

177

REPORT TC14-01

THIASS COAL SYSTEM

PAGE 70 11/ 6/82 16131:09

LAUNCESTON.

GEOLOGICAL LOG REPORT

ATP EL2080
LAUNCESTON

TENEMENT 2080

EL2080 LAUNCESTON. R0029

Eastings: 512720.000
Northings: 5390950.000
Grid Type: Australian Murrumbidgee Grid
Accuracy: Approximate
Gri: 140.00
Datum: Approximate Level - Not Surveyed
Sheet Reference:
Sheet Index:
Total Depth:
Drilling Commenced: 22/11/81
Drilling Completed: 22/11/82
Inclination:
Azimuth:
Standing Water Level: 2.6

Logging Description: CSF Exploration and Evaluation Group
Logged By: HINRICHS
Drilling Contractor: H.J. Stearcole
Geophysical Logging: Murdoch Geophysics

Counts:
Perish:
Portion:

Fluid Depths:
Hole Diameter:
Core Diameter: 150
Cased Depths:
Core Barrel:

Available Data: Gamma Log
Resistivity Log

Drill Bits: Blades

ALL ROCKS ARE FRESH UNLESS OTHERWISE INDICATED

EL2080 LAUNCESTON. R0029

771243

REPORT TC14-01

THIESS COAL SYSTEM

PAGE 71 11/ 6/82 16:31:09

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 B 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.
					26.50	3.00	CLAY	Medium to dark grey; firm; high plasticity (clay).

REPORT TC14-01

THIESS COAL SYSTEM

PAGE 72 11/ 6/82 16:31:10

LAUNCESTON.

GEOLOGICAL LOG REPORT

ATP EL2080 TENEMENT 2080
LAUNCESTON

STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
					27.70	1.20	SILCRETE	Light to medium grey, high strength, brittle.
					29.00	1.30	CLAY	Medium to dark grey, firm, high plasticity (clay).
					33.00	4.00	SAND	Medium to dark grey, loose, non-plastic, common woody fragments.
					43.00	10.00	SAND and SAND	Interbedded 60:40. SAND: medium to dark grey, loose, non-plastic, fine grained, common woody fragments; SAND: woody textured, cleave, medium to dark grey, loose, non-plastic, medium and coarse grained, common woody fragments.
					45.00	2.00	SAND	Medium to dark grey, medium dense, non-plastic, medium and coarse grained.
					46.80	1.80	SAND	Woody textured, light to medium green - grey, medium dense, non-plastic, medium and coarse grained, common woody fragments.
					47.80	1.00	GRAVEL	Cleave, light to medium green - grey, medium dense, non-plastic, granular; Additional features include: pebbles; GRAVEL CONTAINS DOLERITE AND SANDSTONE * CLASTS * HOLE ABANDONED DUE TO BLOCKING OF BIT * THROUGH GRAVELS *

END OF BORE AT 47.80 m

EL2080 LAUNCESTON. R0029