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REPORT TC14-01

THIESS COAL SYSTEM

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LAUNCESTON.

GEOLOGICAL LOG REPORT

ATP EL2080
LAUNCESTON

TENEMENT 2080

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Easting:	496690.000	Logging Organisation:	CSR Exploration and Evaluation Group
Northing:	5410550.000	Logged By:	ELLIS
Grid Type:	Australian Mapping Grid	Drilling Contractor:	H. J. Stacpoole
Accuracy:	Approximate	Geophysical Logging:	Murdoch Geophysics
Cr1:	150.00		
Datum:	Approximate Level - Not Surveyed		

Sheet Reference:		County:	
Sheet Index:		Parish:	
Total Depth:	50.28	Portion:	

Drilling Commenced: 30/11/81
 Drilling Completed: 01/12/81
 Inclination:
 Azimuth:
 Standing Water Level: 6.9

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

Available Data:	Gamma Logs	Drill Bits:	Blades
	Density Logs		
	Resistivity Logs		
	Caliper Logs		

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
					4.00	4.00	CLAY	Mottled grey - blue, firm, high plasticity (clay).
					8.00	4.00	CLAY	Silty, mottled grey - orange, firm, high plasticity (clay); Additional features include: brown.
				C	8.13	0.13	CORE LOSS	
					TOP OF SEAM PB3		8.13	
PB3		C2707			8.27	0.14	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken, common ligneous wisps; LIGNEOUS WISPS ARE DARK BLACK-BROWN, SOFT AND GELATINOUS
PB3		C2707			8.31	0.04	INFERIOR LIGNITE	Clayey, gelatinous, dark black - brown, soft, low plasticity (organic), good core - unbroken.
PB3		C2707			8.34	0.03	CLAY	Ligneous, light to medium brown, firm, low plasticity (clay), good core - unbroken, gradational base.
PB3		C2707			8.41	0.07	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken, gradational base, beds dip at 02 degrees.
PB3		C2707			8.51	0.10	INFERIOR LIGNITE	Clayey, woody textured, dark black - brown, firm, friable, good core - unbroken, fissile.
PB3		C2707			8.59	0.08	INFERIOR LIGNITE	Clayey, medium to dark brown, firm, friable, good core - unbroken, sharp oblique base, beds dip at 10 degrees, abundant ligneous wisps.
PB3		C2707			8.68	0.09	CLAY	Ligneous, light to medium brown - grey, firm, high plasticity (clay), good core - unbroken, gradational base, common ligneous wisps.
PB3		C2708			8.78	0.10	LIGNITE	Woody textured, clayey, medium to dark brown, firm, friable, good core - unbroken, sharp oblique base, beds dip at 05 degrees; HIGH CLAY CONTENT, LOOKS LIKE A LOG OF WOOD IN CLAY

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
		PB3		C2708	8.88	0.10	INFERIOR LIGNITE	Clayey, medium to dark brown, firm, friable, good core - unbroken, sharp oblique base, beds dip at 02 degrees, common ligneous fragments; WOODY LIGNEOUS FRAGMENTS
		PB3		C2708	8.91	0.03	LIGNITE	Woody textured, dark brown - black, good core - unbroken, sharp irregular base, beds dip at 10 degrees; LOOKS LIKE A LOG OF WOOD
		PB3		C2708	8.99	0.08	INFERIOR LIGNITE	Clayey, medium to dark brown, firm, friable, good core - unbroken, gradational base, common ligneous wisps.
		PB3		C2708	9.10	0.11	LIGNITE	Medium to dark brown, firm, friable, good core - unbroken.
		PB3		C0011	9.15	0.05	LIGNITE	Woody textured, dark brown - black, low strength, brittle, good core - unbroken.
		PB3		C0011	9.21	0.05	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken.
		PB3		C0011	9.32	0.11	LIGNITE	Dark brown, firm, friable, good core - unbroken, common woody fragments.
		PB3		C0011	9.36	0.04	LIGNEOUS CLAY	Dark brown, firm, high plasticity (organic), good core - unbroken, gradational base.
		PB3		C2709	9.41	0.05	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken, sharp oblique base, beds dip at 10 degrees, common woody fragments.
		PB3		C2709	9.49	0.08	CLAY	Ligneous, medium to dark brown - grey, firm, low plasticity (clay), good core - unbroken, sharp oblique base, beds dip at 10 degrees, abundant woody fragments.
		PB3		C2709	9.59	0.10	LIGNEOUS CLAY	Dark brown, firm, high plasticity (clay), good core - unbroken, gradational base, abundant woody fragments.
		PB3		C2709	9.65	0.06	CLAY	Ligneous, medium to dark brown, firm, high plasticity (clay), good core - unbroken, sharp irregular base, common woody fragments.
		PB3		C2709	9.72	0.07	LIGNITE	Dark brown - black, firm, friable, good core - unbroken.

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STRAT NAME	SEG NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
		PB4		C2713	11.96	0.12	INFERIOR LIGNITE	Woody textured, clayey, dark brown - black, firm, friable, good core - unbroken, common resin aggregates.
		PB4		C2713	12.01	0.05	CLAY	Ligneous, medium to dark brown, firm, high plasticity (organic), good core - unbroken, common woody fragments.
		PB4		C2713	12.14	0.13	INFERIOR LIGNITE	Woody textured, clayey, dark brown, firm, friable, good core - unbroken, common resin aggregates.
		PB4		C2713	12.17	0.03	LIGNEOUS CLAY	Dark brown - grey, firm, high plasticity (organic), good core - unbroken.
		PB4		C2713	12.25	0.08	INFERIOR LIGNITE	Woody textured, clayey, dark brown, firm, friable, good core - unbroken.
LIGNEOUS CLAY LENSES								
		PB4		C2714	12.30	0.05	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken, sharp oblique base, beds dip at 20 degrees, common woody fragments.
		PB4		C2714	12.35	0.05	LIGNITE	Woody textured, medium to dark brown - yellow, firm, friable, good core - unbroken.
LOOKS LIKE A TREE BRANCH, RESINOUS?								
		PB4		C2714	12.38	0.03	LIGNEOUS CLAY	Dark brown, firm, low plasticity (organic), good core - unbroken, sharp oblique base, beds dip at 15 degrees, common woody fragments.
		PB4		C2714	12.44	0.06	LIGNITE	Woody textured, dark brown, firm, friable, good core - unbroken, fibrous. Bands include: LIGNITE, woody textured, dark brown, low strength, brittle, good core - unbroken, fibrous.
		PB4		C2714	12.54	0.10	LIGNITE	Dark brown, firm, friable, good core - unbroken, occasional resin aggregates. Additional features include: good core - unbroken, common woody fragments.
		PB4		C2715	12.71	0.17	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken, common woody fragments.

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STRAT NAME	SEG NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
		PB4		C2715	12.94	0.23	INFERIOR LIGNITE	Dark brown, firm, friable, good core - unbroken, common resin aggregates; Additional features include: good core - unbroken, common woody fragments.
		PB4		C2716	12.98	0.04	CLAY	Ligneous, medium to dark brown - grey, firm, low plasticity (clay), good core - unbroken, common woody fragments.
		PB4		C2716	13.22	0.24	INFERIOR LIGNITE	Clayey, dark brown, firm, slickensides on fracture, friable, common, oblique joints, angle of joints 40 degrees, good core - unbroken, fibrous, sharp irregular base, common woody fragments.
		PB4		C2717	13.39	0.17	CLAY	Ligneous, medium to dark brown - grey, firm, low plasticity (organic), good core - unbroken, abundant woody fragments.
		PB4		C2717	13.43	0.04	CLAY	Ligneous, dark brown, low strength, slickensides on fracture, brittle, common, oblique joints, angle of joints 30 degrees, core crushed, fissile;
							LOW STRENGTH CLAY	
		PB4		C2717	13.45	0.02	CLAY	Ligneous, dark brown, firm, low plasticity (organic), good core - unbroken.
		PB4		C2717	13.66	0.21	LIGNITE	Woody textured, medium to dark brown, firm, friable, good core - unbroken, common resin aggregates.
							BASE OF SEAM PB4	
					13.66	2.22		
				C2718	13.71	0.05	CLAY	Ligneous, dark brown, firm, low plasticity (clay), good core - unbroken, subfissile, sharp irregular base, common woody fragments.
				C2718	13.74	0.03	CLAY	Carbonaceous, light to medium grey - brown, firm, high plasticity (clay), good core - unbroken.
				C2718	13.82	0.08	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken, subfissile, gradational base, common woody fragments.
				C2718	13.88	0.06	CLAY	Ligneous, mottled 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
				C2718	13.92	0.04	INFERIOR LIGNITE	Woody textured, clayey, dark brown, firm, friable, good core - unbroken.
				C2718	14.03	0.11	CLAY	Carbonaceous, light to medium grey - brown, firm, high plasticity (clay), good core - unbroken, gradational base, common woody fragments.
				C2718	14.10	0.07	CLAY	Light to medium brown - grey, firm, high plasticity (clay), good core - unbroken, sharp oblique base, beds dip at 15 degrees, occasional woody fragments.
				C2718	14.17	0.07	CLAY	Ligneous, medium to dark brown, firm, high plasticity (clay), good core - unbroken, common woody fragments.
				C2718	14.37	0.20	CLAY	Light to medium brown - grey, firm, high plasticity (clay), good core - unbroken, gradational base, abundant woody fragments.
				C2718	14.46	0.09	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken, common woody fragments.
				C2718	14.51	0.05	CLAY	Mottled brown, firm, high plasticity (clay), good core - unbroken, common woody fragments.
				C2718	14.53	0.12	CLAY	Ligneous, medium to dark brown, firm, low plasticity (clay), good core - unbroken, common woody fragments.
					15.25	1.62	CORE LOSS	
					17.50	1.25	CLAY and CLAY	Interbedded 50:50. CLAY: carbonaceous, light to medium grey - brown, firm, high plasticity (clay), common woody fragments; CLAY: mottled brown, firm, high plasticity (clay), common woody fragments.
					23.26	5.76	CLAY	Mottled brown, firm, high plasticity (clay), common woody fragments.
				C2719	23.31	0.05	CLAY	Ligneous, medium to dark brown - black, firm, high plasticity (clay), good core - unbroken, fissile;
							PRECURSOR TO CARBONACEOUS SHALE	
				C2719	23.42	0.11	CLAY	Light to medium brown, firm, high 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
				C2719	23.56	0.14	CLAY	Light to medium brown - grey, firm, high plasticity (clay), good core - unbroken.
				C2719	23.68	0.12	CLAY	Mottled brown - grey, firm, high plasticity (clay), good core - unbroken.
				C2719	23.76	0.08	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken, occasional ligneous wisps.
				C2719	23.82	0.04	CLAY	Light to medium brown - grey, firm, high plasticity (clay), good core - unbroken.
				C2719	23.87	0.05	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken, occasional ligneous wisps.
				C2720	23.91	0.04	CLAY	Ligneous, medium to dark brown, firm, high plasticity (clay), good core - unbroken, common ligneous wisps.
				C2720	23.96	0.05	LIGNEOUS CLAY	Dark brown, firm, high plasticity (organic), good core - unbroken, fissile, common ligneous wisps.
PRECURSOR TO CARBONACEOUS SHALE								
				C2720	24.08	0.12	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken, sharp oblique base, beds dip at 10 degrees, abundant woody fragments.
				C2720	24.25	0.17	LIGNEOUS CLAY	Medium to dark brown, firm, low plasticity (organic), good core - unbroken, sharp oblique base, beds dip at 15 degrees, abundant woody fragments.
				C2720	24.34	0.09	INFERIOR LIGNITE	Woody textured, dark brown - black, firm, friable, good core - unbroken, subfissile, sharp oblique base, beds dip at 05 degrees.
				C2720	24.36	0.02	CLAY	Ligneous, medium to dark brown - grey, firm, high plasticity (clay), good core - unbroken, sharp planar base, beds dip at 05 degrees.

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STRAT NAME	SEG NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2720	24.55	0.19	INFERIOR LIGNITE	Clayey, woody textured, medium to dark brown, firm, friable, good core - unbroken, sharp planar base; Bands include: CLAY, light to medium brown - grey, firm, low plasticity (clay); CLAY BANDS VERY THIN LAMINAE
				C2721	24.70	0.15	LIGNEOUS CLAY	Medium to dark brown, firm, high plasticity (organic), good core - unbroken, sharp planar base, beds dip at 03 degrees; Bands include: CLAY, light to medium brown, firm, high plasticity (clay); Bands include: INFERIOR LIGNITE, clayey, medium to dark brown, firm, friable.
				C2721	24.75	0.05	INFERIOR LIGNITE	Clayey, medium to dark brown, firm, friable, good core - unbroken; Bands include: LIGNEOUS CLAY, medium to dark brown, firm, high plasticity (organic), good core - unbroken.
				C2721	24.81	0.06	INFERIOR LIGNITE	Woody textured, clayey, medium to dark brown - black, firm, friable, good core - unbroken, fissile.
				C2721	24.82	0.01	CLAY	Light to medium brown - grey, firm, high plasticity (clay), good core - unbroken.
				C2721	24.89	0.07	LIGNITE	Medium to dark brown, firm, friable, good core - unbroken, fissile.
					25.42	0.53	CORE LOSS	
				C2722	25.49	0.07	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken, fissile.
				C2722	25.53	0.04	LIGNEOUS CLAY	Dark brown - black, firm, low plasticity (clay), good core - unbroken, fissile.
				C2722	25.59	0.06	INFERIOR LIGNITE	Clayey, dark brown, firm, low plasticity (organic), good core - unbroken, fissile.
				C2722	25.63	0.04	INFERIOR LIGNITE	Clayey, dark brown, soft, low plasticity (organic), good core - unbroken, fissile.
								LITHOLOGIES BETWEEN 25.42 AND 25.63 LOOK LIKE A CARBONACEOUS SHALE PRECURSOR

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TENEMENT 2090

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2722	25.65	0.02	CLAY	Ligneous, light to medium brown, firm, high plasticity (clay), good core - unbroken.
				C2722	25.70	0.05	INFERIOR LIGNITE	Woody textured, medium to dark brown - black, firm, low plasticity (organic), good core - unbroken, fissile.
				C2722	25.71	0.01	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken.
				C2722	25.74	0.03	INFERIOR LIGNITE	Woody textured, medium to dark brown - black, firm, low plasticity (organic), good core - unbroken, fissile.
				C2723	25.76	0.02	CLAY	Carbonaceous, medium to dark brown, firm, high plasticity (clay), good core - unbroken, gradational base.
				C2723	25.79	0.03	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken, occasional woody fragments.
				C2723	25.91	0.12	LIGNEOUS CLAY	Medium to dark brown, firm, low plasticity (organic), good core - unbroken, subfissile.
				C2723	25.96	0.05	CLAY	Light to medium brown - grey, firm, slickensides on fracture, high plasticity (clay), sparse, oblique joints, angle of joints 20 degrees.
				C2723	26.11	0.15	LIGNEOUS CLAY	Medium to dark brown - black, firm, high plasticity (organic), good core - unbroken, subfissile, sharp oblique base, beds dip at 20 degrees, abundant ligneous wisps; Bands include: CLAY, light to medium brown - grey, firm, high plasticity (clay); LIGNEOUS CLAY IS MACROBIOTURBATED
				C2723	26.16	0.05	LIGNEOUS CLAY	Medium to dark brown, firm, low plasticity (organic), good core - unbroken, sharp planar base, beds dip at 00 degrees, abundant bioturbation.
				C2723	26.23	0.07	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken, common bioturbation; Additional features include: good core - unbroken, common ligneous lamellae.
				C2723	26.26	0.03	LIGNEOUS CLAY	Medium to dark brown, firm, high plasticity (clay), good core - unbroken, gradational base, beds dip at 00 degrees, common bioturbation.

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STRAT NAME	SEQ NO.	SEAM NAME	WRK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2723	26.34	0.08	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken, sharp planar base, beds dip at 05 degrees, abundant bioturbation.
				C2724	26.40	0.06	CLAY	Light to medium brown, firm, slickensides on fracture, high plasticity (clay), sparse, oblique joints, angle of joints 40 degrees, good core - unbroken, sharp irregular base, beds dip at 30 degrees, occasional ligneous wisps.
				C2724	26.45	0.05	CLAY	Light to medium brown - grey, firm, high plasticity (clay), good core - unbroken, sharp planar base, beds dip at 00 degrees.
				C2724	26.51	0.06	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken, sharp irregular base, common bioturbation.
				C2724	26.76	0.25	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken.
				C2724	27.04	0.28	CLAY	Light to medium brown - grey, firm, high plasticity (clay), good core - unbroken.
				C2724	27.06	0.02	CLAY	Medium to dark brown, firm, high plasticity (clay), good core - unbroken, occasional bioturbation.
				C2724	27.09	0.03	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken, gradational base.
				C2725	27.12	0.03	LIGNEOUS CLAY	Medium to dark brown, firm, high plasticity (organic), good core - unbroken, sharp planar base, beds dip at 00 degrees, common ligneous wisps.
				C2725	27.18	0.06	INFERIOR LIGNITE	Clayey, dark black - brown, firm, friable, good core - unbroken, sharp oblique base, beds dip at 10 degrees, common bioturbation.
				C2725	27.20	0.02	CLAY	Dark black - brown, firm, friable, good core - unbroken.
				C2725	27.22	0.02	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken, sharp oblique base, beds dip at 10 degrees, common bioturbation.
				C2725	27.29	0.07	CLAY	Light to medium brown, firm, high 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
				C2725	27.34	0.05	INFERIOR LIGNITE	Clayey, medium to dark brown - black, firm, friable, good core - unbroken.
				C2725	27.35	0.01	CLAY	Medium to dark brown, firm, high plasticity (clay), good core - unbroken, common ligneous wisps; Additional features include: good core - unbroken, common bioturbation.
				C2725	27.38	0.03	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken, common bioturbation.
				C2725	27.43	0.05	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken, sharp irregular base, common ligneous wisps.
				C2725	27.44	0.01	LIGNEOUS CLAY	Medium to dark brown, firm, low plasticity (organic), good core - unbroken, bioturbation.
				C2725	27.49	0.05	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken, sharp oblique base, beds dip at 10 degrees, bioturbation.
				C2725	27.52	0.03	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken, sharp planar base, beds dip at 00 degrees.
				C2725	27.59	0.07	LIGNEOUS CLAY	Medium to dark brown, firm, low plasticity (organic), good core - unbroken, bioturbation.
				C2725	27.63	0.04	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken, bioturbation.
				C2725	27.66	0.03	CLAY	Medium to dark brown, firm, high plasticity (clay), good core - unbroken.
				C2725	27.68	0.02	INFERIOR LIGNITE	Clayey, woody textured, medium to dark brown, firm, friable, good core - unbroken, subfissile, bioturbation.
				C2725	27.78	0.10	LIGNEOUS CLAY	Medium to dark brown, firm, low plasticity (organic), good core - unbroken.
				C2725	27.88	0.10	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken, gradational base.
				C2725	28.05	0.17	CLAY	Medium to dark brown, firm, low 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
				C2725	28.07	0.02	CLAY	Light to medium brown, firm, low plasticity (clay), good core - unbroken, sharp planar base, beds dip at 00 degrees.
				C2725	28.09	0.02	INFERIOR LIGNITE	Clayey, medium to dark brown, firm, friable, good core - unbroken.
				C2725	28.11	0.02	LIGNEOUS CLAY	Medium to dark brown, firm, low plasticity (organic), good core - unbroken.
				C2725	28.14	0.03	INFERIOR LIGNITE	Clayey, medium to dark brown, firm, friable, good core - unbroken, bioturbation.
				C2725	28.18	0.04	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken.
				C2725	28.78	0.60	CLAY	Light to medium grey - brown, firm, high plasticity (clay), good core - unbroken, occasional woody fragments.
				C2725	28.86	0.08	CLAY	Medium to dark brown, firm, high plasticity (clay), good core - unbroken, subfissile, sharp planar base, beds dip at 00 degrees.
LOW STRENGTH CLAY								
				TOP OF SEAM PC2		28.86		
		PC2		C2726	28.93	0.07	LIGNITE	Dark brown - black, firm, friable, good core - unbroken, gradational base, bioturbation.
		PC2		C2726	29.22	0.29	LIGNITE	Dark brown, firm, friable, good core - unbroken, gradational base, bioturbation.
		PC2		C2726	29.28	0.06	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken, occasional resin aggregates, Additional features include: good core - unbroken, occasional bioturbation.
		PC2		C2726	29.36	0.08	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken.
		PC2		C2726	29.45	0.09	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken, common woody fragments.

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
		PC2			29.67	0.22	CORE LOSS	
		PC2		C2727	29.82	0.15	LIGNITE	Woody textured, peaty, dark brown - black, firm, friable, good core - unbroken.
		PC2		C2727	29.87	0.05	LIGNEOUS CLAY	Dark black - brown, firm, low plasticity (clay), good core - unbroken.
		PC2		C2727	29.89	0.02	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken, rare quartz, accessory, clasts.
		PC2			31.79	1.90	CORE LOSS	Good core - unbroken.
		PC2		C2728	31.82	0.03	LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken.
		PC2		C2728	31.87	0.05	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken.
		PC2		C2728	31.93	0.06	LIGNITE	Dark brown, firm, friable, good core - unbroken.
		PC2		C2728	31.95	0.02	LIGNITE	Woody textured, peaty, dark brown, low strength, brittle, good core - unbroken.
		PC2		C2728	32.14	0.19	LIGNITE	Woody textured, dark brown, firm, friable, good core - unbroken.
		PC2		C2729	32.19	0.05	LIGNEOUS CLAY	Dark brown, firm, low plasticity (organic), good core - unbroken, subfissile.
		PC2		C2729	32.23	0.04	CLAY	Ligneous, dark brown, firm, high plasticity (organic), good core - unbroken.
		PC2		C2729	32.27	0.04	CLAY	Light to medium brown, firm, low plasticity (clay), good core - unbroken, occasional ligneous wisps.
		PC2		C2729	32.31	0.04	LIGNEOUS CLAY	Dark brown, firm, low plasticity (clay), good core - unbroken, subfissile.
		PC2		C2729	32.38	0.07	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken.
		PC2		C2729	32.43	0.05	LIGNITE	Woody textured, peaty, dark brown, low strength, brittle, good core - unbroken.
		PC2		C2729	32.48	0.05	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken, gradational 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
		PC2		C2729	32.53	0.05	LIGNEOUS CLAY	Dark brown - black, firm, low plasticity (organic), good core - unbroken.
		PC2		C2729	32.58	0.05	INFERIOR LIGNITE	Clayey, dark black - brown, firm, friable, good core - unbroken.
		PC2		C2729	32.62	0.04	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken.
		PC2		C2729	32.72	0.10	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken.
		PC2		C2729	32.76	0.04	LIGNEOUS CLAY	Dark grey, firm, friable, good core - unbroken.
		PC2		C2730	33.10	0.34	LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken.
		PC2		C2731	33.19	0.09	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken.
		PC2		C2731	33.30	0.11	LIGNEOUS CLAY	Dark brown, firm, low plasticity (organic), good core - unbroken, common ligneous wisps.
		PC2		C2731	33.34	0.04	LIGNITE	Dark brown, firm, friable, good core - unbroken.
		PC2		C2731	33.47	0.13	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken.
		PC2		C2731	33.54	0.07	LIGNEOUS CLAY	Dark brown - black, firm, low plasticity (organic), good core - unbroken.
		PC2		C2731	33.57	0.03	INFERIOR LIGNITE	Clayey, dark brown - black, firm, low plasticity (organic), good core - unbroken.
				BASE OF SEAM PC2		33.57	4.71	
				33.68	0.11	CORE LOSS		
				C2732	33.74	0.06	LIGNITE	Dark brown - black, firm, friable, good core - unbroken, fibrous.
				C2732	33.78	0.04	INFERIOR LIGNITE	Dark brown - black, firm, friable, good core - unbroken.
				C2732	33.90	0.12	LIGNEOUS CLAY	Dark grey - 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
				C2732	33.92	0.02	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken.
				C2732	33.94	0.02	INFERIOR LIGNITE	Clayey, dark brown - grey, firm, low plasticity (organic), good core - unbroken.
				C2732	33.98	0.04	INFERIOR LIGNITE	Dark brown, firm, friable, good core - unbroken, occasional woody fragments.
				C2733	34.03	0.05	LIGNEOUS CLAY	Medium to dark brown, firm, slickensides on fracture, low plasticity (organic), sparse, oblique joints, angle of joints 40 degrees, good core - unbroken, occasional resin aggregates.
				C2733	34.06	0.03	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken.
				C2733	34.22	0.16	CLAY	Ligneous, medium to dark brown, firm, good core - unbroken, occasional resin aggregates; Additional features include: good core - unbroken, common woody fragments.
				C2733	34.25	0.03	CLAY	Light to medium brown - grey, firm, high plasticity (clay), good core - unbroken, subfissile.
				C2733	34.27	0.02	CLAY	Ligneous, medium to dark brown, firm, low plasticity (clay), good core - unbroken, subfissile, sharp oblique base, beds dip at 05 degrees.
				C2733	34.30	0.03	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken, sharp oblique base, beds dip at 05 degrees.
				C2733	34.31	0.01	CLAY	Light to medium brown - grey, firm, good core - unbroken.
				C2733	34.38	0.07	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken; CONTAINS THIN CLAY WISPS
				C2733	34.62	0.24	LIGNITE	Dark brown, firm, friable, good core - unbroken.
				C2734	34.80	0.18	LIGNEOUS CLAY	Dark brown - grey, firm, low plasticity (clay), good core - unbroken, abundant ligneous wisps.
				C2734	34.83	0.03	CLAY	Mottled brown, firm, high plasticity (organic), good core - unbroken.

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STRAT NAME	SEG NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2734	34.86	0.03	INFERIOR LIGNITE	Clayey, medium to dark brown, firm, friable, good core - unbroken.
				C2734	34.88	0.02	CLAY	Light to medium brown - grey, firm, high plasticity (clay), good core - unbroken.
				C2734	34.89	0.01	CLAY	Medium to dark brown, firm, low plasticity (clay), good core - unbroken.
				C2734	34.92	0.03	CLAY	Medium to dark brown - grey, firm, high plasticity (clay), good core - unbroken.
				C2734	35.01	0.09	LIGNEOUS CLAY	Dark brown - grey, firm, low plasticity (organic), good core - unbroken, common ligneous wisps.
				C2734	35.03	0.02	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken, gradational base.
				C2734	35.07	0.04	CLAY	Ligneous, medium to dark brown, firm, low plasticity (clay), good core - unbroken.
				C2734	35.16	0.09	CLAY	Carbonaceous, medium to dark grey - brown, firm, good core - unbroken.
				C2734	35.22	0.06	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken.
				C2734	35.27	0.05	CLAY	Carbonaceous, medium to dark brown - grey, firm, low plasticity (clay), good core - unbroken.
				C2734	35.32	0.05	CLAY	Medium to dark brown, firm, low plasticity (clay), good core - unbroken, common ligneous wisps.
				C2734	35.48	0.16	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken.
				C2734	35.57	0.09	CLAY	Medium to dark grey - brown, firm, high plasticity (clay), good core - unbroken, gradational base.
				C2734	35.66	0.09	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken.
				C2734	35.77	0.11	CLAY	Medium to dark grey - brown, firm, high 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
				C2734	35.79	0.02	LIGNITE	Woody textured, peaty, dark brown - black, low strength, brittle, good core - unbroken.
				C2734	35.84	0.05	INFERIOR LIGNITE	Clayey, dark brown - black, firm, low plasticity (organic), good core - unbroken.

TOP OF SEAM PC3 35.84

PC3				C2735	35.89	0.05	LIGNITE	Dark brown, firm, friable, good core - unbroken, gradational base.
PC3				C2735	35.92	0.03	INFERIOR LIGNITE	Clayey, dark brown - grey, firm, friable, good core - unbroken, gradational base.
PC3				C2735	35.95	0.03	LIGNEOUS CLAY	Dark brown - grey, firm, low plasticity (organic), good core - unbroken.
PC3				C2735	35.96	0.01	LIGNEOUS CLAY	Dark brown, firm, low plasticity (organic), good core - unbroken.
PC3				C2735	35.97	0.01	INFERIOR LIGNITE	Clayey, dark brown - grey, firm, friable, good core - unbroken.
PC3				C2735	36.02	0.05	LIGNITE	Dark brown, firm, friable, good core - unbroken.
PC3				C2735	36.08	0.06	LIGNITE	Woody textured, dark brown, firm, friable, good core - unbroken.
								IRREGULARLY FRACTURED
PC3				C2735	36.13	0.05	LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken.
								IRREGULARLY FRACTURED
PC3				C2735	36.18	0.05	LIGNITE	Woody textured, dark brown - black, low strength, brittle, good core - unbroken.
								OCCASIONAL CLAY PODS

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
		PC3		C2735	36.21	0.03	LIGNITE	Dark brown, firm, slickensides on fracture, friable, sparse, oblique joints, angle of joints 30 degrees, good core - unbroken.
		PC3		C2735	36.28	0.07	LIGNITE	Dark brown, firm, friable, good core - unbroken.
		PC3		C2735	36.37	0.09	LIGNITE	Woody textured, dark brown, firm, friable, good core - unbroken; Bands include: LIGNITE, woody textured, dark brown, low strength, brittle, good core - unbroken, subfissile.
		PC3		C2735	36.41	0.04	LIGNITE	Dark brown, firm, friable, good core - unbroken.
		PC3		C2735	36.46	0.05	LIGNITE	Woody textured, dark brown, firm, coal cleat, friable, sparse, subvertical joints, vertical joints, good core - unbroken; Bands include: LIGNITE, woody textured, dark brown, low strength, brittle, good core - unbroken, subfissile.
		PC3		C2736	36.56	0.10	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken, gradational base, common woody fragments.
		PC3		C2736	36.61	0.05	INFERIOR LIGNITE	Clayey, medium to dark brown, firm, friable, good core - unbroken, common woody fragments.
		PC3		C2736	36.65	0.04	LIGNITE	Dark brown - black, firm, friable, good core - unbroken.
		PC3		C2736	36.74	0.09	LIGNITE	Woody textured, dark brown - black, firm, friable, good core - unbroken.
		PC3		C2737	36.78	0.04	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken; HIGH CLAY CONTENT, ALMOST LOW PLASTICITY
		PC3		C2737	36.83	0.05	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken; LESS CLAY THAN PREVIOUS UNIT
		PC3		C2737	36.91	0.08	LIGNITE	Dark brown, firm, friable, good core - unbroken.
		PC3		C2737	36.99	0.08	LIGNITE	Silty, medium to dark black, firm, friable, good core - unbroken, fibrous.
		PC3		C2737	37.05	0.06	INFERIOR LIGNITE	Dark 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
		PC3		C2737	37.30	0.25	INFERIOR LIGNITE	Clayey, medium to dark brown, firm, friable, good core - unbroken, common woody fragments.
		PC3		C2737	37.57	0.27	LIGNITE	Woody textured, peaty, dark brown - black, firm, friable, good core - unbroken; LOOKS LIKE A BRANCH, SOME CLAY
		PC3		C2737	37.63	0.06	INFERIOR LIGNITE	Clayey, medium to dark brown, firm, friable, good core - unbroken, common woody fragments.
					BASE OF SEAM PC3	37.63	1.79	
				C2738	37.78	0.15	LIGNEOUS CLAY	Medium to dark brown - grey, firm, low plasticity (organic), good core - unbroken, common woody fragments.
				C2738	37.90	0.12	LIGNEOUS CLAY	Dark brown - grey, firm, low plasticity (organic), good core - unbroken, common woody fragments.
				C2738	37.96	0.06	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken.
				C2738	38.00	0.04	INFERIOR LIGNITE	Clayey, dark brown - grey, firm, low plasticity (organic), good core - unbroken, gradational base.
INCREASED CLAY DOWN SEQUENCE								
				C2738	38.15	0.15	LIGNEOUS CLAY	Dark brown - grey, firm, low plasticity (organic), good core - unbroken, gradational base.
				C2738	38.16	0.01	CLAY	Medium to dark brown - grey, firm, low plasticity (clay), good core - unbroken, gradational base.
				C2738	38.18	0.02	INFERIOR LIGNITE	Clayey, dark brown, firm, friable, good core - unbroken.
				C2738	38.23	0.05	INFERIOR LIGNITE	Clayey, woody textured, dark brown, firm, friable, core crushed, fissile.
				C2738	38.26	0.03	LIGNEOUS CLAY	Dark brown - black, firm, high plasticity (organic), good core - unbroken, fissile, common woody fragments.

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2738	38.31	0.05	LIGNEOUS CLAY	Dark brown - grey, firm, high plasticity (clay), good core - unbroken, subfissile.
				C2738	38.43	0.12	CLAY	Mottled grey - brown, firm, high plasticity (clay), good core - unbroken, occasional woody fragments.
				C2738	38.48	0.05	CLAY	Ligneous, medium to dark brown, firm, high plasticity (clay), good core - unbroken; Bands include: CLAY, light to medium grey - brown, firm, high plasticity (clay), good core - unbroken.
				C2738	38.77	0.29	INFERIOR LIGNITE	Clayey, woody textured, dark brown, firm, friable, good core - unbroken, fibrous, sharp irregular base; LOOKS LIKE A BRANCH
				C2739	38.85	0.08	CLAY	Ligneous, medium to dark brown, firm, high plasticity (clay), good core - unbroken, common woody fragments.
				C2739	38.96	0.11	CLAY	Light to medium grey, firm, high plasticity (clay), good core - unbroken, gradational base, occasional woody fragments.
				C2739	39.16	0.20	CLAY	Light to medium grey - brown, firm, high plasticity (clay), good core - unbroken, gradational base.
				C2739	39.30	0.14	CLAY	Light to medium grey, firm, high plasticity (clay), good core - unbroken, gradational base.
				C2739	39.38	0.08	CLAY	Light to medium grey - brown, firm, high plasticity (clay), good core - unbroken, gradational base.
				C2739	39.51	0.13	CLAY	Ligneous, light to medium brown, firm, low plasticity (clay), good core - unbroken, common woody fragments.
				C2739	39.61	0.10	CLAY	Light to medium grey, firm, high plasticity (clay), good core - unbroken, common woody fragments.
				C2739	39.74	0.13	CLAY	Light to medium grey - brown, firm, high plasticity (clay), good core - unbroken, occasional woody fragments.
				C2739	39.84	0.10	CLAY	Ligneous, medium to dark brown, firm, high plasticity (clay), good core - unbroken, abundant woody fragments.

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2739	40.13	0.29	CLAY	Light to medium grey - brown, firm, high plasticity (clay), good core - unbroken, occasional woody fragments; Additional features include: good core - unbroken, occasional resin aggregates.
				C2739	40.34	0.21	CLAY	Medium to dark brown - grey, firm, low plasticity (clay), good core - unbroken, common woody fragments; Additional features include: good core - unbroken, occasional resin aggregates.
				C2739	40.64	0.30	CLAY	Light to medium grey - brown, firm, high plasticity (clay), good core - unbroken, occasional resin aggregates; Additional features include: common woody fragments.
				C2739	40.78	0.14	CLAY	Light to medium brown - grey, firm, low plasticity (clay), good core - unbroken, common woody fragments.
				C2739	40.84	0.06	CLAY	Light to medium grey, firm, high plasticity (clay), good core - unbroken.
				R	45.00	4.16	NO RECORD	
				C2740	45.23	0.23	CLAY	Bentonitic, light to medium grey, firm, high plasticity (clay), good core - unbroken.
				C2740	45.41	0.18	CLAY	Light to medium grey, firm, high plasticity (clay), good core - unbroken, sharp oblique base, beds dip at 10 degrees.
				C2740	45.42	0.01	SAND	Clayey, light to medium grey, firm, non-plastic, good core - unbroken, coarsening upwards, sharp planar base, beds dip at 00 degrees.
				C2740	45.50	0.08	CLAY	Light to medium grey, firm, high plasticity (clay), good core - unbroken, common coaly wisps.
				C2740	45.51	0.01	CLAY	Sandy, light to medium grey, firm, low plasticity (clay), good core - unbroken.
				C2740	45.54	0.03	CLAY	Sandy, light to medium brown, firm, low plasticity (clay), good core - unbroken, fining upwards;
							LESS SAND TOWARDS TOP OF UNIT	
				C2740	45.62	0.08	CLAY	Medium to dark brown - grey, firm, high 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
				C2740	45.75	0.13	CLAY	Sandy, light to medium brown - grey, firm, high plasticity (clay), good core - unbroken.
				C2740	45.90	0.15	CLAY	Medium to dark brown - grey, firm, high plasticity (clay), good core - unbroken.
				TOP OF SEAM PDO		45.90		
	PDO			C2741	46.32	0.42	LIGNITE	Woody textured, dark brown - black, firm, friable, good core - unbroken.
	PDO			C2742	46.38	0.06	LIGNEOUS CLAY	Dark brown, firm, high plasticity (organic), good core - unbroken.
	PDO			C2742	46.57	0.19	LIGNITE	Woody textured, dark brown - black, firm, friable, good core - unbroken.
	PDO			C0012	46.59	0.02	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken.
	PDO			C0012	47.01	0.42	INFERIOR LIGNITE	Clayey, woody textured, dark brown - black, firm, friable, good core - unbroken, sharp irregular base, common resin aggregates.
	PDO			C2743	47.15	0.14	CLAY	Mottled brown - grey, firm, high plasticity (clay), good core - unbroken.
	PDO			C2743	47.21	0.06	CLAY	Medium to dark brown, firm, high plasticity (clay), good core - unbroken.
	PDO			C2743	47.26	0.05	CLAY	Light to medium brown - grey, firm, high plasticity (clay), good core - unbroken.
	PDO			C2743	47.32	0.06	INFERIOR LIGNITE	Clayey, dark brown - black, firm, friable, good core - unbroken.
	PDO			C2743	47.45	0.13	LIGNITE	Woody textured, dark brown - black, firm, friable, good core - unbroken.
								LOOKS LIKE A BRANCH

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STRAT NAME	SEG NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
		PDO		C2743	47.51	0.06	CLAY	Light to medium brown - grey, firm, slickensides on fracture, high plasticity (clay), sparse, oblique joints, angle of joints 30 degrees, good core - unbroken, sharp oblique base, beds dip at 10 degrees.
		PDO		C2743	47.80	0.29	INFERIOR LIGNITE	Clayey, woody textured, dark brown, firm, friable, good core - unbroken, sharp oblique base, beds dip at 10 degrees, abundant resin aggregates; Bands include: CLAY, light to medium brown - grey, firm, high plasticity (clay), good core - unbroken; Bands include: INFERIOR LIGNITE, clayey, woody textured, dark brown, low strength, brittle, good core - unbroken, abundant resin aggregates.
		PDO		C2743	47.95	0.15	CLAY	Ligneous, dark brown, firm, high plasticity (clay), good core - unbroken, abundant woody fragments.
BASE OF SEAM PDO					47.95	2.05		
					48.08	0.13	CORE LOSS	Good core - unbroken.
				C2744	48.51	0.43	CLAY	Light to medium brown - grey, firm, high plasticity (clay), good core - unbroken, common woody fragments.
				C2744	48.55	0.04	CLAY	Ligneous, light to medium brown, firm, high plasticity (clay), good core - unbroken, subfissile.
				C2744	48.61	0.06	CLAY	Ligneous, medium to dark brown, firm, low plasticity (clay), good core - unbroken, fissile, common woody fragments.
				C2744	48.71	0.10	CLAY	Light to medium brown - grey, firm, high plasticity (clay), good core - unbroken, gradational base, occasional woody fragments.
				C2744	48.78	0.07	CLAY	Light to medium brown, firm, high plasticity (clay), good core - unbroken, occasional woody fragments.
				C2744	48.79	0.01	CLAY	Light to medium brown - grey, firm, high plasticity (clay), good core - unbroken.
				C2744	48.86	0.07	CLAY	Ligneous, medium to dark brown, firm, low plasticity (clay), good core - unbroken, fissile, common woody fragments.

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THIESS COAL SYSTEM

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LAUNCESTON.

GEOLOGICAL LOG REPORT

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STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
				C2745	49.09	0.23	CLAY	Kaolinitic, light to medium brown - grey, firm, high plasticity (clay), good core - unbroken, gradational base, common woody fragments.
				C2745	49.14	0.05	CLAY	Kaolinitic, light to medium brown - grey, firm, high plasticity (clay), good core - unbroken; RADLIN NODULES
				C2745	49.36	0.22	CLAY	Kaolinitic, light to medium brown - grey, firm, high plasticity (clay), good core - unbroken.
				C2745	49.55	0.19	CLAY	Light to medium brown - grey, firm, high plasticity (clay), good core - unbroken, occasional woody fragments.
				C2745	49.70	0.15	CLAY	Kaolinitic, light brown - grey, firm, high plasticity (clay), good core - unbroken.
					50.28	0.58	CORE LOSS	
					64.80	14.52	CLAY	Light brown - grey, firm, high plasticity (clay), occasional woody fragments; Bands include: INFERIOR LIGNITE, medium to dark brown, soft, friable.
					68.40	3.60	CLAY and INFERIOR LIGNITE	Interbedded 70:30. CLAY: silty, light to medium grey, soft, occasional woody fragments; INFERIOR LIGNITE.
					90.00	21.60	CLAY	Silty, light to medium grey, soft; Bands include.
END OF BORE AT					90.00 m			

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