

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

TENEMENT NAME..... PARATTAH No. EL 18/82

PLAN - MAP REFERENCE.....

CO-ORDINATES..... 526600mE 5301400mN AZIMUTH..... NA DRILLERS..... OVERLAND COMMENCED..... 11.9.84

DEPTH..... 24.80m HOLE No. DD84 PT-13

RL COLLAR..... 432m ASL INCLINATION..... -90° DRILL TYPE..... WARMAN 500 COMPLETED..... 12.9.84

CASING LEFT..... DPO No(s).....

DEPTH		CORE RECOVERY		CORE SIZE	CORE DESCRIPTION	WEATH.	DEFECT SPACING	Sample No.	From (m)	To (m)	Rec (m)	ASSAY VALUES (Analysed by ACIRL)								
From (m)	To (m)	m	%									RD	A	RD	A	M	VM	S	SE	FC
0	1.2	0.9	75	HQ	0-0.2: Ferricrete, pisolitic	NA														
				"	0.2-1.15: Clay, red/brown, minor pisolites	"						* Weathering status may be the combined effects								
1.2	2.7	1.3	87	"	1.15-1.55: Clay red/brown, with HW dolerite clasts	"	Tertiary					of - (i) Oxidation at time of deposition								
				"	1.55-1.90: Ferricrete, pisolitic in red clay	"						(ii) Thermal alteration by dolerite								
				"	1.90-3.1: Sandstone (? Tertiary reworking of Triassic lithic sandstone)	"						(iii) Lateritic weathering during the Tertiary								
4.5	6.3	1.55	86	NQ	3.1-6.85: Sandstone, lithic, m to cg	MW														
6.3	7.5	1.2	100	"	6.85-8.9: Mudstone, laminated, minor siltstone interbeds	HW														
				"	8.9-9.12: Mudstone, carbonaceous, silty	MW		159	8.90	9.12	0.22	2.37	84.4							
				"	9.12-9.16: Crushed zone in carbonaceous mudstone		Δ ≈ 80°	160			0.04	2.24	76.5							
				"	9.16-9.50: Siltstone, carbonaceous	MW		161			0.34	2.44	89.7							
				"	9.50-9.80: Siltstone, carbonaceous, with small (<2mm) carbonaceous mudstone pellets, & v.minor coal fragments	(SW		162			0.30	2.41	89.2		88.1	3.4	5.9	0.01	1.26	2.6
7.5	11.7	4.2	100	"	9.80-9.92: As above, but 5 vol % coal fragments	SW		163			0.12	2.40	87.7							
				"	9.92-10.2: As above, but 10 vol % coal fragments and dislocated coal plies, with calcite	{ SW		164	9.92	10.2	0.28	2.41	87.3							
				"	10.2-11.15: Mudstone, silty, dark grey	F														
				"	11.15-11.88: Siltstone, laminated, minor mudstone interbeds	F														
11.7	12.1	0.3	75	"	11.88-11.90: Mudstone, carbonaceous	F								Sample 165 =						
				"	11.90-12.10: Coal, dull (D), oxidised, and contaminated with carbonaceous mudstone	{ MW *		165	11.90	12.10	0.20	2.06	47.8		47.8	3.3	14.8	0.10	12.78	34.3
				"	12.10-12.20: Coal, dull (D) and muddy carbonaceous siltstone, sample broken & contaminated	{ MW		166			0.10	2.02	54.9	Samples 165-168 inclusive =						
				"	12.20-12.35: Coal, dull (D), oxidised	MW *		167			0.15	2.18	67.3		69.7	3.4	7.7	0.02	7.10	19.2
				"	12.35-12.65: Mudstone, carbonaceous	SW/F		168	12.35	12.65	0.30	2.41	86.1							
12.1	14.8	2.35	87	"	12.65-13.10: Mudstone, dark grey	F														
				"	13.10-13.17: Coal, heavy dull & carbonaceous mudstone	MW *		169	13.10	13.17	0.07	2.35	75.4	→	75.4	2.4	7.2	0.02	5.20	15.0
				"	13.17-13.30: Crushed zone in carbonaceous mudstone (Δ75/80°)															
				"	13.30-13.70: Mudstone, grey/brown															
				"	13.70-15.30: Siltstone, laminated, minor mudstone 1B's															

