C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. 1

TENEMENT NAME ENDEAVOUR J.V. RAILTON OIL SHALE No. EL 4174

PLAN – MAP REFERENCE RAILTON (4442) 1:25000

CO-ORDINATES 443360 E 5429920 N AZIMUTH — DRILLERS OVERLAND COMMENCED 22:3:83 DEPTH 42 metres HOLE No. RDB3NK1

RL COLLAR 130 m AMSL INCLINATION -90° DRILL TYPE Wanderman COMPLETED 22:3:83 CASING LEFT Nil 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: ochre clay soil						
1.0	3.0				CLAYS: brown-ochre	Weathered shales and silts.					
3.0	4.0				CLAYS: greyish brown	Weathered shales and siltstones with relatively fresh, grey shale fragments present.					
4.0	17.0				SHALES & SILTSTONES	Blue-grey, soft shales and subordinate siltstones. Fragments of chert and qz probably represent dropstones. The silts are often lighter grey and are poorly sorted.					
17.0	30.0				SHALES & MUDSTONES	Very uniform blue grey shales and mudstones with occasional silty horizons and qz or chert dropstones.					
30.0	36.0				SILTSTONES	Dominantly light-mid grey silts and silty mudstones with abundant fossil bryozoan, coral and shell fragments. Occasional thin (20cm) harder, silty sandstone interbeds.					
36.0	39.0				MUDSTONE	Blue-grey very poorly fissile mudstones with occasional dropstones					

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C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. 2

TENEMENT NAME Endeavour 3.4 No. EL 4174

PLAN – MAP REFERENCE Raeburn (4442) 1:25000

CO-ORDINATES 443360E 8429520N AZIMUTH – DRILLERS Overland COMMENCED 22:3:83 DEPTH 42.0m HOLE No RD83NK1

RL COLLAR 130m AMSL INCLINATION -90° DRILL TYPE [illegible] COMPLETED 22:3:83 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)
39.0	42.0				SILTSTONES	Light-mid grey, fairly hard sandy in parts. Infrequent dropstones. Fossil fragments common.					
						Hole stopped at 42.0m because the succession is interpreted to be quite a stratigraphic distance above the Taonanite horizon. The abundance of fossil fragments in dominantly silty horizons may be correlated with similar horizons up to 50m above the Taonanite (Railton drilling 1981-82)					

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