

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
				R	0.30	0.30	SOIL	Silty; sandy; light to medium grey; loose; non-plastic.
					2.10	1.80	SAND	Silty; clayey; light to medium yellow - grey; loose; non-plastic; coarsening upwards.
					3.20	1.10	SAND	Clayey; light to medium brown; loose; non-plastic.
					5.00	1.80	CLAY and CLAY	Interbedded 50:50. CLAY: sandy; light to medium red; firm; low plasticity (clay); CLAY: sandy; light to medium grey; firm; low plasticity (clay).
					6.15	1.15	CLAY	Ligneous; light to medium brown - grey; firm; low plasticity (orsanic); occasional ligneous fragments; MAY BE A WEATHERED/OXIDIZED LIGNITE
					8.70	2.55	CLAY	Light to medium grey - brown; firm; high plasticity (clay).
					9.35	0.65	SIDERITE	Light brown; low strength; brittle.
					12.40	3.05	CLAY	Ligneous; light to medium brown; firm; high plasticity (orsanic); occasional ligneous fragments.
					14.40	2.00	CLAY	Light to medium grey - brown; firm; high plasticity (clay); common ligneous fragments.
					19.85	5.45	CLAY	Light to medium grey; firm; high plasticity (clay); common manganese; secondary; nodules; Additional features include: common iron oxide; secondary; nodules; Bands include: SIDERITE, light brown; low strength; brittle.
					24.25	4.40	CLAY and LIGNEOUS CLAY	Interbedded 60:40. CLAY: medium to dark grey; firm; high plasticity (clay); LIGNEOUS CLAY: medium to dark brown - grey; firm; high plasticity (orsanic).
					36.10	11.85	CLAY	Silty; light to medium grey; firm; low plasticity (clay).
				C2685	36.16	0.06	SAND	Woody textured; medium to dark grey; stiff; friable; sood core - unbroken; siderite; secondary; cement.
				C2685	36.27	0.11	CLAY	Ligneous; dark brown; firm; low plasticity (orsanic); sood core - unbroken; sharp planar base.