

C.R.A. EXPLORATION PTY. LIMITED  
DRILL CORE LOG

823039

SHEET.....1..... OF ..2.....

TENEMENT NAME.....Mersey River J.V..... No. EL. 4/74

PLAN - MAP REFERENCE.....1 : 25 000.....

CO-ORDINATES.....452950..... E 5425780..... N DRILLERS.....Exploration Drilling..... COMMENCED.....10.10.81..... DEPTH.....6.35m..... HOLE No.....PD81 MR10

RL COLLAR.....60..... ASL INCLINATION.....- 90°..... DRILL TYPE.....I.R. TH40..... COMPLETED.....10.10.81..... CASING LEFT..... DPO No(s).....3030

DEPTH		Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by.....)				
From (M)	To (M)									PROXIMATE ANALYSIS (DRY)	ANALYSIS			DR YIELD
										Moisture %	Fixed C %	Ash %		L/Tonne
0	2				ARGILLITE: Highly weathered, silty mudstone. Yellow - ochre.									
2	4.4				ARGILLITE: Blue grey mudstone, slightly silty.									
4.40	4.77	.27			TASMANITE OIL SHALE : (4.40-4.50 percussion drilled, remainder diamond drilled). Moderate spore content. Very uniform. Sparsely pyritic. Foliation/lamination at ± 88°. Typical brownish colouration.	986434	4.60	4.77	.27	33.76	< 0.1	66.6		297
4.77	4.97	.20			TASMANITE OIL SHALE: Striped appearance caused by interlamination of rich bands (2-3mm) and spore poor bands, the latter having noticeable pyrite. This grade controlled interlamination is very distinctive in appearance, the brown, rich bands contrasting with the low grade, midgrey horizons.	986435	4.77	4.97	.20	15.76	3.40	80.83		166
4.97	5.20	.20			SILT: Midgrey silt-fine quartz-arenite. Very low spore content except in a few thin, wavy laminae. Some disseminated pyrite, plus minor pyrite veinlets and nodules. Occasional round chert and quartz arenite clasts to 1cm. Lower contact sharp at 88°.	986436	4.97	5.20	.20	8.16	1.13	90.71		18
5.20	5.55	.35			TASMANITE OIL SHALE: Fairly massive appearance, although lamination/foliation is quite well developed (± 88°). Moderately good grade. Grit size clasts of quartz, argillite and quartz arenite are quite common. Little pyrite throughout. Lower contact is gradational by decreasing spore content and interlamination of the underlying unit.	986437	5.20	5.55	.35	21.92	1.06	77.12		182

