EOLOGICAL BRA
SSESSMENT REPORT
LEACH CREEK N.S. & E 75(6)A

RESERVE ESTIMATE CHARTS

KAISER RESOURCES LTD.

00342

342

Part 2/2

AREA: LEACH CREEK NORTH
TABLE Nº: 55

RESERVE ESTIMATE — (0-1500' COVER)

SEAM NAME	AVG. THICK.	PITCH 0–15° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 15°–30° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 30°–90° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	CUMULATIVE TOTALS — RECOVERABLE RESERVES: OPEN PIT MINING PROVEN	OPEN PIT MINING PARTIALLY EXPLORED	OPEN PIT MINING PROJECTED	UNDERGROUND CONVENTIONAL PROVEN	UNDERGROUND CONVENTIONAL PARTIALLY EXPLORED	UNDERGROUND CONVENTIONAL PROJECTED	UNDERGROUND HYDRAULIC PROVEN	UNDERGROUND HYDRAULIC PARTIALLY EXPLORED	UNDERGROUND HYDRAULIC PROJECTED	TOTALS (000's TONS CLEAN)	SEAM NAME
1	5.0								157	C	C					21,561	C	C														21,718	1
2	20.2															73,139	C	H													73,139	73,139	2
3	35.0															89,627	C	H													89,627	89,627	3
4	13.6															30,141	C	C														30,141	4
5U	15.5															33,568	C	C														33,568	5U
6	7.0															15,160	C	C														15,160	6
7	14.2															12,623	C	C														12,623	7
8L	35.2															31,290	C	H													31,290	31,290	8U
9U																																	9U
9L																																	9L
10																																	10
PROVEN																																	
PART. EXPL'D																																	
PROJECTED									157							307,109												113,210			194,056	307,266	
TOTALS									157							307,109																	

NOTE: (1) Average thickness computed from observations. (ie. drill holes, adit and outcrop measurements.)
(2)(i) Tons in place (cu. yds.) determined from: (a) Area of unmined coal.
(b) Average thickness as determined from (1)
(ii) 1 cu. yd. of coal in place = 1·15 net tons raw.
(iii) Slope correction applied to (2)(i)(a) (Area of unmined coal.) as follows:
(a) For 0°–15° pitch – correct on of 7 1/4° applied to area.
(b) For 15°–30° pitch – correction of 22 1/2° applied to area.
(c) For 30°–90° pitch – correction of 45° applied to area.

(3) Reserve Classification – Definitions for KRL property.
A – Proven Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground computed from observations (ie. drill holes, adits, outcrops, mine workings) spaced at intervals of 0·5 miles or less in areas of good geological continuity, with seam thickness greater than 5 feet and under less than 2500 feet of overburden.
B – Partially Explored Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground computed partially from observations generally spaced at intervals from 0·5 to 1·5 miles apart and partially from reasonable geological projections. Minimum seam thickness is 5 feet, and maximum overburden 2500 feet. Generally equivalent to "Probable" or "Indicated" in other systems of nomenclature.
C – Projected Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground where litte direct evidence is available but where geological studies have indicated the continuity of the coal bearing measures. Coal seam thickness projected from adjacent areas.

(4) Mining Method –
H – Probably better suited to hydraulic mining method. Used 50% recovery.
C – Probably suited to conventional room and pillar method. Used 15% recovery.
R – Probably suited to selective mining because of splits or proximity to other seams. Used 15% recovery.
O – Open Pit reserve. Assumed 85% recovery.

(5) Reserves Recoverable –
Proven Reserves (Recoverable) –
Proven Reserves (In Places) adjusted by well substantiated factors for mining and washing recovery.
Partially Explored Reserves (Recoverable) –
Partially Explored Reserves (In Place) adjusted by generalized factors for mining and washing recovery.

(6) Calculated yield (laboratory) at defined specific gravity arrived at by (a) bulk sample wash tests from adits and/or test pits, or (b) micro sample wash tests from adits and/or test pits.

TONS IN PLACE

00342 2/2

AREA:
TABLE Nº:

AREA: LEACH CREEK NORTH
TABLE Nº: 56

RESERVE ESTIMATE — (1500'-2500' COVER)

SEAM NAME	AVG. THICK.	PITCH 0–15° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 15°–30° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 30°–90° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	CUMULATIVE TOTALS — RECOVERABLE RESERVES: OPEN PIT MINING PROVEN	OPEN PIT MINING PARTIALLY EXPLORED	OPEN PIT MINING PROJECTED	UNDERGROUND CONVENTIONAL PROVEN	UNDERGROUND CONVENTIONAL PARTIALLY EXPLORED	UNDERGROUND CONVENTIONAL PROJECTED	UNDERGROUND HYDRAULIC PROVEN	UNDERGROUND HYDRAULIC PARTIALLY EXPLORED	UNDERGROUND HYDRAULIC PROJECTED	TOTALS (000's TONS CLEAN)	SEAM NAME
1	5.0	1,812	C	C					4,619	C	C					11,587	C	C														18,018	1
2	20.2	15,617	C	H					21,828	C	H					70,073	C	H										18,018						107,518	2
3	35.0	1,323	C	H					27,559	C	H					131,784	C	H																160,666	3
4	13.6								6,219	C	C					50,290	C	C										56,509						56,509	4
5U	15.5								3,744	C	C					51,080	C	C										54,824						54,824	5U
6	7.0								1,691	C	C					23,069	C	C										24,760						24,760	6
7	14.2								524	C	C					44,025	C	C										44,549						44,549	7
8U	35.2								1,298	C	H					109,133	C	H																110,431	8U
9U	25.8															57,304	C	H																57,304	9U
9L	27.2															60,414	C	H																60,414	9L
10	26.8															41,255	C	H																41,255	10
PROVEN																																			
PART. EXPL'D																																			
PROJECTED		18,752							67,482							650,014												178,660						537,588	
TOTALS		18,752							67,482							650,014																		736,248	

TONS IN PLACE

NOTE: (1) Average thickness computed from observations. (ie. drill holes, adit and outcrop measurements.)
(2)(i) Tons in place (cu. yds.) determined from : (a) Area of unmined coal.
(b) Average thickness as determined from (1)
(ii) 1 cu. yd. of coal in place = 1·15 net tons raw.
(iii) Slope correction applied to (2)(i)(a). (Area of unmined coal.) as follows:
(a) For 0°–15° pitch – correction of 7½° applied to area.
(b) For 15°–30° pitch – correction of 22½° applied to area.
(c) For 30°–90° pitch – correction of 45° applied to area.

(3) Reserve Classification – Definitions for KRL property.
A – Proven Reserves – (In Place) –
Tons of coal (1·15nt/cu.yd.) in the ground computed from observations (ie. drill holes, adits, outcrops, mine workings) spaced at intervals of 0·5 miles or less in areas of good geological continuity, with seam thickness greater than 5 feet and under less than 2500 feet of overburden.
B – Partially Explored Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground computed partially from observations generally spaced at intervals from 0·5 to 1·5 miles apart and partially from reasonable geological projections. Minimum seam thickness is 5 feet, and maximum overburden 2500 feet. Generally equivalent to "Probable" or "Indicated" in other systems of nomenclature.
C – Projected Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground where litte direct evidence is available but where geological studies have indicated the continuity of the coal bearing measures. Coal seam thickness projected from adjacent areas.

(4) Mining Method –
H – Probably better suited to hydraulic mining method. Used 50% recovery.
C – Probably suited to conventional room and pillar method. Used 15% recovery.
R – Probably suited to selective mining because of splits or proximity to other seams. Used 15% recovery.
O – Open Pit reserve. Assumed 85% recovery.

(5) Reserves Recoverable –
Proven Reserves (Recoverable) –
Proven Reserves (In Place) adjusted by well substantiated factors for mining and washing recovery.
Partially Explored Reserves (Recoverable) –
Partially Explored Reserves (In Place) adjusted by generalized factors for mining and washing recovery.

(6) Calculated yield (laboratory) at defined specific gravity arrived at by (a) bulk sample wash tests from adits and/or test pits, or (b) micro sample wash tests from adits and/or test pits.

00342 2/2

AREA:
TABLE Nº:

AREA: LEACH CREEK (NORTH)
TABLE Nº: 57

RESERVE ESTIMATE — (< 2500' COVER)

SEAM NAME	AVG. THICK.	PITCH 0–15° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 15°–30° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 30°–90° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	CUMULATIVE TOTALS — RECOVERABLE RESERVES: OPEN PIT MINING PROVEN	OPEN PIT MINING PARTIALLY EXPLORED	OPEN PIT MINING PROJECTED	UNDERGROUND CONVENTIONAL PROVEN	UNDERGROUND CONVENTIONAL PARTIALLY EXPLORED	UNDERGROUND CONVENTIONAL PROJECTED	UNDERGROUND HYDRAULIC PROVEN	UNDERGROUND HYDRAULIC PARTIALLY EXPLORED	UNDERGROUND HYDRAULIC PROJECTED	TOTALS (000's TONS CLEAN)	SEAM NAME
1	5.0	19,207	C	C					2,895	C	C					11,503	C	C													33,605	1
2	20.2	69,477	C	H					10,690	C	H					38,832	C	H													118,999	2
3	35.0	146,477	C	H					29,172	C	H					92,999	C	H													268,648	3
4	13.6	57,548	C	C					15,875	C	C					40,199	C	C													113,622	4
5u	15.5	65,720	C	C					21,236	C	C					50,744	C	C													137,700	5u
6	7.0	29,680	C	C					9,591	C	C					22,917	C	C													62,188	6
7	14.2	60,111	C	C					22,231	C	C					70,365	C	C													152,707	7
8u	35.2	149,007	C	H					55,108	C	H					174,427	C	H													378,542	8u
9u	25.8	108,728	C	H					41,343	C	H					173,964	C	H													324,035	9u
9L	27.2	114,628	C	H					43,586	C	H					183,404	C	H													341,618	9L
10	26.8	113,310	C	H					43,538	C	H					198,461	C	H													355,309	10
PROVEN																																
PART. EXPL'D																																
PROJECTED		933,893																														
TOTALS		933,893							295,265							1,057,815															1,787,151	2,286,969	
									295,265							1,057,815																2,286,969 TONS IN PLACE	

NOTE: (1) Average thickness computed from observations. (ie. drill holes, adit and outcrop measurements.)
(2)(i) Tons in place (cu. yds.) determined from: (a) Area of unmined coal.
(b) Average thickness as determined from (1)
(ii) 1 cu. yd. of coal in place = 1·15 net tons raw.
(iii) Slope correction applied to (2)(i)(a). (Area of unmined coal.) as follows:
(a) For 0°–15° pitch – correction of 7½° applied to area.
(b) For 15°–30° pitch – correction of 22½° applied to area.
(c) For 30°–90° pitch – correction of 45° applied to area.

(3) Reserve Classification – Definitions for KRL property.
A – Proven Reserves – (In Place) –
Tons of coal (1·15 nt/cu. yd.) in the ground computed from observations (ie. drill holes, adits, outcrops, mine workings) spaced at intervals of 0·5 miles or less in areas of good geological continuity, with seam thickness greater than 5 feet and under less than 2500 feet of overburden.
B – Partially Explored Reserves – (In Place) –
Tons of coal (1·15 nt/cu. yd.) in the ground computed partially from observations generally spaced at intervals from 0·5 to 1·5 miles apart and partially from reasonable geological projections. Minimum seam thickness is 5 feet, and maximum overburden 2500 feet. Generally equivalent to "Probable" or "Indicated" in other systems of nomenclature.
C – Projected Reserves – (In Place) –
Tons of coal (1·15 nt/cu. yd.) in the ground where litte direct evidence is available but where geological studies have indicated the continuity of the coal bearing measures. Coal seam thickness projected from adjacent areas.

(4) Mining Method –
H – Probably better suited to hydraulic mining method. Used 50% recovery.
C – Probably suited to conventional room and pillar method. Used 15% recovery.
R – Probably suited to selective mining because of splits or proximity to other seams. Used 15% recovery.
O – Open Pit reserve. Assumed 85% recovery.

(5) Reserves Recoverable –
Proven Reserves (Recoverable) –
Proven Reserves (In Place) adjusted by well substantiated factors for mining and washing recovery.
Partially Explored Reserves (Recoverable) –
Partially Explored Reserves (In Place) adjusted by generalized factors for mining and washing recovery.

(6) Calculated yield (laboratory) at defined specific gravity arrived at by (a) bulk sample wash tests from adits and/or test pits, or (b) micro sample wash tests from adits and/or test pits.

00342 2/2

AREA:
TABLE Nº:

AREA: LEACH CREEK SOUTH (COMPOSITE)
TABLE Nº: 58

RESERVE ESTIMATE — (0-1500' COVER)

SEAM NAME	AVG. THICK.	PITCH 0–15° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 15°–30° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 30°–90° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	CUMULATIVE TOTALS — RECOVERABLE RESERVES: OPEN PIT MINING PROVEN	OPEN PIT MINING PARTIALLY EXPLORED	OPEN PIT MINING PROJECTED	UNDERGROUND CONVENTIONAL PROVEN	UNDERGROUND CONVENTIONAL PARTIALLY EXPLORED	UNDERGROUND CONVENTIONAL PROJECTED	UNDERGROUND HYDRAULIC PROVEN	UNDERGROUND HYDRAULIC PARTIALLY EXPLORED	UNDERGROUND HYDRAULIC PROJECTED	TOTALS (000's TONS CLEAN)	SEAM NAME
2									585	C	C					27,101	C	C													27,686	2
3									395	C	C					36,287	C	C													36,682	3
5U									261	C	C					14,797	C	C													15,058	5U
5L									197	C	C					14,671	C	C													14,868	5L
7																8,226	C	C													8,226	7
8U																1,446	C	H													1,446	8U
8L																1,467	C	H													1,467	8L
9U																																9U
9L																																9L
PROVEN																																
PART. EXPL'D																																
PROJECTED									1,438							103,995														2,913	105,433	
TOTALS									1,438							103,995															105,433	

TONS IN PLACE

NOTE: (1) Average thickness computed from observations. (ie. drill holes, adit and outcrop measurements.)
(2)(i) Tons in place (cu. yds.) determined from: (a) Area of unmined coal.
(b) Average thickness as determined from (1)
(ii) 1 cu. yd. of coal in place = 1·15 net tons raw.
(iii) Slope correction applied to (2)(i)(a). (Area of unmined coal.) as follows:
(a) For 0°–15° pitch – correction of 1·1⅛ applied to area.
(b) For 15°–30° pitch – correction of 22⅛ applied to area.
(c) For 30°–90° pitch – correction of 45° applied to area.

(3) Reserve Classification – Definitions for KRL property.
A – Proven Reserves – (In Place) –
Tons of coal (1·15nt/cu.yd.) in the ground computed from observations (ie. drill holes, adits, outcrops, mine workings) spaced at intervals of 0·5 miles or less in areas of good geological continuity, with seam thickness greater than 5 feet and under less than 2500 feet of overburden.
B – Partially Explored Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground computed partially from observations generally spaced at intervals from 0·5 to 1·5 miles apart and partially from reasonable geological projections. Minimum seam thickness is 5 feet, and maximum overburden 2500 feet. Generally equivalent to "Probable" or "Indicated" in other systems of nomenclature.
C – Projected Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground where litte direct evidence is available but where geological studies have indicated the continuity of the coal bearing measures. Coal seam thickness projected from adjacent areas.

(4) Mining Method –
H – Probably better suited to hydraulic mining method. Used 50% recovery.
C – Probably suited to conventional room and pillar method. Used 15% recovery.
R – Probably suited to selective mining because of splits or proximity to other seams. Used 15% recovery.
O – Open Pit reserve. Assumed 85% recovery.

(5) Reserves Recoverable –
Proven Reserves (Recoverable) –
Proven Reserves (In Place) adjusted by well substantiated factors for mining and washing recovery.
Partially Explored Reserves (Recoverable) –
Partially Explored Reserves (In Place) adjusted by generalized factors for mining and washing recovery.

(6) Calculated yield (laboratory) at defined specific gravity arrived at by (a) bulk sample wash tests from adits and/or test pits, or (b) micro sample wash tests from adits and/or test pits.

00342 2/2

AREA:
TABLE Nº:

AREA: LEACH CREEK SOUTH (COMPOSITE)
TABLE Nº: 59

RESERVE ESTIMATE — (1500'-2500' COVER)

SEAM NAME	AVG. THICK.	PITCH 0–15° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 15°–30° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 30°–90° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	CUMULATIVE TOTALS — RECOVERABLE RESERVES: OPEN PIT MINING PROVEN	OPEN PIT MINING PARTIALLY EXPLORED	OPEN PIT MINING PROJECTED	UNDERGROUND CONVENTIONAL PROVEN	UNDERGROUND CONVENTIONAL PARTIALLY EXPLORED	UNDERGROUND CONVENTIONAL PROJECTED	UNDERGROUND HYDRAULIC PROVEN	UNDERGROUND HYDRAULIC PARTIALLY EXPLORED	UNDERGROUND HYDRAULIC PROJECTED	TOTALS (000's TONS CLEAN)	SEAM NAME
2		24,711	C	C					5,467	C	C					22,678	C	C										52,856				52,856	2
3		21,817	C	C					3,470	C	C					34,239	C	C										59,526				59,526	3
5U		14,866	C	C					1,327	C	C					17,447	C	C										33,640				33,640	5U
5L		11,208	C	C					1,001	C	C					17,289	C	C										29,507				29,507	5L
7																17,119	C	C										17,119				17,119	7
8U																23,787	C	H													23,787	23,787	8U
8L																24,131	C	H													24,131	24,131	8L
9U																3,604	C	C										3,604				3,604	9U
9L																9,100	C	H													9,100	9,100	9L
PROVEN																																	
PART. EXPL'D																																	
PROJECTED		72,602							11,265							169,403												196,252			57,018	253,270	
TOTALS		72,602							11,265							169,403																253,270	

TONS IN PLACE

NOTE: (1) Average thickness computed from observations. (ie. drill holes, adit and outcrop measurements.)
(2)(i) Tons in place (cu. yds) determined from: (a) Area of unmined coal.
(b) Average thickness as determined from (1)
(ii) 1 cu. yd. of coal in place = 1·15 net tons raw.
(iii) Slope correction applied to (2)(i)(a). (Area of unmined coal.) as follows:
(a) For 0°–15° pitch – correction of 7½° applied to area.
(b) For 15°–30° pitch – correction of 22½° applied to area.
(c) For 30°–90° pitch – correction of 45° applied to area.

(3) Reserve Classification – Definitions for KRL property.
A – Proven Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground computed from observations (ie. drill holes, adits, outcrops, mine workings) spaced at intervals of 0·5 miles or less in areas of good geological continuity, with seam thickness greater than 5 feet and under less than 2500 feet of overburden.
B – Partially Explored Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground computed partially from observations generally spaced at intervals from 0·5 to 1·5 miles apart and partially from reasonable geological projections. Minimum seam thickness is 5 feet, and maximum overburden 2500 feet. Generally equivalent to "Probable" or "Indicated" in other systems of nomenclature.
C – Projected Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground where litte direct evidence is available but where geological studies have indicated the continuity of the coal bearing measures. Coal seam thickness projected from adjacent areas.

(4) Mining Method –
H – Probably better suited to hydraulic mining method. Used 50% recovery.
C – Probably suited to conventional room and pillar method. Used 15% recovery.
R – Probably suited to selective mining because of splits or proximity to other seams. Used 15% recovery.
O – Open Pit reserve. Assumed 85% recovery.

(5) Reserves Recoverable –
Proven Reserves (Recoverable) –
Proven Reserves (In Place) adjusted by well substantiated factors for mining and washing recovery.
Partially Explored Reserves (Recoverable) –
Partially Explored Reserves (In Place) adjusted by generalized factors for mining and washing recovery.

(6) Calculated yield (laboratory) at defined specific gravity arrived at by (a) bulk sample wash tests from adits and/or test pits, or (b) micro sample wash tests from adits and/or test pits.

00342 2/2

AREA:
TABLE Nº:

AREA: LEACH CREEK SOUTH COMPOSITE
TABLE Nº: 60

RESERVE ESTIMATE — (+2500' COVER)

SEAM NAME	AVG. THICK.	PITCH 0–15° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 15°–30° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 30°–90° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)
2		13,896	C	C					11,001	C	C					43,514	C	C				
3		26,469	C	C					17,069	C	C					125,390	C	C				
5U		22,482	C	C					14,840	C	C					88,558	C	C				
5L		16,957	C	C					11,193	C	C					87,801	C	C				
7																103,232	C	C				
8U																188,794	C	H				
8L																191,530	C	H				
9U																79,054	C	C				
9L																199,611	C	H				
PROVEN																						
PART. EXPL'D																						
PROJECTED		79,804							54,103							1,107,484						
TOTALS		79,804							54,103							1,107,484						

CUMULATIVE TOTALS — RECOVERABLE RESERVES											
OPEN PIT MINING			UNDERGROUND CONVENTIONAL			UNDERGROUND HYDRAULIC			TOTALS (000's TONS CLEAN)	SEAM NAME
PROVEN	PARTIALLY EXPLORED	PROJECTED	PROVEN	PARTIALLY EXPLORED	PROJECTED	PROVEN	PARTIALLY EXPLORED	PROJECTED		
					68,411				68,411	2
					168,928				168,928	3
					125,880				125,880	5U
					115,951				115,951	5L
					103,232				103,232	7
								188,794	188,794	8U
								191,530	191,530	8L
					79,054				79,054	9U
								199,611	199,611	9L
					661,456			579,935	1,241,391	

NOTE: (1) Average thickness computed from observations. (ie. drill holes, adit and outcrop measurements.)
(2)(i) Tons in place (cu.yds) determined from : (a) Area of unmined coal.
(b) Average thickness as determined from (1)
(ii) 1 cu.yd. of coal in place = 1·15 net tons raw.
(iii) Slope correction applied to (2)(i)(a). (Area of unmined coal.) as follows:
(a) For 0°–15° pitch – correction of 7½° applied to area.
(b) For 15°–30° pitch – correction of 22½° applied to area.
(c) For 30°–90° pitch – correction of 45° applied to area.

(3) Reserve Classification – Definitions for KRL property.
A – Proven Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground computed from observations (ie. drill holes, adits, outcrops, mine workings) spaced at intervals of 0·5 miles or less in areas of good geological continuity, with seam thickness greater than 5 feet and under less than 2500 feet of overburden.
B – Partially Explored Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground computed partially from observations generally spaced at intervals from 0·5 to 1·5 miles apart and partially from reasonable geological projections. Minimum seam thickness is 5 feet, and maximum overburden 2500 feet. Generally equivalent to "Probable" or "Indicated" in other systems of nomenclature.
C – Projected Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground where litte direct evidence is available but where geological studies have indicated the continuity of the coal bearing measures. Coal seam thickness projected from adjacent areas.

(4) Mining Method –
H – Probably better suited to hydraulic mining method. Used 50% recovery.
C – Probably suited to conventional room and pillar method. Used 15% recovery.
R – Probably suited to selective mining because of splits or proximity to other seams. Used 15%-recovery.
O – Open Pit reserve. Assumed 85% recovery.

(5) Reserves Recoverable –
Proven Reserves (Recoverable) –
Proven Reserves (In Place) adjusted by well substantiated factors for mining and washing recovery.
Partially Explored Reserves (Recoverable) –
Partially Explored Reserves (In Place) adjusted by generalized factors for mining and washing recovery.

(6) Calculated yield (laboratory) at defined specific gravity arrived at by (a) bulk sample wash tests from adits and/or test pits, or (b) micro sample wash tests from adits and/or test pits.

TONS IN PLACE

00342 2/2

AREA:
TABLE Nº:

AREA: LEACH CREEK (MIDDLE)
TABLE Nº: 61

RESERVE ESTIMATE — (0-1500' COVER)

SEAM NAME	AVG. THICK.	PITCH 0–15°							PITCH 15°–30°							PITCH 30°–90°							CUMULATIVE TOTALS — RECOVERABLE RESERVES										SEAM NAME
																							OPEN PIT MINING			UNDERGROUND CONVENTIONAL			UNDERGROUND HYDRAULIC			TOTALS (000's TONS CLEAN)	
		TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PROVEN	PARTIALLY EXPLORED	PROJECTED	PROVEN	PARTIALLY EXPLORED	PROJECTED	PROVEN	PARTIALLY EXPLORED	PROJECTED	
2	9.0															27,101	C	C										27,101			27,101	2
3	18.9															36,287	C	C										36,287			36,287	3
5U	11.7															14,797	C	C										14,797			14,797	5U
5L	11.6															14,671	C	C										14,671			14,671	5L
7	12.6															8,226	C	C										8,226			8,226	7
8U	20.7															1,446	C	H										1,446			1,446	8U
8L	21.0															1,467	C	H										1,467			1,467	8L
9U																																9U
9L																																9L
PROVEN																																
PART. EXPL'D																																
PROJECTED																103,995												101,082			2,913	103,995	
TOTALS																103,995																103,995

TONS IN PLACE

NOTE: (1) Average thickness computed from observations. (ie. drill holes, adit and outcrop measurements.)
(2)(i) Tons in place (cu. yds.) determined from: (a) Area of unmined coal.
(b) Average thickness as determined from (1)
(ii) 1 cu. yd. of coal in place = 1·15 net tons raw.
(iii) Slope correction applied to (2)(i)(a). (Area of unmined coal.) as follows:
(a) For 0°–15° pitch – correction of 7½° applied to area.
(b) For 15°–30° pitch – correction of 22½° applied to area.
(c) For 30°–90° pitch – correction of 45° applied to area.

(3) Reserve Classification – Definitions for KRL property.
A – Proven Reserves – (In Place) –
Tons of coal (1·15nt/cu.yd.) in the ground computed from observations (ie. drill holes, adits, outcrops, mine workings) spaced at intervals of 0·5 miles or less in areas of good geological continuity, with seam thickness greater than 5 feet and under less than 2500 feet of overburden.
B – Partially Explored Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground computed partially from observations generally spaced at intervals from 0·5 to 1·5 miles apart and partially from reasonable geological projections. Minimum seam thickness is 5 feet, and maximum overburden 2500 feet. Generally equivalent to "Probable" or "Indicated" in other systems of nomenclature.
C – Projected Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground where litte direct evidence is available but where geological studies have indicated the continuity of the coal bearing measures. Coal seam thickness projected from adjacent areas.

(4) Mining Method –
H – Probably better suited to hydraulic mining method. Used 50% recovery.
C – Probably suited to conventional room and pillar method. Used 15% recovery.
R – Probably suited to selective mining because of splits or proximity to other seams. Used 15% recovery.
O – Open Pit reserve. Assumed 85% recovery.

(5) Reserves Recoverable –
Proven Reserves (Recoverable) –
Proven Reserves (In Place) adjusted by well substantiated factors for mining and washing recovery.
Partially Explored Reserves (Recoverable) –
Partially Explored Reserves (In Place) adjusted by generalized factors for mining and washing recovery.

(6) Calculated yield (laboratory) at defined specific gravity arrived at by (a) bulk sample wash tests from adits and/or test pits, or (b) micro sample wash tests from adits and/or test pits.

00342 2/2

AREA:
TABLE Nº:

AREA: LEACH CREEK (MIDDLE)
TABLE Nº: 62

RESERVE ESTIMATE — (1500'-2500' COVER)

SEAM NAME	AVG. THICK.	PITCH 0–15°							PITCH 15°–30°							PITCH 30°–90°							CUMULATIVE TOTALS — RECOVERABLE RESERVES										
																							OPEN PIT MINING			UNDERGROUND CONVENTIONAL			UNDERGROUND HYDRAULIC			TOTALS (000's TONS CLEAN)	SEAM NAME
		TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PROVEN	PARTIALLY EXPLORED	PROJECTED	PROVEN	PARTIALLY EXPLORED	PROJECTED	PROVEN	PARTIALLY EXPLORED	PROJECTED		
2	9.0															22,678	C	C							22,678						22,678	2
3	18.9															34,239	C	C							34,239						34,239	3
5U	11.7															17,447	C	C							17,447						17,447	5U
5L	11.6															17,298	C	C							17,298						17,298	5L
7	12.6															17,119	C	C							17,119						17,119	7
8U	20.7															23,787	C	H												23,787	23,787	8U
8L	21.0															24,131	C	H												24,131	24,131	8L
9U	8.0															3,604	C	C							3,604						3,604	9U
9L	20.2															9,100	C	H												9,100	9,100	9L
PROVEN																																
PART. EXPL'D																																
PROJECTED																169,403									112,385					57,018	169,403	
TOTALS																169,403															169,403 TONS IN PLACE	

NOTE: (1) Average thickness computed from observations. (ie. drill holes, adit and outcrop measurements.)
(2)(i) Tons in place (cu.yds) determined from: (a) Area of unmined coal.
(b) Average thickness as determined from (1)
(ii) 1 cu.yd. of coal in place = 1·15 net tons raw.
(iii) Slope correction applied to (2)(i)(a). (Area of unmined coal.) as follows:
(a) For 0°–15° pitch – correction of 7½° applied to area.
(b) For 15°–30° pitch – correction of 22½° applied to area.
(c) For 30°–90° pitch – correction of 45° applied to area.

(3) Reserve Classification – Definitions for KRL property.
A – Proven Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground computed from observations (ie. drill holes, adits, outcrops, mine workings) spaced at intervals of 0·5 miles or less in areas of good geological continuity, with seam thickness greater than 5 feet and under less than 2500 feet of overburden.
B – Partially Explored Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground computed partially from observations generally spaced at intervals from 0·5 to 1·5 miles apart and partially from reasonable geological projections. Minimum seam thickness is 5 feet, and maximum overburden 2500 feet. Generally equivalent to "Probable" or "Indicated" in other systems of nomenclature.
C – Projected Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground where litte direct evidence is available but where geological studies have indicated the continuity of the coal bearing measures. Coal seam thickness projected from adjacent areas.

(4) Mining Method –
H – Probably better suited to hydraulic mining method. Used 50% recovery.
C – Probably suited to conventional room and pillar method. Used 15% recovery.
R – Probably suited to selective mining because of splits or proximity to other seams. Used 15% recovery.
O – Open Pit reserve. Assumed 85% recovery.
(5) Reserves Recoverable –
Proven Reserves (Recoverable) –
Proven Reserves (In Place) adjusted by well substantiated factors for mining and washing recovery.
Partially Explored Reserves (Recoverable) –
Partially Explored Reserves (In Place) adjusted by generalized factors for mining and washing recovery.

(6) Calculated yield (laboratory) at defined specific gravity arrived at by (a) bulk sample wash tests from adits and/or test pits, or (b) micro sample wash tests from adits and/or test pits.

00342 2/2

AREA:
TABLE Nº:

AREA: LEACH CREEK (MIDDLE)
TABLE Nº: 63

RESERVE ESTIMATE — (1/2500' COVER)

SEAM NAME	AVG. THICK.	PITCH 0–15° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 15°–30° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 30°–90° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)
2	9.0															43,514	C	C				
3	18.9															125,390	C	C				
5U	11.7															88,558	C	C				
5L	11.6															87,801	C	C				
7	12.6															103,232	C	C				
8U	20.7															188,794	C	H				
8L	21.0															191,530	C	H				
9U	8.0															79,054	C	C				
9L	20.2															199,611	C	H				
PROVEN																						
PART. EXPL'D																						
PROJECTED																1,107,484						
TOTALS																1,107,484						

SEAM NAME	CUMULATIVE TOTALS — RECOVERABLE RESERVES: OPEN PIT MINING PROVEN	OPEN PIT MINING PARTIALLY EXPLORED	OPEN PIT MINING PROJECTED	UNDERGROUND CONVENTIONAL PROVEN	UNDERGROUND CONVENTIONAL PARTIALLY EXPLORED	UNDERGROUND CONVENTIONAL PROJECTED	UNDERGROUND HYDRAULIC PROVEN	UNDERGROUND HYDRAULIC PARTIALLY EXPLORED	UNDERGROUND HYDRAULIC PROJECTED	TOTALS (000's TONS CLEAN)	SEAM NAME
2						43,514				43,514	2
3						125,390				125,390	3
5U						88,558				88,558	5U
5L						87,801				87,801	5L
7						103,232				103,232	7
8U									188,794	188,794	8U
8L									191,530	191,530	8L
9U						79,054				79,054	9U
9L									199,611	199,611	9L
PROVEN											
PART. EXPL'D											
PROJECTED						527,549			579,935	1,107,484	
TOTALS										1,107,484	

TONS IN PLACE

NOTE: (1) Average thickness computed from observations (ie. drill holes, adit and outcrop measurements.)
(2)(i) Tons in place (cu. yds.) determined from: (a) Area of unmined coal.
(b) Average thickness as determined from (1)
(ii) 1 cu. yd. of coal in place = 1·15 net tons raw.
(iii) Slope correction applied to (2)(i)(a). (Area of unmined coal as follows:
(a) For 0°–15° pitch – correction of 7 1/2° applied to area.
(b) For 15°–30° pitch – correction of 22 1/2° applied to area
(c) For 30°–90° pitch – correction of 45° applied to area

(3) Reserve Classification – Definitions for KRL property.
A – Proven Reserves – (In Place) –
Tons of coal (1·15 nt/cu. yd.) in the ground computed from observations (ie. drill holes, adits, outcrops, mine workings) spaced at intervals of 0·5 miles or less in areas of good geological continuity, with seam thickness greater than 5 feet and under less than 2500 feet of overburden.
B – Partially Explored Reserves – (In Place) –
Tons of coal (1·15 nt/cu. yd.) in the ground computed partially from observations generally spaced at intervals from 0·5 to 1·5 miles apart and partially from reasonable geological projections. Minimum seam thickness is 5 feet, and maximum overburden 2500 feet. Generally equivalent to "Probable" or "Indicated" in other systems of nomenclature.
C – Projected Reserves – (In Place) –
Tons of coal (1·15 nt/cu. yd.) in the ground where little direct evidence is available but where geological studies have indicated the continuity of the coal bearing measures. Coal seam thickness projected from adjacent areas.

(4) Mining Method –
H – Probably better suited to hydraulic mining method. Used 50% recovery.
C – Probably suited to conventional room and pillar method. Used 15% recovery.
R – Probably suited to selective mining because of splits or proximity to other seams. Used 15% recovery.
O – Open Pit reserve. Assumed 85% recovery.

(5) Reserves Recoverable –
Proven Reserves (Recoverable) –
Proven Reserves (In Place) adjusted by well substantiated factors for mining and washing recovery.
Partially Explored Reserves (Recoverable) –
Partially Explored Reserves (In Place) adjusted by generalized factors for mining and washing recovery.

(6) Calculated yield (laboratory) at defined specific gravity arrived at by (a) bulk sample wash tests from adits and/or test pits, or (b) micro sample wash tests from adits and/or test pits.

00342 2/2

AREA:
TABLE Nº:

AREA: LEACH CREEK (SOUTH)
TABLE Nº: 64

RESERVE ESTIMATE — (0-1500' COVER)

SEAM NAME	AVG. THICK.	PITCH 0–15° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 15°–30° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 30°–90° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	CUMULATIVE TOTALS — RECOVERABLE RESERVES: OPEN PIT MINING PROVEN	OPEN PIT MINING PARTIALLY EXPLORED	OPEN PIT MINING PROJECTED	UNDERGROUND CONVENTIONAL PROVEN	UNDERGROUND CONVENTIONAL PARTIALLY EXPLORED	UNDERGROUND CONVENTIONAL PROJECTED	UNDERGROUND HYDRAULIC PROVEN	UNDERGROUND HYDRAULIC PARTIALLY EXPLORED	UNDERGROUND HYDRAULIC PROJECTED	TOTALS (000's TONS CLEAN)	SEAM NAME
2	12.2								585	C	C																				585	2
3	15.3								395	C	C																				395	3
5u.	11.8								261	C	C																				261	5u.
5L.	8.9								197	C	C																				197	5L.
PROVEN																																
PART. EXPL'D																																
PROJECTED									1,438																						1,438	
TOTALS									1,438																						1,438	

NOTE: (1) Average thickness computed from observations. (ie. drill holes, adit and outcrop measurements.)
(2)(i) Tons in place (cu. yds.) determined from: (a) Area of unmined coal.
(b) Average thickness as determined from (1)
(ii) 1 cu. yd. of coal in place = 1·15 net tons raw.
(iii) Slope correction applied to (2)(i)(a). (Area of unmined coal.) as follows:
(a) For 0°–15° pitch – correction of 7½° applied to area.
(b) For 15°–30° pitch – correction of 22½° applied to area.
(c) For 30°–90° pitch – correction of 45° applied to area.

(3) Reserve Classification – Definitions for KRL property.
A – Proven Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground computed from observations (ie. drill holes, adits, outcrops, mine workings) spaced at intervals of 0·5 miles or less in areas of good geological continuity, with seam thickness greater than 5 feet and under less than 2500 feet of overburden.
B – Partially Explored Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground computed partially from observations generally spaced at intervals from 0·5 to 1·5 miles apart and partially from reasonable geological projections. Minimum seam thickness is 5 feet, and maximum overburden 2500 feet. Generally equivalent to "Probable" or "Indicated" in other systems of nomenclature.
C – Projected Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground where little direct evidence is available but where geological studies have indicated the continuity of the coal bearing measures. Coal seam thickness projected from adjacent areas.

(4) Mining Method –
H – Probably better suited to hydraulic mining method. Used 50% recovery.
C – Probably suited to conventional room and pillar method. Used 15% recovery.
R – Probably suited to selective mining because of splits or proximity to other seams. Used 15% recovery.
O – Open Pit reserve. Assumed 85% recovery.

(5) Reserves Recoverable –
Proven Reserves (Recoverable) –
Proven Reserves (In Place) adjusted by well substantiated factors for mining and washing recovery.
Partially Explored Reserves (Recoverable) –
Partially Explored Reserves (In Place) adjusted by generalized factors for mining and washing recovery.

(6) Calculated yield (laboratory) at defined specific gravity arrived at by (a) bulk sample wash tests from adits and/or test pits, or (b) micro sample wash tests from adits and/or test pits.

TONS IN PLACE

00342 2/2

AREA:
TABLE Nº:

AREA: LEACH CREEK (SOUTH)
TABLE Nº: 65

RESERVE ESTIMATE — (1500'–2500' COVER)

SEAM NAME	AVG. THICK.	PITCH 0–15° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 15°–30° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 30°–90° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	CUMULATIVE TOTALS — RECOVERABLE RESERVES: OPEN PIT MINING PROVEN	OPEN PIT MINING PARTIALLY EXPLORED	OPEN PIT MINING PROJECTED	UNDERGROUND CONVENTIONAL PROVEN	UNDERGROUND CONVENTIONAL PARTIALLY EXPLORED	UNDERGROUND CONVENTIONAL PROJECTED	UNDERGROUND HYDRAULIC PROVEN	UNDERGROUND HYDRAULIC PARTIALLY EXPLORED	UNDERGROUND HYDRAULIC PROJECTED	TOTALS (000's TONS CLEAN)	SEAM NAME
2	12.2	24,711	C	C					5,467	C	C																				30,178	2
3	15.3	21,817	C	C					3,470	C	C																				25,287	3
5U	11.8	14,866	C	C					1,327	C	C																				16,193	5U
5L	8.9	11,208	C	C					1,001	C	C																				12,209	5L
PROVEN																																	
PART. EXPL'D																																	
PROJECTED		72,602							11,265																						83,867		
TOTALS		72,602							11,265																						83,867		

NOTE: (1) Average thickness computed from observations. (ie. drill holes, adit and outcrop measurements.)
(2)(i) Tons in place (cu.yds) determined from: (a) Area of unmined coal.
(b) Average thickness as determined from (1)
(ii) 1 cu.yd. of coal in place = 1·15 net tons raw.
(iii) Slope correction applied to (2)(i)(a). (Area of unmined coal.) as follows:
(a) For 0°–15° pitch – correction of 7½° applied to area.
(b) For 15°–30° pitch – correction of 22½° applied to area.
(c) For 30°–90° pitch – correction of 45° applied to area.

(3) Reserve Classification – Definitions for KRL property.
A – Proven Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground computed from observations (ie. drill holes, adits, outcrops, mine workings) spaced at intervals of 0·5 miles or less in areas of good geological continuity, with seam thickness greater than 5 feet and under less than 2500 feet of overburden.
B – Partially Explored Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground computed partially from observations generally spaced at intervals from 0·5 to 1·5 miles apart and partially from reasonable geological projections. Minimum seam thickness is 5 feet, and maximum overburden 2500 feet. Generally equivalent to "Probable" or "Indicated" in other systems of nomenclature.
C – Projected Reserves – (In Place.) –
Tons of coal (1·15 nt/cu.yd.) in the ground where little direct evidence is available but where geological studies have indicated the continuity of the coal bearing measures. Coal seam thickness projected from adjacent areas.

(4) Mining Method –
H – Probably better suited to hydraulic mining method. Used 50% recovery.
C – Probably suited to conventional room and pillar method. Used 15% recovery.
R – Probably suited to selective mining because of splits or proximity to other seams. Used 15% recovery.
O – Open Pit reserve. Assumed 85% recovery.

(5) Reserves Recoverable –
Proven Reserves (Recoverable) –
Proven Reserves (In Place) adjusted by well substantiated factors for mining and washing recovery.
Partially Explored Reserves (Recoverable) –
Partially Explored Reserves (In Place) adjusted by generalized factors for mining and washing recovery.

(6) Calculated yield (laboratory) at defined specific gravity arrived at by (a) bulk sample wash tests from adits and/or test pits, or (b) micro sample wash tests from adits and/or test pits.

TONS IN PLACE

00342 2/2
AREA:
TABLE Nº:

AREA: LEACH CREEK (SOUTH)
TABLE Nº: 66

RESERVE ESTIMATE — (+2500' COVER)

SEAM NAME	AVG. THICK.	PITCH 0–15° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 15°–30° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	PITCH 30°–90° TONS IN PLACE (000's)	RESERVE CLASS.	MINING METHOD	TONS RECOVERED (000's)	CALC. YIELD	AT SP. GR.	TONS WASHED (000's)	CUMULATIVE TOTALS — RECOVERABLE RESERVES: OPEN PIT MINING PROVEN	OPEN PIT MINING PARTIALLY EXPLORED	OPEN PIT MINING PROJECTED	UNDERGROUND CONVENTIONAL PROVEN	UNDERGROUND CONVENTIONAL PARTIALLY EXPLORED	UNDERGROUND CONVENTIONAL PROJECTED	UNDERGROUND HYDRAULIC PROVEN	UNDERGROUND HYDRAULIC PARTIALLY EXPLORED	UNDERGROUND HYDRAULIC PROJECTED	TOTALS (000's TONS CLEAN)	SEAM NAME
2	12.2	13,896	C	C					11,001	C	C																				24,897	2
3	15.3	26,469	C	C					17,069	C	C																				43,538	3
5U	11.8	22,482	C	C					14,840	C	C																				37,322	5U
5L	8.9	16,957	C	C					11,193	C	C																				28,150	5L
PROVEN																																
PART. EXPL'D																																
PROJECTED		79,804							54,103																						133,907	
TOTALS		79,804							54,103																						133,907	

TONS IN PLACE

NOTE: (1) Average thickness computed from observations. (ie. drill holes, adit and outcrop measurements.)
(2)(i) Tons in place (cu. yds) determined from: (a) Area of unmined coal.
(b) Average thickness as determined from (1)
(ii) 1 cu. yd. of coal in place = 1·15 net tons raw.
(iii) Slope correction applied to (2)(i)(a). (Area of unmined coal.) as follows:
(a) For 0°–15° pitch – correction of 7½° applied to area.
(b) For 15°–30° pitch – correction of 22½° applied to area.
(c) For 30°–90° pitch – correction of 45° applied to area.

(3) Reserve Classification – Definitions for KRL property.
A – Proven Reserves – (In Place) –
Tons of coal (1·15nt/cu.yd.) in the ground computed from observations (ie. drill holes, adits, outcrops, mine workings) spaced at intervals of 0·5 miles or less in areas of good geological continuity, with seam thickness greater than 5 feet and under less than 2500 feet of overburden.
B – Partially Explored Reserves – (In Place) –
Tons of coal (1·15nt/cu.yd.) in the ground computed partially from observations generally spaced at intervals from 0·5 to 1·5 miles apart and partially from reasonable geological projections. Minimum seam thickness is 5 feet, and maximum overburden 2500 feet. Generally equivalent to "Probable" or "Indicated" in other systems of nomenclature.
C – Projected Reserves – (In Place) –
Tons of coal (1·15 nt/cu.yd.) in the ground where litte direct evidence is available but where geological studies have indicated the continuity of the coal bearing measures. Coal seam thickness projected from adjacent areas.

(4) Mining Method –
H – Probably better suited to hydraulic mining method. Used 50% recovery.
C – Probably suited to conventional room and pillar method. Used 15% recovery.
R – Probably suited to selective mining because of splits or proximity to other seams. Used 15% recovery.
O – Open Pit reserve. Assumed 85% recovery.
(5) Reserves Recoverable –
Proven Reserves (Recoverable) –
Proven Reserves (In Place) adjusted by well substantiated factors for mining and washing recovery.
Partially Explored Reserves (Recoverable) –
Partially Explored Reserves (In Place) adjusted by generalized factors for mining and washing recovery.

(6) Calculated yield (laboratory) at defined specific gravity arrived at by (a) bulk sample wash tests from adits and/or test pits, or (b) micro sample wash tests from adits and/or test pits.

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TABLE Nº: