26	45.53	0.27	1.01	1.16	36.72	26.21	25.17		47.46		35.27		0.38	0.45	64.38	1.65		1.0
	3U		47.15	48.18	1.03	0.91	1.14	14.74	8.72	29.25		60.89		31.39		1.32	0.99	92.13	1.42		2.5
	3 Prtng		48.18	49.28	1.10																
	3L		49.28	50.20	0.92	1.08	1.09	20.99	15.05	26.86		57.00		28.70		0.75	0.78	88.15	1.48		1.0
	2		58.57	62.14	3.57	1.10	1.22	24.39	12.67	27.57		58.54		30.12		0.55	0.48	82.91	1.51		1.0

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Washblty (g/cc)	F.S.I.
T88D805	6U		22.76	24.80	2.04	0.92	0.88	12.43	9.09	28.66		61.37		31.46		1.75	1.23	92.76	1.40		1.5
	6 Prtng		24.80	25.18	0.38																
	6L		25.18	25.60	0.42																
	5ex		38.90	39.10	0.20																
	5U		47.51	48.61	1.10	0.87	0.92	36.20	21.00	26.84		51.24		26.72		0.89	0.85	69.15	1.65		1.0
	5 Prtng		48.61	49.00	0.39																
	5L		49.00	49.10	0.10																
	4		49.35	50.42	1.07	0.98	0.75	14.93	9.41	28.94		60.90		32.60		0.96	0.69	93.37	1.42		1.0
	?		50.58	50.89	0.31	1.42	1.43	52.81	31.40	23.29		43.88		23.31		0.61	0.47	41.80	1.88		0.5
	3U		51.84	52.73	0.89	1.74	1.81	13.22	10.55	28.30		59.34		30.80		1.29	1.08	95.20	1.41		1.5
	3 Prtng		52.73	53.09	0.36				43.29	20.98		34.81		18.55			1.96				
	3L		53.09	54.16	1.07	1.91	1.88	16.92	12.27	26.40		59.45		26.98		1.52	1.03	89.45	1.44		1.0
	2U		61.33	61.57	0.24	1.50	1.07	49.38	30.46	24.11		44.36		23.58		2.11	1.36	33.18	1.83		1.0
	2		62.11	65.49	3.38	1.56	1.24	22.79	14.60	29.33		54.83		28.78		0.72	0.57	84.67	1.50		1.5
T88D810	N/C																				
T88D811	11		38.61	39.49	0.88	0.66	0.64	20.86	12.87	20.56		65.93		30.58		2.33	2.01	88.95	1.48		
	10		43.92	44.85	0.93	0.52	0.47	11.52	8.87	22.01		68.65		32.02		2.89	2.29	95.54	1.39		
	9		46.71	47.20	0.49	0.70	0.55	29.19	11.03	22.12		66.30		31.01		3.83	1.47	72.11	1.57		0.5
	8		47.26	48.99	1.73	0.70	0.55	29.19	11.03	22.12		66.30		31.01		3.83	1.47	72.11	1.57		0.5
	?		51.10	51.53	0.43	0.61	0.52	29.78	18.91	20.05		60.52		28.48		3.89	3.99	72.77	1.57		
	6U																				
	6L		65.21	66.19	0.98	0.81	0.78	42.65	20.10	22.66		56.46		27.37		0.49	1.40	54.42	1.73		0.5
	5ex		68.80	68.96	0.16																
	5U		75.50	75.61	0.11																
	5 Prtng		75.61	76.40	0.79																
	5L		76.40	76.80	0.40	0.88	0.76	35.48	26.89	24.32		48.03		24.82		2.35	0.52	73.00	1.64		1.5
	4		78.25	79.02	0.77	0.84	0.60	55.26	26.43	22.29		50.68		25.54		0.89	0.57	30.81	1.92		1.0
	3U		81.70	82.40	0.70	0.67	0.66	40.23	14.47	23.83		61.04		30.02		6.31	1.86	46.03	1.70		1.5
	3 Prtng		82.40	83.10	0.70																
	3L		83.10	84.38	1.28	0.65	0.49	16.54	12.49	25.98		61.04		30.82		1.43	1.11	92.51	1.44		1.5
	2		96.30	98.14	1.84	0.80	0.77	20.75	12.92	26.19		60.12		30.63		0.51	0.58	84.45	1.48		1.5
	2L		98.95	99.49	0.54	0.93	0.87	19.53	14.30	24.99		59.84		30.21		0.86	0.61	84.63	1.47		1.5

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Washblty (g/cc)	F.S.I.
T88D812	8		20.70	21.01	0.31																
	7		32.10	33.00	0.90	0.54	0.38	19.25	12.85		22.30		64.47		30.79	1.56	1.46	88.29	1.46		0.5
	6U		44.39	45.25	0.86	0.61	0.57	23.97	9.33		27.21		62.89		32.10	4.73	1.88	78.87	1.51		2.5
	6 Prtng		45.25	46.80	1.55																
	6L		46.80	47.80	1.00	0.75	0.73	20.19	10.91		25.92		62.44		30.98	3.58	1.89	81.19	1.47		1.0
	?		51.80	52.23	0.43	0.68	0.56	30.58	17.78		23.98		57.68		28.20	7.56	6.68	76.17	1.58		1.5
	5ex		55.10	55.95	0.85	0.91	0.97	13.30	11.74		26.55		60.74		30.17	0.87	0.64	81.19	1.41		1.5
	5ex		56.31	57.42	1.11	0.93	0.76	30.81	13.16		24.74		61.34		29.68	0.44	0.52	73.55	1.58		1.5
	5U		64.29	64.69	0.40	1.26	0.97	52.87	26.76		24.71		47.56		24.87	0.78	1.13	19.47	1.88		4.5
	5U Prtg		64.69	64.94	0.25																
	5U		64.94	65.59	0.65	1.09	0.92	33.02	20.91		26.39		51.78		26.50	0.73	0.10	66.09	1.61		2.0
	5 Prtng		65.59	66.39	0.80																
	5L		66.39	66.80	0.41	1.12	0.93	55.82	27.92		25.79		45.36		24.39	1.12	1.65	23.68	1.93		4.0
	5L Prtg		66.80	67.20	0.40																
	5L		67.20	67.45	0.25	0.96	0.87	56.89	23.13		25.70		50.30		25.77	0.32	0.65	25.17	1.95		2.0
	4U		69.02	70.04	1.02	0.78	0.68	40.30	15.65		27.04		56.63		29.00	2.19	1.58	50.71	1.70		2.0
	4 Prtng		70.04	70.97	0.93																
	4		70.97	72.10	1.13	0.66	0.61	39.76	17.46		27.47		54.46		27.72	0.94	0.82	58.87	1.69		2.0
	3U		75.00	76.10	1.10	0.64	0.59	13.52	9.09		27.75		62.57		31.71	2.25	1.46	92.89	1.41		1.5
	3 Prtng		76.10	76.55	0.45																
	3L		76.55	77.90	1.35	0.83	0.69	22.40	12.21		26.02		61.08		30.28	1.43	1.11	85.12	1.49		2.0
	2		93.56	96.61	3.05	0.92	0.86	18.41	11.79		26.95		60.40		30.66	0.47	0.43	86.01	1.46		2.5
	2L		97.31	97.91	0.60	1.14	0.99	22.14	14.80		25.20		59.01		29.17	1.39	0.96	84.52	1.49		2.5
T88D813	?		43.81	44.06	0.25	0.79	0.55	60.20	14.66		27.43		57.36		29.93	1.10	2.95	37.39	2.00		3.5
	?		111.80	112.64	0.84	0.74	0.69	36.03	18.43		25.64		55.24		27.80	2.38	0.73	70.36	1.65		1.0

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T88D814	11		24.67	25.11	0.44	0.89	0.74	27.08	19.77	30.85		48.64		27.78		2.99	2.35	84.43	1.54		5.0
	10		29.59	30.46	0.87	0.87	0.78	21.15	10.46	31.14		57.62		30.70		4.75	3.58	81.01	1.48		3.0
	9		33.20	33.76	0.56	0.93	0.86	33.73	15.71	30.58		52.85		29.19		4.71	3.34	59.69	1.62		5.0
	8??		36.99	37.00	0.01																
	7??		50.00	50.00																	
	6U		55.50	56.98	1.48	0.80	0.75	19.23	9.00	33.39		56.86		32.19		2.40	1.42	84.29	1.46		5.0
	6 Prtng		56.98	58.27	1.29																
	6L		58.27	59.80	1.53	0.74	0.79	18.03	9.11	29.71		60.39		31.86		2.08	0.85	83.04	1.45		3.0
	?		60.85	61.24	0.39	1.02	1.06	61.86	25.44	27.06		46.44		25.41		0.40	0.70	14.63	2.03		7.5
	5U		70.12	72.20	2.08																
	5 Prtng		72.20	72.20																	
	5L		72.20	73.41	1.21																
	5		70.12	73.41	3.29	0.83	0.75	15.78	11.49	28.03		59.73		30.79		0.56	0.51	93.99	1.43		1.5
	4		74.04	76.11	2.07	0.69	0.57	12.56	10.63	29.74		59.06		32.30		0.62	0.61	97.51	1.40		3.0
	3U		79.14	80.20	1.06	0.62	0.54	23.48	12.24	28.96		58.26		30.63		1.80	1.46	80.80	1.51		2.5
	3 Prtng		80.20	80.86	0.66																
	3L		80.86	81.98	1.12	0.84	0.79	18.77	14.18	27.51		57.52		29.74		2.07	1.28	91.98	1.46		1.5
	2		89.32	92.99	3.67	0.87	0.79	27.71	14.42	29.31		55.48		29.54		1.30	1.08	76.16	1.55		2.5
T89R908	7		47.63	47.96	0.33																
	?		54.73	55.64	0.91																
	6U		56.94	58.16	1.22																
	6 Prtng		58.16	59.20	1.04																
	6L		59.20	61.47	2.27																
	?		61.82	62.68	0.86																
	?		62.68	64.75	2.07																
	5ex		72.05	73.10	1.05																

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Washblty (g/cc)	F.S.I.
T89R909	6U		26.88	27.82	0.94																
	6 Prtng		27.82	29.30	1.48																
	6L		29.30	29.60	0.30																
	Prtng		29.60	29.79	0.19																
	6L		29.79	31.39	1.60																
	5ex		31.39	32.50	1.11																
	4		43.17	43.87	0.70																
	3U		46.09	47.27	1.18																
	3 Prtng		47.27	47.60	0.33																
	3L		47.60	49.08	1.48																
	2		55.40	57.40	2.00																
	2L		58.34	58.83	0.49																
T89R910	6U		30.55	31.87	1.32																
	6 Prtng		31.87	32.58	0.71																
	6L		32.58	34.17	1.59																
	5/6 Prtg		34.17	34.79	0.62																
	5ex		34.79	36.33	1.54																
	5U		46.48	47.08	0.60																
	5 Prtng		47.08	48.00	0.92																
	5L		48.00	48.70	0.70																
	4		51.12	52.85	1.73																
	3U		55.60	56.36	0.76																
	3 Prtng		56.36	56.83	0.47																
	3L		56.83	57.60	0.77																
	2		67.52	67.96	0.44																

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	RESIDUAL MOISTURE Clean (%)	ASH Raw (%)	ASH Clean (%)	VOLATILE MATTER Raw (%)	VOLATILE MATTER Clean (%)	FIXED CARBON Raw (%)	FIXED CARBON Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	CALORIFIC VALUE Clean (MJ/kg)	SULPHUR Raw (%)	SULPHUR Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	SPECIFIC GRAVITY Washblty (g/cc)	F.S.I.
T89R911	9		6.00	7.10	1.10																
	8		8.80	9.65	0.85																
	6U		28.24	28.84	0.60																
	6U Prtg		28.84	29.15	0.31																
	6U		29.15	29.74	0.59																
	6 Prtng		29.74	30.50	0.76																
	6L		30.50	32.43	1.93																
	5/6 Prtg		32.43	32.88	0.45																
	5ex		32.88	33.61	0.73																
	5U		42.30	43.18	0.88																
	5 Prtng		43.18	44.10	0.92																
	5L		44.10	44.65	0.55																
	4U		46.69	47.08	0.39																
	4 Prtng		47.08	48.10	1.02																
	4		48.10	48.70	0.60																
	3U		51.40	52.26	0.86																
	3 Prtng		52.26	53.28	1.02																
	3L		53.28	54.07	0.79																
	2		68.94	71.16	2.22																
	2L		71.67	72.28	0.61																
T89R912	9		6.32	6.84	0.52																
	8		8.49	10.00	1.51																
	6U		29.59	30.82	1.23																
	6 Prtng		30.82	31.81	0.99																
	6L		31.81	33.45	1.64																
	5ex		35.46	36.18	0.72																
	5U		41.55	42.32	0.77																
	5 Prtng		42.32	43.18	0.86																
	5L		43.18	43.77	0.59																
	4		46.62	47.55	0.93																
	3U		49.38	50.28	0.90																
	3 Prtng		50.28	50.81	0.53																
	3L		50.81	51.89	1.08																
	2		60.97	64.36	3.39																

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	RESIDUAL MOISTURE Clean (%)	ASH Raw (%)	ASH Clean (%)	VOLATILE MATTER Raw (%)	VOLATILE MATTER Clean (%)	FIXED CARBON Raw (%)	FIXED CARBON Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	CALORIFIC VALUE Clean (MJ/kg)	SULPHUR Raw (%)	SULPHUR Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	SPECIFIC GRAVITY Wshblty (g/cc)	F.S.I.
T89R913	?		8.04	8.27	0.23																
	5U		9.00	10.11	1.11																
	5 Prtng		10.11	10.60	0.49																
	5L		10.60	11.15	0.55																
	4		12.65	14.36	1.71																
	3U		15.59	16.44	0.85																
	3 Prtng		16.44	16.80	0.36																
	3L		16.80	17.76	0.96																
	2		28.28	32.24	3.96																
T89R914	N/C																				
T89R915	N/C																				
T89D920	5ex		11.89	11.96	0.07																
	5U		18.92	20.25	1.33	0.99	0.57	50.04	19.33	25.26		54.84		27.65		2.33	0.94	36.27	1.89		2.0
	5 Prtng		20.25	20.88	0.63	0.74		72.15								2.57			2.25		
	5L		20.88	21.79	0.91	0.86	0.67	41.28	18.82	26.36		54.15		27.98		1.57	1.19	40.69	1.74		3.5
	4		22.71	24.75	2.04	0.70	1.03	36.99	14.93	27.62		56.42		28.73		0.58	0.63	57.71	1.70		2.0
	3U		26.04	26.96	0.92	0.64	3.31	13.17	9.63	26.10		60.96		30.82		2.01	1.31	90.96	1.41		1.5
	3 Prtng		26.96	27.39	0.43	1.19		85.35								2.40			2.59		
	3L		27.39	28.44	1.05	0.86	4.46	18.99	12.09	24.18		59.27		29.42		1.35	1.05	90.34	1.46		1.5
	2		37.48	40.29	2.81	0.65	1.61	17.97	10.35	28.82		59.22		30.56		1.38	0.88	80.39	1.48		2.5
	2L		40.81	41.28	0.47	0.76		19.70								0.73			1.47		

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean	ASH Raw (%)	Clean	VOLATILE MATTER Raw (%)	Clean	FIXED CARBON Raw (%)	Clean	CALORIFIC VALUE Raw (MJ/kg)	Clean	SULPHUR Raw (%)	Clean	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T89D921	11		27.46	28.53	1.07	0.56	2.20	17.14	11.87	21.73		64.20		30.27		2.69	2.10	88.35	1.44		0.5
	10		34.19	35.14	0.95	0.47	4.03	15.73	10.40	20.46		65.11		30.84		3.05	2.34	87.97	1.43		1.5
	9		36.55	36.98	0.43	0.51	1.17	23.71	14.45	22.64		61.74		29.68		7.77	4.84	68.45	1.51		1.5
	8		37.28	38.99	1.71	0.68	2.77	17.24	11.40	22.19		63.64		29.21		2.01	1.61	82.51	1.51		0.5
	?		41.60	41.84	0.24																
	6U		63.25	64.68	1.43	0.25	2.37	23.52	7.35	26.72		63.56		31.71		2.47	1.69	71.02	1.51		3.0
	6 Prtng		64.68	65.94	1.26	0.67		80.53								6.10			2.45		
	6L		65.94	67.96	2.02	0.79	2.09	42.07	9.30	26.14		62.47		31.22		2.22	1.31	46.37	1.73		2.5
	5ex		71.99	73.58	1.59	0.82	1.93	37.95	14.32	23.35		60.40		28.97		0.79	0.66	58.77	1.66		0.5
	5U		78.85	80.16	1.31	0.51	2.48	23.77	11.70	26.41		59.41		29.98		2.61	1.09	72.31	1.51		2.5
	5 Prtng		80.16	80.96	0.80	0.71		81.30								1.86			2.47		
	5L		80.96	81.60	0.64	0.63	1.42	31.40	18.71	26.15		53.72		27.74		2.20	1.31	63.81	1.59		3.0
	4		82.60	84.44	1.84	0.80	2.22	29.91	10.12	26.77		60.89		30.51		1.38	0.97	69.08	1.44		1.5
	3U		85.84	86.82	0.98	0.71	2.67	17.56	10.37	27.41		59.55		30.78		0.83	1.20	87.64	1.45		2.5
	3 Prtng		86.82	87.23	0.41			82.20								3.26			2.50		
	3L		87.23	88.24	1.01	0.76	3.30	17.95	12.54	24.88		59.28		29.24		1.01	0.90	90.54	1.45		1.0
	2		96.14	98.76	2.62	0.84	1.09	26.68	12.59	28.19		58.13		29.80		1.13	0.88	73.46	1.49		2.0
	2LP		98.76	98.96	0.20	0.99		80.59								0.52			2.39		
	2L		98.96	99.49	0.53	0.84	1.09	26.68	12.59	28.19		58.13		29.80		1.13	0.88	73.46	1.48		2.0
T89D922																					
T89D923	?		7.36	7.49	0.13																
	4		11.04	11.52	0.48	1.05	1.15	29.44	13.06	30.96		54.83		30.17		4.30	3.06	61.88	1.57		3.0
	3U		12.69	14.82	2.13	1.33	1.52	15.77	9.48	28.61		60.39		30.78		1.86	1.04	85.95	1.46		1.5
	3 Prtng		14.82	15.16	0.34	0.85		81.54								2.88			2.48		
	3L		15.16	15.71	0.55																
	2		28.36	30.28	1.92	0.57	1.13	44.75	7.84	31.68		59.35		31.87		1.85	1.48	48.41	1.57		3.0
	2LP		30.28	30.92	0.64	0.43		83.17								0.81			2.81		
	2L		30.92	31.34	0.42	0.88		12.82								1.02			1.42		

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T89D924	9		11.94	12.20	0.26	0.80		19.85								4.16			1.47		
	?		13.06	13.14	0.08	0.87		17.53								7.50			1.45		
	8		13.14	15.34	2.20	0.84	2.75	20.81	10.91	27.30		59.04		29.85		1.75	0.95	83.09	1.50		1.5
	?		18.60	18.94	0.34	0.74		26.32								3.24			1.53		
	7		29.60	29.79	0.19																
	6L		35.57	37.25	1.68	0.86	2.56	15.07	8.15	28.96		60.33		31.43		1.95	1.02	86.21	1.44		3.0
	5U		39.80	42.19	2.39																
	5 Prtng		42.19	42.19																	
	5L		42.19	43.36	1.17																
	5		39.80	43.36	3.56	0.82	1.77	23.37	11.40	27.16		59.67		29.93		1.24	0.71	80.32	1.49		2.0
	4		44.17	45.32	1.15	0.88	3.34	19.87	14.32	26.03		56.31		28.99		0.97	0.89	84.07	1.47		1.0
T89D925	11		89.48	89.72	0.24																
	10		97.38	97.96	0.58	2.23	1.36	19.61	11.84	33.42		53.38		30.87		3.79	2.56	78.18	1.47		4.0
	8		101.93	103.65	1.72	0.61	3.35	16.32	10.10	27.41		59.14		30.19		0.90	0.67	89.25	1.44		1.0
	?		108.16	108.24	0.08																
	7		122.59	122.81	0.22																
	6U		128.72	130.24	1.52	0.35	2.01	10.79	6.49	31.90		59.60		32.32		2.00	1.53	89.13	1.38		3.5
	6 Prtng		130.24	131.00	0.76			88.14								1.57			2.68		
	6L		131.00	132.60	1.60	0.34	2.10	17.52	8.02	29.94		59.94		31.76		2.78	1.15	76.90	1.48		2.0
	5U		142.94	145.00	2.06																
	5 Prtng		145.00	145.00																	
	5L		145.00	146.51	1.51																
	5		142.94	146.51	3.57	0.47	2.32	11.33	8.04	28.13		61.51		31.47		0.74	0.61	91.81	1.40		2.0
	4		147.60	149.48	1.88	0.24	1.91	11.62	9.12	28.60		60.37		31.26		0.88	0.76	96.50	1.38		3.0
	3U		153.37	154.44	1.07	0.40	1.92	14.68	9.59	28.51		59.98		31.20		2.05	1.32	88.74	1.42		1.0
	3 Prtng		154.44	154.87	0.43			86.55								2.42			2.63		
	3L		154.87	155.91	1.04	0.66	1.97	17.47	11.80	27.13		59.10		29.38		2.00	1.27	85.60	1.45		0.5
	2		165.68	169.30	3.62	0.68	1.72	16.38	9.32	28.22		60.74		31.06		1.09	0.71	84.99	1.43		2.0

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	RESIDUAL MOISTURE Clean (%)	ASH Raw (%)	ASH Clean (%)	VOLATILE MATTER Raw (%)	VOLATILE MATTER Clean (%)	FIXED CARBON Raw (%)	FIXED CARBON Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	CALORIFIC VALUE Clean (MJ/kg)	SULPHUR Raw (%)	SULPHUR Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	SPECIFIC GRAVITY Wshblty (g/cc)	F.S.I.
T92D-02	FAULT		102.50																		
	4	100	104.95	106.08	1.13	0.76	1.18	47.16	16.43							0.34	0.49	42.21	1.80	1.60	
	3U	100	108.48	109.53	1.05	0.53	1.12	15.92	9.92							2.42	1.40	87.32	1.42	1.60	
	2	100	116.72	119.51	2.79	0.98	1.90	24.00	10.10	23.44	24.94	51.58	63.25	25.65	30.63	0.54	0.46	73.28	1.48	1.60	
	2L	100	120.50	120.97	0.47	1.19	1.34	23.56	14.09		24.94		59.82		29.56	4.15	1.09	80.99	1.51	1.60	
T92D-05	11	58	66.52	67.11	0.59	0.59	2.54	14.54	10.99							0.93	0.76	89.84	1.42	1.60	
	10	74	71.84	72.66	0.82	0.71	2.48	13.14	7.64							2.66	1.63	85.41	1.41	1.60	
	8	93	75.48	77.58	2.10	0.99	2.66	19.76	10.58							2.68	1.63	79.89	1.49	1.60	
	FAULT																				
	5ex		80.06	80.54	0.48																
	5U		88.34	88.53	0.19																
	5 Prtng		88.53	89.48	0.95																
	5L		89.48	89.85	0.37																
	4	90	92.28	93.87	1.59	0.92	1.77	14.87	10.28							0.74	0.67	83.35	1.43	1.60	
	3U	87	96.34	97.55	1.21	0.84	2.40	13.42	9.87							2.14	1.33	88.66	1.41	1.60	
	3 Prtng		97.55	98.74	1.19																
	3L	60	98.74	99.85	1.11	0.76	2.54	13.29	10.33							1.12	0.98	90.57	1.41	1.60	
	2	94	111.72	113.50	1.78	0.96	3.51	15.20	8.60	24.29	25.26	59.55	62.63	29.06	30.90	0.55	0.57	83.42	1.37	1.60	
	2L	100	114.59	115.04	0.45	1.01	2.49	22.21	10.60							1.05	0.81	72.36	1.49	1.60	
T92R-06	N/C	No Coal																			

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T92D-07	6U	98	167.23	168.51	1.28	0.94	1.06	15.04	8.07	28.90	30.01	55.12	60.86	29.26	31.56	4.50	1.52	87.19	1.42	1.60	
	6 Prtng		168.51	170.21	1.70														2.50	1.60	
	6L	82	170.21	171.40	1.19	1.00	1.24	12.31	10.09	27.77	26.46	58.92	62.34	30.47	30.86	0.94	0.84	93.31	1.41	1.60	
	5	89	179.06	181.97	2.91	1.07	1.50	12.77	11.04	26.59	25.71	59.57	61.75	30.00	30.07	0.52	0.52	92.79	1.35	1.60	
	4	97	183.41	185.04	1.63	0.94	1.42	12.34	9.26	27.66	27.03	59.06	62.29	30.09	31.10	0.74	0.66	92.27	1.36	1.60	
	3U	100	188.86	189.73	0.87	1.00	1.30	11.22	7.94							1.18	0.93	94.47	1.39	1.60	
	3 Prtng		189.73	189.95	0.22																
	3L	98	189.95	190.84	0.89	0.85	1.23	15.38	10.62							1.33	0.93	88.30	1.44	1.60	
	3		188.86	190.84	1.98	0.64	1.47	26.82	9.95	23.35	25.11	49.19	63.47		30.96	1.61	0.89	73.27	1.55	1.60	
	2	89	206.13	209.75	3.62	0.64	1.97	18.89	10.57	25.95	26.14	54.52	61.32	28.01	30.44	1.02	0.68	82.43	1.46	1.60	

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T92R-08	11		30.49	30.92	0.43																
	10	N/A	37.29	37.81	0.52																
	9	N/A	40.87	41.80	0.93																
	8	N/A	44.44	46.82	2.38																
	?		49.18	49.53	0.35																
	6U Rep	N/A	60.11	60.63	0.52																
	6 Prtng		60.63	60.78	0.15																
	6L Rep	N/A	60.78	61.66	0.88																
	5ex Rep	N/A	62.40	65.45	3.05																
	FAULT		70.00																		
	?	N/A	74.15	74.32	0.17																
	7	N/A	84.68	85.19	0.51																
	6U	N/A	90.21	90.89	0.68																
	6 Prtng		90.89	91.48	0.59																
	6L	N/A	91.48	92.07	0.59																
	5ex	N/A	94.07	98.08	4.01																
	?	N/A	99.31	99.61	0.30																
	5U	N/A	101.70	102.20	0.50																
	5 Prtng		102.20	103.44	1.24																
	5L	N/A	103.44	104.58	1.14																
	4	N/A	105.87	106.80	0.93																
	?	N/A	108.89	109.68	0.79																
	3U	N/A	112.07	113.05	0.98																
	3 Prtng		113.05	113.49	0.44																
	3L	N/A	113.49	114.50	1.01																
	2	N/A	129.25	129.67	0.42																

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T92D-09	11	90	38.34	39.32	0.98	0.93	1.96	16.23	13.69	22.33	21.22	60.51	63.13	28.85	29.39	2.46	2.12	91.16	1.41	1.60	
	10	86	44.91	45.90	0.99	0.53	1.79	12.45	7.59	25.09	24.52	61.93	66.10	30.64	32.35	2.51	1.53	89.81	1.37	1.60	
	9	83	47.10	47.58	0.48	0.94	2.28	34.03	16.34		22.04		59.34		28.35	4.42	2.98	56.60	1.56	1.60	
	8	100	48.00	49.61	1.61	0.65	2.26	17.79	11.41	22.99	21.99	58.57	64.34	28.29	29.96	2.27	1.57	80.67	1.45	1.60	
	?	100	52.19	52.51	0.32	0.75		26.91								2.62					
	6U	100	73.43	74.95	1.52	0.70	1.56	13.93	8.25							1.85	1.50	86.81	1.43	1.60	
	6 Prtng		74.95	75.45	0.50																
	6L	100	75.45	76.95	1.50	0.74	1.29	16.87	8.66	24.83	24.96	57.56	65.09	28.53	31.14	2.34	1.33	78.26	1.41	1.60	
	5ex	100	84.21	85.22	1.01	0.79	2.03	33.24	20.30		22.54		55.13		26.70	0.84	0.61	66.07	1.61	1.60	
	?	99	88.80	89.09	0.29	0.86		32.61								0.59					
	5U	89	89.85	91.17	1.32	0.55	1.72	15.20	13.10	25.34	23.83	58.91	61.35		29.37	1.47	0.84	87.45	1.41	1.60	
	5 Prtng		91.17	91.95	0.78																
	5L	100	91.75	92.41	0.66	0.63	1.10	29.28	16.72	25.27		44.82				2.34	1.13	57.84	1.57	1.60	
	4	97	93.81	95.50	1.69	0.45	1.64	13.20	11.22	26.43	24.83	59.92	62.31		30.56	0.66	0.57	92.16	1.40	1.60	
	3U	97	96.68	97.58	0.90	0.63		24.78		24.60		49.99				1.27			1.42	1.60	
	3 Prtng		97.58	97.73	0.15	0.63		24.78		24.60		49.99				1.27			2.10	1.60	
	3L	95	97.73	98.64	0.91	0.53		18.84		26.88		53.75				1.04			1.47	1.60	
	3		96.68	98.64	1.96		1.49		12.18								0.84	81.59	1.49	1.60	
	2	98	105.62	108.92	3.30	0.60	1.54	22.07	12.47							0.90	0.64	77.43	1.49	1.60	
T92R-10		No Coal.																			
T92R-11	9	N/A	22.28	23.06	0.78																
	8	N/A	26.96	27.82	0.86																
	6U	N/A	44.04	45.57	1.53																
	6 Prtng		45.57	46.28	0.71																
	6L	N/A	46.28	46.80	0.52																
	5ex	N/A	48.13	49.32	1.19																
	5U		58.45	59.38	0.93																
	5L	N/A	59.38	61.12	1.74																
	4	N/A	62.29	63.03	0.74																
	?	N/A	78.63	79.46	0.83																
	2U	N/A	80.22	80.80	0.58																
	2	N/A	81.51	83.27	1.76																
	2L	N/A	83.45	83.71	0.26																

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	RESIDUAL MOISTURE Clean (%)	ASH Raw (%)	ASH Clean (%)	VOLATILE MATTER Raw (%)	VOLATILE MATTER Clean (%)	FIXED CARBON Raw (%)	FIXED CARBON Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	CALORIFIC VALUE Clean (MJ/kg)	SULPHUR Raw (%)	SULPHUR Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	SPECIFIC GRAVITY Washblty (g/cc)	F.S.I.
T92R-13	10	N/A	5.50	6.88	1.38																
	9	N/A	7.56	8.23	0.67																
	8	N/A	10.83	12.75	1.92																
	6U	N/A	18.32	19.53	1.21																
	6 Prtng		19.53	21.47	1.94																
	6L	N/A	21.47	21.82	0.35																
	6L Prtg		21.82	22.18	0.36																
	6L	N/A	22.18	23.60	1.42																
	?	N/A	24.49	24.68	0.19																
	FAULT		28.00	= upthrown side of normal fault																	
T92R-14	5ex	N/A	6.37	7.47	1.10																
	5U		10.28	11.75	1.47																
	5 Prtng		11.75	11.81	0.06																
	5L		11.81	12.80	0.99																
	5	N/A	10.28	12.80	2.52																
	4	N/A	13.21	15.10	1.89																
	3U	N/A	15.77	16.55	0.78																
	3 Prtng		16.55	17.07	0.52																
	3L	N/A	17.07	17.74	0.67																
	2U	N/A	24.20	24.56	0.36																
	2	N/A	25.48	28.53	3.05																
T92R-15		No coal																			
T92R-16	7	N/A	31.26	31.74	0.48																
	6L	N/A	37.83	38.78	0.95																
	?		42.66	42.73	0.07																
	5	N/A	43.92	45.72	1.80																
	4	N/A	49.04	49.46	0.42																

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	RESIDUAL MOISTURE Clean (%)	ASH Raw (%)	ASH Clean (%)	VOLATILE MATTER Raw (%)	VOLATILE MATTER Clean (%)	FIXED CARBON Raw (%)	FIXED CARBON Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	CALORIFIC VALUE Clean (MJ/kg)	SULPHUR Raw (%)	SULPHUR Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	SPECIFIC GRAVITY Wshblty (g/cc)	F.S.I.
T92R-17	11		61.17	61.22	0.05																
	10	N/A	61.73	62.36	0.63																
	9		68.30	68.34	0.04																
	8	N/A	69.63	70.00	0.37																
	7		85.17	85.28	0.11																
	6U	N/A	89.88	91.53	1.65																
	6 Prtng		91.53	92.30	0.77																
	6L	N/A	92.30	94.11	1.81																
	5U		101.44	102.73	1.29																
	5 Prtng		102.73	102.73																	
	5L		102.73	102.92	0.19																
	5	N/A	101.44	102.92	1.48																
	4	N/A	104.59	106.41	1.82																
	3U	N/A	109.06	110.01	0.95																
	3 Prtng		110.01	110.68	0.67																
	3L	N/A	110.68	111.78	1.10																
	2	N/A	117.31	120.61	3.30																
T92R-18	2	N/A	5.31	9.37	4.06																
	2L	N/A	13.70	14.01	0.31																

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T92R-19C	7	---	12.80	13.33	0.53																
	6U	---	19.35	20.68	1.33																
	6 Prtng		20.68	21.81	1.13																
	6L	---	21.81	23.08	1.27																
	5A		29.04	29.93	0.89																
	5U		30.19	32.90	2.71																
	5 Prtng		32.90	32.90																	
	5L		32.90	33.87	0.97																
	5	87	30.19	33.87	3.68	0.89	2.45	14.29	9.61							0.63	0.55	89.14	1.41	1.60	
	4	86	35.28	37.20	1.92	0.70	0.71	11.30	10.09							0.69	0.74	97.33	1.39	1.60	
	3U	93	40.38	41.37	0.99	0.60	0.65	11.99	8.54							1.37	1.15	93.03	1.39	1.60	
	3 Prtng		41.37	42.06	0.69																
	3L	100	42.06	43.03	0.97	0.68	0.79	14.62	9.64							2.25	1.11	85.98	1.43	1.60	
	2U	90	49.95	50.26	0.31	1.14	1.54	39.05	38.08							0.88	0.83	2.71	1.68	1.60	
	2	58	52.34	54.42	2.08	0.69	0.81	10.06	8.72							0.68	0.58	96.11	1.40	1.60	
T92R-21	11	N/A	60.98	61.22	0.24																
	10	N/A	62.50	63.53	1.03																
	9	N/A	65.79	66.11	0.32																
	8	N/A	66.90	67.95	1.05																
	?	N/A	71.16	71.38	0.22																
	7		82.41	82.44	0.03																
	6U	N/A	90.44	91.76	1.32																
	6 Prtng		91.76	92.30	0.54																
	6L	N/A	92.30	93.06	0.76																
	5U	N/A	100.38	102.35	1.97																
	5L		102.35	103.57	1.22																
	4	N/A	106.08	107.23	1.15																
	3U	N/A	110.10	111.03	0.93																
	3 Prtng		111.03	111.64	0.61																
	3L	N/A	111.64	112.58	0.94																
	2U		119.24	119.32	0.08																
	2	N/A	121.72	123.40	1.68																

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Washblty (g/cc)	F.S.I.
T92R-23	11	N/A	140.49	141.71	1.22																
	10	N/A	151.93	152.69	0.76																
	9	N/A	154.25	154.62	0.37																
	8	N/A	155.72	157.58	1.86																
	?	N/A	161.70	161.88	0.18																
T92R-25	7	N/A	26.27	26.73	0.46																
	6U	N/A	28.89	29.19	0.30																
	6 Prtng		29.19	29.49	0.30																
	6L	N/A	29.49	30.90	1.41																
	5A		32.94	33.82	0.88																
	5U	N/A	32.94	36.30	3.36																
	5 Prtng		36.30	36.30																	
	5L		36.30	37.78	1.48																
	4	N/A	39.35	41.40	2.05																
	3U	N/A	43.72	44.68	0.96																
	3 Prtng		44.68	45.00	0.32																
	3L	N/A	45.00	46.28	1.28																
	2U	N/A	49.00	49.50	0.50																
	2	N/A	49.72	51.69	1.97																
T92D-26		No Coal																			

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T92R-30C	11	—	17.51	18.28	0.77																
	10	—	29.71	29.89	0.18																
	9	100	30.87	31.24	0.37	1.34		14.05								2.80			1.41	1.60	
	8	95	32.48	34.17	1.69	1.35	1.30	15.75	11.23	26.47		56.43				1.21	0.76	86.30	1.44	1.60	
	7	—	49.91	50.41	0.50																
	6U	94	58.16	59.35	1.19	0.90	0.89	9.81	6.96	33.13		56.16				0.92	0.83	94.45	1.37	1.60	
	6 Prtng		59.35	59.89	0.54																
	6L	100	59.89	60.81	0.92	1.01	1.21	12.17	7.74	29.16		57.66				1.96	1.05	90.28	1.40	1.60	
	?		62.55	62.80	0.25																
	5	100	62.80	66.79	3.99	1.01	0.64	13.57	8.66	25.96		59.46				0.65	0.48	89.81	1.41	1.60	
	3U	99	68.69	69.64	0.95	0.70	0.86	22.38	14.74	28.07		48.85				2.33	0.93	78.39	1.48	1.60	
	3 Prtng		69.64	70.54	0.90																
	3L	93	70.54	71.43	0.89	0.69	1.02	18.08	13.66	28.13		53.10				0.79	0.79	80.55	1.46	1.60	
	2U	100	76.23	76.67	0.44	0.71	0.81	35.96	22.01		26.71		50.47		26.71	3.86	2.02	50.45	1.64	1.60	
	2	94	77.13	80.34	3.21	1.44	0.63	14.37	10.04	27.53		56.66				0.78	0.76	88.37	1.42	1.60	
T92R-33	3U	N/A	9.59	10.32	0.73																
	3 Prtng		10.32	10.92	0.60																
	3L	N/A	10.92	11.72	0.80																
	2U	N/A	16.10	16.51	0.41																
	2	N/A	17.40	20.62	3.22																
T92R-35	1	N/A	87.02	87.73	0.71																
	1	N/A	94.07	94.91	0.84																
	1	N/A	95.02	95.62	0.60																
	1	N/A	95.75	95.90	0.15																
	1	N/A	96.22	97.22	1.00																
	1	N/A	98.59	99.24	0.65																
	1	N/A	100.13	102.50	2.37																
	1	N/A	111.31	112.43	1.12																
	1	N/A	112.86	113.47	0.61																
	1	N/A	115.04	116.01	0.97																

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T92D-41	3L	11	3.75	4.87	1.12																
	2	86	16.68	18.99	2.31	0.76	2.50	16.17	10.99	25.95		60.56		30.13		0.46	0.47	88.16	1.43	1.60	
	2LP		18.99	19.51	0.52														2.20	1.60	
	2L	82	19.51	20.02	0.51	0.95	2.38	18.62	13.90							0.53	0.48	89.62	1.44	1.60	

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I.	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	Undet.
T92R-08	11																					
	10																					
	9																					
	8																					
	?																					
	6U Rep																					
	6 Prtng																					
	6L Rep																					
	5ex Rep																					
	FAULT																					
	?																					
	7																					
	6U																					
	6 Prtng																					
	6L																					
	5ex																					
	?																					
	5U																					
	5 Prtng																					
	5L																					
	4																					
	?																					
	3U																					
	3 Prtng																					
	3L																					
	2																					

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I.	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH SiO2	Al2O3	TiO2	Fe2O3	CaO (%)	MgO (%)	Na2O (%)	K2O	P2O5	SO3	Undet.
T92D-09	11	3.7		0.03	0.46	1.77	0.06	0.63	1.09	0.12	0.01											
	10	3.5		0.19	0.40	1.58	0.05	0.88	0.55	0.06	0.92											
	9			0.04	0.17				0.16	0.11	2.71	51.04	23.13	1.80	18.02	1.81	0.75	0.73	0.67	0.54	0.85	0.66
	8	4.9		0.03	0.45	1.54	0.03	0.70	0.72	0.05	0.80	54.04	26.25	1.76	10.51	2.63	0.51	0.59	0.29	0.28	2.59	0.55
	?																					
	6U																					
	6 Prtng																					
	6L	4.0		0.12	0.31	1.41	0.03	0.90	0.39	0.05	0.89											
	5ex			0.04	0.05				0.15	0.01	0.45	65.68	27.87	1.40	1.60	0.87	0.40	0.65	0.36	0.44	0.07	0.66
	?																					
	5U			0.11	0.13				0.18	0.03	0.63	58.32	30.21	1.50	2.60	2.55	0.48	0.65	0.22	1.68	1.03	0.76
	5 Prtng																					
	5L																					
	4			0.10	0.10				0.08	0.02	0.47											
	3U																					
	3 Prtng																					
	3L																					
	3																					
	2																					
T92R-10																						
T92R-11	9																					
	8																					
	6U																					
	6 Prtng																					
	6L																					
	5ex																					
	5U																					
	5L																					
	4																					
	?																					
	2U																					
	2																					
	2L																					

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	Sulfate	Organic	WASHED SULFUR FORMS % A.D. Pyritic	Sulfate	Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	Undet.
T92R-13	10																					
	9																					
	8																					
	6U																					
	6 Prtng																					
	6L																					
	6L Prtg																					
	6L																					
	?																					
	FAULT																					
T92R-14	5ex																					
	5U																					
	5 Prtng																					
	5L																					
	5																					
	4																					
	3U																					
	3 Prtng																					
	3L																					
	2U																					
	2																					
T92R-15																						
T92R-16	7																					
	6L																					
	?																					
	5																					
	4																					

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I.	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	Undet.
T92R-17	11																					
	10																					
	9																					
	8																					
	7																					
	6U																					
	6 Prtng																					
	6L																					
	5U																					
	5 Prtng																					
	5L																					
	5																					
	4																					
	3U																					
	3 Prtng																					
	3L																					
	2																					
T92R-18	2																					
	2L																					

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I.	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	Undet.
T92R-19C	7																					
	6U																					
	6 Prtng																					
	6L																					
	5A																					
	5U																					
	5 Prtng																					
	5L																					
	5																					
	4																					
	3U																					
	3 Prtng																					
	3L																					
	2U																					
	2																					
T92R-21	11																					
	10																					
	9																					
	8																					
	?																					
	7																					
	6U																					
	6 Prtng																					
	6L																					
	5U																					
	5L																					
	4																					
	3U																					
	3 Prtng																					
	3L																					
	2U																					
	2																					

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I.	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	Undet.
T92R-23	11																					
	10																					
	9																					
	8																					
	?																					
T92R-25	7																					
	6U																					
	6 Prtng																					
	6L																					
	5A																					
	5U																					
	5 Prtng																					
	5L																					
	4																					
	3U																					
	3 Prtng																					
	3L																					
	2U																					
	2																					
T92D-26																						

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I.	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	Undet.
T92R-30C	11																					
	10																					
	9																					
	8																					
	7																					
	6U																					
	6 Prtng																					
	6L																					
	?																					
	5																					
	3U																					
	3 Prtng																					
	3L																					
	2U			0.01	0.01				1.27	0.05	0.70	63.18	21.24	1.39	8.58	1.81	0.68	0.59	0.23	0.01	1.47	0.82
	2																					
T92R-33	3U																					
	3 Prtng																					
	3L																					
	2U																					
	2																					
T92R-35	1																					
	1																					
	1																					
	1																					
	1																					
	1																					
	1																					
	1																					
	1																					

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I.	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	Undet.
T92D-41	3L																					
	2			0.10	0.51				0.24	0.02	0.21											
	2LP																					
	2L																					

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS (%) %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH (Temp. C) OXIDIZING Init.	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
T92R-08	11															
	10															
	9															
	8															
	?															
	6U Rep															
	6 Prtng															
	6L Rep															
	5ex Rep															
	FAULT															
	?															
	7															
	6U															
	6 Prtng															
	6L															
	5ex															
	?															
	5U															
	5 Prtng															
	5L															
	4															
	?															
	3U															
	3 Prtng															
	3L															
	2															

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH — OXIDIZING Init.	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
				(%)					(Temp. C)							
T92D-09	11															
	10															
	9	1.92	68.82	4.01	1.01	16.37	2.98	4.89								
	8	2.01	73.31	3.91	0.79	11.51	1.57	6.90	1342	1447	1468	>1472	1265	1342	1373	1463
	?															
	6U															
	6 Prtng															
	6L															
	5ex	2.14	65.21	3.74	0.91	20.21	0.61	7.18								
	?															
	5U	1.66	72.02	4.22	0.98	13.24	0.84	7.04								
	5 Prtng															
	5L															
	4															
	3U															
	3 Prtng															
	3L															
	3															
	2															
T92R-10																
T92R-11	9															
	8															
	6U															
	6 Prtng															
	6L															
	5ex															
	5U															
	5L															
	4															
	?															
	2U															
	2															
	2L															

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS (%) %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH (Temp. C) OXIDIZING Init.	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
T92R-13	10															
	9															
	8															
	6U															
	6 Prtng															
	6L															
	6L Prtg															
	6L															
	?															
	FAULT															
T92R-14	5ex															
	5U															
	5 Prtng															
	5L															
	5															
	4															
	3U															
	3 Prtng															
	3L															
	2U															
	2															
T92R-15																
T92R-16	7															
	6L															
	?															
	5															
	4															

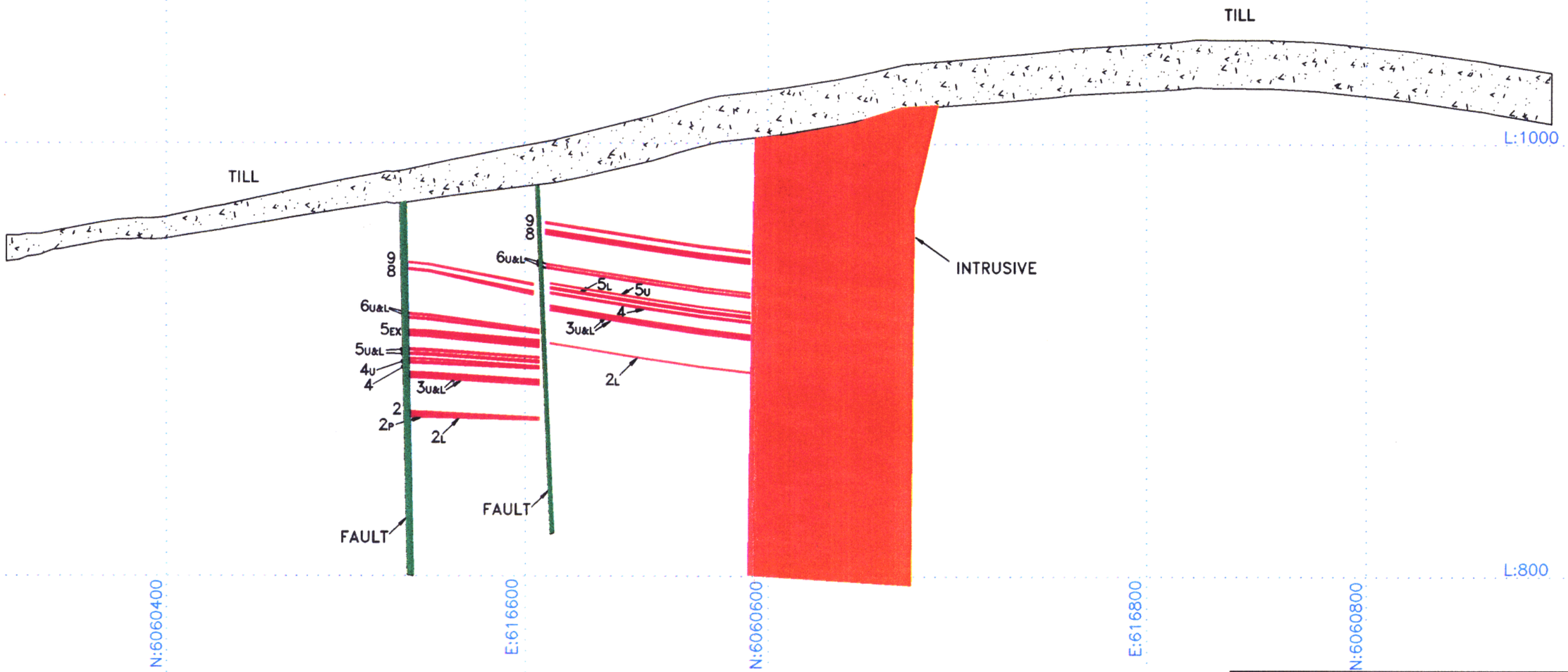
DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH OXIDIZING Init.	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
				(%)					(Temp. C)							
T92R-17	11															
	10															
	9															
	8															
	7															
	6U															
	6 Prtng															
	6L															
	5U															
	5 Prtng															
	5L															
	5															
	4															
	3U															
	3 Prtng															
	3L															
	2															
T92R-18	2															
	2L															

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS (%) %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH (Temp. C) OXIDIZING Init.	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
T92R-19C	7															
	6U															
	6 Prtng															
	6L															
	5A															
	5U															
	5 Prtng															
	5L															
	5															
	4															
	3U															
	3 Prtng															
	3L															
	2U															
	2															
T92R-21	11															
	10															
	9															
	8															
	?															
	7															
	6U															
	6 Prtng															
	6L															
	5U															
	5L															
	4															
	3U															
	3 Prtng															
	3L															
	2U															
	2															

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS (%) %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH (Temp. C) OXIDIZING Init.	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
T92R-23	11															
	10															
	9															
	8															
	7															
T92R-25	7															
	6U															
	6 Prtng															
	6L															
	5A															
	5U															
	5 Prtng															
	5L															
	4															
	3U															
	3 Prtng															
	3L															
	2U															
	2															
T92D-26																

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS (%) %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH (Temp. C) OXIDIZING Init.	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
T92R-30C	11															
	10															
	9															
	8															
	7															
	6U															
	6 Prtng															
	6L															
	?															
	5															
	3U															
	3 Prtng															
	3L															
	2U	1.36	64.78	3.81	0.85	21.96	2.02	5.22								
	2															
T92R-33	3U															
	3 Prtng															
	3L															
	2U															
	2															
T92R-35	1															
	1															
	1															
	1															
	1															
	1															
	1															
	1															
	1															
	1															

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS (%) %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH (Temp. C) OXIDIZING Init.	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
T92D-41	3L															
	2															
	2LP															
	2L															

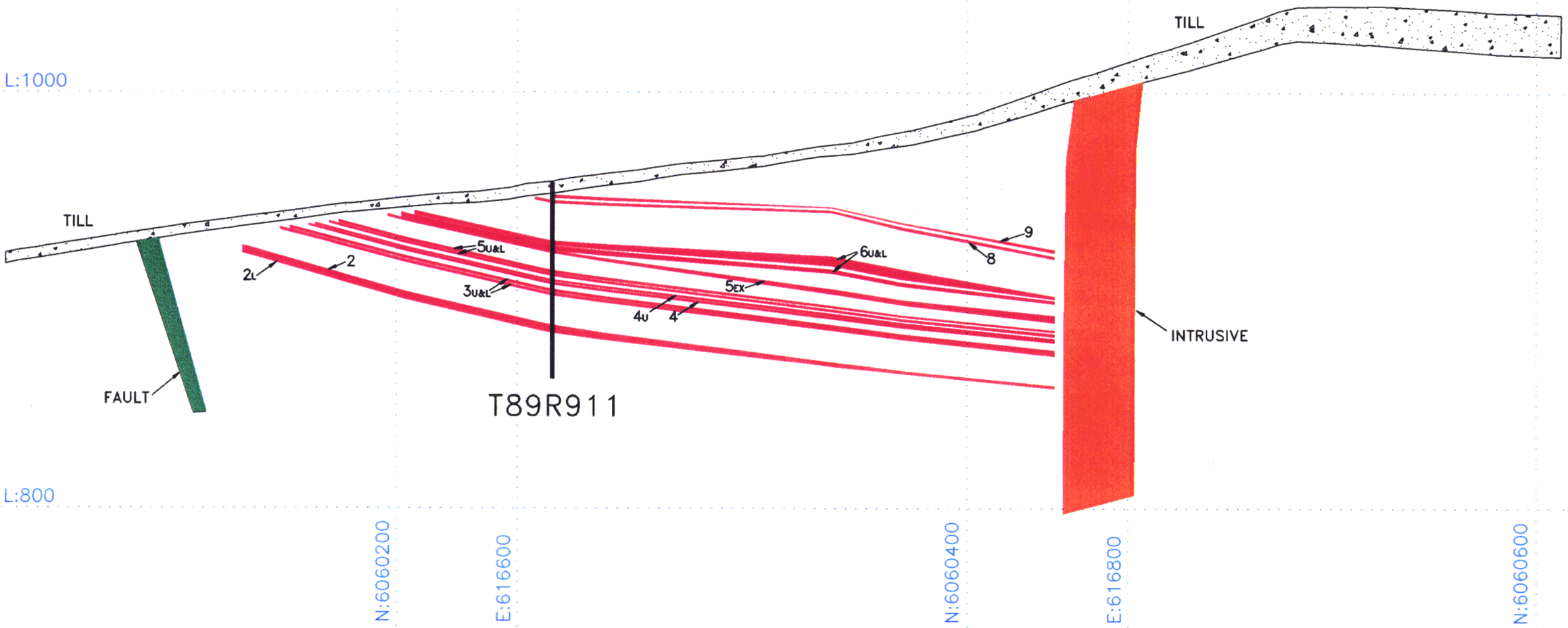


manalta coal ltd.

TELKWA

CROSS SECTION A–A'
PIT 8 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42055



0 100 200

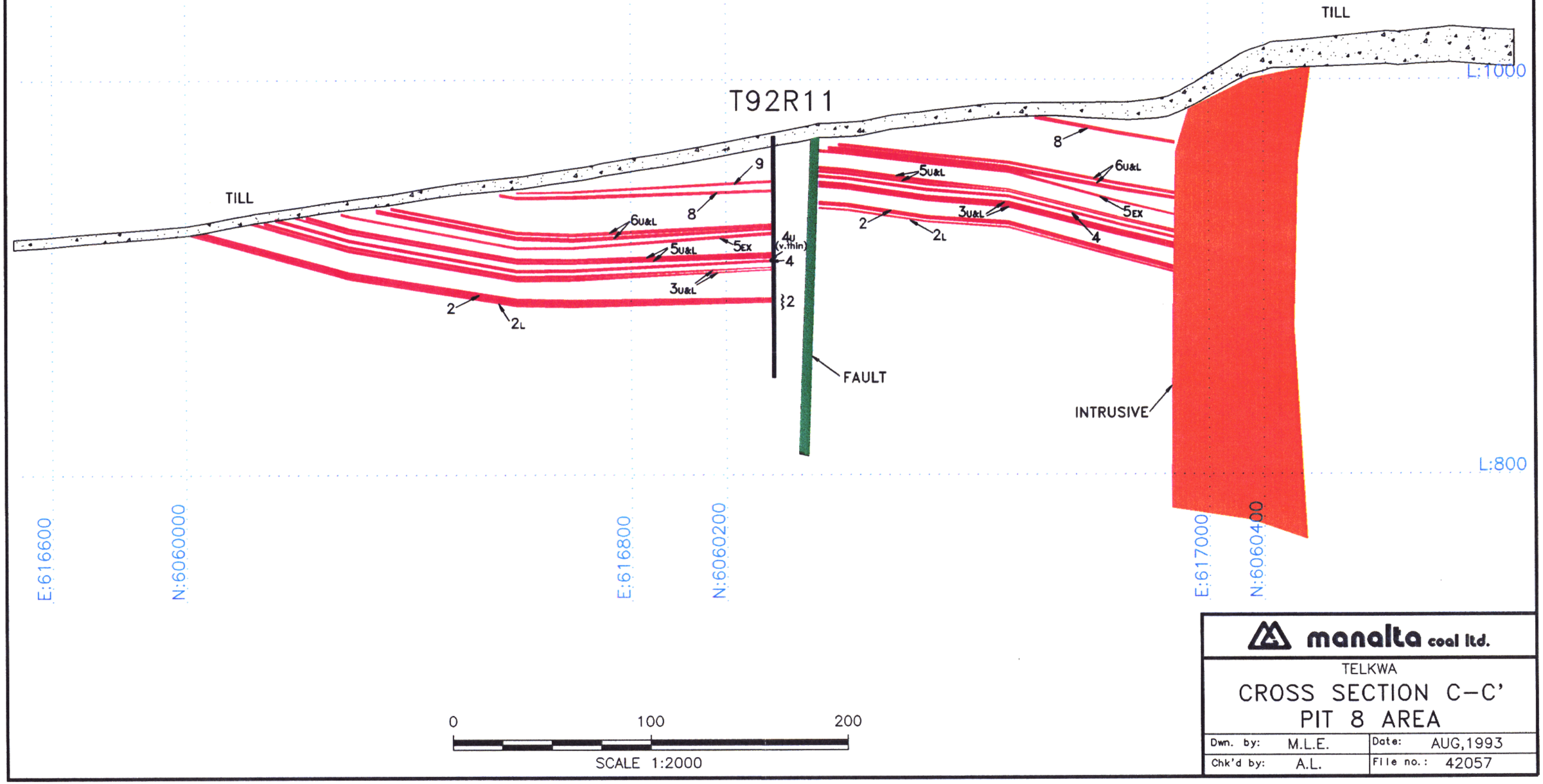
SCALE 1:2000

manalta coal ltd.

TELKWA

CROSS SECTION B–B'
PIT 8 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42056

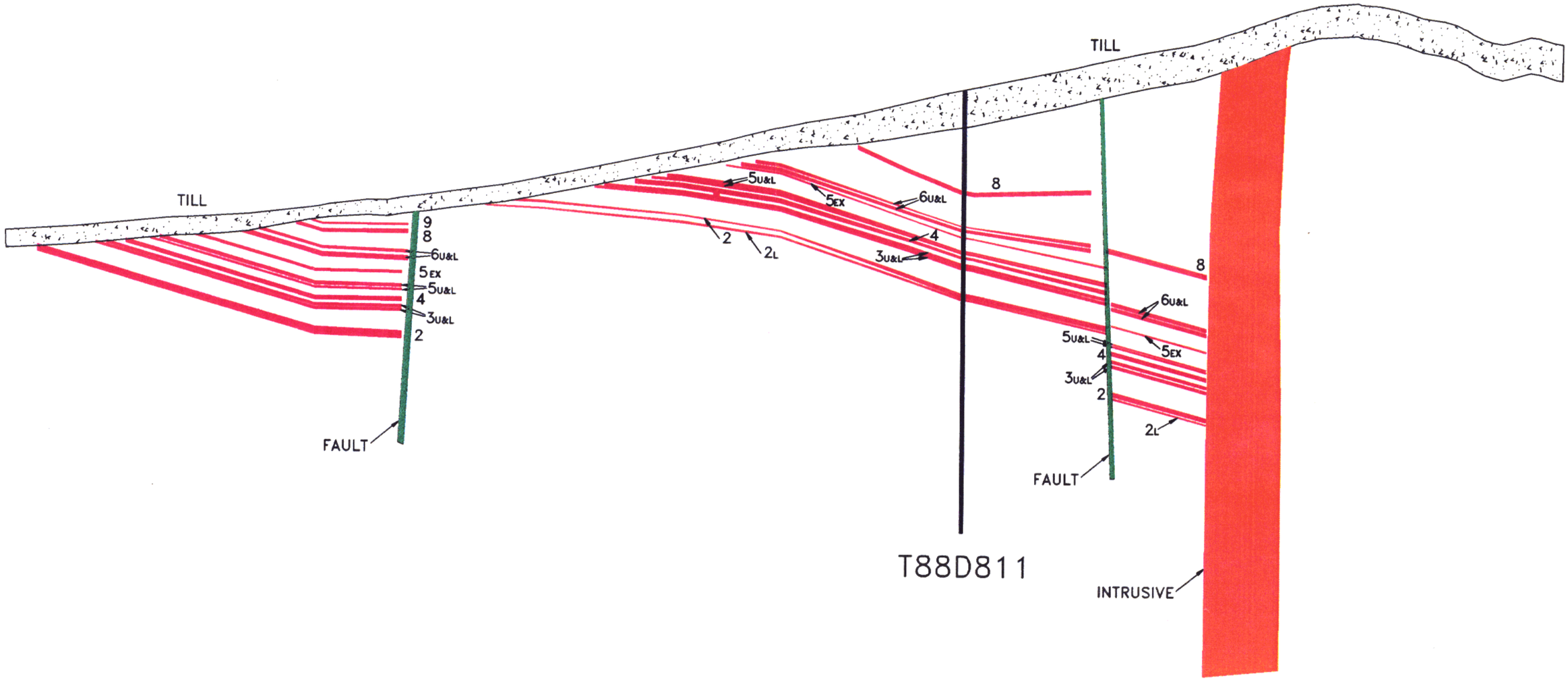


manalta coal ltd.

TELKWA

CROSS SECTION C–C'
PIT 8 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42057



T88D811

0 100 200

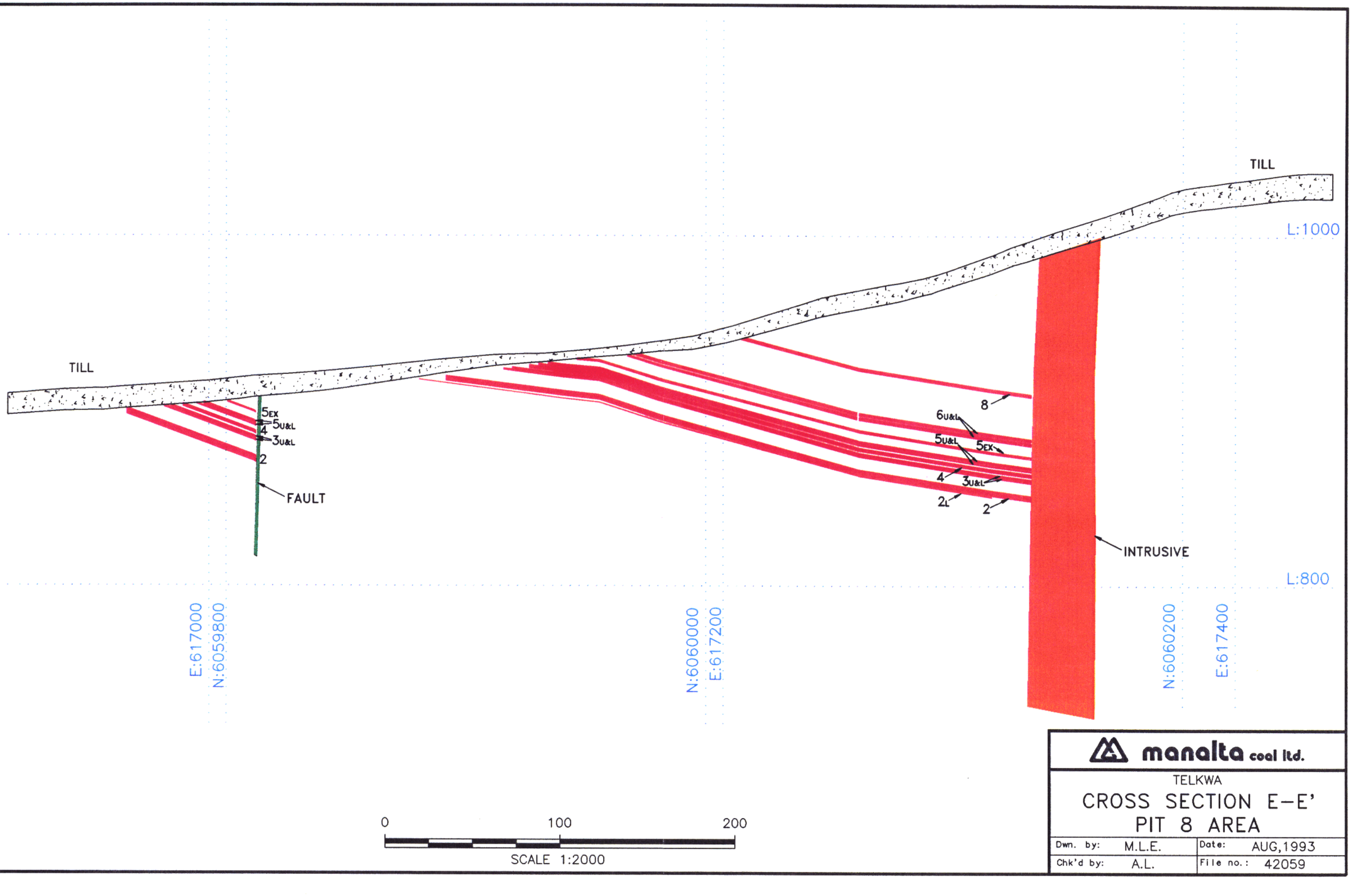
SCALE 1:2000

manalta coal ltd.

TELKWA

CROSS SECTION D–D'
PIT 8 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42058

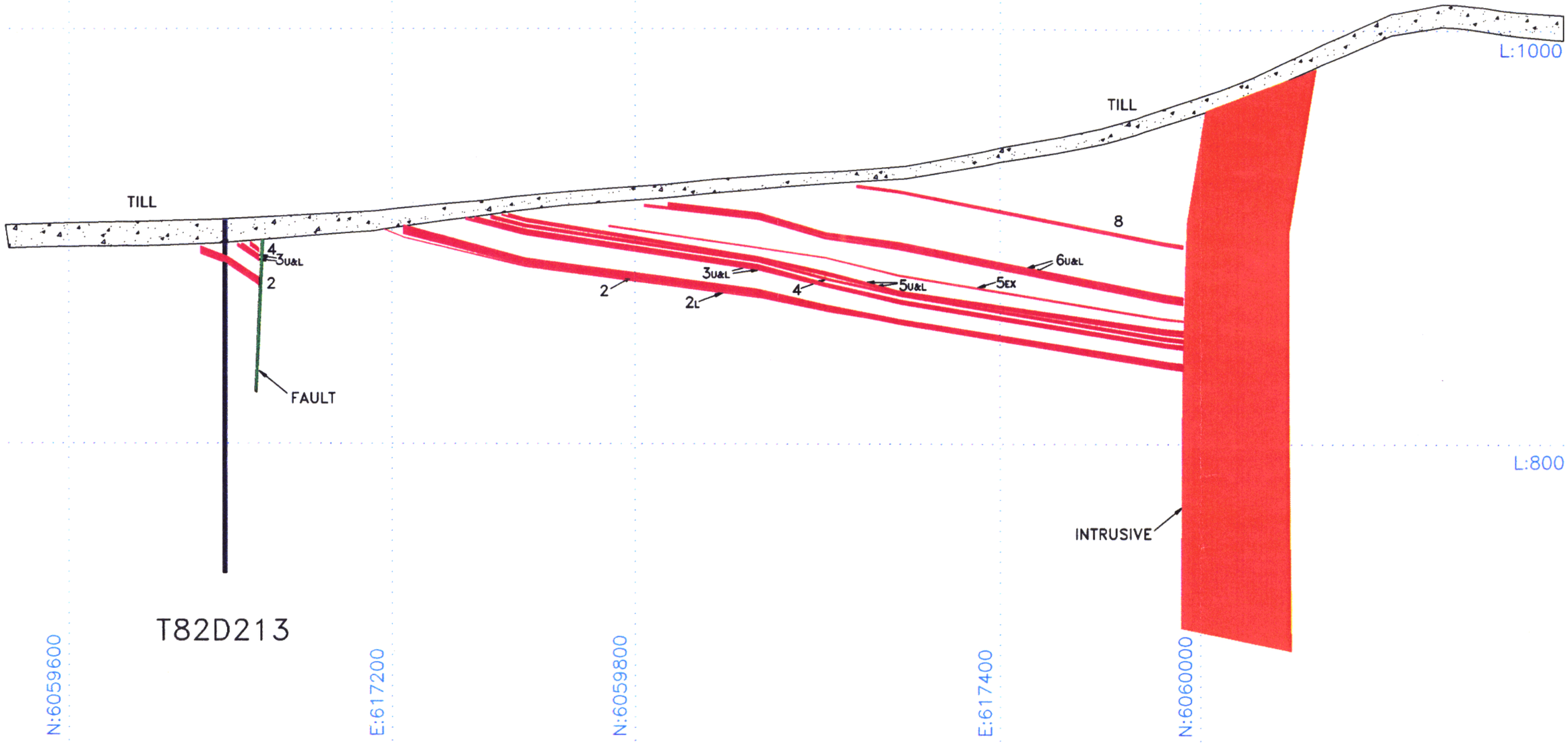


manalta coal ltd.

TELKWA

CROSS SECTION E–E'
PIT 8 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42059



0 100 200

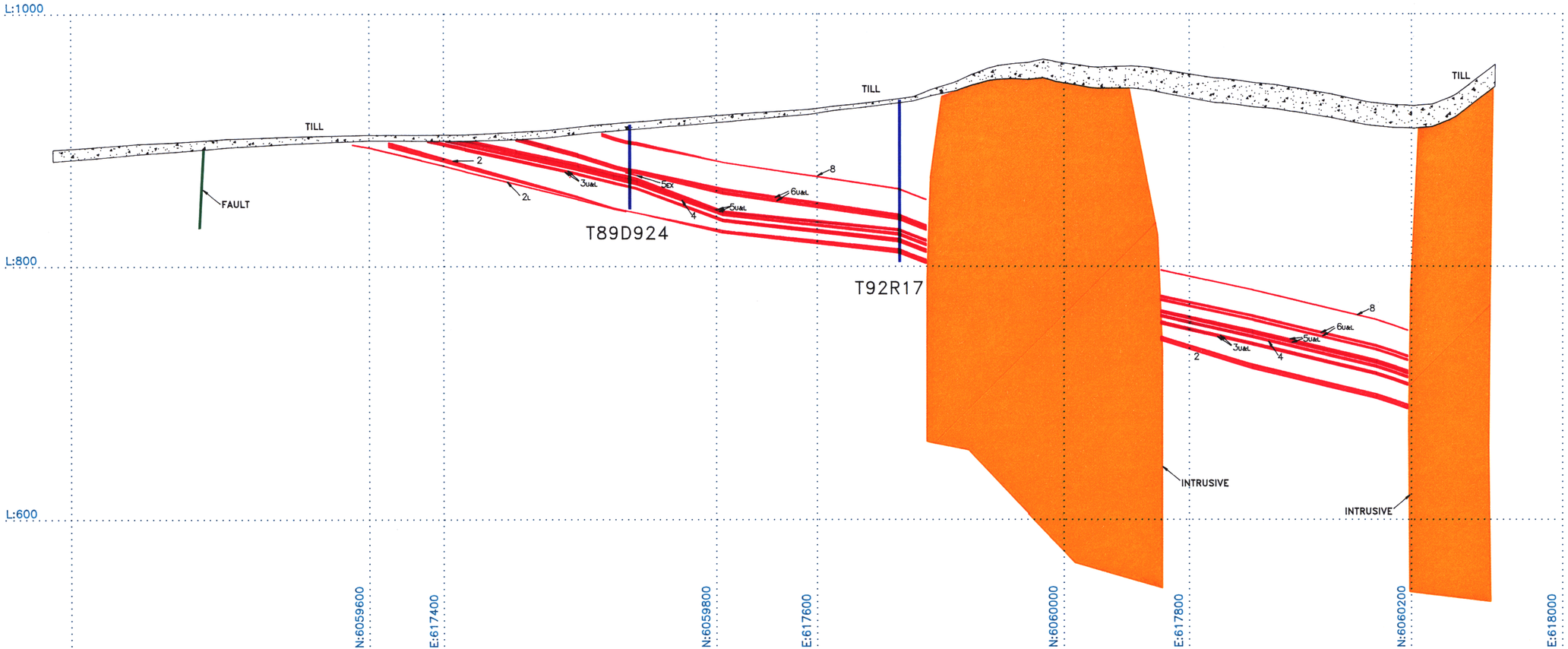
SCALE 1:2000

manalta coal ltd.

TELKWA

CROSS SECTION F–F'
PIT 8 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42060



0 100 200

SCALE 1:2000

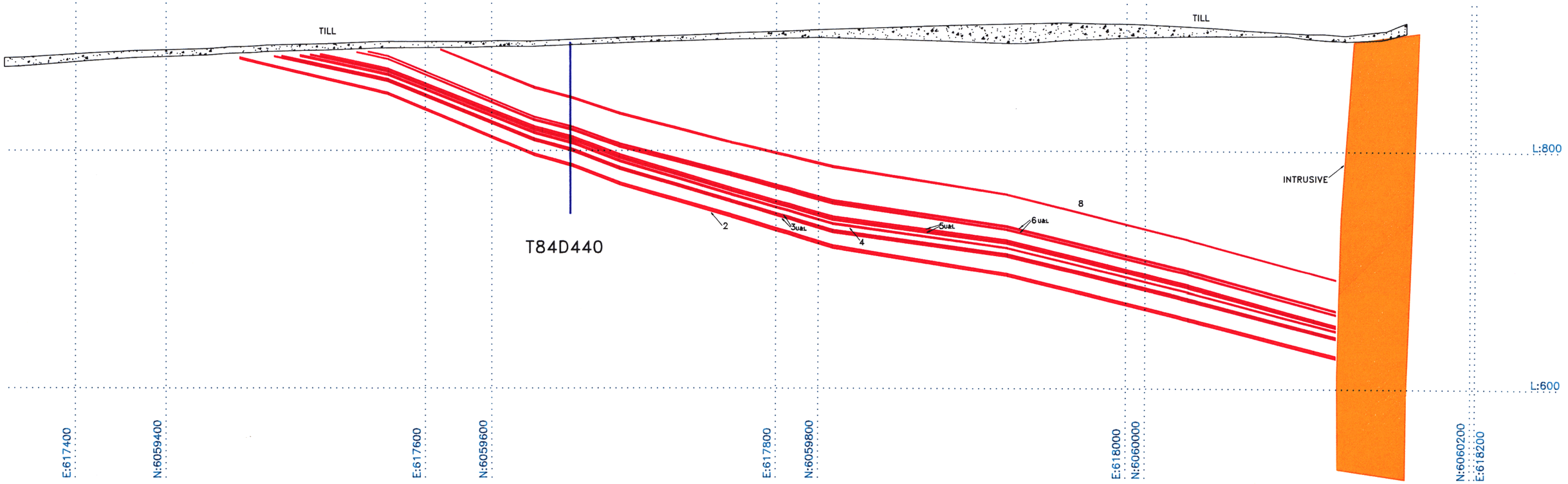
manalta coal ltd.

TELKWA

CROSS SECTION G–G'

PIT 8 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42061



0 100 200

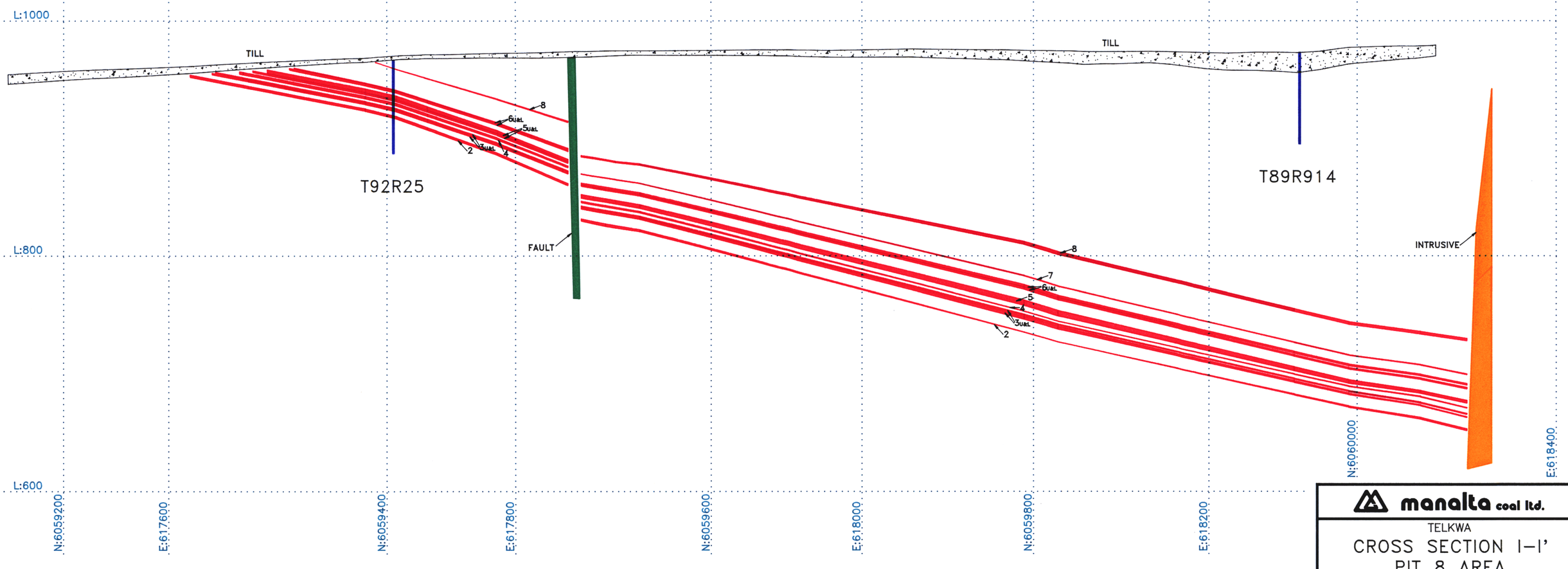
SCALE 1:2000

manalta coal ltd.

TELKWA

CROSS SECTION H–H'
PIT 8 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42062

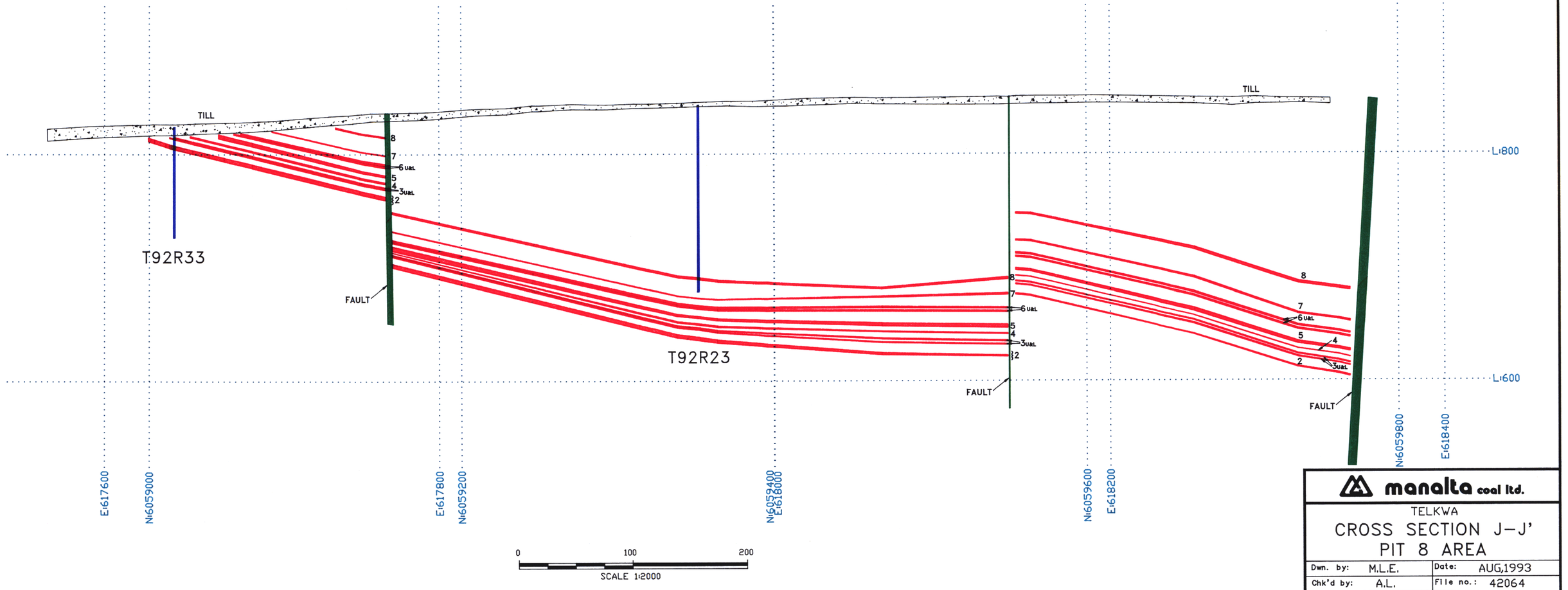


manalta coal ltd.

TELKWA

CROSS SECTION I–I'
PIT 8 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42063



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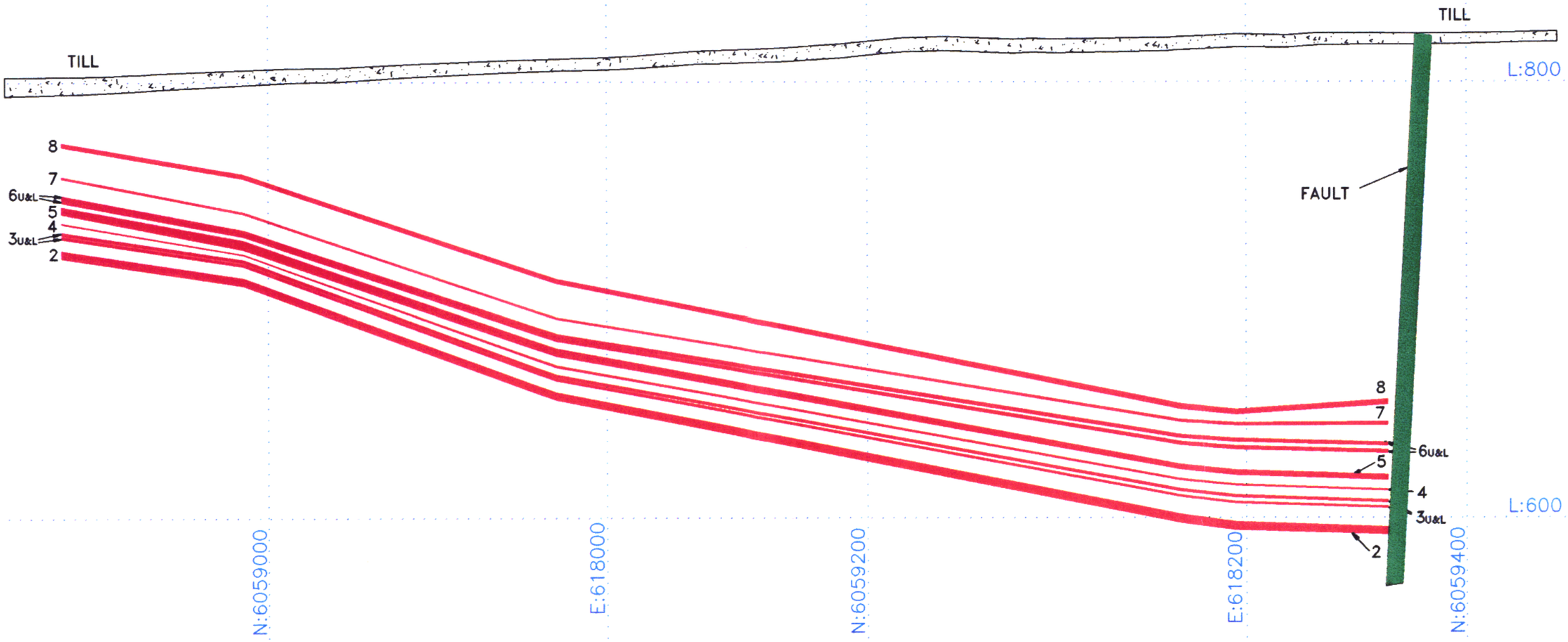
TELKWA

CROSS SECTION J–J'

PIT 8 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42064



0 100 200

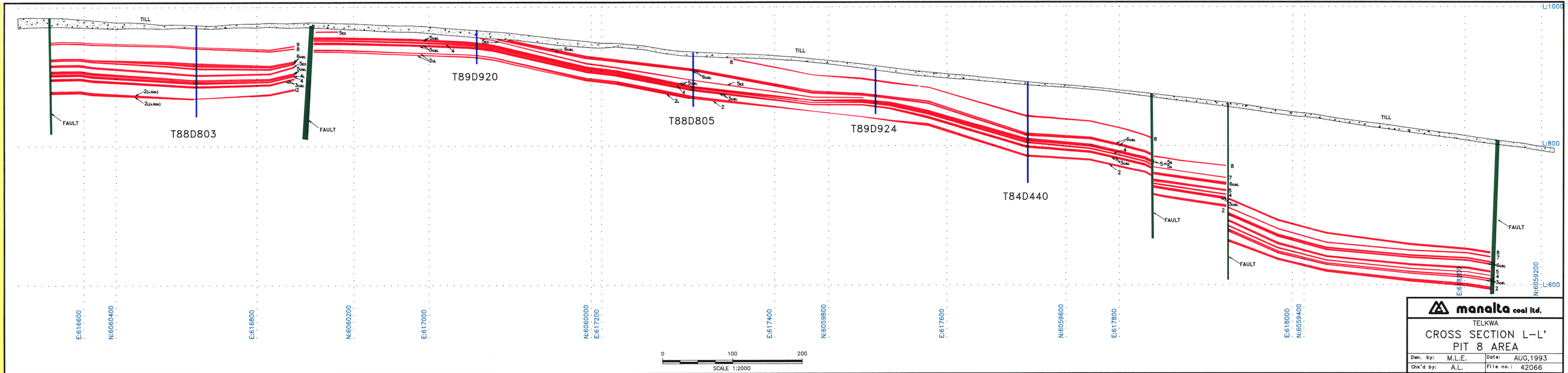
SCALE 1:2000

manalta coal ltd.

TELKWA

CROSS SECTION K–K'
PIT 8 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42065



manalta coal ltd.

TELKWA

CROSS SECTION L–L'
PIT 8 AREA

Dwn. by:	M.L.E.	Date:	AUG,1993
Chk'd by:	A.L.	File no.:	42066

127°12'30" 127°12'00" 127°11'30"

6 618 600N 617000E

KSR TI

T92D37 T92D36 T92D34 T92D31 T92D26 T92D24 T92D03 T92D01 T92D04 T92R06 T92D02 T92R08 T92R10 T92R11 T92D05 T92D41 T92D21

T88D809 T88D806 T88D813 T88D810 T88D812 T88D803 T88D802 T88D811 T88D804

T89R909 T89R911 T89R912 T89R910 T89D926

A A'

Line #1 South Line #2 South Line #3 South Line #4 South

Pipeline

T82B212

LEGEND:

- GEOLOGICAL CONTACT (APPROXIMATE)
- NORMAL FAULT (TEETH ON DOWNTHROWN SIDE)
- THRUST FAULT (TEETH ON UPTHROWN SIDE)
- TI — TERTIARY INTRUSIVE (GRANODIORITE)
- KSR — SKEENA GROUP (CRETACEOUS) RED ROSE FORMATION – SANDSTONE, SILTSTONE, MUDSTONE & COAL
- SEAM SUBCROP POSITION: APPROXIMATE
- PRESUMED
- DIAMOND DRILL HOLE
- ROTARY DRILL HOLE
- A — A' CROSS SECTION
- 1992 GEOPHYSICAL LINES

E615200 E615400 E615600 E615800 E616000 E616200 E616400 E616600 E616800 E617000

MAP INDEX 93L10/11

A B C

1 2 3

LEGEND

MAIN ROAD		RIVER	
SECONDARY ROAD		INTERMITTENT STREAM	
BRIDGE, CULVERT		LAKE	L
TRACK or TRAIL		SWAMP	
BUILDING		SAND	
POLE, TOWER		SLIDE	
FENCE		TREES	
LOT LINE		PIT	PIT
CUT LINE		DRILL HOLE	
SPOT HEIGHT	602.2	HORIZONTAL CONTROL	
CONTOURS	100 / 50	VERTICAL CONTROL	
		HORIZONTAL VERTICAL CONTROL	
DEPRESSION		NOTE: LOT LINES APPROX. ONLY	

MAP PROJECTION UNIVERSAL TRANSVERSE MERCATOR
CENTRAL MERIDIAN REFERENCE 129 W. UTM ZONE 9

SURVEY NOTE:

Coordinates are on U.T.M. GRID (ZONE 9) and are derived from Government control stations BLITZEN, PADRE, TACK, AMIGO, BULKLEY, CREEK, MUCHO, PABLO, P.CON. 18, POWER.

ELEVATIONS ARE ON GEODETIC DATUM and are derived from 79HA369, 79HA362, 79HA364, 79HA366, 79HA372, 244H and 1852J by reciprocal trigonometric Levelling.

T.N. SCALE 1:2000

METRES 40 20 0 40 80 120 160 200 METRES

SCALE 1:2000

CONTOUR INTERVAL: 2 METRES
DATE OF PHOTOGRAPHY: JULY 25, 1982
PREPARED BY: THE ORTHOSHOP

manalta coal ltd.

TELKWA PROJECT
SMITHERS AREA
WEST CENTRAL B.C.

GEOLOGY MAP NORTHWEST AREA

N.T.S. - 93L U.T.M. ZONE 9

AUTHOR: A.L.	SCALE: 1 : 2000	DRAWN BY:	M.L.E.
DATE: AUG, 1993	REVISED:	DRAWING No:	42045 A
To Accompany			

TELKWA - NORTHWEST AREA
Drill-hole Seam Intersections

Drill-hole	Seam:	2L (m)	2L prtg (m)	2 (m)	2U prtg (m)	2-upr (m)	ibrdn (m)	2/3I ibrd (m)	3-lwr (m)	3 prtg (m)	3-upr (m)	ibrdn (m)	4 (m)	4 prtg (m)	4U (m)	ibrdn (m)	5L (m)	5 prtg (m)	5U (m)	ibrdn (m)	5EX (m)	ibrdn (m)	6L (m)	6 prtg (m)	6U (m)	ibrdn (m)	7 (m)	ibrdn (m)	8 (m)	ibrdn (m)	9 (m)	ibrdn (m)	10 (m)	ibrdn (m)	11 (m)
T92D-01	8			1.82	1.16	0.13	1.79	3.08	0.79	1.59	0.90	5.08	0.48								3.09	5.63	1.52	5.81	0.80										
T92D-26	N/C																																	
T92D-31	8			0.43*				3.48	0.73	0.35	0.60	14.11	0.85	2.52	1.00						2.15	9.00	1.32	3.98	1.46										
T92D-24	10	0.46	2.25	2.83				19.29	1.51	0.36	1.17	4.64	1.01	0.28	1.05						4.55	4.10	0.76	1.84	0.96	5.50	0.64								
T88D-809	8																				4.78	5.83	0.87	0.84	0.91	5.95	0.57	17.26	2.35	1.28	0.17	4.80	1.42	4.43	0.74
T92D-04	11								1.27	0.47	1.15	4.00	0.70	2.94	0.89						4.23	3.84	0.79	1.38	0.75				2.18	0.83	0.39	2.91	1.19	7.18	1.28
T92D-03	9	0.42	1.41	2.06				19.29	1.11	0.98	0.88	5.98	0.64	4.14	0.90						3.77	5.71	0.97	0.94	0.58										
T92D-32	15			2.06				14.29	1.26	0.28	0.95	4.99	0.65	5.98	0.76	3.77	0.42	1.01	0.56	6.82	4.26	4.47	0.86	1.13	0.77	3.99	0.47	17.18	2.06	1.59	0.26	4.29	1.14	4.14	1.07
T92D-34	13	0.20	1.02	0.58				8.97	1.03	1.28	0.96	3.34	0.68	7.06	0.71	2.69	0.60	0.96	0.42	3.22	4.53	5.53	1.04	0.16	0.92	4.59	0.66	18.35	1.90					
T92D-36	10																																	
T92D-37	2	0.30	2.46	1.07																														
T92D-38	2	0.11	0.85	2.61																														
T82R-212	4								0.90	0.14	0.95	11.65	1.09	0.40	0.58																			
T92D-02	4	0.47	0.99	2.79				5.72			1.05	2.40	1.13																					
T88D-806																																		
	Averages:	0.33	1.50	1.98	1.16	0.13	1.79	10.59	1.08	0.68	0.96	6.24	0.80	3.33	0.84	3.23	0.51	0.99	0.49	5.02	3.92	5.51	1.02	2.01	0.89	5.01	0.59	17.60	2.12	1.23	0.27	4.00	1.25	5.25	1.03

where: N/C = No Coal

* = structurally modified; not considered in averages

TELKWA PROJECT - COAL QUALITY SUMMARY

NORTHWEST AREA Composited seams - Raw and Washed results, reported on an A.D. basis

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I
T82R212	?		22.22	22.56	0.34																
	4U		22.85	23.43	0.58																
	4 Prtng		23.43	23.83	0.40																
	4		23.83	24.92	1.09																
	3U		36.57	37.52	0.95																
	3 Prtng		37.52	37.66	0.14																
	3L		37.66	38.56	0.90																
T88D806	?		9.10	9.75	0.65																
T88D809	11		45.60	46.34	0.74																
	10	88	50.77	52.19	1.42	0.79	0.84	16.79	7.76	27.35		64.05		32.25		6.36	2.11	78.03	1.44	1.70	3.0
	9	60	56.95	57.52	0.57	0.86	0.68	34.18	21.40	25.09		52.83		27.25		4.27	2.44	64.23	1.62	1.70	2.5
	8	88	58.44	60.79	2.35	1.39	1.33	18.99	12.01	25.30		61.36		29.68		2.19	0.98	86.10	1.46	1.70	3.0
	?	100	64.70	65.10	0.40	1.10	1.11	44.07	23.39	22.59		52.91		26.57		3.65	2.71	54.38	1.75	1.70	1.0
	7	100	78.05	78.62	0.57	0.92	0.88	24.15	12.46	24.96		61.70		30.48		1.95	1.80	73.94	1.51	1.70	1.5
	6U	88	84.57	85.48	0.91	1.12	1.03	25.97	11.56	25.86		61.55		31.18		3.15	1.69	79.82	1.53	1.70	2.0
	6 Prtng		85.48	86.32	0.84																
	6L	100	86.32	87.19	0.87	0.88	0.82	14.74	8.39	27.19		63.60		31.89		1.43	1.30	88.52	1.42	1.70	3.0
	5ex	90	93.02	97.80	4.78	1.27	1.11	10.16	6.30	26.95		65.64		32.70		0.98	0.84	93.20	1.38	1.70	1.5

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T92D-01	6U	96	53.43	54.23	0.80	0.92	1.88	12.48	9.40							0.63	0.57	93.21	1.40	1.60	
	6 Prtng		54.23	60.04	5.81																
	6L	99	60.04	61.56	1.52	0.80	1.11	15.19	10.21							2.21	1.48	85.77	1.41	1.60	
	5ex	98	67.19	70.28	3.09	0.63	1.81	20.31	11.43	21.14		57.92		27.15		2.51	1.40	78.71	1.47	1.60	
	4	98	86.74	87.22	0.48	1.06	1.08	25.07	13.48							4.31	3.14	74.86	1.52	1.60	
	3U	100	92.30	93.20	0.90	0.60	1.21	21.61	9.88							6.42	2.26	75.34	1.47	1.60	
	3 Prtng		93.20	94.79	1.59																
	3L	84	94.79	95.58	0.79	0.60	1.29	22.23	8.18							1.52	1.23	78.43	1.49	1.60	
	2U	N/A	97.37	97.50	0.13																
	2	97	98.66	100.48	1.82	1.07	1.94	18.68	12.19							2.55	1.45	85.80	1.46	1.60	
T92D-02	FAULT		102.50																		
	4	100	104.95	106.08	1.13	0.76	1.18	47.16	16.43							0.34	0.49	42.21	1.80	1.60	
	3U	100	108.48	109.53	1.05	0.53	1.12	15.92	9.92							2.42	1.40	87.32	1.42	1.60	
	2	100	116.72	119.51	2.79	0.98	1.90	24.00	10.10	23.44	24.94	51.58	63.25	25.65	30.63	0.54	0.46	73.28	1.48	1.60	
	2L	100	120.50	120.97	0.47	1.19	1.34	23.56	14.09		24.94		59.82		29.56	4.15	1.09	80.99	1.51	1.60	
T92D-03	6U	100	75.83	76.41	0.58	0.65	1.58	15.32	11.32							1.66	1.48	85.45	1.43	1.60	
	6 Prtng		76.41	77.35	0.94														2.44	1.60	
	6L	96	77.35	78.32	0.97	0.53		25.97								2.16			1.49	1.60	
	5ex	93	84.03	87.80	3.77	0.63	2.42	12.31	6.93		23.65		67.00		31.59	1.56	0.76	88.81	1.39	1.60	
	4U	100	105.39	106.29	0.90	0.67	1.35	22.97	10.31							3.54	2.17	67.20	1.50	1.60	
	4 Prtng		106.29	110.43	4.14																
	4	100	110.43	111.07	0.64	0.82	1.63	18.54	12.32							3.41	1.39	81.37	1.46	1.60	
	3U	100	117.05	117.93	0.88	0.87	1.59	15.80	8.97							3.03	1.93	85.82	1.43	1.60	
	3 Prtng		117.93	118.91	0.98																
	3L	100	118.91	120.02	1.11	0.62	1.89	17.32	11.54							1.60	0.95	82.99	1.45	1.60	
	2	100	139.31	141.37	2.06	0.64	2.00	12.27	7.52							0.57	0.47	86.49	1.38	1.60	
	2L	100	142.78	143.20	0.42	1.00	1.88	19.05	13.26							2.38	1.43	83.25	1.46	1.60	

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Wshblty (g/cc)	F.S.I.
T92D-04	11	100	94.76	96.04	1.28	0.91	1.76	31.16	12.53	21.36		46.57				0.96	0.89	70.42	1.59	1.60	
	11 partial		95.14	96.04	0.90	0.87	1.74	19.33	13.30							1.17	0.97	83.73	1.47	1.60	
	10	96	103.22	104.41	1.19	0.80	1.37	11.03	7.69	27.25	26.07	60.92	64.87	31.04	31.96	2.67	1.49	92.94	1.35	1.60	
	9	74	107.32	107.71	0.39	0.72		17.09								3.35			1.44	1.60	
	8	93	108.54	110.72	2.18	0.84	2.23	19.73	9.99	24.62		54.81				2.54	1.13	80.44	1.46	1.60	
	?	---	113.38	113.70	0.32																
	6U	81	132.98	133.73	0.75	0.76	1.14	20.11	9.26	23.91	24.35	55.22	65.25	28.16	31.17	2.33	1.85	77.69	1.41	1.60	
	6 Prtng		133.73	135.11	1.38																
	6L	95	135.11	135.90	0.79	0.80	1.30	16.76	8.29							1.17	1.18	84.63	1.44	1.60	
	5ex	96	139.74	143.97	4.23	0.73	2.61	14.28	6.97							1.74	0.91	86.78	1.41	1.60	
	4U	100	161.06	161.95	0.89	0.56	1.46	16.76	10.75							2.06	1.79	79.50	1.44	1.60	
	4 Prtng		161.95	164.89	2.94																
	4	97	164.89	165.59	0.70	0.58	1.39	17.91	16.22							1.10	1.15	88.56	1.45	1.60	
	3U	80	169.23	170.38	1.15	0.57	1.34	16.13	10.15	24.91	24.65	58.39	63.86	29.27	31.23	1.81	1.05	85.41	1.43	1.60	
	3 Prtng		170.38	170.85	0.47														2.51	1.60	
	3L	100	170.85	172.12	1.27	0.74	1.45	23.16	12.33	22.85	23.11	53.25	63.11	26.24	30.08	1.56	0.98	79.24	1.48	1.60	
T92R-06	N/C	No Coal																			

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T92D-24	7	100	30.62	31.26	0.64	0.44	1.19	19.35	11.35		21.35		66.11		30.70	4.78	2.75	77.92	1.43	1.60	
	6U	90	36.76	37.72	0.96	0.48	1.47	15.55	9.43							2.65	2.53	86.82	1.44	1.60	
	6 Prtng		37.72	39.56	1.84																
	6L	100	39.56	40.32	0.76	0.40	1.50	18.39	11.55							1.21	1.21	76.56	1.45	1.60	
	5ex	97	44.42	48.97	4.55	0.48	1.81	10.84	7.31							1.90	0.97	89.05	1.39	1.60	
	4U	100	72.01	73.06	1.05	0.38	1.51	13.43	9.40							2.53	1.42	88.48	1.40	1.60	
	4 Prtng		73.06	73.34	0.28														1.98	1.60	
	4	100	73.34	74.35	1.01	0.71	1.58	11.26	9.20							1.25	1.49	94.97	1.40	1.60	
	4 cmplt				2.34	0.73	1.63	18.95	9.14							2.47	1.18	78.14	1.47	1.60	
	3U	100	78.99	80.16	1.17	0.68	1.20	7.97	7.63							1.25	1.25	97.93	1.37	1.60	
	3 Prtng		80.16	80.52	0.36														2.07	1.60	
	3L	100	80.52	82.03	1.51	0.81	1.50	13.14	10.32							0.97	0.88	91.88	1.40	1.60	
	2	100	101.32	104.15	2.83	0.76	1.59	14.71	9.57	23.69		60.84				0.55	0.49	88.75	1.43	1.60	
	2L	100	106.40	106.86	0.46	0.80	1.34	23.22	15.35		21.91		61.40		28.59	2.12	1.15	70.37	1.50	1.60	
T92D-31	6U	100	29.44	30.90	1.46	0.38	1.47	10.56	8.30	20.84		68.22		31.69		1.04	0.85	95.85	1.38	1.60	
	6 Prtng		30.90	34.88	3.98																
	6L	100	34.88	36.20	1.32	0.37	0.85	11.04	9.01							1.71	1.40	94.06	1.38	1.60	
	?	100	43.55	43.72	0.17	0.56		23.37								2.12					
	5ex	98	45.20	47.35	2.15	0.56	0.99	16.24	10.02							0.79	0.66	87.35	1.43	1.60	
	4U	99	58.49	59.49	1.00	0.57	1.09	12.10	9.11							1.85	1.61	89.38	1.39	1.60	
	4 Prtng		59.49	62.01	2.52																
	4	94	62.01	62.86	0.85	0.56	0.76	15.03	9.88							0.87	1.01	87.96	1.42	1.60	
	3U	80	76.97	77.57	0.60	0.53	0.82	28.96	18.68							1.49	1.05	49.95	1.57	1.60	
	3 Prtng		77.57	77.92	0.35																
	3L	100	77.92	78.65	0.73	0.53	0.95	21.82	16.85							0.78	0.74	64.28	1.50	1.60	
	Fault		81.40	82.13																	
	2 partial	47	82.13	82.56	0.43																

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T92D-32	11	99	46.23	47.30	1.07	0.75	2.37	13.43	9.32	23.35	22.59	62.47	65.72	29.99	30.89	0.95	0.65	90.65	1.36	1.60	
	10	89	51.44	52.58	1.14	0.76	1.48	13.50	9.92							2.89	1.79	92.59	1.44	1.60	
	9	100	56.87	57.13	0.26	0.99	1.14	36.27	16.07		24.27		58.52		29.45	5.72	4.07	55.54	1.67	1.60	
	8	93	58.72	60.78	2.06	0.80	1.75	15.86	9.27	23.71	25.38	59.63	63.60	29.27	30.96	1.80	1.20	86.95	1.42	1.60	
	?		65.46	65.55	0.09																
	7	100	77.96	78.43	0.47	1.02	1.45	16.06	10.55							3.02	1.93	84.44	1.43	1.60	
	6U	87	82.42	83.19	0.77	1.01	2.50	18.53	8.57							4.47	1.71	80.31	1.46	1.60	
	6 Prtng		83.19	84.32	1.13																
	6L	100	84.32	85.18	0.86	0.72	1.84	16.57	8.73		25.74		63.69		31.54	1.20	0.98	86.47	1.44	1.60	
	5ex	99	89.65	93.91	4.26	0.73	4.56	12.76	7.01							0.91	0.58	89.24	1.40	1.60	
	?	100	94.56	94.78	0.22	0.73		25.49								0.50					
	?	100	96.11	96.36	0.25	0.59		33.44								1.22					
	5U	---	100.73	101.29	0.56																
	5 Prtng		101.29	102.30	1.01																
	5L	79	102.30	102.72	0.42	0.73	1.49	32.87	24.83							2.29	1.27	67.05	1.61	1.60	
	4U	95	106.49	107.25	0.76	0.62	1.81	17.79	10.58	24.13	24.51	57.46	63.10	28.64	30.74	3.98	2.16	75.36	1.47	1.60	
	4 Prtng		107.25	113.23	5.98																
	4	100	113.23	113.88	0.65	0.55	1.53	22.30	14.14	25.94	23.03	51.21	61.30	26.13	29.66	2.03	1.50	76.29	1.50	1.60	
	3U	92	118.87	119.82	0.95	0.58	2.09	13.94	9.66							2.33	1.17	88.96	1.41	1.60	
	3 Prtng		119.82	120.10	0.28																
	3L	89	120.10	121.36	1.26	0.47	1.83	16.81	11.09							1.45	0.78	83.17	1.44	1.60	
	3				2.49	0.71	2.21	26.97	10.71		23.44		63.64		30.31	1.75	0.89	69.90	1.58	1.60	
	2	93	135.65	137.71	2.06	0.66	2.07	14.09	10.78							0.49	0.46	87.91	1.41	1.60	

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T92D-34	8	37	20.92	22.82	1.90	0.79	1.87	17.95	10.64							0.86	0.79	86.23	1.47	1.60	
	7	100	41.17	41.83	0.66	0.54	1.52	21.44	10.42		23.45		64.61		30.91	4.89	2.06	72.17	1.48	1.60	
	6U	97	46.42	47.34	0.92	0.71	1.78	13.82	8.76							3.68	2.29	84.51	1.42	1.60	
	6 Prtng		47.34	47.50	0.16														2.37	1.60	
	6L	85	47.50	48.54	1.04	0.58	1.46	20.96	10.05							1.03	1.18	80.39	1.48	1.60	
	6				2.12	0.73	1.63	24.40	9.08							2.26	1.52	72.58	1.52	1.60	
	5ex	85	54.07	58.60	4.53	0.68	2.02	12.75	6.75	23.45	23.54	63.12	67.69	30.16	31.88	0.94	0.79	90.57	1.35	1.60	
	?	53	59.02	59.45	0.43																
	5U	79	61.82	62.24	0.42	0.90	1.44	31.55	19.31		23.26		55.99		27.85	1.36	1.56	53.42	1.55	1.60	
	5 Prtng		62.24	63.20	0.96																
	5L	83	63.20	63.80	0.60	0.82	1.74	32.40	20.69		23.75		53.82		26.92	1.03	1.36	48.18	1.54	1.60	
	4U	93	66.49	67.20	0.71	0.83	3.60	16.72	11.15							2.51	1.98	86.24	1.45	1.60	
	4 Prtng		67.20	74.26	7.06																
	4	72	74.26	74.94	0.68	0.78	1.44	22.58	15.82							3.24	2.57	75.28	1.51	1.60	
	3U	81	78.28	79.24	0.96	0.71	1.44	18.51	9.03							2.11	1.41	80.63	1.49	1.60	
	3 Prtng		79.24	79.52	0.28														2.58	1.60	
	3L	78	79.52	80.55	1.03	0.99	1.74	13.50	12.01							2.92	0.89	93.68	1.41	1.60	
	3				2.27	0.86	1.48	27.51	10.93							0.77	0.64	73.38	1.59	1.60	
	2	100	89.52	90.10	0.58	0.82	1.38	26.77	15.03							0.41	0.41	73.25	1.54	1.60	
	2L	—	90.92	91.12	0.20																
T92D-36	?	85	30.49	33.40	2.91	0.71	2.66	14.63	9.53							1.38	0.92	91.36	1.42	1.60	
	?	84	34.86	35.17	0.31	0.62		33.75								4.43			1.62	1.60	
	?	—	49.71	49.78	0.07																
	?	—	50.48	50.80	0.32																
	?	83	51.87	54.99	3.12	0.80	1.57	24.70	8.95							0.56	0.47	73.45	1.51	1.60	

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	Clean (%)	ASH Raw (%)	Clean (%)	VOLATILE MATTER Raw (%)	Clean (%)	FIXED CARBON Raw (%)	Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	Clean (MJ/kg)	SULPHUR Raw (%)	Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	Washbity (g/cc)	F.S.I
T92D-37	2	83	14.93	16.00	1.07	0.70		15.69								0.51			1.43		
	2L	100	18.46	18.76	0.30	0.47		22.26								2.59			1.49		
	?	—	23.68	23.85	0.17																
T92D-38	2	86	13.48	16.09	2.61	0.74	1.08	12.76	9.14	24.69		65.09		31.34		0.53	0.52	90.90	1.41	1.60	
	2L	—	16.94	17.05	0.11																

TELKWA PROJECT - COAL QUALITY SUMMARY

NORTHWEST AREA

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	Undet.
T82R212	?																					
	4U																					
	4 Prtng																					
	4																					
	3U																					
	3 Prtng																					
	3L																					
T88D806	?																					
T88D809	11																					
	10																					
	9																					
	8																					
	?																					
	7																					
	6U																					
	6 Prtng																					
	6L																					
	5ex																					

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I.	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	Undet.
T92D-01	6U																					
	6 Prtng																					
	6L																					
	5ex																					
	4																					
	3U																					
	3 Prtng																					
	3L																					
	2U																					
	2																					
T92D-02	FAULT																					
	4																					
	3U																					
	2	3.9		0.09	0.14	0.20	0.10	0.33	0.16	0.01	0.29											
	2L			0.01	0.08				0.53	0.05	0.51											
T92D-03	6U																					
	6 Prtng																					
	6L																					
	5ex			0.11	0.08				0.21	0.02	0.53	55.22	26.27	0.93	3.47	7.14	0.88	0.74	0.24	3.14	3.05	1.92
	4U																					
	4 Prtng																					
	4																					
	3U																					
	3 Prtng																					
	3L																					
	2																					
	2L																					

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I.	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	Undet.
T92D-04	11																					
	11 partial																					
	10	3.0		0.18	0.05	2.04	0.03	0.60	0.68	0.03	0.78	46.90	21.36	1.50	14.58	6.48	0.38	0.61	0.17	4.99	1.34	1.69
	9																					
	8																					
	?																					
	6U	4.1		0.22		1.78	0.04	0.51	1.00	0.07	0.78											
	6 Prtng																					
	6L				0.06																	
	5ex																					
	4U																					
	4 Prtng																					
	4																					
	3U	3.1		0.14	0.01	1.15	0.02	0.64	0.43	0.03	0.59											
	3 Prtng																					
	3L	3.7		0.04	0.16	1.01	0.01	0.54	0.41	0.04	0.53											
T92R-06	N/C																					

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I.	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	Undet.
T92D-24	7			0.13	0.29				1.54	0.10	1.11											
	6U																					
	6 Prtng																					
	6L																					
	5ex																					
	4U																					
	4 Prtng																					
	4																					
	4 cmplt																					
	3U																					
	3 Prtng																					
	3L																					
	2																					
	2L			0.01	0.58				0.77	0.05	0.33	53.72	14.22	1.32	9.94	10.70	1.62	0.51	0.17	0.01	6.17	1.62
T92D-31	6U																					
	6 Prtng																					
	6L																					
	?																					
	5ex																					
	4U																					
	4 Prtng																					
	4																					
	3U																					
	3 Prtng																					
	3L																					
	Fault																					
	2 partial																					

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I.	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	Undet.
T92D-32	11	3.6		0.07	0.22	0.42	0.01	0.52	0.28	0.02	0.35	66.60	20.60	1.36	3.83	2.74	0.35	0.63	0.33	1.82	0.37	1.37
	10																					
	9			0.21	0.10				3.68	0.07	0.32											
	8	3.9		0.03	0.15	1.13	0.01	0.66	0.55	0.03	0.62											
	?																					
	7																					
	6U																					
	6 Prtng																					
	6L			0.03	0.11				0.38	0.03	0.57											
	5ex																					
	?																					
	?																					
	5U																					
	5 Prtng																					
	5L																					
	4U	4.1		0.13	0.10	3.29	0.08	0.61	1.43	0.10	0.63	53.84	12.60	0.93	19.87	4.87	0.91	0.47	0.14	2.73	2.44	1.20
	4 Prtng																					
	4	3.4		0.08	0.06	2.03	0.03	0.56	0.91	0.09	0.51											
	3U																					
	3 Prtng																					
	3L																					
	3			0.12	0.07				0.34	0.04	0.51	56.54	16.81	1.04	5.36	10.00	1.34	0.65	0.17	2.56	3.98	1.33
	2																					

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I.	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	Undet.
T92D-34	8																					
	7			0.14	0.19				1.30	0.05	0.71	50.08	20.80	0.46	18.02	4.11	0.41	0.58	0.24	3.03	0.62	1.65
	6U																					
	6 Prtng																					
	6L																					
	6																					
	5ex	3.7		0.05	0.03	0.24	trace	0.70	0.20	0.02	0.57											
	?																					
	5U			0.01	0.11				0.70	0.01	0.95											
	5 Prtng																					
	5L			0.01	0.21				0.41	0.02	0.93	57.94	33.11	1.42	3.89	0.69	0.60	0.74	0.49	0.02	0.21	0.89
	4U																					
	4 Prtng																					
	4																					
	3U																					
	3 Prtng																					
	3L																					
	3																					
	2																					
	2L																					
T92D-36	?																					
	?																					
	?																					
	?																					
	?																					

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I.	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	Undet.
T92D-37	2 2L ?																					
T92D-38	2 2L			0.10	0.26				0.15	0.02	0.35											

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS (%) %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH (Temp. C) OXIDIZING Init.	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
T82R212	?															
	4U															
	4 Prtng															
	4															
	3U															
	3 Prtng															
	3L															
T88D806	?															
T88D809	11															
	10															
	9															
	8															
	?															
	7															
	6U															
	6 Prtng															
	6L															
	5ex															

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS (%) %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH (Temp. C) OXIDIZING Init.	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
T92D-01	6U															
	6 Prtng															
	6L															
	5ex															
	4															
	3U															
	3 Prtng															
	3L															
	2U															
	2															
T92D-02	FAULT															
	4															
	3U															
	2															
	2L															
T92D-03	6U															
	6 Prtng															
	6L															
	5ex	2.93	77.81	2.42	0.86	6.85	0.76	8.37	1297	1313	1331	1342	1263	1279	1289	1373
	4U															
	4 Prtng															
	4															
	3U															
	3 Prtng															
	3L															
	2															
	2L															

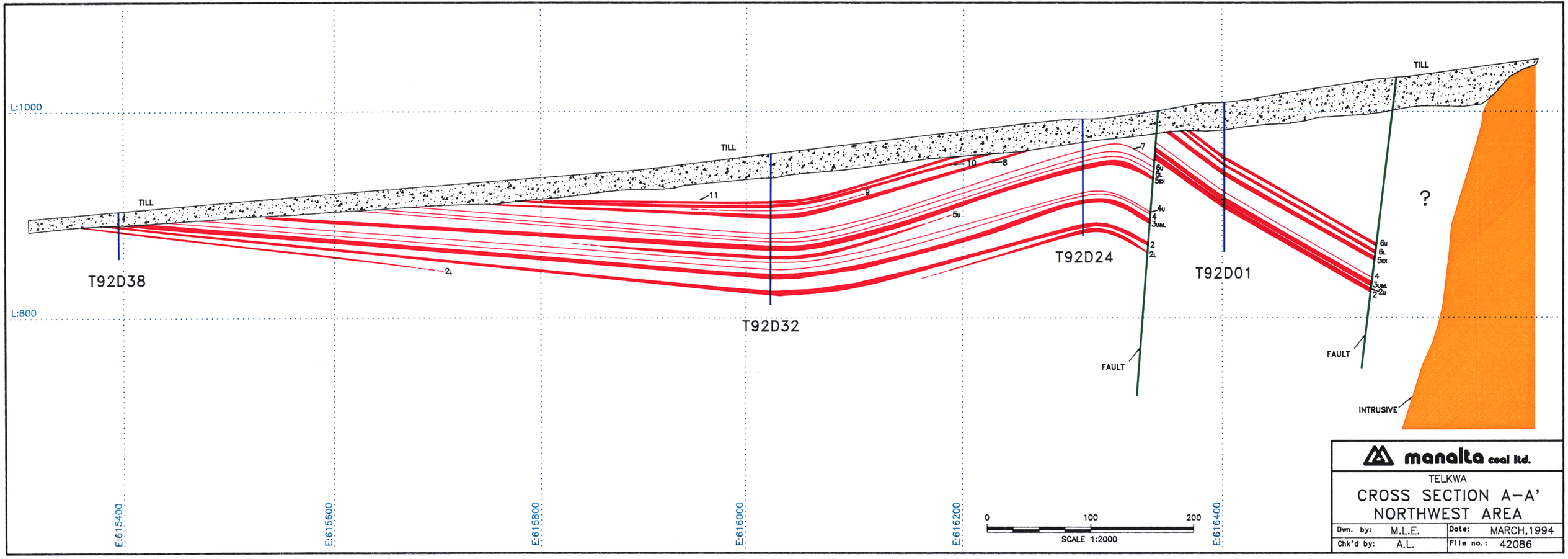
DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS (%) %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH (Temp. C) OXIDIZING Init.	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
T92D-04	11															
	11 partial															
	10	1.37	78.06	4.80	0.91	7.65	1.49	5.72								
	9															
	8															
	7															
	6U															
	6 Prtng															
	6L															
	5ex															
	4U															
	4 Prtng															
	4															
	3U															
	3 Prtng															
	3L															
T92R-06	N/C															

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH OXIDIZING Init. (Temp. C)	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
				(%)												
T92D-24	7															
	6U															
	6 Prtng															
	6L															
	5ex															
	4U															
	4 Prtng															
	4															
	4 cmplt															
	3U															
	3 Prtng															
	3L															
	2															
	2L	1.36	71.25	3.74	0.87	15.53	1.15	6.10								
T92D-31	6U															
	6 Prtng															
	6L															
	?															
	5ex															
	4U															
	4 Prtng															
	4															
	3U															
	3 Prtng															
	3L															
	Fault															
	2 partial															

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH OXIDIZING Init. (Temp. C)	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
					(%)											
T92D-32	11	2.48	76.48	4.07	1.04	9.23	0.65	6.05	1363	1405	1423	1463	1342	1389	1408	1455
	10															
	9															
	8															
	?															
	7															
	6U															
	6 Prtng															
	6L															
	5ex															
	?															
	?															
	5U															
	5 Prtng															
	5L															
	4U	1.93	75.37	3.62	1.09	10.65	2.16	5.18								
	4 Prtng															
	4															
	3U															
	3 Prtng															
	3L															
	3	2.40	75.26	2.38	0.98	10.75	0.89	7.34								
	2															

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH OXIDIZING Init.	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
				(%)					(Temp. C)							
T92D-34	8															
	7	1.76	73.80	4.47	1.06	10.48	2.06	6.37								
	6U															
	6 Prtng															
	6L															
	6															
	5ex															
	?															
	5U															
	5 Prtng															
	5L	1.88	65.06	4.04	1.01	20.71	1.36	5.94								
	4U															
	4 Prtng															
	4															
	3U															
	3 Prtng															
	3L															
	3															
	2															
	2L															
T92D-36	?															
	?															
	?															
	?															
	?															

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS (%) %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH (Temp. C) OXIDIZING Init.	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
T92D-37	2															
	2L															
	?															
T92D-38	2															
	2L															



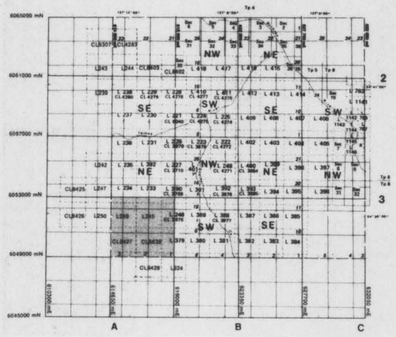
manalta coal ltd.

TELKWA

CROSS SECTION A–A'
NORTHWEST AREA

Dwn. by:	M.L.E.	Date:	MARCH, 1994
Chk'd by:	A.L.	File no.:	42086

MAP INDEX 93L



LEGEND

MAIN ROAD
SECONDARY ROAD
BRIDGE
TRAIL
BUILDING
POLE
FENCE
SPOT HEIGHT
RIVER
STREAM
LAKE
SWAMP
SAND
TREES
CONTOURS
INDEX
INTERMEDIATE

MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR
CENTRAL MERIDIAN REFERENCE 129° W. UTM ZONE 9

SURVEY NOTE:
Coordinates are on U.T.M Grid (zone 9) and are dereved from Government control stations Blitzen, Padre and Tack. Elevations are on Geodetic Datum and are derived from BM79HA369 = 538.922 metres via reciprocal trigonometric levelling. Addition 1992 Survey Control by Watson & Barnard, Debruyne Surveys

METRES 100 0 100 200 300 400 500 METRES

SCALE 1:5000

CONTOUR INTERVAL: 5 METRES

DATE OF PHOTOGRAPHY: 1983, 1992

LEGEND:

GEOLOGICAL CONTACT (APPROXIMATE)
NORMAL FAULT (TEETH ON DOWNTHROWN SIDE)
THRUST FAULT (TEETH ON UPTHROWN SIDE)
J_{H_V} HAZELTON VOLCANICS
K_{S_R} SKEENA GROUP (CRETACEOUS) RED ROSE FORMATION –SANDSTONE, SILTSTONE, MUDSTONE & COAL
SEAM SUBCROP POSITION:
APPROXIMATE
PRESUMED
ROTARY DRILL HOLE

manalta coal ltd.

WEST CENTRAL B.C.
SMITHERS AREA

GEOLOGY MAP
TENAS CREEK AREA

AUTHOR: A.L.	SCALE: 1:5000	DRAWN BY: M.L.E.
DATE: AUG, 1993	REVISED:	DRAWING No: 42033 A
To Accompany		

TELKWA - TENAS CREEK / CABINET CREEK
Drill-hole Seam Intersections

		Seam:	----- 1 Seam -----										
			e (m)	d (m)	c (m)	b (m)	1U (m)	Ibdn (m)	1 (m)	Ibdn (m)	1La (m)	1Lb (m)	? (m)
	Drill-hole:												
Tenas Creek:	T81R-108	No Coal											
	T92R-39C						1.74	2.47	4.35	0.45	0.28		
	T92R-40						0.60	3.72	4.16	0.23	0.31	0.05	
	T92R-42	No Coal											
	T92R-43		0.41	0.51	0.47	0.43	2.04	0.03	3.73	2.18	0.44		0.41
Cabinet Creek:	T82R-203								3.30				
	T82R-205						2.05	0.12	1.03	4.65	0.63		
	T82R-206						1.69	0.11	2.01				
	T82R-207						1.78	0.17	1.75				
		Averages:	**0.41**	**0.51**	**0.47**	**0.43**	**1.65**	**1.10**	**2.90**	**1.88**	**0.42**	**0.05**	**0.41**

TELKWA PROJECT - COAL QUALITY SUMMARY

TENAS CREEK

Composited seams - Raw and Washed results, reported on an A.D. basis

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	RESIDUAL MOISTURE Clean (%)	ASH Raw (%)	ASH Clean (%)	VOLATILE MATTER Raw (%)	VOLATILE MATTER Clean (%)	FIXED CARBON Raw (%)	FIXED CARBON Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	CALORIFIC VALUE Clean (MJ/kg)	SULPHUR Raw (%)	SULPHUR Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	SPECIFIC GRAVITY Washbity (g/cc)	F.S.I.
T92R-39C	1U	—	2.47	4.21	1.74																
	Prtng		4.21	6.68	2.47																
	1	93	6.68	11.03	4.35	1.17	0.76	15.84	9.61	24.04	24.18	58.95	65.45	28.62	30.71	0.62	0.61	82.79		1.43	1.0
				metres; coal only	6.09																
				metres; coal and rock	8.56																
	ibdn		11.03	11.48	0.45	0.70		62.51								0.68					
	1La	79	11.48	11.76	0.28	0.97		37.13								1.95					
T92R-40	1U?	N/A	22.79	23.39	0.60																
	1 Prtng		23.39	27.11	3.72																
	1		27.11	31.27	4.16																
				metres; coal only	4.76																
				metres; coal and rock	8.48																
	ibdn		31.27	31.50	0.23																
	1La	N/A	31.50	31.81	0.31																
	1L Prtng		31.81	32.85	1.04																
	1Lb		32.85	32.90	0.05																
T92R-42	No Coal																				

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	RESIDUAL MOISTURE Clean (%)	ASH Raw (%)	ASH Clean (%)	VOLATILE MATTER Raw (%)	VOLATILE MATTER Clean (%)	FIXED CARBON Raw (%)	FIXED CARBON Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	CALORIFIC VALUE Clean (MJ/kg)	SULPHUR Raw (%)	SULPHUR Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	SPECIFIC GRAVITY Washbity (g/cc)	F.S.I.
T92R-43	e	N/A	26.81	27.22	0.41																
	d	N/A	30.10	30.61	0.51																
	c	N/A	33.59	34.06	0.47																
	b	N/A	38.79	39.22	0.43																
	1U	N/A	42.89	44.93	2.04																
	Prtng		44.93	44.96	0.03																
	1		44.96	48.69	3.73																
				metres; coal only	5.77																
				metres; coal and rock (minable)	5.80																
	ibdn		48.69	50.87	2.18																
	1La	N/A	50.87	51.31	0.44																
	1L d U/L	N/A	61.86	63.20	1.34																
	1L e	N/A	67.57	67.98	0.41																
T82R-203			9.46	9.92	0.46																
			11.90	12.60	0.70																
			12.85	13.68	0.83																
	1		75.50	78.80	3.30																

DRILL-HOLE #	SEAM	SEAM REC'VRY (%)	DRILLED SEAM INT'RVL From (m)	To (m)	SEAM THICKN'S (m)	RESIDUAL MOISTURE Raw (%)	RESIDUAL MOISTURE Clean (%)	ASH Raw (%)	ASH Clean (%)	VOLATILE MATTER Raw (%)	VOLATILE MATTER Clean (%)	FIXED CARBON Raw (%)	FIXED CARBON Clean (%)	CALORIFIC VALUE Raw (MJ/kg)	CALORIFIC VALUE Clean (MJ/kg)	SULPHUR Raw (%)	SULPHUR Clean (%)	YIELD (%)	SPECIFIC GRAVITY Raw (g/cc)	SPECIFIC GRAVITY Washbilty (g/cc)	F.S.I
T82R-205	1U		136.33	138.38	2.05																
	1 Prtng		138.38	138.50	0.12																
	1		138.50	139.53	1.03																
					3.20																
	1L		144.18	144.81	0.63																
T82R-206	?		13.95	14.25	0.30																
	?		24.41	25.09	0.68																
	?		26.72	27.96	1.24																
	?		51.58	52.77	1.19																
	?		54.83	55.75	0.92																
	?		76.37	77.24	0.87																
	1U		189.90	191.59	1.69																
	1 Prtng		191.59	191.70	0.11																
	1		191.70	193.71	2.01																
					3.81																
T82R-207	1U		138.08	139.86	1.78																
	1 Prtng		139.86	140.03	0.17																
	1		140.03	141.78	1.75																
					3.70																
T81R-108	No Coal																				

TELKWA PROJECT - COAL QUALITY SUMMARY

TENAS CREEK

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I.	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	%Undet
T92R-39C	1U Prtng 1		66			0.12	0.01	0.48	0.12	0.03	0.46	54.88	25.90	1.89	2.88	5.72	0.81	0.15	0.37	0.78	4.62	2.00
	ibdn					0.32	0.02	0.34														
	1La					1.12	0.01	0.82														
T92R-40	1U? 1 Prtng 1																					
	ibdn																					
	1La																					
	1L Prtng 1Lb																					
T92R-42	#REF!																					

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	%Undet
T92R-43	e																					
	d																					
	c																					
	b																					
	1U																					
	Prtng																					
	1																					
	ibdn																					
	1La																					
	1L d U/L																					
	1L e																					
T82R-203																						
	1																					

DRILL-HOLE #	SEAM	EQM MOIST'R (%)	H.G.I.	P (%)	CL (%)	RAW SULFUR FORMS % A.D. Pyritic	RAW SULFUR FORMS % A.D. Sulfate	RAW SULFUR FORMS % A.D. Organic	WASHED SULFUR FORMS % A.D. Pyritic	WASHED SULFUR FORMS % A.D. Sulfate	WASHED SULFUR FORMS % A.D. Organic	MINERAL ANALYSIS OF ASH (%) SiO2	Al2O3	TiO2	Fe2O3	CaO	MgO	Na2O	K2O	P2O5	SO3	%Undet
T82R-205	1U																					
	1 Prtng																					
	1																					
	1L																					
T82R-206	?																					
	?																					
	?																					
	?																					
	?																					
	?																					
	1U																					
	1 Prtng																					
	1																					
T82R-207	1U																					
	1 Prtng																					
	1																					
T81R-108	No Coal																					

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH OXIDIZING Init.	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
				(%)					(Temp. C)							
T92R-39C	1U															
	Prtng															
	1	1.17	71.06	4.33	0.82	15.84	0.62	6.16	+1435	+1435	+1435	+1435	+1435	+1435	+1435	+1435
	ibdn															
	1La															
T92R-40	1U?															
	1 Prtng															
	1															
	ibdn															
	1La															
	1L Prtng															
	1Lb															
T92R-42	#REF!															

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH OXIDIZING Init.	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
		(%)							(Temp. C)							
T92R-43	e															
	d															
	c															
	b															
	1U															
	Prtng															
	1															
	ibdn															
	1La															
	1L d U/L															
	1L e															
T82R-203																
	1															

DRILL-HOLE #	SEAM	A.D. ULTIMATE ANALYSIS (%) %H2O	%C	%H	%N	%ASH	%S	%O	FUSION ANALYSIS OF ASH (Temp. C) OXIDIZING Init.	Soft.	Hemis.	Fluid	REDUCING Init.	Soft.	Hemis.	Fluid
T82R-205	1U															
	1 Prtng															
	1															
	1L															
T82R-206	?															
	?															
	?															
	?															
	?															
	?															
	1U															
	1 Prtng															
	1															
T82R-207	1U															
	1 Prtng															
	1															
T81R-108	No Coal															

TELKWA PROJECT

1992 COAL QUALITY - PLY ANALYSIS SUMMARY

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE %		ASH %			TOTAL SULFUR %			SULFUR FORMS % A.D.			SPECIFIC GRAVITY	
							A.R.	A.D.	A.R.	A.D.	D.B.	A.R.	A.D.	D.B.	Pyritic	Sulfate	Organic	(Meas'd)	(Calc'd)
T92D-01	Roof	1	53.18	53.43	0.25	659.3	5.06	1.38				0.65	0.68	0.69					
	6 upper	2&3	53.43	54.23	0.80	1467.1	6.13	0.92	11.82	12.48	12.60	0.60	0.63	0.64					1.40
	Floor	4	54.23	54.50	0.27	No analysis													
	Roof	5	59.79	60.04	0.25	1223.8	4.67	1.32	77.79	80.52	81.60	6.70	6.94	7.03					
	6 lower	6	60.04	60.40	0.36	503.1	8.34	1.22	13.83	14.90	15.08	2.74	2.95	2.99					1.42
	6 lower	7	60.40	61.09	0.69	1280.1	4.85	0.67	11.43	11.93	12.01	2.73	2.85	2.87					1.40
	6 lower	8	61.09	61.56	0.47	802.0	2.43	0.90	16.03	16.28	16.43	0.74	0.75	0.76					1.44
	Floor	9	61.56	61.81	0.25	1084.6	4.95	0.82				0.64	0.67	0.68					
	Roof	10	66.92	67.19	0.27	911.4	3.75	1.47				3.70	3.79	3.85					
	5ex	11	67.19	67.65	0.46	787.4	3.07	0.71	19.61	20.09	20.23	4.44	4.55	4.58					1.47
	5ex prtg	12	67.65	67.85	0.20	379.3	3.87	1.22	59.27	60.91	61.66	6.27	6.44	6.52					2.02
	5ex	13	67.85	69.38	1.53	3150.7	6.23	0.97	12.55	13.25	13.38	1.62	1.71	1.73					1.41
	5ex	14	69.38	70.28	0.90	1613.5	6.08	0.90	15.58	16.44	16.59	0.45	0.47	0.47					1.44
	4 lower	15&16	86.74	87.22	0.48	963.6	4.64	1.06	24.16	25.07	25.34	4.15	4.31	4.36					1.52
	Roof	17	92.21	92.30	0.09	140.1	3.79	1.47		77.00		2.48	2.54	2.58				2.31	2.31
	3 upper	18	92.30	92.41	0.11	92.4	4.84	1.20	28.90	30.01	30.37	4.67	4.85	4.91					1.57
	3 upper	19&20	92.41	92.74	0.33	646.7	4.90	1.10	18.54	19.28	19.49	5.18	5.39	5.45					1.46
	3 upper	21	92.74	93.20	0.46	712.5	7.29	0.92	17.49	18.69	18.86	6.07	6.49	6.55					1.46
	Floor	22	93.20	93.45	0.25	992.8	4.67	1.63	78.48	80.99	82.33	3.26	3.36	3.42					2.47
	Roof	23	94.54	94.79	0.25	NO REJECT	3.24	1.03				6.47	6.62	6.69					
	3 lower	24&25	94.79	95.06	0.27	393.4	4.42	1.20	42.26	43.68	44.21	1.65	1.71	1.73					1.74
	3 lower	26	95.06	95.58	0.52	614.4	5.98	1.09	6.69	7.04	7.12	1.09	1.15	1.16					1.35
	Floor	27	95.58	95.79	0.21	564.2	5.79	1.65				3.68	3.84	3.90					
	Roof	28	98.47	98.66	0.19	547.0	3.78	1.53				4.20	4.30	4.37					
	2	29&30	98.66	100.48	1.82	3656.0	8.64	1.07	17.25	18.68	18.88	2.35	2.55	2.58					1.46
	Floor	31	100.48	100.73	0.25	856.7	7.60	1.31				0.24	0.26	0.26					

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE % A.R.	MOISTURE % A.D.	ASH % A.R.	ASH % A.D.	ASH % D.B.	TOTAL SULFUR % A.R.	TOTAL SULFUR % A.D.	TOTAL SULFUR % D.B.	SULFUR FORMS % A.D. Pyritic	SULFUR FORMS % A.D. Sulfate	SULFUR FORMS % A.D. Organic	SPECIFIC GRAVITY (Meas'd)	SPECIFIC GRAVITY (Calc'd)
T92D-02	Roof	1	104.34	104.95	0.61	1163.1	3.24	0.78	80.47	82.51	83.16	1.25	1.28	1.29				2.30	2.30
	4 lower	2	104.95	105.37	0.42	684.0	6.03	0.55	17.46	18.48	18.58	0.50	0.53	0.53					1.46
	4 lwr bent	3	105.37	105.67	0.30	1143.0	6.85	1.32		80.00		0.06	0.06	0.06					2.44
	4 lower	4&5	105.67	106.08	0.41	790.5	4.72	0.80	36.76	38.27	38.58	0.35	0.36	0.36					1.67
	Floor	6	106.08	106.32	0.24	663.6	10.43	1.56				2.48	2.73	2.77					
	3 upper	7	108.43	108.55	0.12	123.5	2.69	0.95	29.99	30.53	30.82	9.23	9.40	9.49					1.58
	3 upper	8&9	108.55	109.53	0.98	1998.7	5.06	0.92	11.73	12.24	12.35	1.43	1.49	1.50					1.40
	Floor	10	109.53	109.77	0.24	1132.2	4.83	0.00				0.28	0.29	0.29					
	Roof	11	116.45	116.72	0.27	694.0	4.17	0.00				0.33	0.34	0.34					
	2	12&13	116.72	117.09	0.37	834.0	5.36	1.64	33.81	35.14	35.73	0.60	0.62	0.63	0.24	0.01	0.37		1.63
	2	14	117.09	118.11	1.02	2024.2	6.93	1.27	9.68	10.27	10.40	0.43	0.46	0.47	0.04	0.01	0.41	1.31	1.31
	2	15	118.11	118.29	0.18	561.7	5.67	2.34	62.53	64.74	66.29	0.16	0.17	0.17	0.02	<0.01	0.15		2.09
	2	16	118.29	119.03	0.74	1459.2	6.20	0.84	12.62	13.34	13.45	0.41	0.43	0.43	0.05	<0.01	0.38		1.41
	2	17&18	119.03	119.51	0.48	1098.5	4.74	1.28	31.89	33.05	33.48	0.33	0.34	0.34	0.04	0.06	0.24		1.61
	Flr/Rf	19	119.51	120.50	0.99	2204.7	4.58	1.67				1.33	1.37	1.39					
	2 lower	20	120.50	120.97	0.47	914.5	3.53	1.19	23.00	23.56	23.84	4.05	4.15	4.20	2.57	0.07	1.51		1.51
	Floor	21	120.97	121.22	0.25	No analysis													

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE % A.R.	MOISTURE % A.D.	ASH % A.R.	ASH % A.D.	ASH % D.B.	TOTAL SULFUR % A.R.	TOTAL SULFUR % A.D.	TOTAL SULFUR % D.B.	SULFUR FORMS % A.D. Pyritic	SULFUR FORMS % A.D. Sulfate	SULFUR FORMS % A.D. Organic	SPECIFIC GRAVITY (Meas'd)	SPECIFIC GRAVITY (Calc'd)
T92D-03	Roof	1	75.55	75.83	0.28	548.4	5.69	0.90				0.95	1.00	1.01					
	6 upper	2	75.83	76.41	0.58	1195.0	5.76	0.65	14.53	15.32	15.42	1.57	1.66	1.67					1.43
	6 prtng	3	76.41	77.18	0.77	2686.0	3.73	1.11		80.00		1.96	2.01	2.03					2.44
	6 prtng	4&5	77.18	77.35	0.17	288.5	6.18	0.74		80.00		5.00	5.29	5.33					2.44
	6 lower	6&7	77.35	77.75	0.40	792.0	4.53	0.86	35.10	36.45	36.77	1.72	1.79	1.81					1.65
	6 lower	8	77.75	78.32	0.57	1016.0	7.31	0.72	10.00	10.71	10.79	2.11	2.26	2.28					1.39
	Floor	9	78.32	78.57	0.25	841.1	5.37	1.45				0.83	0.86	0.87					
	Roof	10	83.78	84.03	0.25	733.8	6.26	1.31				7.12	7.50	7.60					
	5ex	11	84.03	84.43	0.40	686.7	6.92	0.75	14.88	15.87	15.99	0.51	0.54	0.54					1.43
	5ex	12&13	84.43	85.37	0.94	1407.0	7.80	0.87	14.78	15.89	16.03	1.43	1.54	1.55					1.43
	5ex	14&15	85.37	86.28	0.91	1659.7	7.94	0.88	5.72	6.16	6.21	0.40	0.43	0.43					1.35
	5ex	16&17	86.28	87.57	1.29	2610.1	9.99	0.90	8.30	9.14	9.22	0.05	0.06	0.06					1.37
	5ex	18	87.57	87.80	0.23	338.0	6.63	0.82	10.93	11.61	11.71	3.72	3.95	3.98					1.39
	Floor	19	87.80	88.05	0.25	853.8	4.51	1.24	84.39	87.28	88.38	0.84	0.87	0.88					2.65
	Roof	20	105.11	105.39	0.28	218.7	3.51	0.98				5.26	5.40	5.45					
	4 upper	21&22	105.39	106.29	0.90	1841.2	5.64	0.67	21.82	22.97	23.12	3.36	3.54	3.56					1.50
	Floor	23	106.29	106.60	0.31	606.1	3.83	0.88				0.42	0.43	0.43					
	4 lower	24&25	110.43	111.07	0.64	1035.0	10.74	0.82	16.69	18.54	18.69	3.07	3.41	3.44					1.46
	Floor	26	111.07	111.27	0.20	760.2	6.57	0.97				0.09	0.10	0.10					
	Roof	27	116.80	117.05	0.25	777.8	5.34	1.59				1.02	1.06	1.08					
	3 upper	28	117.05	117.93	0.88	1929.6	5.92	0.87	15.00	15.80	15.94	2.88	3.03	3.06					1.43
	Floor	29	117.93	118.20	0.27	801.7	6.50	1.49				0.78	0.82	0.83					
	Roof	30	118.55	118.91	0.36	532.4	6.06	1.99				1.41	1.47	1.50					
	3 lower	31&32	118.91	119.39	0.48	867.8	8.01	0.94	17.15	18.47	18.65	1.92	2.07	2.09					1.46
	3 lower	33	119.39	120.02	0.63	1448.0	4.51	0.88	15.90	16.50	16.65	1.34	1.39	1.40					1.44
	Floor	34	120.02	120.27	0.25	298.1	5.40	1.87				0.77	0.80	0.82					
	2	35	139.31	139.96	0.65	1014.6	10.08	1.10	4.86	5.34	5.40	0.75	0.83	0.84					1.34
	2	36&37	139.96	140.56	0.60	1187.2	5.33	1.06	15.59	16.29	16.46	0.35	0.37	0.37					1.44
	2	38	140.56	141.11	0.55	737.0	13.84	1.08	5.54	6.36	6.43	0.38	0.44	0.44					1.35
	2	39	141.11	141.37	0.26	473.2	5.98	1.13	15.93	16.75	16.94	0.38	0.40	0.40					1.44
	Flr/Rf	40	141.37	142.78	1.41	547.0	4.47	1.71				0.09	0.09	0.09				2.28	2.28
	2 lower	41	142.78	143.20	0.42	842.3	4.53	1.00	18.37	19.05	19.24	2.30	2.38	2.40					1.46

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE — % — A.R.	MOISTURE — % — A.D.	ASH — % — A.R.	ASH — % — A.D.	ASH — % — D.B.	TOTAL SULFUR — % — A.R.	TOTAL SULFUR — % — A.D.	TOTAL SULFUR — % — D.B.	SULFUR FORMS — % — A.D. Pyritic	SULFUR FORMS — % — A.D. Sulfate	SULFUR FORMS — % — A.D. Organic	SPECIFIC GRAVITY (Meas'd)	SPECIFIC GRAVITY (Calc'd)
T92D-04	Roof	1	94.50	94.76	0.26	774.9	3.65	1.19				1.67	1.71	1.73					
	11	2	94.76	94.99	0.23	289.5	6.04	0.92	11.63	12.26	12.37	1.03	1.09	1.10					1.40
	11	3	94.99	95.14	0.15	396.7	6.90	1.45	80.01	84.69	85.94	1.11	1.17	1.19					2.57
	11	4,5&6	95.14	95.78	0.64	1279.2	7.90	0.97	21.54	23.16	23.39	0.78	0.84	0.85					1.50
	11	7	95.78	96.04	0.26	344.6	11.05	0.83	11.58	12.91	13.02	3.04	3.39	3.42					1.40
	Floor	8	96.04	96.29	0.25	504.4	4.10	1.17				0.38	0.39	0.39					
	Roof	9	102.95	103.22	0.27	684.6	4.76	1.38				1.94	2.01	2.04					1.30
	10	10	103.22	103.33	0.11	101.8	8.50	0.56	23.20	25.21	25.35	5.03	5.47	5.50					1.52
	10	11	103.33	104.21	0.88	1666.0	6.87	0.80	8.54	9.10	9.17	2.22	2.37	2.39				1.33	1.33
	10	12	104.21	104.41	0.20	87.9	14.36	0.71	5.36	6.21	6.25	1.71	1.98	1.99					1.35
	Floor	13	104.41	104.66	0.25	625.0	4.21	1.12				0.74	0.76	0.77					
	Roof	14	107.00	107.28	0.28	469.3	3.37	0.96				6.57	6.73	6.80					
	9	15	107.28	107.71	0.43	450.5	5.25	0.72	16.31	17.09	17.21	3.20	3.35	3.37					1.44
	Flr/Rf	16&17	107.71	108.54	0.83	1360.4	4.74	1.38				5.85	6.06	6.14					
	8	18	108.54	109.24	0.70	1256.8	6.15	0.78	25.23	26.67	26.88	5.63	5.95	6.00					1.54
	8	19&20	109.24	110.35	1.11	2146.0	7.27	1.12	16.05	17.11	17.30	0.63	0.67	0.68					1.44
	8	21	110.35	110.72	0.37	504.8	8.08	0.74	9.99	10.79	10.87	0.53	0.57	0.57					1.39
	Floor	22	110.72	111.00	0.28	499.7	4.04	0.87				1.49	1.54	1.55					
	Roof	23	132.73	132.98	0.25	831.3	3.99	0.82				1.32	1.36	1.37					
	6 upper	24	132.98	133.27	0.29	268.3	7.54	0.57	13.02	14.00	14.08	1.92	2.06	2.07					1.41
	6 upper	25	133.27	133.52	0.25	450.6	6.57	0.61	20.15	21.44	21.57	2.67	2.84	2.86				1.39	1.39
	6 upper	26	133.52	133.73	0.21	186.1	6.26	0.70	14.48	15.34	15.45	2.11	2.24	2.26					1.43
	Floor	27	133.73	134.00	0.27	425.4	4.71	1.14				1.24	1.29	1.30					
	Roof	28	134.88	135.11	0.23	614.9	3.01	0.72				6.05	6.19	6.23					
	6 lower	29	135.11	135.35	0.24	277.3	4.40	0.99	26.97	27.93	28.21	0.97	1.00	1.01					1.55
	6 lower	30	135.35	135.90	0.55	922.6	10.99	0.77	10.73	11.96	12.05	1.24	1.38	1.39					1.40
	Floor	31	135.90	136.15	0.25	889.1	4.37	1.05				2.56	2.65	2.68					
	Roof	32	139.50	139.74	0.24	606.6	5.05	1.34				2.01	2.09	2.12					
	5ex	33	139.74	140.15	0.41	243.8	10.42	0.57	15.47	17.17	17.27	4.51	5.01	5.04					1.44
	5ex	34&35	140.15	141.17	1.02	1844.6	8.46	0.81	10.07	10.91	11.00	2.21	2.39	2.41					1.39
	5ex	36&37	141.17	142.62	1.45	2813.8	7.19	0.88	10.11	10.80	10.90	0.99	1.06	1.07					1.39
	5ex	38	142.62	142.76	0.14	423.8	6.22	0.81	64.17	67.87	68.42	0.30	0.32	0.32					2.15
	5ex	39	142.76	143.97	1.21	2240.5	7.96	0.72	8.88	9.58	9.65	0.58	0.63	0.63					1.38
	Floor	40	143.97	144.30	0.33	833.8	3.95	0.76				0.32	0.33	0.33					
	Roof	41	160.80	161.06	0.26	821.4	1.34	0.38				18.16	18.34	18.41					
	4 upper	42	161.06	161.30	0.24	267.3	6.02	0.79	10.61	11.20	11.29	2.51	2.65	2.67					1.39
	4 upper	43	161.30	161.81	0.51	731.8	7.48	0.57	11.60	12.47	12.54	2.34	2.52	2.53					1.40
	4 upper	44	161.81	161.95	0.14	164.0	8.53	0.59	34.42	37.41	37.63	0.57	0.62	0.62					1.66
	Floor	45	161.95	162.20	0.25	465.3	9.03	0.87				0.28	0.30	0.30					
	Roof	46	164.62	164.89	0.27	348.7	3.11	0.53				9.50	9.75	9.80					

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE % A.R.	MOISTURE % A.D.	ASH % A.R.	ASH % A.D.	ASH % D.B.	TOTAL SULFUR % A.R.	TOTAL SULFUR % A.D.	TOTAL SULFUR % D.B.	SULFUR FORMS % A.D. Pyritic	SULFUR FORMS % A.D. Sulfate	SULFUR FORMS % A.D. Organic	SPECIFIC GRAVITY (Meas'd)	SPECIFIC GRAVITY (Calc'd)
T92D-04	4 lower	47	164.89	165.26	0.37	608.1	6.34	1.07	14.30	15.11	15.27	1.28	1.35	1.36					1.42
con't.	4 lower	48	165.26	165.59	0.33	487.6	5.38	0.96	20.55	21.51	21.72	0.88	0.92	0.93					1.49
	Bent Flr	49	165.59	165.96	0.37	1071.7	6.52	1.32				0.19	0.20	0.20					
	Roof	50	169.00	169.23	0.23	443.2	5.55	0.95	76.76	80.50	81.27	1.53	1.60	1.62					2.45
	3 upper	51	169.23	169.42	0.19	216.1	4.29	0.43	16.72	17.39	17.47	4.33	4.51	4.53	3.28	0.23	1.00	1.41	1.41
	3 upper	52	169.42	169.97	0.55	1169.3	6.51	0.50	11.73	12.49	12.55	2.12	2.26	2.27	1.28	0.02	0.96		1.40
	3 upper	53	169.97	170.38	0.41	174.4	6.79	0.59	20.45	21.81	21.94	1.09	1.16	1.17	0.53	0.02	0.61		1.49
	Parting	54	170.38	170.85	0.47	1342.3	5.33	0.94	78.88	82.54	83.32	0.87	0.91	0.92	0.55	0.05	0.31		2.51
	3 lower	55	170.85	171.55	0.70	1323.4	5.28	0.54	24.84	26.08	26.22	1.56	1.64	1.65	0.94	0.03	0.67		1.53
	3 lower	56	171.55	172.12	0.57	1192.6	6.70	0.52	16.89	18.01	18.10	2.49	2.66	2.67	1.60	0.04	1.02	1.41	1.41
	Floor	57	172.12	172.37	0.25	1009.9	5.87	1.07				0.62	0.65	0.66					
T92D-05	11?	1	66.52	67.11	0.59	599.7	7.61	0.59	13.51	14.54	14.63	0.86	0.93	0.94					1.42
	10?	2&3	71.84	72.66	0.82	951.9	7.02	0.71	12.30	13.14	13.23	2.49	2.66	2.68					1.41
	8?	4&5	75.48	76.00	0.52	699.0	4.90	0.73	28.94	30.21	30.43	5.25	5.48	5.52					1.58
	8?	6&7	76.00	77.19	1.19	1918.6	7.58	0.93	17.82	19.10	19.28	2.14	2.29	2.31					1.46
	8?	8	77.19	77.58	0.39	688.5	7.42	0.72	16.16	17.33	17.46	0.69	0.74	0.75					1.45
	4	9&10	92.28	92.53	0.25	389.8	4.48	0.77	27.87	28.95	29.17	1.38	1.43	1.44					1.56
	4	11&12	92.53	93.74	1.21	2141.7	6.92	1.03	10.60	11.27	11.39	0.47	0.50	0.51					1.39
	4	13	93.74	93.87	0.13	52.9	4.62	0.85	22.81	23.71	23.91	0.45	0.47	0.47					1.51
	3u	14	96.34	96.54	0.20	208.7	5.56	0.59	8.39	8.83	8.88	1.75	1.84	1.85					1.37
	3u	15	96.54	96.99	0.45	749.8	6.39	0.62	9.26	9.83	9.89	0.83	0.88	0.89					1.38
	3u	16	96.99	97.55	0.56	532.3	9.08	0.67	15.57	17.01	17.12	2.45	2.68	2.70					1.44
	3l	17	98.74	99.85	1.11	1203.5	8.65	0.76	12.23	13.29	13.39	1.03	1.12	1.13					1.41
	2	18	111.72	112.06	0.34	450.6	8.15	0.70	7.69	8.31	8.37	0.71	0.77	0.78	0.08	<0.01	0.69		1.36
	2	19,20&21	112.06	113.20	1.14	2071.6	7.57	1.11	15.51	16.59	16.78	0.46	0.49	0.50	0.04	0.01	0.44	1.34	1.34
	2	22	113.20	113.50	0.30	324.7	6.67	0.96	18.13	19.24	19.43	0.36	0.38	0.38	0.05	<0.01	0.33		1.46
	2 Lwr	23&24	114.59	115.04	0.45	787.7	7.91	1.01	20.66	22.21	22.44	0.98	1.05	1.06					1.49

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE % A.R.	MOISTURE % A.D.	ASH % A.R.	ASH % A.D.	ASH % D.B.	TOTAL SULFUR % A.R.	TOTAL SULFUR % A.D.	TOTAL SULFUR % D.B.	SULFUR FORMS % A.D. Pyritic	SULFUR FORMS % A.D. Sulfate	SULFUR FORMS % A.D. Organic	SPECIFIC GRAVITY (Meas'd)	SPECIFIC GRAVITY (Calc'd)
T92D-07	Roof	1	166.98	167.23	0.25	1093.0	3.05	1.20				4.71	4.80	4.86					
	6 upper	2	167.23	167.68	0.45	721.7	4.45	0.93	8.68	9.00	9.08	1.96	2.03	2.05				1.33	1.33
	6 upper	3	167.68	167.78	0.10	166.2	2.12	0.86	38.57	39.06	39.40	20.71	20.98	21.16				1.99	1.99
	6 upper	4	167.78	168.39	0.61	1051.0	4.48	0.99	7.95	8.24	8.32	1.31	1.36	1.37					1.36
	6 upper	5	168.39	168.51	0.12	66.7	3.10	1.03	28.04	28.64	28.94	0.57	0.58	0.59					1.56
	Floor	6	168.51	168.75	0.24	556.6	4.27	1.51				0.51	0.52	0.53					
	Roof	7	170.00	170.24	0.24	854.3	3.08	1.09	80.71	82.37	83.28	5.19	5.30	5.36					2.50
	6 lower	8	170.24	170.72	0.48	858.3	4.03	1.06	6.12	6.31	6.38	1.06	1.09	1.10					1.35
	6 lower	9	170.72	171.40	0.68	830.5	3.09	0.71	17.46	17.89	18.02	0.59	0.60	0.60					1.45
	Floor	10	171.40	171.65	0.25	435.8	3.69	1.02				0.36	0.37	0.37					
	Roof	11	178.80	179.06	0.26	673.8	3.57	1.13				0.37	0.38	0.38					
	5	12	179.06	179.32	0.26	295.0	6.60	0.60	10.96	11.66	11.73	0.56	0.60	0.60					1.39
	5	13,14&15	179.32	181.75	2.43	4485.6	4.62	0.76	11.38	11.84	11.93	0.52	0.54	0.54				1.34	1.34
	5	16	181.75	181.97	0.22	293.8	3.18	0.71	18.31	18.78	18.91	0.78	0.80	0.81					1.46
	Floor	17	181.97	182.22	0.25	669.7	4.84	1.30				1.12	1.16	1.18					
	Roof	18	183.18	183.41	0.23	582.2	3.20	1.00				3.95	4.04	4.08					
	4	19	183.41	183.62	0.21	231.0	4.80	0.58	8.90	9.29	9.34	1.77	1.85	1.86					1.37
	4	20&21	183.62	184.78	1.16	2466.4	4.70	0.80	9.50	9.89	9.97	0.59	0.61	0.61				1.32	1.32
	4	22	184.78	185.04	0.26	247.8	4.32	0.97	23.08	23.89	24.12	0.55	0.57	0.58					1.51
	Bent Flr	23	185.04	185.24	0.20	537.8	5.93	1.30				0.10	0.10	0.10					
	Roof	24&25	188.53	188.86	0.33	1021.6	4.35	1.62				3.63	3.73	3.79					
	3 upper	26&27	188.86	189.73	0.87	3297.4	4.65	1.00	10.81	11.22	11.33	1.14	1.18	1.19					1.39
	Parting	28	189.73	189.95	0.22	583.0	4.54	1.38				2.05	2.12	2.15				estimated:	2.56
	3 lower	29	189.95	190.38	0.43	783.6	3.27	0.86	14.45	14.81	14.94	1.96	2.01	2.03					1.42
	3 lower	30	190.38	190.84	0.46	945.9	5.55	0.79	17.52	18.40	18.55	0.84	0.88	0.89					1.46
	Floor	31	190.84	191.09	0.25	636.6	6.12	1.26				0.24	0.25	0.25					
	Roof	32	205.88	206.13	0.25	579.0	4.67	1.68				0.94	0.97	0.99					
	2	33	206.13	206.50	0.37	726.4	2.09	0.75	22.33	22.64	22.81	3.96	4.01	4.04	2.25	0.07	1.69	1.47	1.47
	2	34&35	206.50	206.77	0.27	655.7	3.62	1.52	60.21	61.52	62.47	3.89	3.97	4.03	2.99	0.04	0.94	1.99	1.99
	2	36&37	206.77	207.97	1.20	1613.6	5.16	1.11	16.59	17.30	17.49	0.66	0.69	0.70	0.06	0.01	0.62		1.44
	2	38&39	207.97	209.54	1.57	3068.0	5.05	1.21	10.57	11.00	11.13	0.48	0.50	0.51	0.02	<0.01	0.48		1.39
	2	40	209.54	209.75	0.21	282.7	4.51	0.79	13.08	13.59	13.70	0.50	0.52	0.52	0.02	<0.01	0.50		1.41
	Floor	41	209.75	210.00	0.25	1008.3	4.85	1.59				0.14	0.14	0.14					

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE % A.R.	MOISTURE % A.D.	ASH % A.R.	ASH % A.D.	ASH % D.B.	TOTAL SULFUR % A.R.	TOTAL SULFUR % A.D.	TOTAL SULFUR % D.B.	SULFUR FORMS % A.D. Pyritic	SULFUR FORMS % A.D. Sulfate	SULFUR FORMS % A.D. Organic	SPECIFIC GRAVITY (Meas'd)	SPECIFIC GRAVITY (Calc'd)
T92D-09	11	1	38.34	38.53	0.19	241.9	5.04	0.53	14.44	15.13	15.21	3.49	3.66	3.68	2.05	0.27	1.34		1.42
	11	2	38.53	39.13	0.60	776.7	4.90	0.51	14.58	15.25	15.33	2.71	2.83	2.84	1.55	0.17	1.12	1.38	1.38
	11	3	39.13	39.32	0.19	178.5	4.92	0.52	18.56	19.42	19.52	1.33	1.39	1.40	0.74	0.03	0.62		1.46
	10	4&5	44.91	45.39	0.48	679.4	6.18	0.61	13.89	14.71	14.80	1.77	1.87	1.88	0.83	0.03	1.01	1.35	1.35
	10	6&7	45.39	45.90	0.51	661.1	4.63	0.62	11.40	11.88	11.95	2.96	3.08	3.10	1.65	0.16	1.28		1.40
	9	8&9	47.10	47.58	0.48	770.7	4.79	0.94	32.71	34.03	34.35	4.25	4.42	4.46	3.22	0.15	1.05	1.56	1.56
	8	10	48.00	48.25	0.25	387.0	5.13	0.75	23.59	24.68	24.87	4.66	4.88	4.92	3.62	0.20	1.06	1.51	1.51
	8	11&12	48.25	48.53	0.28	494.4	6.84	0.90	22.49	23.92	24.14	3.95	4.20	4.24	3.11	0.09	1.01		1.51
	8	13	48.53	49.35	0.82	1522.1	6.36	0.85	15.49	16.40	16.54	1.49	1.58	1.59	0.78	0.44	0.36		1.44
	8	14	49.35	49.61	0.26	358.3	5.76	0.81	10.60	11.16	11.25	0.73	0.77	0.78	0.15	0.01	0.61		1.39
	?	15	52.19	52.51	0.32	551.5	5.66	0.75	25.58	26.91	27.11	2.49	2.62	2.64					1.54
	6 upper	16	73.43	73.58	0.15	163.9	4.47	0.82	20.86	21.66	21.84	5.80	6.02	6.07					1.49
	6 upper	17,18&19	73.58	74.80	1.22	2396.1	6.67	0.84	14.25	15.14	15.27	1.14	1.21	1.22					1.42
	6 upper	20	74.80	74.95	0.15	33.0	5.97	0.72	9.53	10.06	10.13	1.83	1.93	1.94					1.38
	6 lower	21	75.45	75.71	0.26	282.2	5.74	0.72	4.37	4.60	4.63	1.20	1.26	1.27	0.07	<0.01	1.20		1.33
	6 lower	22&23	75.71	76.83	1.12	2136.5	6.14	0.95	14.51	15.31	15.46	1.99	2.10	2.12	1.08	0.06	0.97	1.38	1.38
	6 lower	24	76.83	76.95	0.12	224.4	3.60	1.08	50.41	51.73	52.29	4.01	4.11	4.15	3.30	0.05	0.78		1.86
	5ex	25	84.21	84.37	0.16	150.0	3.99	0.92	24.63	25.42	25.66	1.09	1.13	1.14					1.53
	5ex	26&27	84.37	85.04	0.67	1315.8	4.66	1.09	23.35	24.22	24.49	1.17	1.21	1.22					1.51
	5ex	28	85.04	85.22	0.18	537.3	3.61	1.01	59.84	61.45	62.08	0.39	0.40	0.40					2.03
	?	29	88.80	89.09	0.29	505.5	3.67	0.86	31.68	32.61	32.89	0.57	0.59	0.60					1.60
	5 upper	30	89.85	90.11	0.26	398.4	4.18	0.74	19.78	20.49	20.64	1.26	1.31	1.32					1.48
	5 upper	31	90.11	90.53	0.42	672.0	5.67	0.60	11.18	11.78	11.85	1.13	1.19	1.20					1.39
	5 upper	32&33	90.53	90.89	0.36	629.7	4.45	0.61	8.70	9.05	9.11	3.24	3.37	3.39					1.37
	5 upper	34	90.89	91.17	0.28	68.2	4.66	0.68	14.42	15.02	15.12	0.80	0.83	0.84					1.42
	5 lower	35	91.75	91.88	0.13	169.4	2.31	0.17	28.95	29.58	29.63	6.85	7.00	7.01					1.57
	5 lower	36	91.88	92.18	0.30	565.3	2.48	0.26	37.90	38.76	38.86	0.95	0.97	0.97					1.68
	5 lower	37	92.18	92.41	0.23	295.9	3.20	0.15	16.19	16.70	16.73	1.01	1.04	1.04					1.44
	4	38	93.81	93.92	0.11	122.4	3.07	0.09	23.93	24.66	24.68	1.57	1.62	1.62					1.52
	4	39,40&41	93.92	95.30	1.38	2642.9	5.21	0.77	9.62	10.07	10.15	0.56	0.59	0.59					1.38
	4	42	95.30	95.50	0.20	194.7	3.22	0.23	22.68	23.38	23.43	0.47	0.48	0.48					1.50
	3 upper	43	96.68	97.01	0.33	547.1	2.84	0.23	16.91	17.37	17.41	1.23	1.26	1.26					1.45
	3 upper	44	97.01	97.58	0.57	1091.6	3.19	0.15	12.30	12.69	12.71	0.86	0.89	0.89					1.40
	3 prtng	45	97.58	97.73	0.15	354.8	3.97	0.78	63.04	65.13	65.64	2.86	2.95	2.97					2.10
	3 lower	46	97.73	98.37	0.64	1293.6	3.49	0.38	17.28	17.84	17.91	0.75	0.77	0.77					1.45
	3 lower	47	98.37	98.64	0.27	342.2	3.48	0.15	23.81	24.63	24.67	1.84	1.90	1.90					1.52
	2	48	105.62	106.02	0.40	1227.4	3.75	0.47	45.68	47.24	47.46	2.67	2.76	2.77					1.79
	2	49&50	106.02	106.56	0.54	1025.5	5.49	1.04	27.15	28.43	28.73	0.67	0.70	0.71					1.56
	2	51	106.56	107.29	0.73	1223.7	4.42	0.51	10.57	11.00	11.06	0.62	0.65	0.65					1.39
	2	52	107.29	108.02	0.73	1474.7	3.88	0.60	12.59	13.02	13.10	0.50	0.52	0.52					1.41

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE —— % —— A.R.	MOISTURE A.D.	ASH ——— % ——— A.R.	ASH A.D.	ASH D.B.	TOTAL SULFUR ——— % ——— A.R.	TOTAL SULFUR A.D.	TOTAL SULFUR D.B.	SULFUR FORMS ——— % ——— ——— A.D. ——— Pyritic	Sulfate	Organic	SPECIFIC GRAVITY (Meas'd)	(Calc'd)
T92D-09	2	53	108.02	108.75	0.73	1316.6	3.99	0.70	16.79	17.37	17.49	0.48	0.50	0.50					1.45
con't.	2	54	108.75	108.92	0.17	227.3	3.51	0.55	21.77	22.44	22.56	0.45	0.46	0.46					1.49
T92D-12	?	1	99.00	99.23	0.23														
T92R-19C		1	29.04	29.25	0.21	1074.2	4.19	1.01	55.48	57.32	57.90	0.97	1.00	1.01					1.95
		2	29.25	29.70	0.45	3163.8	5.22	1.14	49.40	51.52	52.11	0.58	0.60	0.61					1.86
		3	29.70	30.19	0.49	2830.7	8.63	0.93	51.34	55.67	56.19	4.89	5.30	5.35					1.92
	5	4	30.19	31.25	1.06	4089.1	9.94	1.10	12.08	13.27	13.42	0.68	0.75	0.76					1.41
	5	5/6	31.25	32.98	1.73	7358.6	8.91	0.94	10.34	11.24	11.35	0.55	0.60	0.61					1.39
	5	7	32.98	33.73	0.75	3213.1	8.38	0.95	16.85	18.22	18.39	0.48	0.52	0.52					1.45
	5	8	33.73	33.87	0.14	576.7	8.19	1.43	24.42	26.22	26.60	0.47	0.50	0.51					1.53
	4	9	35.28	35.42	0.14	526.0	8.71	0.81	12.75	13.85	13.96	1.11	1.21	1.22					1.41
	4	10	35.42	36.52	1.10	4196.2	7.39	0.91	7.73	8.27	8.35	0.66	0.71	0.72					1.36
	4	11	36.52	37.20	0.68	3631.0	5.80	0.78	13.55	14.27	14.38	0.50	0.53	0.53					1.42
	3 upper	12	40.38	40.81	0.43	1990.8	7.20	0.52	12.97	13.90	13.97	1.86	1.99	2.00					1.41
	3 upper	13	40.81	41.37	0.56	2968.5	6.48	0.65	9.44	10.03	10.10	0.95	1.01	1.02					1.38
	3 lower	14	42.06	42.18	0.12	542.4	5.13	0.48	21.77	22.84	22.95	6.48	6.80	6.83					1.50
	3.lower	15	42.18	43.03	0.85	4800.4	5.47	0.66	14.25	14.98	15.08	1.24	1.30	1.31					1.42
	2 upper	16-17	49.95	50.26	0.31	1908.1	6.40	1.14	36.97	39.05	39.50	0.83	0.88	0.89					1.68
	2	18	52.34	53.64	1.30	2345.9	5.57	0.97	7.81	8.19	8.27	0.63	0.66	0.67					1.36
	2	19-20	53.64	54.42	0.78	4760.8	5.21	0.44	18.31	19.23	19.31	0.53	0.56	0.56					1.46

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE % A.R.	MOISTURE % A.D.	ASH % A.R.	ASH % A.D.	ASH % D.B.	TOTAL SULFUR % A.R.	TOTAL SULFUR % A.D.	TOTAL SULFUR % D.B.	SULFUR FORMS % A.D. Pyritic	SULFUR FORMS % A.D. Sulfate	SULFUR FORMS % A.D. Organic	SPECIFIC GRAVITY (Meas'd)	SPECIFIC GRAVITY (Calc'd)
T92D-20	?	1	12.85	13.03	0.18	No Analysis													?
	6 upper C	2	13.70	13.98	0.28	400.2	4.70	1.05	12.77	13.26	13.40	4.32	4.49	4.54					1.41
	6 upper C	3	13.98	14.81	0.83	1028.3	7.86	0.97	8.92	9.59	9.68	0.78	0.84	0.85					1.38
	6 upper B	4	15.71	16.99	1.28	1058.6	14.97	0.84	12.10	14.11	14.23	0.53	0.62	0.63					1.42
	6 upper A	5	16.99	17.38	0.39	355.8	11.85	0.65	27.50	30.99	31.19	1.06	1.20	1.21					1.59
	6 middle	6&7	17.96	18.75	0.79	1450.3	5.34	0.89	6.04	6.32	6.38	1.28	1.34	1.35					1.35
	6 middle	8/9	18.75	19.51	0.76	6642.4	7.80	0.87	9.96	10.71	10.80	0.51	0.55	0.55					1.39
	6 lowerB	8/9	20.25	23.68	3.43	6642.4	7.80	0.87	9.96	10.71	10.80	0.51	0.55	0.55					1.39
	6 lowerA	---	24.70	24.95	0.25														
	?	10	27.51	28.23	0.72	269.8	8.49	0.80	14.62	15.85	15.98	1.24	1.34	1.35					1.43
	?	11	29.50	30.30	0.80	739.5	8.97	0.83	21.45	23.37	23.57	0.90	0.98	0.99					1.50
	5	12	31.38	31.80	0.42	378.7	7.72	0.99	5.51	5.91	5.97	0.75	0.80	0.81	0.09	0.01	0.70		1.35
	5	13,14&15	31.80	33.80	2.00	2774.7	7.41	0.80	7.31	7.83	7.89	0.40	0.43	0.43	0.05	0.01	0.37	1.33	1.33
	5	16	33.80	34.16	0.36	345.0	5.01	0.90	18.03	18.81	18.98	0.43	0.45	0.45	0.10	0.01	0.34	1.47	1.47
	3 upper	17	40.58	40.85	0.27	196.1	12.27	0.80	7.36	8.32	8.39	1.73	1.96	1.98	0.66	0.03	1.27		1.37
	3 upper	18&19	40.85	41.44	0.59	712.3	11.26	0.72	7.94	8.88	8.94	0.99	1.11	1.12	0.34	0.01	0.76	1.36	1.36
	3 upper	20	41.44	41.61	0.17	204.3	7.80	0.84	10.06	10.82	10.91	2.45	2.64	2.66	1.40	0.03	1.21		1.39
	Floor	21	41.61	41.92	0.31	No Analysis													
	3 lower	22	42.34	42.86	0.52	1006.7	4.96	0.85	20.91	21.81	22.00	2.02	2.11	2.13					1.49
	2	23&24	52.39	53.30	0.91	982.6	8.38	0.87	30.16	32.63	32.92	1.16	1.25	1.26					1.60
	2	25	53.30	54.42	1.12	2192.2	8.41	1.05	8.00	8.64	8.73	0.40	0.43	0.43					1.37
	2	26&27	54.42	55.70	1.28	2295.6	7.12	1.00	11.30	12.04	12.16	0.33	0.35	0.35					1.40
	2	28	55.70	55.91	0.21	289.7	6.04	1.21	15.49	16.29	16.49	0.30	0.32	0.32					1.44

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE ------ % ------ A.R.	A.D.	ASH ---------- % ---------- A.R.	A.D.	D.B.	TOTAL SULFUR --------- % --------- A.R.	A.D.	D.B.	SULFUR FORMS ---------- % ---------- ---------- A.D. ---------- Pyritic	Sulfate	Organic	SPECIFIC GRAVITY (Meas'd)	(Calc'd)
T92D-22	?	1	27.23	27.65	0.42	710.5	5.18	1.19	14.24	14.84	15.02	2.49	2.59	2.62						1.42
	6 upperC	2	35.05	35.34	0.29	608.4	8.95	1.13	26.90	29.21	29.54	6.86	7.45	7.54						1.57
	6 upperC	3&4	35.34	36.24	0.90	1557.2	9.61	0.70	9.92	10.90	10.98	1.47	1.62	1.63						1.39
	6 upperC	5	36.24	36.59	0.35	510.9	8.18	1.31	8.87	9.53	9.66	1.91	2.05	2.08						1.38
	6 middle	6	38.42	38.62	0.20	505.7	9.60	1.39	47.97	52.33	53.07	4.24	4.62	4.69						1.87
	6 middle	7&8	38.62	39.20	0.58	969.4	7.47	0.89	8.53	9.14	9.22	1.02	1.09	1.10						1.37
	6 middle	9&10	39.20	39.94	0.74	1517.9	6.41	1.03	18.57	19.64	19.84	0.63	0.67	0.68						1.47
	6 middle	11	39.94	40.72	0.78	1333.7	7.75	1.43	7.39	7.90	8.01	0.62	0.66	0.67						1.36
		12	41.54	41.71	0.17	168.1	9.24	0.98	33.63	36.69	37.05	0.55	0.60	0.61						1.65
	6 lwr B	13	43.34	44.04	0.70	947.6	11.24	1.02	8.84	9.86	9.96	0.44	0.49	0.50						1.38
	6 lwr B	14	44.04	45.00	0.96	1639.2	9.91	0.94	8.99	9.88	9.97	0.40	0.44	0.44						1.38
	6 lwr B	15	45.00	45.91	0.91	2124.7	10.03	0.97	16.15	17.78	17.95	0.84	0.92	0.93						1.45
	6 lwr A	16	45.91	46.55	0.64	580.7	4.15	0.88	14.70	15.20	15.33	2.15	2.22	2.24						1.43
	3 upper	17	63.77	64.02	0.25	398.5	5.47	1.00	10.01	10.48	10.59	1.92	2.01	2.03						1.38
	3 upper	18	64.02	64.39	0.37		8.60	1.00	6.44	6.98	7.05	0.50	0.54	0.55						1.35
	3 upper	19	64.39	65.04	0.65	909.4	8.54	0.85	8.38	9.09	9.17	0.60	0.65	0.66						1.37
	3 upper	20&21	65.04	65.54	0.50	1150.1	6.15	0.99	10.70	11.29	11.40	1.62	1.71	1.73						1.39
	3 lower	22	67.36	67.70	0.34	321.2	9.49	0.86	13.59	14.89	15.02	1.90	2.08	2.10						1.42
	3 lower	23	67.70	68.02	0.32	520.6	9.41	0.85	13.25	14.50	14.62	1.51	1.65	1.66						1.42
	3 lower	24	68.02	68.37	0.35	647.3	5.39	0.85	8.99	9.42	9.50	1.82	1.91	1.93						1.37
	?	25	82.87	83.02	0.15	338.0	7.63	0.92	25.33	27.17	27.42	0.80	0.86	0.87						1.54
	?	26	83.02	83.42	0.40		21.78	0.68	21.37	27.13	27.32	4.62	5.87	5.91						1.54
	?	27	83.42	83.68	0.26	Not received														1.30
	2B	28	88.12	88.69	0.57	773.2	13.02	0.66	8.92	10.19	10.26	0.90	1.03	1.04						1.38
	2B	29	88.69	89.39	0.70	1582.2	7.87	0.90	15.14	16.29	16.44	0.73	0.79	0.80						1.44
	2A	30	90.53	90.84	0.31	531.0	4.52	1.12	13.02	13.48	13.63	1.48	1.53	1.55	0.78	0.02	0.73			1.41
	2A	31	90.84	91.24	0.40		10.10	0.82	18.06	19.92	20.08	3.34	3.69	3.72	1.93	0.01	1.75			1.47

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE ------ % ------ A.R.	A.D.	ASH ---------- % ---------- A.R.	A.D.	D.B.	TOTAL SULFUR --------- % --------- A.R.	A.D.	D.B.	SULFUR FORMS ---------- % ---------- ---------- A.D. ---------- Pyritic	Sulfate	Organic	SPECIFIC GRAVITY (Meas'd)	(Calc'd)
T92D-24	7	1	30.62	30.70	0.08	81.0	4.78	0.44	37.00	38.69	38.86	11.83	12.37	12.42	7.53	0.28	4.56		1.68
	7	2	30.70	31.26	0.56	880.3	7.39	0.60	14.49	15.55	15.64	2.87	3.08	3.10	1.50	0.08	1.50	1.40	1.40
	6 upper	3	36.76	36.92	0.16	168.0	7.40	0.68	16.29	17.47	17.59	1.51	1.62	1.63					1.45
	6 upper	4	36.92	37.44	0.52	900.3	8.68	0.56	15.86	17.27	17.37	2.86	3.11	3.13					1.44
	6 upper	5	37.44	37.72	0.28	200.5	8.90	0.60	13.38	14.60	14.69	3.31	3.61	3.63					1.42
	6 lower	6	39.56	39.97	0.41	729.1	6.01	0.56	19.16	20.27	20.38	1.47	1.55	1.56					1.47
	6 lower	7	39.97	40.32	0.35	620.2	6.20	0.52	14.11	14.97	15.05	0.82	0.87	0.87					1.42
	5ex	8	44.42	44.65	0.23	327.8	6.73	0.54	14.86	15.85	15.94	4.51	4.81	4.84					1.43
	5ex	9&10	44.65	45.22	0.57	1121.6	8.15	0.71	14.62	15.81	15.92	3.64	3.94	3.97					1.43
	5ex	11&12	45.22	45.97	0.75	1733.6	10.50	0.62	18.41	20.44	20.57	3.58	3.98	4.00					1.47
	5ex	13&14	45.97	47.64	1.67	3086.4	9.47	0.57	7.34	8.06	8.11	0.86	0.95	0.96					1.36
	5ex	15&16	47.64	48.77	1.13	1872.5	10.33	0.71	5.49	6.08	6.12	0.69	0.76	0.77					1.35
	5ex	17	48.77	48.97	0.20	248.1	6.97	0.68	13.15	14.04	14.14	1.12	1.20	1.21					1.41
	4 upper	18	72.01	72.20	0.19	197.8	10.50	0.56	16.22	18.02	18.12	4.76	5.29	5.32					1.45
	4 upper	19&20	72.20	73.06	0.86	1339.2	13.54	0.66	9.85	11.32	11.40	1.31	1.50	1.51					1.39
	parting	21	73.06	73.34	0.28	715.9	4.05	0.82	56.73	58.64	59.12	6.69	6.91	6.97					1.98
	4 lower	22	73.34	74.29	0.95	1568.5	10.28	0.60	10.45	11.58	11.65	1.07	1.18	1.19					1.39
	4 lower	23	74.29	74.35	0.06	203.3	18.35	0.69	13.51	16.43	16.54	0.66	0.80	0.81					1.44
	Bentonite	24	74.35	74.71	0.36	336.0	5.04	0.61	69.20	72.43	72.87	0.14	0.15	0.15					2.25
		25	74.71	74.99	0.28	567.7	3.31	0.50	39.89	41.05	41.26	0.31	0.32	0.32					1.71
	3 upper	26	78.99	79.14	0.15	86.0	5.13	0.69	9.12	9.55	9.62	1.34	1.40	1.41					1.38
	3 upper	27	79.14	79.84	0.70	1225.0	6.66	0.66	6.58	7.00	7.05	0.92	0.98	0.99					1.35
	3 upper	28	79.84	80.16	0.32	395.0	6.80	0.77	10.58	11.26	11.35	1.44	1.53	1.54					1.39
	parting	29	80.16	80.52	0.36	985.0	5.35	1.09	61.18	63.93	64.63	2.51	2.62	2.65					2.07
	3 lower	30	80.52	81.33	0.81	1650.5	6.53	0.70	13.41	14.25	14.35	0.81	0.86	0.87					1.42
	3 lower	31	81.33	81.80	0.47	696.0	10.58	0.61	8.32	9.25	9.31	1.01	1.12	1.13					1.37
	3 lower	32a	81.80	82.03	0.23	335.5	6.07	0.61	13.83	14.63	14.72	0.58	0.61	0.61					1.42
	2	32b	101.32	101.85	0.53	886.00	10.43	0.69	17.28	19.16	19.29	0.43	0.48	0.48					1.46
	2	33	101.85	102.51	0.66	813.60	16.75	0.62	5.99	7.15	7.19	0.39	0.46	0.46					1.36
	2	34&35	102.51	103.41	0.90	1647.10	9.63	1.26	20.25	22.12	22.40	0.49	0.53	0.54					1.49
	2	36	103.41	104.15	0.74	1366.30	7.56	0.65	10.78	11.59	11.67	0.39	0.42	0.42					1.39
	2 lower	37	106.40	106.86	0.46	900.90	5.46	0.80	22.13	23.22	23.41	2.02	2.12	2.14					1.50

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE % A.R.	MOISTURE % A.D.	ASH % A.R.	ASH % A.D.	ASH % D.B.	TOTAL SULFUR % A.R.	TOTAL SULFUR % A.D.	TOTAL SULFUR % D.B.	SULFUR FORMS % A.D. Pyritic	SULFUR FORMS % A.D. Sulfate	SULFUR FORMS % A.D. Organic	SPECIFIC GRAVITY (Meas'd)	SPECIFIC GRAVITY (Calc'd)
T92R-30C	9	1	30.87	31.24	0.37	1382.1	4.15	1.34	13.65	14.05	14.24	2.72	2.80	2.84					1.41
	8	2-3-4	32.48	32.93	0.45	2152.2	4.22	1.05	17.75	18.34	18.53	3.26	3.37	3.41					1.45
	8	5	32.93	33.77	0.84	4616.3	5.31	1.56	14.90	15.49	15.74	0.72	0.75	0.76					1.43
	8	6	33.77	34.17	0.40	1651.0	4.99	1.86	16.67	17.22	17.55	0.46	0.48	0.49					1.44
	6 upper	7	58.16	58.60	0.44	1953.3	7.69	1.12	8.93	9.57	9.68	0.95	1.02	1.03					1.38
	6 upper	8-9	58.60	59.35	0.75	2881.1	7.03	0.80	8.30	8.86	8.93	0.78	0.83	0.84					1.37
	6 lower	10	59.89	59.95	0.06	183.6	4.36	0.92	18.60	19.27	19.45	7.39	7.66	7.73					1.46
	6 lower	11-12	59.95	60.55	0.60	3238.7	7.01	0.87	8.28	8.83	8.91	0.91	0.97	0.98					1.37
	6 lower	13	60.55	60.81	0.26	1366.5	5.48	1.44	17.40	18.14	18.41	1.91	1.99	2.02					1.45
	?	14	62.55	62.80	0.25														?
	5	15	62.80	63.11	0.31	356.4	22.26	0.78	8.81	11.25	11.34	0.63	0.81	0.82					1.39
	5	16-17	63.11	63.44	0.33	2000.6	9.09	1.14	10.77	11.71	11.85	1.67	1.82	1.84					1.39
	5	18	63.44	63.53	0.09	294.0	17.74	0.64	39.88	48.17	48.48	1.46	1.76	1.77					1.81
	5	19	63.53	64.90	1.37	5709.6	8.70	0.92	7.10	7.70	7.77	0.77	0.84	0.85					1.36
	5	20-21	64.90	65.94	1.04	5335.0	6.35	1.30	10.80	11.38	11.53	0.40	0.42	0.43					1.39
	5	22-23	65.94	66.43	0.49	465.1	17.77	1.01	22.83	27.49	27.77	0.40	0.48	0.48					1.55
	5	24-25	66.43	66.79	0.36	4318.9	5.49	0.80	16.06	16.86	17.00	0.45	0.47	0.47					1.44
	3 upper	26	68.69	68.89	0.20	1062.5	5.46	0.80	24.26	25.46	25.67	5.57	5.85	5.90					1.53
	3 upper	27	68.89	69.40	0.51	1762.9	6.39	0.61	14.62	15.52	15.62	0.87	0.92	0.93					1.43
	3 upper	28	69.40	69.64	0.24	956.5	5.56	0.61	25.17	26.49	26.65	0.37	0.39	0.39					1.54
	3 lower	29	70.54	70.79	0.25	3119.0	3.72	0.53	26.03	26.89	27.03	0.58	0.60	0.60					1.54
	3 lower	30	70.79	71.43	0.64	2798.5	3.71	0.93	15.30	15.74	15.89	0.95	0.98	0.99					1.43
	2 upper	31	76.23	76.67	0.44	922.0	2.33	0.71	35.37	35.96	36.22	3.80	3.86	3.89					1.64
	2	32	77.13	77.35	0.22	916.0	6.09	0.99	14.76	15.56	15.72	3.12	3.29	3.32					1.43
	2	33	77.35	77.60	0.25	4343.5	4.50	1.24	22.94	23.72	24.02	1.16	1.20	1.22					1.51
	2	34-35	77.60	78.58	0.98	1795.0	4.79	1.57	14.78	15.28	15.52	0.49	0.51	0.52					1.43
	2	36	78.58	78.69	0.11	657.9	3.28	1.98	42.94	43.52	44.40	0.31	0.31	0.32					1.74
	2	37	78.69	79.31	0.62	3362.8	6.50	1.73	9.68	10.17	10.35	0.44	0.46	0.47					1.38
	2	38	79.31	80.34	1.03	4870.2	5.35	2.57	9.60	9.88	10.14	0.48	0.49	0.50					1.38

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE % A.R.	MOISTURE % A.D.	ASH % A.R.	ASH % A.D.	ASH % D.B.	TOTAL SULFUR % A.R.	TOTAL SULFUR % A.D.	TOTAL SULFUR % D.B.	SULFUR FORMS % A.D. Pyritic	SULFUR FORMS % A.D. Sulfate	SULFUR FORMS % A.D. Organic	SPECIFIC GRAVITY (Meas'd)	SPECIFIC GRAVITY (Calc'd)
T92D-31	6u	1	29.44	29.91	0.47	732.0	7.20	0.58	9.18	9.84	9.90	1.61	1.72	1.73					1.38
	6u	2	29.91	30.51	0.60	1106.0	6.97	0.74	9.37	10.00	10.07	0.53	0.57	0.57					1.38
	6u	3	30.51	30.90	0.39	622.2	8.04	0.84	11.12	11.99	12.09	0.74	0.80	0.81					1.40
	6l	4	34.88	35.07	0.19	213.1	6.92	0.70	16.34	17.43	17.55	2.70	2.88	2.90					1.45
	6l	5	35.07	36.03	0.96	1920.0	6.11	0.79	8.99	9.50	9.58	1.35	1.43	1.44					1.38
	6l	6	36.03	36.20	0.17	188.3	5.81	0.72	7.82	8.24	8.30	0.61	0.64	0.64					1.36
	?	7	43.55	43.72	0.17	117.6	8.11	0.56	21.60	23.37	23.50	1.96	2.12	2.13					1.50
	5ex	8	45.20	45.51	0.31	441.7	7.17	0.81	10.06	10.75	10.84	2.71	2.90	2.92					1.39
	5ex	9&10	45.51	46.94	1.43	3099.8	6.69	0.71	15.44	16.43	16.55	0.52	0.55	0.55					1.44
	5ex	11	46.94	47.35	0.41	468.9	11.43	0.47	14.28	16.05	16.13	0.63	0.71	0.71					1.43
	4u	12	58.49	58.65	0.16	212.2	4.78	0.62	11.84	12.36	12.44	3.31	3.45	3.47					1.40
	4u	13	58.65	59.22	0.57	1004.9	6.05	0.54	8.69	9.20	9.25	1.24	1.31	1.32					1.37
	4u	14	59.22	59.49	0.27	418.1	6.31	0.56	15.27	16.21	16.30	1.65	1.75	1.76					1.43
	4l	15	62.01	62.25	0.24	177.0	4.96	0.60	23.43	24.50	24.65	0.83	0.87	0.88					1.52
	4l	16	62.25	62.86	0.61	951.0	7.12	0.58	9.92	10.62	10.68	0.92	0.99	1.00					1.38
	3u	17	76.97	77.17	0.20	228.6	4.36	0.77	27.88	28.93	29.15	3.55	3.68	3.71					1.56
	3u	18	77.17	77.57	0.40	686.9	3.87	0.72	29.09	30.04	30.26	1.13	1.17	1.18					1.58
	3l	19	77.92	78.43	0.51	570.9	4.80	0.79	21.48	22.39	22.57	0.65	0.68	0.69					1.49
	3l	20	78.43	78.65	0.22	816.2	4.62	0.67	21.87	22.78	22.93	1.08	1.12	1.13					1.50

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE —— % —— A.R.	MOISTURE A.D.	ASH ---------- % ---------- A.R.	ASH A.D.	ASH D.B.	TOTAL SULFUR --------- % --------- A.R.	TOTAL SULFUR A.D.	TOTAL SULFUR D.B.	SULFUR FORMS ---------- % ---------- ---------- A.D. ---------- Pyritic	Sulfate	Organic	SPECIFIC GRAVITY (Meas'd)	(Calc'd)
T92D-32	Roof	1&2	46.23	46.54	0.31	710.6	4.70	1.01	67.35	69.96	70.67	1.39	1.44	1.45	0.81	0.04	0.59	2.12	2.12
	11	3&4	46.54	47.14	0.60	973.4	7.88	0.57	12.41	13.39	13.47	1.04	1.12	1.13	0.46	0.02	0.64	1.35	1.35
	11	5	47.14	47.30	0.16	169.9	8.83	0.97	12.92	14.03	14.17	0.48	0.52	0.53	0.05	<0.01	0.47		1.41
	Floor	6	47.30	47.55	0.25	529.2	5.28	1.64				0.25	0.26	0.26					
	Roof	7	51.20	51.44	0.24	468.4	5.20	1.53				2.19	2.27	2.31					1.30
	10	8	51.44	51.68	0.24	361.1	5.38	1.03	16.14	16.88	17.06	4.23	4.42	4.47					1.44
	10	9	51.68	52.25	0.57	576.0	10.00	0.98	9.83	10.82	10.93	2.14	2.36	2.38					1.39
	10	10	52.25	52.58	0.33													estimated:	1.37
	9	11	56.87	57.13	0.26	315.8	7.67	0.99	33.82	36.27	36.63	5.33	5.72	5.78	2.80	0.04	2.85	1.67	1.67
	Roof	12	58.50	58.72	0.22	605.8	5.21	1.60	73.24	76.03	77.27	3.16	3.28	3.33					2.34
	8	13	58.72	59.25	0.53	966.0	6.73	1.08	13.16	13.96	14.11	3.07	3.26	3.30	1.64	0.04	1.59		1.41
	8	14&15	59.25	60.40	1.15	2205.7	6.23	0.74	14.99	15.87	15.99	1.28	1.36	1.37	0.60	0.01	0.75	1.40	1.40
	8	16	60.40	60.78	0.38	267.7	6.43	1.13	20.27	21.42	21.66	0.49	0.52	0.53	0.05	<0.01	0.48		1.48
	Floor	17	60.78	61.12	0.34	753.5	4.17	1.31				2.04	2.10	2.13					
	Roof	18	77.71	77.96	0.25	719.7	3.89	1.13				8.89	9.15	9.25					
	7	19	77.96	78.43	0.47	725.1	6.85	1.02	15.11	16.06	16.23	2.84	3.02	3.05					1.43
	Floor	20	78.43	78.74	0.31	919.5	3.93	1.38				2.94	3.02	3.06					
	6 upper	21	82.42	83.19	0.77	1241.5	7.09	1.01	17.39	18.53	18.72	4.20	4.47	4.52					1.46
	Parting	22	83.19	84.32	1.13	397.3	3.06	0.97				3.62	3.70	3.74					
	6 lower	23&24	84.32	85.18	0.86	1523.0	8.58	0.72	15.26	16.57	16.69	1.10	1.20	1.21					1.44
	Roof	25	89.33	89.65	0.32	712.5	3.83	1.26	74.93	76.93	77.91	6.62	6.80	6.89					2.36
	5ex	26	89.65	89.90	0.25	253.8	7.41	0.60	13.09	14.05	14.13	1.06	1.14	1.15					1.41
	5ex	27,28&29	89.90	91.07	1.17	2356.7	6.53	0.85	15.45	16.39	16.53	1.58	1.68	1.69					1.44
	5ex	30&31	91.07	92.12	1.05	1977.5	7.76	0.84	6.61	7.11	7.17	0.84	0.90	0.91					1.36
	5ex	32	92.12	92.62	0.50	898.3	8.41	0.76	11.99	12.99	13.09	0.44	0.48	0.48					1.41
	5ex	33	92.62	93.63	1.01	1897.2	8.02	0.79	9.07	9.78	9.86	0.56	0.60	0.60					1.38
	5ex	34	93.63	93.91	0.28	322.4	9.16	0.78	11.73	12.81	12.91	0.44	0.48	0.48					1.40
	Floor	35	93.91	94.56	0.65	776.3	4.19	1.15				0.20	0.21	0.21					
	?	36	94.56	94.78	0.22	328.2	4.28	0.73	24.58	25.49	25.68	0.48	0.50	0.50					1.53
	Floor	37	94.78	95.00	0.22	750.8	3.70	1.17	14.64	15.02	15.20	1.87	1.92	1.94					1.42
	?	38	96.11	96.36	0.25	499.3	2.98	0.59	32.64	33.44	33.64	1.19	1.22	1.23					1.61
	5 lower	39	102.30	102.72	0.42	602.8	3.72	0.73	31.88	32.87	33.11	2.22	2.29	2.31					1.61
	Roof	40	106.25	106.49	0.24	832.2	3.45	0.93				3.74	3.84	3.88					
	4 upper	41	106.49	106.93	0.44	724.2	5.59	0.47	17.01	17.93	18.01	4.64	4.89	4.91	2.28	0.13	2.48	1.45	1.45
	4 upper	42	106.93	107.25	0.32	497.8	6.09	0.64	20.52	21.71	21.85	5.09	5.39	5.42	2.52	0.21	2.66	1.50	1.50
	Floor	43	107.25	107.50	0.25	613.0	3.17	0.73				0.20	0.20	0.20					
	Roof	44	112.98	113.23	0.25	594.3	3.44	1.01				4.02	4.12	4.16					
	4 lower	45	113.23	113.32	0.09	43.5	4.14	0.60	25.11	26.04	26.20	7.94	8.23	8.28	3.59	0.24	4.40		1.53
	4 lower	46	113.32	113.66	0.34	570.4	4.95	0.57	15.49	16.20	16.29	1.18	1.23	1.24	0.55	0.03	0.65	1.44	1.44
	4 lower	47	113.66	113.88	0.22	373.1	2.94	0.59	30.47	31.21	31.40	1.05	1.08	1.09	0.48	0.02	0.58		1.59

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE % A.R.	MOISTURE % A.D.	ASH % A.R.	ASH % A.D.	ASH % D.B.	TOTAL SULFUR % A.R.	TOTAL SULFUR % A.D.	TOTAL SULFUR % D.B.	SULFUR FORMS % A.D. Pyritic	SULFUR FORMS % A.D. Sulfate	SULFUR FORMS % A.D. Organic	SPECIFIC GRAVITY (Meas'd)	SPECIFIC GRAVITY (Calc'd)
T92D-32	Bent Flr	48	113.88	114.15	0.27	692.3	3.82	0.83				0.06	0.06	0.06					
con't.	Roof	49	118.60	118.87	0.27	310.0	6.99	0.93				2.23	2.37	2.39					
	3 upper	50&51	118.87	119.78	0.91	1313.3	8.94	0.58	12.77	13.94	14.02	2.13	2.33	2.34					1.41
	Parting	52	119.78	120.10	0.32	974.5	5.88	0.69				4.04	4.26	4.29					
	3 lower	53,54&55	120.10	121.36	1.26	2852.5	4.50	0.47	0.61	16.81	16.89	1.39	1.45	1.46					1.44
	Floor	56	121.36	121.60	0.24	736.9	6.07	0.75				0.67	0.71	0.72					
	Roof	57	135.40	135.65	0.25	439.0	4.89	0.75				0.33	0.34	0.34					
	2	58	135.65	136.36	0.71	1198.5	6.96	0.48	8.62	9.22	9.26	0.43	0.46	0.46					1.37
	2	59&60	136.36	137.43	1.07	1911.6	4.68	0.50	13.58	14.18	14.25	0.44	0.46	0.46					1.42
	2	61	137.43	137.71	0.28	451.2	4.36	0.51	20.18	20.99	21.10	0.46	0.48	0.48					1.48
	Floor	62	137.71	138.00	0.29	940.0	3.90	0.67				0.11	0.11	0.11					

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE % A.R.	MOISTURE % A.D.	ASH % A.R.	ASH % A.D.	ASH % D.B.	TOTAL SULFUR % A.R.	TOTAL SULFUR % A.D.	TOTAL SULFUR % D.B.	SULFUR FORMS % A.D. Pyritic	SULFUR FORMS % A.D. Sulfate	SULFUR FORMS % A.D. Organic	SPECIFIC GRAVITY (Meas'd)	SPECIFIC GRAVITY (Calc'd)
T92D-34	8	1	22.01	22.50	0.49	611.7	7.16	0.64	13.82	14.79	14.89	0.65	0.70	0.70					1.42
	8	2	22.50	22.82	0.32	570.8	6.51	0.70	25.19	26.76	26.95	0.65	0.69	0.69					1.54
	7	3	41.17	41.83	0.66	811.7	13.36	0.54	18.68	21.44	21.56	4.26	4.89	4.92	2.42	0.06	2.41	1.46	1.48
	Roof	4	46.14	46.42	0.28	528.0	7.41	0.77				1.75	1.88	1.89					
	6 upper	5	46.42	46.91	0.49	857.8	9.23	0.67	15.66	17.14	17.26	3.83	4.19	4.22					1.44
	6 upper	6	46.91	47.34	0.43	701.2	14.85	0.55	9.56	11.17	11.23	1.64	1.91	1.92					1.39
	Parting	7	47.34	47.50	0.16	440.9	3.85	0.68	77.62	80.18	80.73	4.16	4.30	4.33				2.37	2.37
	6 lower	8&9	47.50	48.54	1.04	1604.5	12.52	0.58	18.44	20.96	21.08	0.91	1.03	1.04					1.48
	Floor	10	48.54	48.78	0.24	980.5	5.34	0.77				2.80	2.94	2.96					
	Roof	11	53.80	54.07	0.27	300.0	5.04	0.71				5.27	5.51	5.55					
	5ex	12	54.07	54.33	0.26	362.1	7.23	0.46	10.30	11.05	11.10	2.88	3.09	3.10	1.31	0.03	1.75	1.30	1.30
	5ex	13&14	54.33	55.44	1.11	2347.9	6.57	0.42	8.63	9.20	9.24	1.02	1.09	1.09	0.20	<0.01	0.89		1.37
	5ex	15	55.44	55.51	0.07	53.2	4.11	0.70	70.89	73.41	73.93	5.23	5.42	5.46	2.79	0.02	2.61		2.27
	5ex	16&17	55.51	57.54	2.03	2742.6	8.39	0.67	7.27	7.88	7.93	0.61	0.66	0.66	0.03	0.04	0.59	1.23	1.23
	5ex	18,19&20	57.54	58.38	0.84	1660.7	5.57	0.90	25.38	26.63	26.87	0.45	0.47	0.47	0.05	0.01	0.41		1.54
	5ex	21	58.38	58.60	0.22	261.5	8.16	0.72	7.73	8.36	8.42	0.62	0.67	0.67	0.10	<0.01	0.57		1.37
	Floor	22	58.60	58.87	0.27	1401.7	4.56	1.34				2.34	2.42	2.45					
	5 upper	23	61.82	62.24	0.42	731.7	6.22	0.90	31.55	33.34	33.64	1.29	1.36	1.37	0.54	0.02	0.80	1.55	1.55
	5 lower	24	63.20	63.80	0.60	562.3	11.78	0.82	32.40	36.43	36.73	0.92	1.03	1.04	0.32	0.01	0.70	1.54	1.54
	4 upper	25	66.49	67.20	0.71	1184.7	5.22	0.83	16.72	17.50	17.65	2.40	2.51	2.53					1.45
	4 lower	26	74.26	74.94	0.68	824.0	6.95	0.78	22.58	24.08	24.27	3.04	3.24	3.27					1.51
	Roof	27	78.00	78.28	0.28	360.1	6.02	1.52				1.68	1.76	1.79					
	3 upper	28	78.28	78.76	0.48	660.8	8.80	0.74	12.84	13.98	14.08	2.66	2.90	2.92					1.41
	3 upper	29	78.76	79.24	0.48	398.3	4.45	0.65	28.62	29.76	29.95	1.12	1.16	1.17					1.57
	Parting	30	79.24	79.52	0.28	655.1	3.62	1.19				5.62	5.76	5.83					
	3 lower	31	79.52	80.31	0.79	1038.8	4.60	1.04	12.38	12.84	12.97	0.69	0.72	0.73					1.40
	3 lower	32	80.31	80.55	0.24	372.4	5.04	0.79	16.36	17.09	17.23	0.64	0.67	0.68					1.44
	Floor	33	80.55	80.80	0.25	983.0	5.56	1.54				0.26	0.27	0.27					
	2	34	89.52	90.10	0.58	1215.1	8.09	0.82	24.81	26.77	26.99	0.38	0.41	0.41					1.54

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE % A.R.	MOISTURE % A.D.	ASH % A.R.	ASH % A.D.	ASH % D.B.	TOTAL SULFUR % A.R.	TOTAL SULFUR % A.D.	TOTAL SULFUR % D.B.	SULFUR FORMS % A.D. Pyritic	SULFUR FORMS % A.D. Sulfate	SULFUR FORMS % A.D. Organic	SPECIFIC GRAVITY (Meas'd)	SPECIFIC GRAVITY (Calc'd)
T92D-36	?a	1	30.49	30.62	0.13	192.9	5.82	0.60	25.12	26.51	26.67	8.05	8.50	8.55					1.54
	?a	2&3	30.62	32.00	1.38	1690.2	10.26	0.57	14.36	15.91	16.00	1.17	1.30	1.31					1.43
	?a	4&5	32.00	33.18	1.18	2125.6	9.33	0.59	10.78	11.82	11.89	0.57	0.62	0.62					1.40
	?a	6	33.18	33.40	0.22	339.3	9.63	0.67	10.77	11.84	11.92	0.72	0.79	0.80					1.40
		7	34.86	35.17	0.31	297.3	9.15	0.62	30.85	33.75	33.96	4.05	4.43	4.46					1.62
	?b	8&9	51.87	52.22	0.35	1415.1	6.41	0.62	58.80	62.44	62.83	1.16	1.23	1.24					2.04
	?b	10	52.22	53.15	0.93	1605.8	8.18	0.20	8.20	8.91	8.93	0.40	0.43	0.43					1.37
	?b	11,12&13	53.15	54.70	1.55	2592.8	8.39	0.53	20.27	22.01	22.13	0.34	0.37	0.37					1.49
	?b	14	54.70	54.99	0.29	496.1	6.80	0.78	16.96	18.06	18.20	0.32	0.34	0.34					1.45
	Floor	15	54.99	55.24	0.25	No Analysis													1.30
T92D-37	2	1,2&3	14.93	16.00	1.07	1780.8	8.34	0.70	14.48	15.69	15.80	0.47	0.51	0.51					1.43
	2 lower	4	18.46	18.76	0.30	248.2	9.07	0.47	20.34	22.26	22.37	2.37	2.59	2.60					1.49
T92D-38	Roof	1	13.48	14.07	0.59	847.2	8.78	0.76				0.44	0.48	0.48					
	2	2	14.07	14.32	0.25	334.8	7.06	0.67	10.20	10.90	10.97	0.45	0.48	0.48					1.39
	2	3,4&5	14.32	15.83	1.51	2124.5	8.71	0.69	11.87	12.91	13.00	0.47	0.51	0.51					1.40
	2	6	15.83	16.05	0.22	430.9	4.39	0.59	17.94	18.65	18.76	0.44	0.46	0.46					1.46
	Floor	7	16.05	16.36	0.31	571.2	8.65	0.81				0.12	0.13	0.13					
T92R-39C	Roof	1	6.45	6.68	0.23	1591.7	5.93	0.82	78.32	82.57	83.25			0.48	0.30	0.01	0.17		2.51
	1	2	6.68	6.88	0.20	900.9	5.86	0.93	20.51	21.58	21.78			1.14	0.60	0.02	0.52		1.49
	1	3	6.88	7.70	0.82	4303.4	6.66	1.15	8.38	8.87	8.97			0.52	0.05	Trace	0.47		1.37
	1	4	7.70	8.29	0.59	3039.7	6.38	1.17	8.35	8.82	8.92			0.50	0.06	0.01	0.43	1.28	1.28
	1	5	8.29	8.59	0.30	1110.4	6.86	1.03	18.72	19.89	20.10			0.45	0.06	0.01	0.38		1.47
	1	6	8.59	9.26	0.67	3468.8	6.41	1.27	13.64	14.39	14.58			0.49	0.08	0.01	0.40		1.42
	1	7	9.26	9.99	0.73	2258.7	7.36	0.89	32.09	34.33	34.64			0.50	0.09	0.01	0.40		1.62
	1	8	9.99	10.81	0.82	4348.8	6.44	1.32	9.11	9.61	9.74			1.14	0.49	0.01	0.65		1.38
	1	9	10.81	11.03	0.22	1124.5	4.80	0.94	20.89	21.74	21.95			0.69	0.10	0.01	0.58		1.49
	Floor	10	11.03	11.26	0.23	1669.3	3.11	0.70	61.00	62.51	62.95			0.68	0.32	0.02	0.34		2.05
	1 lower	11	11.48	11.76	0.28	1372.7	4.23	0.97	35.91	37.13	37.49			1.95	1.13	0.01	0.82		1.66

HOLE #	SEAM	SAMPLE #	DRILLED INTERVAL From (m)	To (m)	SAMPLE THKNES (m)	REJECT WEIGHT (gms)	MOISTURE % A.R.	MOISTURE % A.D.	ASH % A.R.	ASH % A.D.	ASH % D.B.	TOTAL SULFUR % A.R.	TOTAL SULFUR % A.D.	TOTAL SULFUR % D.B.	SULFUR FORMS % A.D. Pyritic	SULFUR FORMS % A.D. Sulfate	SULFUR FORMS % A.D. Organic	SPECIFIC GRAVITY (Meas'd)	SPECIFIC GRAVITY (Calc'd)
T92D-41	Roof	1	16.43 -	16.68	0.25	No Analysis													
	2	2	16.68 -	16.92	0.24	331.7	7.57	0.77	13.90	14.92	15.04	0.89	0.96	0.97					1.42
	2	3,4&5	16.92 -	18.75	1.83	2961.8	9.32	0.88	14.86	16.24	16.38	0.42	0.46	0.46					1.43
	2	6	18.75 -	18.99	0.24	360.1	7.39	0.84	15.66	16.77	16.91	0.35	0.38	0.38					1.44
	Parting	7	18.99 -	19.51	0.52	1162.0	6.82	0.80	73.70	78.46	79.09							2.20	2.20
	2 lower	8	19.51 -	20.02	0.51	874.8	6.17	0.95	17.64	18.62	18.80	0.50	0.53	0.54					1.46

Original.

Petrographic Analysis

for

Manalta Coal Ltd.

SAMPLE IDENTIFICATION

Laboratory number M1960
Telkwa Coal Sample T92R-39C Seam #1
Est. Ash 9.00% Est. Sulphur 0.50%

PETROGRAPHIC INDICES

Mean Maximum Reflectance.....%	1.01
Composition Balance Index.....	0.24
Calculated Strength Index.....	3.36
Calculated Stability Index.....	25
Estimated Coke Strength DI 30/15.....	82.5
Predicted Free Swelling Index.....	8.5

DISTRIBUTION OF VITRINITE TYPES

V - 8.....%	1
V - 9.....%	37
V - 10.....%	62

REACTIVE COMPONENTS

Vitrinite.....%	87.9
Exinite.....%	0.3
Reactive Semifusinite.....%	2.8
Total Reactives.....%	91.0

INERT COMPONENTS

Macrinite.....%	0.6
Inert Semifusinite.....%	2.3
Fusinite.....%	1.0
Inertodetrinite.....%	0.1
Mineral Matter.....%	5.0
Total Inerts.....%	9.0

Analysis Completed : October 21, 1992 10:12 AM

Pearson & Associates
Coal Petrographers & Geologists
4277 Houlihan Place, Victoria, British Columbia, Canada. V8N 3T2
Telephones (604) 477-2548 & 380-8324 Fax (604) 477-4775

TELKWA - NORTHWEST AREA

Composite Seam Quality - Specific Gravity

Drill-hole	Seam:	2L	2	3L	3U	4	4U	5L	5U	5EX	6L	6U	7	8	9	10	11
		Raw	Raw	Raw	Raw	Raw	Raw	Raw	Raw	Raw	Raw	Raw	Raw	Raw	Raw	Raw	Raw
T92D-01			1.46	1.49	1.47	1.52				1.47	1.41	1.40					
T92D-26																	
T92D-31				1.50	1.57	1.42	1.39			1.43	1.38	1.38					
T92D-24		1.50	1.43	1.40	1.37	1.40	1.40			1.39	1.45	1.44	1.43				
T88D-809										1.38	1.42	1.53	1.51	1.46	1.62	1.44	
T92D-04				1.48	1.43	1.45	1.44			1.41	1.44	1.41		1.46	1.44	1.35	1.59
T92D-03		1.46	1.38	1.45	1.43	1.46	1.50			1.39	1.49	1.43					
T92D-32			1.41	1.44	1.41	1.50	1.47	1.61		1.40	1.44	1.46	1.43	1.42	1.67	1.44	1.36
T92D-34			1.54	1.41	1.49	1.51	1.45	1.54	1.55	1.35	1.48	1.42	1.48	1.47			
T92D-36			1.51							1.42							
T92D-37		1.49	1.43														
T92D-38			1.41														
T82R-212																	
T92D-02		1.51	1.48		1.42	1.80											
T88D-806																	
	Averages:	1.49	1.45	1.45	1.45	1.51	1.44	1.58	1.55	1.40	1.44	1.43	1.46	1.45	1.58	1.41	1.48

SUMMARY REPORT
Telkwa Coalfield

PROPERTY NAME:	Telkwa Property	N.T.S.	93 L/11
OWNER:	Manalta Coal Limited, Calgary, Alberta 700 - 9th Avenue S.W. T2P 3V4		
OPERATOR:	Manalta Coal Limited		
LICENCE NO.:	4260-62,4264-65,4267,4269-72,4274-83,5305-07,3709-10,3875-84,7691-96,8208-11, 6040,5839,8422-29,8402-03,8442		
LOCATION OF WORK:	U.T.M. 6045000/611500 to		6056000/628500
WORK PERIOD:	August 15th to October 10th, 1992		

CATEGORY OF WORK	Dimensions	Unit Cost	Cost
Geological mapping			
Reconnaissance	nil		$0.00
Detail -			
Surface	nil		$0.00
Underground	nil		$0.00
Other	nil		$0.00
Geophysical Surveys			
Method 1. Airborne Magnetic Survey (processing only)	all licences		$2,500.00
2. Ground Geophysical Survey on lic. #s. 4279,4280,4281 & 8403	3.5 line kms.		$26,000.00
Direct Current Profiling			
Max-Min I-10 Horizontal Loop			
Magnetic Methods			
Road Construction			
On licence nos.	5.2 kms. on #s 4278,4279,4280,4281,8403 & 3876		$52,000.00
Access to	nil		$29,600.00
Surface work			
Trenching (till sampling)	5x 4m x 1.5m		
Seam tracing	nil		$0.00
Cross-cutting	nil		$0.00
Other	nil		$0.00
Underground work			
Test adits	nil		$0.00
Other workings	nil		$0.00
Drilling			
Core-			
Diamond	19 holes; 2407.1 meters		$143,700.00
Wire-line	3 holes; 159.0 meters		$5,200.00
Rotary			
Conventional	24 holes; 2220.5 meters		$51,200.00
Reverse Circulation	nil		$0.00

Drilling con't.				
Contractors	J.T. Thomas Diamond Drilling & McAuley Drilling Co. Ltd.			
Core storage	Core that was retained is currently being stored within Manalta's on-site coreshack.			
Geophysical Logging	All holes were geophysically logged			$37,700.00
Contractors	BPB Geophysical Logging Co.			
Sampling				
Rock Sampling for A.R.D.	6 holes; 233 samples			
Coal ply samples	21 holes; 585 samples			
Testing				
A.R.D. Samples				$12,500.00
Coal Samples				$47,543.00
Other work		nil		$0.00
Reclamation work				$26,700.00

ON-PROPERTY COSTS: $503,100 .00

OFF-PROPERTY COSTS:

TOTAL EXPENDITURES:

30-Mar-93
(Date)

Angelo Ledda, Project Geologist