

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
TE					1.60	1.60	CLAY	Sandy, gravelly, light to medium orange - brown, weathered, firm, low plasticity (clay); fine and medium grained; Additional features include: quartzose; MEDIUM GRAVEL, WELL ROUNDED
TE					2.20	0.60	SAND	Clayey, quartzose, light to medium orange - grey, weathered, medium dense, non-plastic, fine and medium grained.
TE					4.40	2.20	CLAY	Sandy, quartzose, mottled pink - orange, firm, low plasticity (clay); abundant iron oxide; secondary, staining; Additional features include: white - grey; Bands include: IRONSTONE - UN-DIFFERENTIATED, sandy, light to medium orange - brown, low strength, brittle.
TE					16.00	11.60	CLAY	Mottled buff - pink, firm, low plasticity (clay); Additional features include: yellow; WITH A TRACE OF SAND
TE					18.00	2.00	CLAY	Light to medium brown - khaki, firm, low plasticity (clay).
TE					43.00	25.00	CLAY and CLAY	Interbedded 80:20. CLAY: medium to dark grey, firm, low plasticity (clay); CLAY: light to medium brown - grey, firm, low plasticity (clay).
TE					48.00	5.00	CLAY and SILT	Interbedded 80:20. CLAY: silty, medium to dark grey, firm, low plasticity (clay); SILT: clayey, medium to dark grey, loose, non-plastic.
TE					59.50	11.50	SILT	Clayey, medium to dark grey - yellow, loose, non-plastic, fine grained.
TE					69.80	10.30	SAND	Woody textured, light to medium grey - green, loose, non-plastic, medium and coarse grained.
					70.20	0.40	SHALE	Silicified, light to medium grey, high strength, tough; PRE-TERTIARY BASEMENT INTERSECTED

END OF BORE AT 70.20 m
