
EL2080 LAUNCESTON, C004R

Eastings: 493260.000
Northings: 5412960.000
Grid Type: Australian Mapping Grid
Accuracy: Approximate
Erl: 165.00
Datum: Approximate Level - Not Surveyed
Sheet Reference:
Sheet Index:
Total Depth: 43.14
Drilling Commenced: 03/12/81
Drilling Completed: 03/12/81
Inclination:
Azimuth:
Standing Water Level: 3.2

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

Counts:
Fishes:
Portion:

Plus Depths:
Hole Diameter: 150
Core Diameter: 100
Cased Depths:
Core Barrel: Tricfus Triple Barrel

Available Data: Gamma Loss
Density Loss
Resistivity Loss
Caliper Loss

Drill Bits: Rollers

ALL ROCKS ARE FRESH UNLESS OTHERWISE INDICATED

EL2080 LAUNCESTON, C004R

021
977089

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
				R	10.38	10.38	NO RECORD	
				C2784	10.68	0.30	CLAY	Light to medium grey - brown; firm; high plasticity (clay); good core - unbroken.
				C2784	10.72	0.04	CLAY	Light to medium brown; firm; high plasticity (clay); good core - unbroken.
				C2784	10.85	0.13	CLAY	Ligneous; medium to dark brown; firm; high plasticity (clay); good core - unbroken; common ligneous wisps.
				C2784	10.91	0.06	CLAY	Light to medium grey - brown; firm; high plasticity (clay); good core - unbroken; gradational base.
				C2784	11.03	0.12	CLAY	Light to medium brown; firm; high plasticity (clay); good core - unbroken.
				C2784	11.10	0.07	LIGNEOUS CLAY	Dark brown; firm; high plasticity (organic); good core - unbroken; occasional ligneous wisps.
				C2784	11.21	0.11	LIGNEOUS CLAY	Dark brown; firm; high plasticity (organic); good core - unbroken; subfissile; abundant ligneous wisps.
				C2784	11.61	0.40	CLAY	Light to medium brown - grey; firm; slickensides on fracture; high plasticity (clay); common; oblique joints; angle of joints 50 degrees; good core - unbroken; gradational base; occasional ligneous wisps; LESS CARBONACEOUS TOWARDS BASE
				C2784	12.00	0.39	CLAY	Light to medium grey - brown; firm; slickensides on fracture; high plasticity (clay); common; oblique joints; angle of joints 50 degrees.
				C2784	12.01	0.01	LIGNITE	Dark brown - black; firm; friable; good core - unbroken.
					13.31	1.30	CORE LOSS	CORE GROUND AWAY; BARREL NOT CLEARED OF BROKEN PVC CASING
				C2785	13.38	0.07	LIGNITE	Dark brown - black; firm; friable; good core - unbroken; fissile.

EL2080 LAUNCESTON, C004R

022

771090

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
				C2785	13.52	0.14	LIGNITE	Dark brown - black; firm; friable; good core - unbroken.
				C2785	13.59	0.07	LIGNITE	Dark brown - black; firm; friable; good core - unbroken; fissile.
				C2785	13.63	0.04	LIGNITE	Dark brown; firm; friable; good core - unbroken.
				C2785	13.65	0.02	INFERIOR LIGNITE	Clayey; dark brown; firm; low plasticity (ordanic); good core - unbroken; subfissile.
				C2785	13.72	0.07	LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken.
				C2785	13.74	0.02	LIGNEOUS CLAY	Dark brown - black; firm; low plasticity (clay); good core - unbroken.
				C2785	13.89	0.15	LIGNITE	Dark brown - black; firm; friable; good core - unbroken; sharp planar base; beds dip at 00 degrees.
				C2785	13.94	0.05	LIGNEOUS CLAY	Dark brown; firm; high plasticity (clay); good core - unbroken; sharp oblique base; beds dip at 03 degrees.
				C2785	14.07	0.13	LIGNITE	Dark brown; firm; friable; good core - unbroken; gradational base.
				C2785	14.14	0.07	LIGNITE	Dark brown - black; firm; friable; good core - unbroken; subfissile; gradational base.
				C2785	14.33	0.19	LIGNITE	Clayey; dark brown - black; firm; friable; good core - unbroken; common wood fragments; Bands include: LIGNEOUS CLAY; 00.05 m thick; base at 0014.28m; dark brown; firm; high plasticity (ordanic); good core - unbroken.
				C2785	14.45	0.12	LIGNITE	Dark brown; firm; friable; good core - unbroken.
				C2786	14.53	0.08	LIGNITE	Clayey; dark brown - black; firm; friable; good core - unbroken.
				C2786	14.57	0.04	LIGNEOUS CLAY	Dark brown; firm; low plasticity (ordanic); good core - unbroken.
				C2786	14.68	0.11	LIGNITE	Dark brown; firm; friable; good core - unbroken; sharp oblique base; beds dip at 05 degrees.
				C2786	14.69	0.01	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken; sharp oblique base; beds dip at 05 degrees.

EL2080 LAUNCESTON. C004R

023

771091

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
				C2786	14.75	0.06	LIGNITE	Dark brown; firm; friable; good core - unbroken; sharp oblique base; beds dip at 05 degrees.
				C2787	14.81	0.06	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken; sharp oblique base; beds dip at 05 degrees.
				C2787	14.88	0.07	LIGNITE	Dark brown; firm; friable; good core - unbroken; sharp oblique base; beds dip at 02 degrees.
				C2787	14.92	0.04	INFERIOR LIGNITE	Clayey; medium to dark brown; firm; friable; good core - unbroken; gradational base.
				C2787	15.26	0.34	LIGNITE	Dark brown - black; firm; friable; good core - unbroken; sharp planar base; beds dip at 00 degrees.
				C2788	15.30	0.04	LIGNEOUS CLAY	Dark brown; firm; friable; good core - unbroken.
				C2788	15.35	0.05	INFERIOR LIGNITE	Clayey; medium to dark brown - grey; firm; friable; good core - unbroken.
				C2788	15.45	0.10	INFERIOR LIGNITE	Clayey; medium to dark grey - brown; firm; friable; good core - unbroken; Bands include: LIGNEOUS CLAY; medium to dark brown; firm; low plasticity (argenic); good core - unbroken.
				C2788	15.68	0.23	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken; sharp planar base; beds dip at 00 degrees.
				C2788	15.83	0.15	LIGNITE	Dark brown; firm; friable; good core - unbroken.
				C2788	15.90	0.07	CLAY	Dark brown - grey; firm; low plasticity (clay); good core - unbroken.
				C2788	15.93	0.03	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken.
				C2788	15.95	0.02	LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken.
				C2788	15.98	0.03	LIGNITE	Dark brown; firm; friable; good core - unbroken.
				C2788	16.00	0.02	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken.
				C2788	16.10	0.10	LIGNITE	Dark brown; firm; friable; good core - unbroken.
				C2788	16.15	0.05	LIGNITE	Clayey; dark brown - black; firm; friable; good core - unbroken; fissile.

EL2080 LAUNCESTON. C004R

024

771092

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
				C2788	16.24	0.09	LIGNITE	Dark brown, firm, friable, good core - unbroken.
				C2788	16.30	0.06	LIGNEOUS CLAY	Medium to dark brown, firm, high plasticity (clay), good core - unbroken, subfissile.
				C2788	16.32	0.02	LIGNITE	Dark brown, firm, friable, good core - unbroken.
				C2790	16.36	0.04	LIGNITE	Dark brown - black, firm, friable, good core - unbroken.
				C2790	16.37	0.01	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken, gradational base.
				C2790	16.44	0.07	LIGNEOUS CLAY	Dark brown - grey, firm, friable, good core - unbroken, subfissile.
				C2790	16.47	0.03	INFERIOR LIGNITE	Clayey, dark black - brown, firm, friable, good core - unbroken.
				C2790	16.50	0.03	LIGNEOUS CLAY	Dark brown - grey, firm, low plasticity (argonic), good core - unbroken.
				C2790	16.55	0.05	LIGNEOUS CLAY	Dark brown, firm, low plasticity (argonic), good core - unbroken.
				C2790	16.60	0.05	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken.
				C2790	16.65	0.05	LIGNEOUS CLAY	Medium to dark brown - grey, firm, low plasticity (argonic), good core - unbroken.
				C2790	16.68	0.03	LIGNEOUS CLAY	Dark grey - brown, firm, low plasticity (clay), good core - unbroken.
				C2790	16.75	0.07	INFERIOR LIGNITE	Clayey, dark brown - grey, firm, friable, good core - unbroken.
				C2790	16.86	0.11	LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken.
				C2790	16.90	0.04	LIGNITE	Dark brown - black, firm, friable, good core - unbroken.
				C2790	17.08	0.18	LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken.
				C2791	17.13	0.05	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken.

EL2080 LAUNCESTON, 0004R

035

771093

STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2791	17.20	0.07	LIGNEOUS CLAY	Medium to dark brown; firm; low plasticity (clay); good core - unbroken.
				C2791	17.75	0.55	CLAY	Ligneous; medium to dark brown; firm; high plasticity (argonic); good core - unbroken.
				C2791	17.77	0.02	INFERIOR LIGNITE	Clayey; medium to dark brown - grey; firm; friable; good core - unbroken.
				C2792	17.82	0.05	LIGNITE	Dark brown; firm; friable; good core - unbroken; sharp irregular base.
				C2792	17.85	0.03	CLAY	Ligneous; medium to dark brown - grey; firm; high plasticity (clay); good core - unbroken; occasional ligneous wisps.
				C2792	17.86	0.01	LIGNITE	Dark brown; firm; friable; good core - unbroken.
				C2792	17.88	0.02	LIGNEOUS CLAY	Medium to dark brown; firm; low plasticity (clay); good core - unbroken.
				C2792	17.99	0.11	LIGNITE	Dark brown; firm; friable; good core - unbroken; Bands include: INFERIOR LIGNITE; medium to dark brown - grey; firm; friable; good core - unbroken.
				C2792	18.02	0.03	LIGNEOUS CLAY	Medium to dark brown - grey; firm; low plasticity (clay); good core - unbroken.
				C2792	18.09	0.07	CLAY	Light to medium brown; firm; low plasticity (clay); good core - unbroken; gradational base.
				C2792	18.12	0.03	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken.
				C2792	18.14	0.02	LIGNEOUS CLAY	Medium to dark brown; firm; low plasticity (clay); good core - unbroken.
				C2792	18.38	0.24	LIGNITE	Dark brown; firm; friable; good core - unbroken.
				C2792	18.40	0.02	INFERIOR LIGNITE	Clayey; dark brown - grey; firm; friable; good core - unbroken; sharp oblique base; beds dip at 05 degrees.
				C2792	18.51	0.11	CLAY	Ligneous; medium to dark brown; good core - unbroken; sharp oblique base; beds dip at 10 degrees.
				C2792	18.58	0.07	LIGNITE	Dark brown; firm; friable; good core - unbroken.

EL2080 LAUNCESTON, CO04R

LAUNCESTON.

GEOLOGICAL LOG REPORT

ATP EL2080
LAUNCESTON

TENEHENT 2080

STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2792	18.61	0.03	LIGNEOUS CLAY	Medium to dark brown - grey; firm; low plasticity (organic); sood core - unbroken; gradational base.
				C2792	18.69	0.08	LIGNEOUS CLAY	Medium to dark brown - grey; firm; friable; sood core - unbroken; sharp oblique base; beds dip at 15 degrees.
				C2792	18.83	0.14	LIGNITE	Dark brown; firm; friable; sood core - unbroken; RARE CLAY LENSES
				C2792	18.86	0.03	LIGNEOUS CLAY	Dark brown - grey; firm; friable; sood core - unbroken.
				C2792	18.98	0.12	LIGNITE	Clayey; dark brown; firm; friable; sood core - unbroken.
				C2794	19.01	0.03	LIGNITE	Dark brown; firm; friable; sood core - unbroken; sharp oblique base; beds dip at 10 degrees.
				C2794	19.08	0.07	INFERIOR LIGNITE	Clayey; dark brown - grey; firm; friable; sood core - unbroken; sharp oblique base; beds dip at 10 degrees; Beds include: LIGNEOUS CLAY; medium to dark brown; firm; friable; sood core - unbroken.
				C2794	19.18	0.10	INFERIOR LIGNITE	Clayey; dark brown - grey; firm; friable; sood core - unbroken.
				C2794	19.20	0.02	LIGNEOUS CLAY	Dark brown; firm; high plasticity (clay); sood core - unbroken.
				C2794	19.22	0.02	INFERIOR LIGNITE	Clayey; dark brown - grey; firm; friable; sood core - unbroken.
				C2794	19.24	0.02	LIGNEOUS CLAY	Medium to dark brown; firm; high plasticity (clay); sood core - unbroken.
				C2794	19.28	0.04	INFERIOR LIGNITE	Clayey; medium to dark brown - grey; firm; friable; sood core - unbroken.
				C2794	19.37	0.09	INFERIOR LIGNITE	Clayey; medium to dark brown - grey; firm; friable; sood core - unbroken; sharp oblique base; beds dip at 05 degrees.
				C2794	19.40	0.03	INFERIOR LIGNITE	Clayey; dark brown - grey; firm; friable; sood core - unbroken.
				C2794	19.49	0.09	LIGNEOUS CLAY	Medium to dark brown - grey; firm; low plasticity (clay); sood core - unbroken.

EL2080 LAUNCESTON. C004R

027

771095

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
				C2795	19.56	0.07	CLAY	Lisneous; medium to dark brown; firm; high plasticity (clay); good core - unbroken.
				C2795	19.60	0.04	CLAY	Lisneous; medium to dark brown; firm; high plasticity (clay); good core - unbroken; sharp oblique base; beds dip at 05 degrees; abundant woody fragments.
				C2795	19.66	0.06	CLAY	Light to medium brown; firm; high plasticity (clay); good core - unbroken.
				C2795	19.78	0.12	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken; sharp oblique base; beds dip at 10 degrees.
				C2795	19.88	0.10	CLAY	Lisneous; medium to dark brown; firm; high plasticity (clay); good core - unbroken; sharp oblique base; beds dip at 05 degrees.
				C2795	19.91	0.03	INFERIOR LIGNITE	Clayey; dark brown - black; firm; friable; good core - unbroken.
				C2795	19.94	0.03	CLAY	Lisneous; medium to dark brown; firm; friable; good core - unbroken.
				C2795	20.01	0.07	INFERIOR LIGNITE	Clayey; dark brown - grey; firm; friable; good core - unbroken; sharp oblique base; beds dip at 05 degrees.
				C2795	20.05	0.04	CLAY	Lisneous; medium to dark brown; firm; high plasticity (clay); good core - unbroken; sharp oblique base; beds dip at 10 degrees.
				C2795	20.18	0.13	INFERIOR LIGNITE	Clayey; medium to dark brown - grey; firm; friable; good core - unbroken.
				C2795	20.38	0.20	INFERIOR LIGNITE	Clayey; dark brown - grey; firm; friable; good core - unbroken.
				C2795	20.40	0.02	LIGNITE	Dark brown; firm; friable; good core - unbroken.
				C2795	20.42	0.02	CLAY	Lisneous; medium to dark brown; firm; low plasticity (clay); good core - unbroken.
				C2795	20.49	0.07	LIGNEOUS CLAY	Dark brown - grey; firm; low plasticity (clay); good core - unbroken.
				C2796	20.54	0.05	INFERIOR LIGNITE	Clayey; medium to dark brown - grey; firm; friable; good core - unbroken.

EL2080 LAUNCESTON. C004R

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
				C2796	20.57	0.03	LIGNITE	Dark brown, firm, friable, good core - unbroken.
				C2796	20.60	0.03	LIGNEOUS CLAY	Medium to dark brown - grey, firm, low plasticity (clay), good core - unbroken.
				C2796	20.87	0.27	LIGNITE	Dark brown, firm, friable, good core - unbroken; occasional resin aggregates; Bands include: LIGNEOUS CLAY, dark brown - grey, firm, low plasticity (clay), good core - unbroken.
				C2796	21.15	0.28	LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken; Bands include: LIGNEOUS CLAY, dark brown - grey, firm, low plasticity (clay), good core - unbroken.
				C2796	21.20	0.05	LIGNITE	Dark brown, firm, friable, good core - unbroken.
				C2796	21.25	0.05	LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken.
				C2796	21.30	0.05	LIGNITE	Woody textured, dark brown, firm, friable, good core - unbroken.
				C2796	21.48	0.18	LIGNITE	Dark brown - black, firm, friable, good core - unbroken; Bands include: LIGNITE, clayey, dark brown, firm, friable, good core - unbroken.
				C2796	21.52	0.04	LIGNEOUS CLAY	Medium to dark brown - grey, firm, friable, good core - unbroken.
				C2796	21.57	0.05	LIGNITE	Dark brown, firm, friable, good core - unbroken, subfissile.
				C2796	21.64	0.07	CLAY	Ligneous, medium to dark brown - grey, firm, high plasticity (clay), good core - unbroken.
				C2796	21.75	0.11	LIGNITE	Dark brown, firm, friable, good core - unbroken.
				C2798	21.78	0.03	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken.
				C2798	21.82	0.04	LIGNITE	Medium to dark brown, firm, friable, good core - unbroken.
				C2798	21.91	0.09	CLAY	Medium to dark brown, firm, high plasticity (clay), good core - unbroken.
				C2798	22.04	0.13	LIGNITE	Dark brown, firm, friable, good core - unbroken.
				C2799	22.10	0.06	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken.

EL2080 LAUNCESTON. C004R

029
771097

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
				C2799	22.13	0.03	INFERIOR LIGNITE	Clayey; medium to dark brown; firm; high plasticity (ordonic); good core - unbroken.
				C2799	22.16	0.03	INFERIOR LIGNITE	Clayey; medium to dark brown; firm; friable; good core - unbroken.
				C2799	22.27	0.11	INFERIOR LIGNITE	Clayey; medium to dark brown; firm; low plasticity (ordonic); good core - unbroken.
				C2800	22.64	0.37	LIGNITE	Dark brown; firm; friable; good core - unbroken; sharp planar base; beds dip at 00 degrees.
				C2800	22.66	0.02	LIGNEOUS CLAY	Dark brown; firm; high plasticity (clay); good core - unbroken.
				C2800	22.76	0.10	LIGNITE	Dark brown; firm; friable; good core - unbroken.
				C2800	22.86	0.10	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken; gradational base.
				C2800	22.93	0.07	LIGNEOUS CLAY	Dark brown; firm; high plasticity (clay); good core - unbroken.
				C2801	22.95	0.02	CLAY	Medium to dark brown; firm; high plasticity (clay); good core - unbroken.
				C2801	23.04	0.09	LIGNITE	Dark brown; firm; friable; good core - unbroken.
				C2801	23.07	0.03	LIGNEOUS CLAY	Medium to dark brown; firm; high plasticity (clay); good core - unbroken.
				C2801	23.12	0.05	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken; gradational base.
				C2801	23.25	0.13	LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken; gradational base; beds dip at 10 degrees.
				C2801	23.28	0.03	LIGNEOUS CLAY	Medium to dark brown; firm; high plasticity (clay); good core - unbroken; sharp oblique base; beds dip at 10 degrees.
				C2801	23.54	0.26	LIGNITE	Dark brown - black; firm; friable; good core - unbroken; CONTAINS RARE CLAY LENSES

EL2080 LAUNCESTON. C004R

030

771098

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
				C2801	23.69	0.15	LIGNITE	Dark brown; firm; friable; good core - unbroken; FIBROUS LIGNITE
				C2801	23.83	0.14	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken; sharp oblique base; beds dip at 05 degrees; INCREASED CLAY CONTENT TOWARDS BASE
				C2801	23.88	0.05	LIGNEOUS CLAY	Medium to dark brown; firm; low plasticity (clay); good core - unbroken; sharp oblique base; beds dip at 05 degrees.
				C2801	23.90	0.02	CLAY	Medium to dark brown; firm; high plasticity (clay); good core - unbroken.
				C2801	24.24	0.34	CLAY	Light to medium brown - grey; firm; high plasticity (clay); good core - unbroken; sharp irregular base; common resin adhesates; Additional features include: occasional woody fragments.
				C2803	24.28	0.04	LIGNEOUS CLAY	Dark brown - black; firm; high plasticity (clay); good core - unbroken; common bioturbation.
				C2803	24.39	0.11	LIGNITE	Clayey; dark brown - black; firm; friable; good core - unbroken.
				C2803	24.42	0.03	INFERIOR LIGNITE	Clayey; dark brown - black; firm; low plasticity (organic); good core - unbroken.
				C2803	24.45	0.03	LIGNITE	Dark brown - black; firm; friable; good core - unbroken; sharp oblique base; beds dip at 15 degrees.
				C2803	24.49	0.04	LIGNEOUS CLAY	Medium to dark brown; firm; high plasticity (clay); good core - unbroken.
				C2803	24.57	0.08	CLAY	Ligneous; medium to dark brown - grey; firm; high plasticity (clay); good core - unbroken.
				C2803	24.63	0.04	LIGNITE	Dark brown - black; firm; friable; good core - unbroken.
				C2803	24.65	0.02	LIGNEOUS CLAY	Medium to dark brown; firm; low plasticity (clay); good core - unbroken.
				C2803	24.70	0.05	LIGNITE	Dark brown; firm; friable; good core - unbroken.

EL2080 LAUNCESTON. 0004R

031

771099

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
				C2803	24.77	0.07	LIGNITE	Woody textured; dark brown; firm; friable; good core - unbroken.
				C2803	24.81	0.04	INFERIOR LIGNITE	Clayey; medium to dark grey - brown; firm; friable; good core - unbroken.
				C2804	24.86	0.05	LIGNITE	Clayey; dark brown - black; firm; friable; good core - unbroken.
				C2804	24.91	0.05	INFERIOR LIGNITE	Clayey; medium to dark brown; firm; friable; good core - unbroken; gradational base.
				C2804	24.96	0.05	CLAY	Ligneous; medium to dark brown; firm; high plasticity (clay); good core - unbroken.
				C2804	24.99	0.03	LIGNEOUS CLAY	Medium to dark brown; firm; high plasticity (clay); good core - unbroken.
				C2804	25.11	0.12	INFERIOR LIGNITE	Clayey; medium to dark brown - black; firm; friable; good core - unbroken; gradational base.
				C2804	25.13	0.02	LIGNEOUS CLAY	Medium to dark brown; firm; high plasticity (clay); good core - unbroken.
				C2804	25.19	0.06	LIGNEOUS CLAY	Medium to dark brown; firm; low plasticity (clay); good core - unbroken.
				C2804	25.26	0.07	LIGNEOUS CLAY	Medium to dark brown; firm; friable; good core - unbroken.
				C2804	25.32	0.06	LIGNITE	Dark brown - black; firm; friable; good core - unbroken.
				C2804	25.34	0.02	INFERIOR LIGNITE	Clayey; dark brown - black; firm; friable; good core - unbroken.
				C2804	25.36	0.02	LIGNITE	Dark brown - black; firm; friable; good core - unbroken.
				C2804	25.39	0.03	INFERIOR LIGNITE	Clayey; dark brown - black; firm; friable; good core - unbroken; sharp oblique base; beds dip at 10 degrees.
				C2804	25.42	0.03	CLAY	Ligneous; light to medium brown; firm; high plasticity (clay); good core - unbroken.
				C2804	25.45	0.03	LIGNEOUS CLAY	Medium to dark brown; firm; low plasticity (clay); good core - unbroken.
				C2804	25.55	0.10	LIGNITE	Dark brown - black; firm; friable; good core - unbroken.

EL2080 LAUNCESTON. C004R

032

771100

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
				C2804	25.73	0.18	INFERIOR LIGNITE and CLAY	Interbedded 80:20. INFERIOR LIGNITE: clayey, dark brown, firm, friable, good core - unbroken; CLAY: ligneous, medium to dark brown, firm, high plasticity (clay); good core - unbroken.
				C2804	25.78	0.05	LIGNEOUS CLAY	Medium to dark brown, firm, high plasticity (clay); good core - unbroken; sharp oblique base; beds dip at 15 degrees.
				C2804	25.83	0.05	LIGNITE	Dark brown, firm, friable; good core - unbroken.
				C2804	26.09	0.26	LIGNEOUS CLAY and INFERIOR LIGNITE	Interbedded 60:40. LIGNEOUS CLAY: medium to dark brown, firm, high plasticity (clay); good core - unbroken; INFERIOR LIGNITE: clayey, dark brown, firm, friable, good core - unbroken.
				C2804	26.20	0.11	CLAY	Ligneous, medium to dark brown, firm, low plasticity (clay); good core - unbroken; abundant ligneous wisps.
				C2805	26.54	0.34	LIGNITE	Dark brown, firm, friable; good core - unbroken.
				C2806	27.24	0.70	LIGNITE and INFERIOR LIGNITE	Interbedded 80:20. LIGNITE: dark brown, firm, friable; good core - unbroken; common woody fragments; INFERIOR LIGNITE: clayey, dark brown, firm, friable; good core - unbroken.
				C2806	27.38	0.14	INFERIOR LIGNITE	Clayey, dark brown, firm, friable; good core - unbroken.
				C2806	27.44	0.06	LIGNEOUS CLAY	Medium to dark brown, firm, high plasticity (organic); good core - unbroken.
				C2806	27.51	0.07	CLAY	Ligneous, light to medium brown - grey, firm, good core - unbroken; abundant bioturbation.
				C2806	27.56	0.05	LIGNITE	Dark brown - black, firm, friable; good core - unbroken.
				C2807	27.59	0.03	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable; good core - unbroken.
				C2807	27.80	0.21	INFERIOR LIGNITE	Clayey, dark brown - black, firm, low plasticity (clay); good core - unbroken.
				C2807	27.85	0.05	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable; good core - unbroken.

EL2080 LAUNCESTON, C001R

033

771101

STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2807	28.05	0.20	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken; occasional woody fragments; LENSES OF LIGNEOUS CLAY; DARK BROWN * FIRM HIGHLY PLASTIC
				C2807	28.26	0.21	INFERIOR LIGNITE	Clayey, dark brown; firm; friable; good core - unbroken.
				C2807	28.37	0.11	INFERIOR LIGNITE	Clayey, dark brown; firm; friable; good core - unbroken; FIBROUS LIGNITE
				C2807	28.39	0.02	LIGNEOUS CLAY	Dark brown - grey; firm; high plasticity (clay); good core - unbroken; sharp oblique base; beds dip at 20 degrees.
				C2807	28.57	0.18	LIGNITE	Dark brown; firm; friable; good core - unbroken; Beds include: INFERIOR LIGNITE; dark brown; firm; friable; good core - unbroken.

034

771102