

041

REPORT TC14-01

THIESS COAL SYSTEM

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LAUNCESTON.

GEOLOGICAL LOG REPORT

ATP EL2080
LAUNCESTON

TENEMENT 2080

STRAT NAME	SEG NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
					13.00	0.70	SAND	Gravelly, quartzose, light to medium orange - brown, medium dense, non-plastic.
					15.70	2.70	CLAY	Light to medium grey - brown, firm, high plasticity (clay).
					17.00	1.30	INFERIOR LIGNITE	Clayey, medium to dark brown - black, firm, low plasticity (organic).
					17.40	0.40	LIGNEOUS CLAY	Medium to dark brown - black, firm, high plasticity (organic); Bands include: CLAY, carbonaceous, light to medium brown - grey, firm, low plasticity (clay).
					18.80	1.40	INFERIOR LIGNITE	Clayey, medium to dark brown - black, firm, low plasticity (organic); Bands include: INFERIOR LIGNITE, medium to dark brown - black, firm, friable; Bands include: LIGNEOUS CLAY, medium to dark brown, firm, high plasticity (organic).
					19.40	0.60	CLAY	Carbonaceous, light to medium grey - brown, firm, low plasticity (clay).
					20.50	1.10	LIGNEOUS CLAY	Medium to dark brown - black, firm, low plasticity (organic).
					21.00	0.50	LIGNITE	Medium to dark black - brown, firm, friable.
					23.20	2.20	LIGNEOUS CLAY and INFERIOR LIGNITE	Interbedded 60:40. LIGNEOUS CLAY: medium to dark brown - black, firm, low plasticity (organic); INFERIOR LIGNITE: clayey, medium to dark black - brown, firm, friable;
								THE INTERVAL 15.7 TO 23.2 METRES IS INTERPRETED *
								FROM THE GEOPHYSICAL LOG. THE LOG SHOWS AN ANOMOLOUS GAMMA VS DENSITY RESPONSE *
					24.70	1.50	LIGNITE	Medium to dark black - brown, firm, friable; Bands include: LIGNEOUS CLAY, medium to dark brown - black, firm, low plasticity (organic).
					25.20	0.50	INFERIOR LIGNITE	Woody textured, medium to dark black - brown, firm, friable.
					25.90	0.70	LIGNITE	Woody textured, medium to dark black - brown, firm, friable.

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