

096

\*\*\*\*\*  
EL2080 LAUNCESTON. R0017  
\*\*\*\*\*

Eastings: 492140.000  
Northings: 5406310.000  
Grid Type: Australian Mappings Grid  
Accuracy: Approximate  
Cr1: 155.00  
Datum: Approximate Level - Not Surveyed  
Sheet Reference:  
Sheet Index:  
Total Depth: 33.00  
Drillings Commenced: 03/11/81  
Drillings Completed: 03/11/81  
Inclination:  
Azimuth:  
Standing Water Level: 0.5

Logging Organisation: CSR Exploration and Evaluation Group  
Logged By: ELLIS  
Drillings Contractor: H.J. Steepole  
Geophysical Logging: Murdoch Geophysics

County:  
Parish:  
Portion:

Plus Depths:  
Hole Diameter: 120  
Core Diameter:  
Casal Depths:  
Core Barrel:

Available Data: Gamma Loss  
Density Loss  
Resistivity Loss  
Caliper Loss

Drill Bits: Blades  
Rollers  
Percussion

ALL ROCKS ARE FRESH UNLESS OTHERWISE INDICATED

EL2080 LAUNCESTON. R0017

771162

097

STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
					1.40	1.40	CLAY	Silty; medium to dark brown - grey; weathered; firm; high plasticity (clay); WITH A TRACE OF IRONSTONE GRAVEL
					1.60	0.20	CLAY	Mottled brown - yellow; weathered; firm; high plasticity (clay); WITH A TRACE OF IRONSTONE GRAVEL
					6.00	4.40	GRAVEL	Clayey; sandy; medium to dark brown - red; weathered; medium dense; non-plastic; fining upwards; FINE TO MEDIUM GRAVEL
					6.80	0.80	BASALT	Medium to dark grey - green; weathered; high strength; brittle; CHANGE TO DOWN HOLE HAMMER BIT AT * 6.8M. 120MM HOLE DIAMETER
					19.00	12.20	BASALT	Medium to dark grey - green; extremely high strength; tough; Bands include: CLAY; silty; sandy; light white - grey; firm; low plasticity (clay); Bands include: CLAY; indurated; light to medium green - grey; low strength; brittle; FROM 12M CHALCEDONNIC QUARTZ WAS * COMMON. BASALT LOOKS LIKE DOLERITE * DUE TO ALTERATION. * CLAY BANDS COMMONLY CONTAIN SMALL, LESS * THAN 1MM DIAMETER SPHEROIDS-MAYBE * FISOLITES FROM AN ASH BAND (TUFF).

EL2080 LAUNCESTON. R0017

771163

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
					19.20	0.20	CLAY and BASALT	Interbedded 50:50. CLAY: sandy, light grey - white, firm, low plasticity (clay); BASALT: medium to dark grey - green, high strength, brittle;  BASALT BANDS LESS COMMON TOWARDS *  BASE OF UNIT. CLAY MAY BE DERIVED FROM A TUFF. HOLE MAKING WATER, LESS THAN 100 GAL/HR AT 19M. *
TE					20.00	0.80	CLAY	Sandy, light grey - white, firm, low plasticity (clay), occasional limaceous fragments;  CHANGED TO 120MM BLADE BIT AT 19.3M
TE					22.90	2.90	CLAY and CLAY	Interbedded 60:40. CLAY: silty, light grey, firm, high plasticity (clay), occasional limaceous fragments; CLAY: silty, light to medium brown - grey, firm, low plasticity (clay).
					27.80	4.90	CLAY	Silty, indurated, light to medium grey, low strength, brittle.
					33.00	5.20	SHALE and CLAY	Interbedded 60:40. SHALE: silicified, medium to dark green, high strength, brittle, subfissile; CLAY: silty, light to medium grey, low strength, brittle;  TRIASSIC OR PERMIAN STRATA INTERSECTED *  FROM 22.9M TO TD

-----  
END OF BORE AT 33.00 m  
-----

EL2080 LAUNCESTON. R0017

098

771164