

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

823104

SHEET 1 OF 2

TENEMENT NAME Marsay River JV No. EL 4/74

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

CO-ORDINATES 450160 E 5431090 N DRILLERS Exploration Drilling COMMENCED 22.11.81 DEPTH 24.9m HOLE No. RD81MR6.3

RL COLLAR 22 # ASL INCLINATION - 90° DRILL TYPE I.R. TH60 COMPLETED 23.11.81 CASING LEFT..... DPO No(s) 35301

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) %	ASH %	MOISTURE %	YIELD
20.90	22.20				<i>SILTSTONE: With abundant clasts - almost an argillitic conglomerate. Mid grey. Not well sorted, clasts are sub-angular - subrounded, 1-2cm. Chert clast type is quartz arenite. Traces of pyrite and calcite associated with clasts. Lower contact is sharp at 90°.</i>									
22.20	22.46	0.26			<i>TASMANITE OIL SHALE: With abundant clasts. Basically very similar to the overlying silt but with a fairly high proportion of Tasmanities spores. Some pyrite associated with the clasts.</i>	986683	22.20	22.46	0.20	12.23	0.78	36.99		27
22.46	23.14	0.68			<i>TASMANITE OIL SHALE: Moderate grade. Fairly uniform. Clasts not abundant - include a large brachiopod shell. The clasts are surprisingly angular. Lamination/foliation at 90°, distorted around clasts - with pyrite occupying the pressure shadows. Lower contact is gradational.</i>	986684	22.46	23.14	0.68	17.95	0.84	71.22		252
23.14	23.43	0.29			<i>SILTSTONE: Basically same as the overlying oil shale but with only a very low spore content. Clast frequency as above. Lower contact is marked by a line of clasts (pyritic).</i>	986685	23.14	23.43	0.29	1.94	0.68	90.78		29
23.43	23.84	0.41			<i>TASMANITE OIL SHALE: Moderate grade. Clasts frequent and very poorly sorted. Noticeable content of small 0.5 - 1.5mm clasts (chert and quartz), not usually seen in the oil shale. At 23.84m is a 1cm band of small clasts below which the grade of the oil shale (i.e. spore content) rapidly decreases to nil.</i>	986686	23.43	23.84	0.41	17.45	2.17	80.38		250

