C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. 1

TENEMENT NAME Endeavour S.V. No. EL 4174

PLAN – MAP REFERENCE Railton (Hobart) 1:25000

CO-ORDINATES 444820E 5427490N AZIMUTH – DRILLERS Overland COMMENCED 24.3.83 DEPTH 16.60 metres HOLE No. 2083NK4

RL COLLAR 170m AMSL INCLINATION -90° DRILL TYPE Jackman COMPLETED 24.3.83 CASING LEFT DPO No(s)

DEPTH From (M)	DEPTH To(M)	Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by)
0	1.0				SOIL						
1.0	3.0				WEATHERED SHALES	: ochre-brown clays					
3.0	14.0				SILTY SHALE	: blue grey shale stratiform					
14.00	14.09	.09	NQ		SHALE	: blue grey shale with stratiform clasts to ≤ 40% of total. Clasts are chert, shale (black) and quartz, subangular and up to 1cm. Interstitial pyrite is abundant					
14.09	14.18	.09	NQ		TASMANITE	low - moderate grade Tasmanite oil shale with approx. 10% clasts up to 1cm (qz., qzite, chert, black shale) Upper contact sharp but contorted, lower contact gradational by decrease in spore content.					
14.18	14.45	.27	NQ		SILTY MUDSTONE	: mid grey, silty mudstone with a very small % age of Tasmanite spores. Small (up to 1½cm) clasts (5%) increase in size (2cm) and frequency (70%) towards lower contact which is sharp but irregular					
14.45	14.90	.45	NQ		TASMANITE	: moderate grade. Few stratiform clasts, those present being small (3mm) Foliation at 75°					

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SHEET No. 2

C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

TENEMENT NAME ENDEAVOUR J.V. RAILTON OIL SHALE No. EL 1174

PLAN – MAP REFERENCE RAILTON (4442) 1:25000

CO-ORDINATES 444320E 5427490N AZIMUTH – DRILLERS OVERLAND COMMENCED 24:3:83 DEPTH 16.60 metres HOLE No. RD83NK4

RL COLLAR 170m AMSL INCLINATION –90° DRILL TYPE WARMAN COMPLETED 24:3:83 CASING LEFT – DPO No(s)

DEPTH From (M)	DEPTH To(M)	Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by)
14.90	15.30	0.40	NQ		MUDSTONE	: poorly fissile, blue grey. Infrequent clasts, subangular to subrounded, up to 1cm, generally qz, black shale, chert. Traces of Tasmanite spores. Lower contact sharp at 70°					
15.30	15.49	0.19	NQ		TASMANITE	: moderate grade. up to 5% clasts (to 1/2cm), dominantly subangular grey chert and black shale. lower contact gradational.					
15.49	15.78	0.29	NQ		SILTSTONE	: micaceous, mid grey, fairly massive. Tasmanite spores present to ± 5% and some dropstone clasts upto 1/2cm. Lower contact sharp at ~~∅~~ 75°					
15.78	16.60 (EOH)	0.82	NQ		MUDSTONE CONGLOMERATE	: blue grey massive to poorly fissile mudstone matrix supporting ± 30% clasts up to 6cm (range 1cm–6cm). Slight increase in clast size downwards.					

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