

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
					0.50	0.50	SAND	Silty; medium to dark brown; weathered; medium dense; non-plastic; fine and medium grained.
					0.80	0.30	GRAVEL	Medium to dark brown - red; medium dense; non-plastic; iron oxide; cement.
					5.00	4.20	CLAY	Interbedded 50:50; Additional features include: buff; CLAY: mottled off white - yellow; firm; low plasticity (clay); Additional features include: buff.
					5.50	0.50	CLAY	Silty; light to medium buff; firm; low plasticity (clay).
					9.00	3.50	CLAY	Mottled buff - brown; firm; low plasticity (clay); Additional features include: off white; Bands include: CLAY; mottled buff - brown; stiff; low plasticity (clay); Additional features include: off white - yellow; Additional features include: pink; WITH SOME GRAVEL BANDS; CEMENTED IRON- STONE BANDS
					16.00	7.00	CLAY	Mottled buff - grey; firm; high plasticity (clay); Additional features include: off white; Bands include: CLAY; mottled buff - orange; firm; high plasticity (clay); CHANGED CIRCUITING FLUID AT 16M
					23.50	7.50	CLAY	Silty; light to medium grey - brown; firm; low plasticity (clay); rare lissaceous wisps; NON KERAGINOUS CLAY
					26.50	3.00	CLAY	Bands include: SIDERITE; 00.20 m thick; base at 0018.20m; light white - grey; low strength; brittle; Bands include: SIDERITE; 00.05 m thick; base at 0020.55m; light white - grey; low strength; brittle; Bands include: SIDERITE; 00.10 m thick; base at 0023.50m; light to medium brown; extremely high strength; tough. Medium to dark grey; firm; high plasticity (clay).