823035

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

SHEET 1 OF 2
TENEMENT NAME Mersey River J.V. No. EL 4/74
PLAN – MAP REFERENCE 1 : 25 000

CO-ORDINATES 452800 E 5425920 N DRILLERS Exploration Drilling COMMENCED 9-10-81 DEPTH 40.35 HOLE No. PD81 MR7
RL COLLAR 70 m ASL INCLINATION - 90° DRILL TYPE I.R. TH60 COMPLETED 9-10-81 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 AMDEL) PROXIMATE ANALYSIS (DRY) Volatiles %	Fixed C %	Ash %	OIL YIELD L/Tonne
0	4				ARGILLITE: Highly weathered silty argillite. Yellow-ochre								
4	17				ARGILLITE: Blue grey silty argillites with thin, fine grained quartz-arenite interbeds or ? clasts. Some disseminated pyrite.								
17.00	17.70				ARGILLITE: Blue grey silty mudstone with up to 15% clasts of quartz-arenite, quartz and some argillites. Silt rich interbeds show soft sediment deformation at their lower contacts with finer mudstones. Vague laminae, often contorted, at ± 85°. Traces of pyrite, especially with the clasts.								
17.70	17.80				CAVITY: Only small fragments of strongly limonitic argillite recovered.								
17.80	18.53	.73			TASMANITE OIL SHALE: The upper contact is marked by silt load casts intruding and warping the oil shale. Pyrite is abundantin the oil shale. A sub-vertical highly limonitic and careous fissure cuts this entire intersection. The spore content is only moderate. Foliation/bedding is at ± 90°. Very large (5cm) nodules of pyrite plus thin veinlets (1mm) of pyrite occur. Clasts of quartz and quartz arenite are present but very frequent. Spore content decreases rapidly in the lower 15cms.	986300	17.80	18.53	.73	13.19	2.28	80.54	144
18.53	18.60	.06			SILT: Very fine silty arenite with low percentage of spores Fairly abundant disseminated and vein (1mm) pyrite. Lower contact is lost.	986301	18.53	18.60	.06	5.16	2.11	92.72	0

823036

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

TENEMENT NAME Hersey River J.V. No. E.L. 4/74

PLAN – MAP REFERENCE 1 : 25 000

CO-ORDINATES 452800 E 5425920 N DRILLERS Exploration Drilling COMMENCED 9-10-81 DEPTH 20.35 HOLE No. PD81 MR7

RL COLLAR 70 m ASL INCLINATION - 90° DRILL TYPE I.R. TH60 COMPLETED 9-10-81 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 AMDEL) PROXIMATE ANALYSIS (DRY) Volatiles %	Fixed C %	Ash %	OIL YIELD L/Tonne
18.60	19.00				Core loss								
19.00	19.43	.43			TASMANITE OIL SHALE: Extremely weathered, very soft, spongy to feel, very flexible. Brown with green or bronze lustre. High spore content. Clasts (also highly weathered) of quartz arenite to 5mm are quite common. Lower contact is interbedded and spore content decreases down towards it.	986302	19.00	19.43	0.43	26.05	2.21	11.34	170
19.43	19.54				ARGILLITES: Dark grey silt-mudstone with numerous small clasts of a variety of lithotypes, dominantly quartz-arenite.								
19.54	20.00				Core Loss								
20.00	20.35				ARGILLITES: As above.								