823079

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

SHEET 1 OF 1

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

PLAN – MAP REFERENCE 1 : 25 000

CO-ORDINATES 453415 E 5424490 N DRILLERS Exploration Drilling COMMENCED 10:11:81 DEPTH 8.0m HOLE No. RD81MR44

RL COLLAR 85 m ASL INCLINATION - 90° DRILL TYPE I.R. TH60 COMPLETED 10:11:81 CASING LEFT DPO No(s) 30301

DEPTH From (M)	DEPTH To(M)	Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by ANDEI) PROXIMATE ANALYSIS (DRY) Volatiles %	Fixed C %	Ash %	OIL YIELD L/Tonne
0	5				SILTY ARGILLITES: Weathered to buff-ochre clays.								
5.00	6.15				SILTY ARGILLITE: Highly weathered to buff-ochre clay. Occassional clasts, but virtually rotted away except for those which are quartz.								
6.15	7.25				TASMANITE OIL SHALE: Overall of good grade. Unusual in that there is no distinct low grade area splitting the horizon into two seams. However, the seam is subdivided by a downward decrease in spore content from the top to 6.91m at which point there is a sharp increase again in spore content, but this again decreases downwards to the lower contact.								
6.15	6.91	.76			Very high grade in the upper 20cms, but spore content then decreases progressively downwards. Very uniform apart from this spore content variation. Lower contact sharp.	986662	6.15	6.91	0.76	15.22	1.85	82.93	141
6.91	7.25	.34			Again rich in the upper parts, decreasing below that. Very similar to the "shale" above except that occassional clasts (qz, qz-arenite) are present. The lower most contact is very gradational through decreasing spore content.	986663	6.91	7.25	0.34	16.62	1.50	81.88	161
7.25	8.00				SILT: Very poorly sorted; abundant grit size, angular, fragments plus frequent large (to 1½cm) clasts of a variety of lithotypes, but dominatly quartz. Minor spore content in upper 10cms.								