

REPORT TC14-01

THIESS COAL SYSTEM

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LAUNCESTON.

GEOLOGICAL LOG REPORT

ATP EL2080
LAUNCESTON

TENEMENT 2080

STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
					46.50	0.30	INFERIOR LIGNITE	Woody textured; peaty; dark brown - black; firm; friable; fibrous.
					47.00	0.50	INFERIOR LIGNITE	Clayey; woody textured; dark brown - black; firm; friable; fibrous; Additional features include: peaty.
					49.30	2.30	CLAY	Carbonaceous; medium to dark brown - grey; firm; low plasticity (clay); CHANGE CIRCULATING FLUID AT 48 METRES
					59.60	10.30	CLAY	Silt; light white - grey; soft; low plasticity (clay).
					61.30	1.70	INFERIOR LIGNITE	Woody textured; peaty; medium to dark brown - black; firm; friable; Bands include: INFERIOR LIGNITE; woody textured; peaty; medium to dark brown - black; low strength; brittle.
					62.30	1.00	CLAY	Kaolinitic; light to medium grey - brown; firm; high plasticity (clay); common woody fragments.
					63.00	0.70	LIGNITE	Woody textured; peaty; medium to dark brown; firm; friable; fibrous.
					68.50	5.50	CLAY	Light to medium grey - brown; firm; high plasticity (clay).
					69.20	0.70	SIDERITE	Light to medium brown; extremely high strength; tough; Bands include: SIDERITE; light to medium brown; high strength; brittle.
					74.80	7.60	CLAY	Silt; light to medium grey - brown; firm; low plasticity (clay); common woody fragments; Bands include: INFERIOR LIGNITE; 00.20 m thick; base at 0071.50m; woody textured; peaty; medium to dark brown; firm; friable; LIGNITES OF SEAM 3 ARE CHARACTERIZED * BY A SPONGY FIBROUS NATURE AND * HIGH INHERENT CLAY CONTENT * LOG REWRITTEN FROM GEOPHYSICAL LOG * ENTIRELY FROM 0 TO 35 METRES

END OF BORE AT 74.80 m