750063

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

SHEET 1 OF 2

TENEMENT NAME Mersey River LV. No. EL 4/7

PLAN – MAP REFERENCE RAILTON 1:25,000

CO-ORDINATES 455320 E 5430600 N DRILLERS Exploration Drilling COMMENCED 24-2-82 DEPTH 165m HOLE No RD82MR101

RL COLLAR 130 m ASL INCLINATION -90° DRILL TYPE I.R. THOR COMPLETED 26-2-82 CASING LEFT DPO No(s)

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)
0	10	Open hole			WEATHERED ARGILLITE: light brown-yellow clays. Infrequent clasts. Very soft.					
10	14	"	"		MUDSTONE: light grey well sorted mudstone with interbeds of yellow clay.					
14	28	"	"		MUDSTONES AND SILTSTONES: light grey, all extremely soft. Silts poorly sorted but without large clasts					
28	40	"	"		SANDSTONE: light grey, medium grained quartz-arenite (probably sub-greywacke). Fairly well sorted, strongly micaceous. Very soft. Traces of coal throughout, but especially 32-34m. Black coal but very low rank. Interbeds of siltstone and mudstone, both light-mid grey are common, but are subordinate to the sandstone.					
40	66	"	"		SILTSTONES: mid grey, occasionally sandy, and often muddy, siltstones. Poorly sorted, sparsely micaceous. Very soft.					
66	110	"	"		MUDSTONES: mid-dark grey mudstones, sometimes very silky. Very soft. Occasional thin (20cm) horizons of "clean" grey or grey-brown siltstone which are relatively hard. Clasts extremely infrequent.					
110	120	"	"		SILTSTONES: light grey, poorly sorted with clasts. Thin interbeds of fine grained					

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DRILL CORE LOG

TENEMENT NAME Mersey River J.V. No. E.L. 6/7

PLAN – MAP REFERENCE RAILTON 1:25,000

CO-ORDINATES 455320 E 5430600 N DRILLERS Exploration Drilling COMMENCED 24-2-82 DEPTH 165m HOLE No RD82MR101

RL COLLAR 130 m ASL INCLINATION -90° DRILL TYPE I.R. THM COMPLETED 26-2-82 CASING LEFT DPO No(s)

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)
					hard, almost cherty, siltstone/fine sandstone, slightly brownish grey.					
120	138	Open hole			SILTSTONES: light grey fine siltstones and SANDSTONES: fine grained darker grey sandstone interbeds, very cherty – distinctly pink-green colours. Siltstone is not well sorted, sparsely micaceous and with traces of pyrite. The cherty sandstones are well sorted. Abundant shelly fragments.					
138	159	"	"		MUDSTONE: blue grey, slightly silty Occasional clasts and harder horizons.					
159	160	"	"		TASMANITE OIL SHALE: typical. Moderate to good grade.					
160	165	"	"		SILTSTONE: mid grey, poorly sorted. Clasts dominantly pink quartz.					
					Geophysical log					
					Neutron: Tasmanite 160.25 – 161.30					
					Density: " 160.75 – 161.60 Parlingat 161.25					
					Coal indicated 27.8 – 28.8					