

REPORT JC14-01

THIEFS COAL SYSTEM

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LAUNCESTON.

GEOLOGICAL LOG REPORT

ATP EL2080 TENEMENT 2080  
LAUNCESTON

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EL2080 LAUNCESTON. C0032  
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Eastings: 495360.000  
Northings: 5402160.000  
Grid Type: Australian Mapping Grid  
Accuracy: Approximate  
Drl: 150.00  
Datum: Approximate Level - Not Surveyed  
Sheet Reference:  
Sheet Index:  
Total Depth: 50.21  
Drilling Commenced: 28/11/81  
Drilling Completed: 30/11/81  
Inclination:  
Azimuth:  
Standing Water Level: 2.8

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

Counts:  
Parish:  
Portion:

Plug Depths:  
Hole Diameter: 150  
Core Diameter: 100  
Cased Depths:  
Core Barrel: Triefus Triple Barrel

Available Data: Gamma Loss  
Density Loss  
Resistivity Loss  
Caliper Loss

Drill Bits: Blades  
Rollers

ALL ROCKS ARE FRESH UNLESS OTHERWISE INDICATED

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				R	0.30	0.30	SOIL	Silty; sandy; light to medium grey; loose; non-plastic.
					2.10	1.80	SAND	Silty; clayey; light to medium yellow - grey; loose; non-plastic; coarsening upwards.
					3.20	1.10	SAND	Clayey; light to medium brown; loose; non-plastic.
					5.00	1.80	CLAY and CLAY	Interbedded 50:50. CLAY: sandy; light to medium red; firm; low plasticity (clay); CLAY: sandy; light to medium grey; firm; low plasticity (clay).
					6.15	1.15	CLAY	Ligneous; light to medium brown - grey; firm; low plasticity (arsenic); occasional ligneous fragments;  MAY BE A WEATHERED/OXIDIZED LIGNITE
					8.70	2.55	CLAY	Light to medium grey - brown; firm; high plasticity (clay).
					9.35	0.65	SIDERITE	Light brown; low strength; brittle.
					12.40	3.05	CLAY	Ligneous; light to medium brown; firm; high plasticity (arsenic); occasional ligneous fragments.
					14.40	2.00	CLAY	Light to medium grey - brown; firm; high plasticity (clay); common ligneous fragments.
					19.85	5.45	CLAY	Light to medium grey; firm; high plasticity (clay); common manganese; secondary; nodules; Additional features include: common iron oxide; secondary; nodules; Bands include: SIDERITE; light brown; low strength; brittle.
					24.25	4.40	CLAY and LIGNEOUS CLAY	Interbedded 60:40. CLAY: medium to dark grey; firm; high plasticity (clay); LIGNEOUS CLAY: medium to dark brown - grey; firm; high plasticity (arsenic).
					36.10	11.85	CLAY	Silty; light to medium grey; firm; low plasticity (clay).
				C2685	36.16	0.06	SAND	Woody textured; medium to dark grey; stiff; friable; soot core - unbroken; siderite; secondary; cement.
				C2685	36.27	0.11	CLAY	Ligneous; dark brown; firm; low plasticity (arsenic); soot core - unbroken; sharp planar base.

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2686	36.31	0.04	INFERIOR LIGNITE	Clayey, woody textured; medium to dark brown; firm; friable; good core - unbroken; sharp planar base.
				C2686	36.33	0.02	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken; sharp planar base.
				C2686	36.43	0.10	LIGNEOUS CLAY	Dark brown; firm; low plasticity (arsenic); good core - unbroken.
				C2686	36.49	0.06	LIGNITE	Dark brown - black; firm; friable; good core - unbroken.
				C2686	36.62	0.13	LIGNITE	Dark brown - black; firm; friable; good core - unbroken; COMMON CLAY WISPS
				C2686	36.70	0.08	LIGNEOUS CLAY	Medium to dark brown - grey; firm; low plasticity (arsenic); good core - unbroken; gradational base.
				C2686	36.73	0.03	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken.
				C2686	36.77	0.04	CLAY	Ligneous; medium to dark grey - brown; firm; low plasticity (clay); good core - unbroken.
				C2686	36.81	0.04	LIGNITE	Dark brown; firm; friable; good core - unbroken.
				C2686	36.82	0.01	CLAY	Ligneous; medium to dark brown - grey; firm; low plasticity (clay); good core - unbroken.
				C2686	36.89	0.07	LIGNITE	Medium to dark black - brown; firm; friable; good core - unbroken.
				C2686	36.91	0.02	CLAY	Light to medium brown - grey; firm; low plasticity (clay); good core - unbroken; sharp planar base; beds dip at 00 degrees.
				C2686	36.97	0.06	INFERIOR LIGNITE	Clayey; medium to dark brown; firm; friable; good core - unbroken; Beds include: CLAY; light to medium brown - grey; firm; low plasticity (clay); good core - unbroken.
				C2686	37.09	0.12	INFERIOR LIGNITE	Clayey; medium to dark brown - black; firm; friable; good core - unbroken; Beds include: LIGNITE; dark black - brown; firm; friable; good core - unbroken.

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2686	37.16	0.07	LIGNITE	Woody textured; dark brown - black; firm; friable; good core - unbroken.
				C2686	37.21	0.05	LIGNITE	Woody textured; clauveu; dark brown - black; firm; friable; good core - unbroken; fissile.
				C2686	37.25	0.04	CLAY	Light to medium grey - brown; firm; low plasticity (clay); good core - unbroken.
				C2686	37.41	0.16	LIGNITE	Dark brown; firm; friable; good core - unbroken.
				C2686	37.42	0.01	CLAY	Light to medium brown - grey; firm; low plasticity (clay); good core - unbroken.
				C2686	37.48	0.06	INFERIOR LIGNITE	Clauveu; dark brown; firm; friable; good core - unbroken; fissile.
				C2688	37.49	0.01	CLAY	Dark brown - grey; firm; low plasticity (clay); good core - unbroken.
				C2688	37.61	0.12	INFERIOR LIGNITE	Clauveu; dark brown; firm; friable; good core - unbroken;
							COMMON CLAY BANDS	
				C2688	37.67	0.06	LIGNEOUS CLAY	Light to medium brown; firm; low plasticity (organic); good core - unbroken.
				C2688	37.84	0.17	LIGNITE	Dark black - brown; firm; friable; good core - unbroken; rare resin addredates.
				C2688	37.89	0.05	INFERIOR LIGNITE	Clauveu; dark brown - black; firm; friable; good core - unbroken; fissile; nodational base.
				C2688	37.94	0.05	CLAY	Light to medium brown; firm; low plasticity (clay); good core - unbroken; common woody fragments.
				C2688	37.99	0.05	INFERIOR LIGNITE	Clauveu; dark brown; firm; friable; good core - unbroken; fissile.
				C2688	38.06	0.07	LIGNEOUS CLAY	Dark brown; firm; low plasticity (organic); good core - unbroken.

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2688	38.21	0.15	INFERIOR LIGNITE	Woody textured, clayey, dark brown - black; firm; friable; good core - unbroken; gradational base;  HIGHER MOISTURE CONTENT; OCCASIONAL CLAY LENSES *
				C2688	38.26	0.05	CLAY	Ligneous, medium to dark brown - grey; firm; low plasticity (clay); good core - unbroken.
				C2688	38.29	0.03	LIGNITE	Dark brown; firm; friable; good core - unbroken.
				C2688	38.41	0.12	INFERIOR LIGNITE	Clayey; dark brown - black; firm; friable; good core - unbroken; Bands include: CLAY; medium to dark brown - grey; firm; low plasticity (clay); good core - unbroken.
				C2689	38.44	0.03	LIGNEOUS CLAY	Dark brown - black; firm; high plasticity (organic); good core - unbroken.
				C2689	38.60	0.16	CLAY	Light to medium brown - grey; firm; high plasticity (clay); good core - unbroken; common ligneous wisps.
				C2689	38.69	0.09	CLAY	Ligneous; medium to dark brown - black; firm; high plasticity (clay); good core - unbroken; occasional ligneous wisps.
				C2689	38.71	0.02	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken.
				E	39.13	0.42	CORE LOSS	Good core - unbroken.
				C2690	39.17	0.04	SIDERITE	Light to medium brown; low strength; brittle; good core - unbroken.
				C2690	39.24	0.07	INFERIOR LIGNITE	Clayey; medium to dark brown; firm; friable; good core - unbroken;  CLAY WISPS COMMON
				C2690	39.27	0.03	CLAY	Light to medium grey - brown; firm; low plasticity (clay); good core - unbroken.
				C2690	39.30	0.03	INFERIOR LIGNITE	Clayey; dark brown - black; firm; friable; good core - unbroken.

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				C2690	39.45	0.15	LIGNEOUS CLAY	Medium to dark grey - brown; firm; low plasticity (organic); good core - unbroken.
				C2690	39.48	0.03	SIDERITE	Light to medium brown; low strength; brittle; good core - unbroken.
				C2690	39.53	0.05	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken; CLAY WISPS COMMON
				C2690	39.64	0.11	LIGNITE	Woody textured; clayey; medium to dark brown - black; firm; friable; good core - unbroken; fissile.
				C2690	39.76	0.12	LIGNEOUS CLAY	Dark brown; firm; low plasticity (organic); good core - unbroken.
				C2690	39.94	0.18	LIGNITE	Woody textured; clayey; dark brown - black; soft; friable; good core - unbroken; fissile.
				C2690	40.06	0.12	CLAY	Ligneous; light to medium brown - grey; firm; low plasticity (clay); good core - unbroken.
				C2690	40.09	0.03	INFERIOR LIGNITE	Clayey; medium to dark brown - black; firm; friable; good core - unbroken.
				C2690	40.11	0.02	CLAY	Medium to dark brown - grey; firm; low plasticity (clay); good core - unbroken.
				C2690	40.16	0.05	LIGNITE	Dark brown - black; firm; friable; good core - unbroken; stratifoliated base.
				C2690	40.20	0.04	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken.
				C2690	40.25	0.05	LIGNITE	Woody textured; dark brown; firm; friable; good core - unbroken.
				C2690	40.31	0.06	CLAY	Ligneous; light to medium brown; firm; low plasticity (clay); good core - unbroken.
				C2690	40.35	0.04	LIGNITE	Dark brown - black; firm; friable; good core - unbroken; fissile.
				C2690	40.46	0.11	CLAY	Dark brown; firm; low plasticity (clay); good core - unbroken.

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2692	40.53	0.07	CLAY	Lisneous, dark brown, firm, low plasticity (clay), good core - unbroken.
				C2692	40.60	0.07	LIGNITE	Dark brown - black, firm, friable, good core - unbroken.
				C2692	40.63	0.03	CLAY	Lisneous, medium to dark brown, firm, low plasticity (clay), good core - unbroken.
				C2692	40.67	0.04	LIGNITE	Woody textured, dark brown, firm, friable, good core - unbroken; CLAY WISPS COMMON
				C2692	40.68	0.01	CLAY	Dark brown, firm, low plasticity (clay), good core - unbroken.
				C2692	40.79	0.11	LIGNITE	Woody textured, dark brown - black, firm, low plasticity (organic), good core - unbroken.
				C2693	40.87	0.08	LIGNITE	Dark brown - black, firm, friable, good core - unbroken; WITH A SLIGHT CLAY CONTENT/TRACE OF CLAY
				C2693	41.03	0.16	LIGNITE	Woody textured, dark brown - black, soft, friable, good core - unbroken, fissile; HIGH MOISTURE CONTENT
				C2693	41.12	0.09	CORE LOSS	
				C2694	41.20	0.08	INFERIOR LIGNITE	Woody textured, clayey, dark brown - black, firm, friable, good core - unbroken, fissile.
				C2694	41.23	0.03	CLAY	Light to medium grey, firm, high plasticity (clay), good core - unbroken.
				C2694	41.84	0.61	LIGNITE	Dark brown - black, firm, friable, good core - unbroken; OCCASIONAL WOODY BANDS

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2695	41.98	0.14	LIGNITE	Dark brown; firm; friable; good core - unbroken; fissile; gradational base; beds dip at 10 degrees;  OCCASIONAL WOODY BANDS; IRREGULAR INTERNAL *  DIP, NOT PLANAR; LOOKS LIKE CROSS BEDS UP TO 10 DEGREES *
				C2695	42.02	0.04	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken; fissile; gradational base;  INTERNAL DIP 5 DEGREES
				C2696	42.16	0.14	CLAY	Light to medium grey - brown; firm; high plasticity (clay); good core - unbroken; occasional ligneous wisps.
				C2696	42.30	0.14	INFERIOR LIGNITE	Clayey; dark brown - black; firm; friable; good core - unbroken.
				C2696	42.46	0.16	INFERIOR LIGNITE	Clayey; dark brown - black; firm; friable; good core - unbroken; fissile;  DIPS UP TO 4 DEGREES
				C2696	42.52	0.06	INFERIOR LIGNITE	Clayey; dark brown - black; firm; low plasticity (arsenic); good core - unbroken; gradational base.
				C2696	42.61	0.09	INFERIOR LIGNITE	Clayey; dark brown - black; firm; friable; good core - unbroken; fissile; abundant woody fragments;  INTERNAL DIP UP TO 10 DEGREES
				C2696	42.72	0.11	LIGNEOUS CLAY	Dark brown; firm; high plasticity (clay); good core - unbroken; abundant woody fragments.
				C2697	42.80	0.08	LIGNITE	Woody textured; dark black - brown; firm; slickensides on fracture; friable; abundant; oblique joints; multi-directional joints; core broken;  ORIENTATION OF JOINTS NOT MEASURABLE DUE *  TO BROKEN CORE

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2697	43.02	0.22	INFERIOR LIGNITE	Woody textured; clayey; dark brown; firm; friable; good core - unbroken; fissile; gradational base;  INTERNAL DIP 10 DEGREES B  Bands include: INFERIOR LIGNITE; clayey; dark brown; firm; low plasticity (organic).
				C2698	43.28	0.26	LIGNITE	Dark brown; firm; friable; good core - unbroken; sharp planar base; beds dip at 10 degrees.
				C2698	43.42	0.14	LIGNEOUS CLAY	Medium to dark brown; firm; low plasticity (organic); good core - unbroken; abundant woody fragments.
				C2698	43.68	0.26	INFERIOR LIGNITE	Woody textured; dark brown; firm; friable; good core - unbroken; fissile; abundant woody fragments; Additional features include: good core - unbroken; fibrous; Bands include: LIGNEOUS CLAY; medium to dark brown; firm; low plasticity (organic); good core - unbroken.
				C2698	43.87	0.19	CLAY	Light to medium grey - brown; firm; high plasticity (clay); good core - unbroken; abundant woody fragments; Additional features include: good core - unbroken; abundant ligneous wisps.
				C	43.93	0.06	CORE LOSS	Good core - unbroken.
				C2699	44.00	0.07	CLAY	Ligneous; dark brown; firm; low plasticity (clay); good core - unbroken.
				C2699	44.03	0.03	INFERIOR LIGNITE	Woody textured; clayey; dark brown; firm; friable; good core - unbroken; fissile; common resin concretions.
				C2699	44.18	0.15	CLAY	Ligneous; dark brown; firm; low plasticity (clay); good core - unbroken; common woody fragments.
				C2699	44.21	0.03	LIGNEOUS CLAY	Dark brown; firm; low plasticity (organic); good core - unbroken; abundant woody fragments.
				C2699	44.25	0.04	CLAY	Medium to dark brown; firm; high plasticity (clay); good core - unbroken; abundant woody fragments.
				C2699	44.36	0.11	CLAY	Medium to dark grey - brown; firm; high plasticity (clay); good core - unbroken; common ligneous wisps.

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2699	44.44	0.08	LIGNEOUS CLAY	Dark brown; firm; low plasticity (organic); good core - unbroken; gradational base; abundant woody fragments.
				C2699	44.49	0.05	INFERIOR LIGNITE	Clauey; medium to dark black - brown; firm; friable; good core - unbroken.
				C2670	44.51	0.02	INFERIOR LIGNITE	Woody textured; dark brown - black; firm; friable; good core - unbroken; fissile.
				C2670	44.57	0.06	LIGNITE	Woody textured; clauey; dark brown; firm; friable; good core - unbroken; fissile.
				C2670	44.62	0.05	INFERIOR LIGNITE	Clauey; dark brown; firm; friable; good core - unbroken; common woody fragments.
				C2670	44.77	0.15	LIGNEOUS CLAY	Medium to dark brown - grey; firm; high plasticity (organic); good core - unbroken.
				C2702	44.84	0.07	INFERIOR LIGNITE	Clauey; dark black - brown; soft; friable; good core - unbroken; fissile.
				C2702	44.90	0.06	INFERIOR LIGNITE	Clauey; dark brown; soft; friable; good core - unbroken; fissile.
				C2702	45.07	0.17	INFERIOR LIGNITE	Woody textured; dark brown - black; firm; friable; good core - unbroken; fissile.
				C2702	45.19	0.12	LIGNEOUS CLAY	Dark brown; firm; low plasticity (organic); good core - unbroken; subfissile; common woody fragments.
				C2702	45.22	0.03	INFERIOR LIGNITE	Woody textured; dark brown; firm; friable; good core - unbroken.
				C2702	45.29	0.07	CLAY	Ligneous; dark brown; firm; high plasticity (clay); good core - unbroken; subfissile; gradational base; abundant woody fragments.
				C2702	45.37	0.08	INFERIOR LIGNITE	Clauey; woody textured; dark brown; firm; friable; good core - unbroken; fissile.
				C2702	45.42	0.05	CLAY	Ligneous; dark brown; firm; low plasticity (clay); good core - unbroken; subfissile.
				C2702	45.57	0.15	INFERIOR LIGNITE	Clauey; dark brown; firm; friable; good core - unbroken; subfissile.

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2702	45.60	0.03	LIGNITE	Dark brown - black, firm, friable, good core - unbroken.
				C2702	45.81	0.21	CLAY	Lisneous, medium to dark brown, firm, high plasticity (clay), good core - unbroken; subfissile; abundant lisneous wisps.
				C2702	45.99	0.18	INFERIOR LIGNITE and CLAY	Interbedded 70:30. INFERIOR LIGNITE: clayey, dark brown - black; firm, friable, good core - unbroken; subfissile; CLAY: lisneous, medium to dark brown - grey, firm, high plasticity (clay); good core - unbroken.
				C2702	46.10	0.11	LIGNEOUS CLAY	Dark brown, firm, high plasticity (ordonic), good core - unbroken; subfissile; abundant lisneous wisps.
				C2702	46.16	0.06	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken.
					46.80	0.64	CORE LOSS	
								CLEANED HOLE WITH ROLLER BIT DUE TO GRAVEL * SIZE SIDERITE FRAGMENTS GRINDING CORE
			R		47.22	0.42	NO RECORD	CHIPPED DUE TO DRILLER ERROR
				C2703	47.41	0.19	CLAY	Lisneous, dark brown, firm, low plasticity (clay), good core - unbroken.
				C2703	47.43	0.02	CLAY	Dark brown - grey, firm, low plasticity (clay), good core - unbroken; common lisneous wisps.
				C2703	47.49	0.06	CLAY	Lisneous, dark brown, firm, low plasticity (clay), good core - unbroken; common woody fragments; Additional features include: good core - unbroken; common resin adhesives.
				C2703	47.55	0.06	LIGNEOUS CLAY	Dark brown, firm, low plasticity (ordonic), good core - unbroken.
				C2703	47.62	0.07	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken; CLAY WISPS COMMON

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2703	47.77	0.15	LIGNEOUS CLAY	Dark brown; firm; low plasticity (organic); good core - unbroken; occasional woody fragments.
				C2703	47.82	0.05	INFERIOR LIGNITE	Clayey; dark brown - black; firm; friable; good core - unbroken; subfissile.
				C2703	48.26	0.44	LIGNEOUS CLAY	Dark brown; firm; low plasticity (organic); good core - unbroken; occasional woody fragments; Additional features include: good core - unbroken; occasional resin assemblages.
				C2703	48.31	0.05	LIGNITE	Woody textured; clayey; dark black - brown; firm; friable; good core - unbroken; fissile;  CLAY WISPS COMMON
				C2705	48.47	0.14	LIGNEOUS CLAY	Dark brown - black; firm; low plasticity (organic); good core - unbroken;  WOODY BANDS COMMON
				C2705	48.54	0.07	CLAY	Ligneous; medium to dark brown - grey; firm; low plasticity (clay); good core - unbroken;  WOODY BANDS COMMON
				C2705	48.86	0.32	CLAY	Ligneous; medium to dark brown; firm; high plasticity (clay); good core - unbroken; common woody fragments; Additional features include: occasional resin assemblages.
				C2705	49.10	0.24	CLAY	Light to medium grey - brown; firm; low plasticity (clay); good core - unbroken; occasional woody fragments.
				C2705	49.20	0.10	CLAY	Light to medium grey - brown; firm; low plasticity (clay); good core - unbroken.
				C2705	49.28	0.08	CLAY	Light to medium brown - grey; firm; low plasticity (clay); good core - unbroken; common ligneous wisps.

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THIASS COAL SYSTEM

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LAUNCESTON.

GEOLOGICAL LOG REPORT

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LAUNCESTON

STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2705	49.53	0.25	CLAY	Light to medium grey - brown; firm; high plasticity (clay); good core - unbroken; rare resin aggregates;  CARBONACEOUS FRAGMENTS RARE
				C2706	49.72	0.19	INFERIOR LIGNITE	Clayey; dark brown; firm; friable; good core - unbroken; subfissile; common bioturbation.
				C2706	49.94	0.22	CLAY	Limeous; medium to dark brown; firm; low plasticity (clay); good core - unbroken; occasional woody fragments.
				C2706	50.21	0.27	CLAY	Light to medium grey - brown; firm; slickensides on fracture; high plasticity (clay); sparse; oblique joints; angle of joints 30 degrees; good core - unbroken.

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 END OF BORE AT 50.21 m  
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