

REPORT TC14-01
LAUNCESTON.

THIESS COAL SYSTEM
GEOLOGICAL LOG REPORT

PAGE 54 11/ 6/82 16:28:22
ATP EL2080 TENEMENT 2080
LAUNCESTON

EL2080 LAUNCESTON. R0024

Eastings: 489430.000
Northings: 5411150.000
Grid Type: Australian Mapping Grid
Accuracy: Approximate
CPI: 197.00
Datum: Approximate Level - Not Surveyed
Sheet Reference:
Sheet Index:
Total Depth: 76.20
Drilling Commenced: 11/11/81
Drilling Completed: 12/11/81
Inclination:
Azimuth:
Standing Water Level: 1.7

Logging Organisation: CSR Exploration and Evaluation Group
Logged By: HINRICHS
Drilling Contractor: H.J. Stacroole
Geophysical Logging: Murdoch Geophysics

Counts:
Parish:
Portion:

Flud Depth:
Hole Diameter: 120
Core Diameter:
Cased Depth:
Core Barrel:

Available Data: Gamma Loss
Density Loss
Resistivity Loss
Caliper Loss

Drill Bits: Blades
Percussion

ALL ROCKS ARE FRESH UNLESS OTHERWISE INDICATED

STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
					4.50	4.50	GRAVEL	Clayey, medium to dark brown - orange, weathered, medium dense, non-plastic.
					9.50	5.00	BASALT	Gravelly, clayey, dark black - brown, weathered, high strength, brittle.
					22.70	13.20	BASALT	Dark black, slightly weathered, extremely high strength, tough; POSSIBLY VESICULAR IN PART
					48.90	26.20	SAND	Clayey, light grey - white, medium dense, non-plastic, fined upwards, common wood fragments.
					49.50	0.60	LIGNEOUS CLAY	Medium to dark brown, firm, low plasticity (organic).
					50.00	0.50	CLAY	Carbonaceous, medium to dark brown - grey, firm, high plasticity (clay).
					50.30	0.30	INFERIOR LIGNITE	Clayey, medium to dark brown - black, firm, friable.
					51.40	1.10	LIGNEOUS CLAY	Medium to dark brown, firm, low plasticity (organic).
					51.80	0.40	INFERIOR LIGNITE	Clayey, medium to dark brown - black, firm, friable.
					52.40	0.60	CLAY	Carbonaceous, medium to dark brown - grey, firm, high plasticity (clay).
					52.70	0.30	LIGNEOUS CLAY	Medium to dark brown, firm, low plasticity (organic).
					53.10	0.40	CLAY	Carbonaceous, medium to dark brown - grey, firm, high plasticity (clay).
					53.55	0.45	INFERIOR LIGNITE	Clayey, medium to dark brown, firm, friable.
					54.50	0.95	LIGNEOUS CLAY	Medium to dark brown, firm, low plasticity (organic).
					55.20	0.70	CLAY	Carbonaceous, medium to dark brown - grey, firm, high plasticity (clay).
					55.50	0.30	LIGNEOUS CLAY	Medium to dark brown, firm, high plasticity (organic).
					55.90	0.40	CLAY	Carbonaceous, medium to dark brown - grey, firm, high plasticity (clay).

STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
					56.20	0.30	LIGNEOUS CLAY	Medium to dark brown; firm; high plasticity (orsanic).
					61.50	5.30	CLAY	Woody textured; light to medium grey - brown; firm; low plasticity (clay).
					61.90	0.40	INFERIOR LIGNITE	Clayey; medium to dark brown - black; firm; friable.
					63.90	2.00	CLAY	Carbonaceous; medium to dark brown - grey; firm; low plasticity (clay).
					64.80	0.90	INFERIOR LIGNITE	Clayey; medium to dark brown - black; firm; friable.
					65.60	0.80	CLAY	Carbonaceous; medium to dark brown - grey; firm; low plasticity (clay).
					66.30	0.70	INFERIOR LIGNITE	Clayey; medium to dark brown - black; firm; friable.
					69.30	3.00	CLAY	Carbonaceous; medium to dark brown - grey; firm; low plasticity (clay).
					69.80	0.50	INFERIOR LIGNITE	Clayey; medium to dark brown - black; firm; friable.
					70.85	1.05	LIGNEOUS CLAY	Medium to dark brown; firm; low plasticity (orsanic).
					71.80	0.95	CLAY	Carbonaceous; medium to dark brown - grey; firm; high plasticity (clay).
					72.30	0.50	LIGNEOUS CLAY	Medium to dark brown; firm; low plasticity (orsanic).
					72.80	0.50	CLAY	Carbonaceous; medium to dark brown - grey; firm; high plasticity (clay).
					73.45	0.65	LIGNEOUS CLAY	Medium to dark brown; firm; low plasticity (orsanic).
					73.90	0.45	INFERIOR LIGNITE	Clayey; medium to dark brown - black; firm; friable.
					76.20	2.30	CLAY	Carbonaceous; medium to dark brown - grey; firm; high plasticity (clay);

DOWN HOLE HAMMER WAS USED TO PENETRATE *
BASALT.

END OF BORE AT 76.20 m
