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

SHEET No. 1

TENEMENT NAME PARATTAH No. EL 18/82

PLAN – MAP REFERENCE

CO-ORDINATES 539596.3mE 5320 182.5N AZIMUTH NA DRILLERS OVERLAND COMMENCED DEPTH 57.10m HOLE No. DD84 PT-24

RL COLLAR 431.85 ASL INCLINATION -90° DRILL TYPE SCOUT 250 COMPLETED CASING LEFT DPO No(s)

DEPTH From (m)	DEPTH To (m)	CORE RECOVERY m	CORE RECOVERY %	CORE SIZE	CORE DESCRIPTION	WEATH.	DEFECT SPACING	Sample No.	From (m)	To (m)	Rec (m)	ASSAY VALUES (Analysed by ACIRL) RD	A	Composites RD	A	M	VM	S	SE	FC
0	3.6			TRICONE ROLLER - PRECOLLAR																
3.6	3.7	0.1	100	NQ	0- ≃ 4.0: Dolerite scree, minor clay															
3.7	6.7	0.4	13	"	≃4- ≃6.7: Sandstone, lithic, ?mg	EW														
				"	≃6.7-8.35: Core loss (0.08m of coal/mudstone	EW														
6.7	9.6	2.35	81	"	8.35-8.70: Mudstone, yellow/brown	EW														
				"	8.70-9.65: Mudstone, khaki/grey, shaley	HW														
9.6	12.6	2.95	98	"	9.65-11.30: 1B grey mudstone/siltstone/fg lithic sandstone	MW														
12.6	15.7	3.1	100	"	11.30-12.54: Sandstone, lithic, fg, minor siltstone	SW														
18.7	19.8	1.07	97	"	12.54-29.45: Sandstone, lithic, f/m/cg, coaly debris &	F														
19.8	21.7	1.75	92	"	grey mudstone 19.8-20.1, 21.75-22.0 & 23.15-25.0m								BOCO	≃ 12.54m						
21.7	24.7	3.1	(100	"																
24.7	27.7	2.9	(	"	29.45-31.70: Mudstone, grey/dark grey/brown laminated															
27.7	30.7	3.0	100	"																
30.7	31.7	1.1	> 100	"	31.70-32.17: Siltstone															
				"	32.17-32.36: Mudstone, pale brown/buff															
				"	32.36-32.45: Coal, dull (D)															
				"	32.45-32.62: Siltstone, with pale brown mudstone pellets															
				"	32.62-32.65: Coal, dull, ≃ 3% B (Dmb), fissite															
				"	32.65-32.71: Shale, buff															
				"	32.71-32.88: Coal, dull, ave. 5% B(Dmb), some core loss															
31.7	33.2	1.45	97	"	?including thin shale band															
				"	32.88-33.10: Siltstone, with mudstone laminae, grading to															
					fg lithic sandstone at base with mudstone & coal fragments															
33.2	33.5	0.1	33	"	33.10-33.20: Shale, buff, coal laminae															
33.5	36.2	0.1	4	"	33.20-33.50: Sandstone, lithic, fg, but core recovery															
36.2	39.7	1.5	43	"	only 0.1m															
				"	33.50-36.2: Core loss - only 0.10m fg lithic sandstone															
					recovered															
				"	36.2-39.2: Sandstone, lithic, f to mg with 1B of															
					siltstone, (Note- core loss also)															

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DRILL CORE LOG

[redacted] T No. [redacted]

TENEMENT NAME..... No. .....

PLAN – MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. DD84 PT-24

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s).....

DEPTH From (m)	DEPTH To (m)	CORE RECOVERY m	CORE RECOVERY %	CORE SIZE	CORE DESCRIPTION	WEATH.	DEFECT SPACING	Sample No.	From (m)	To (m)	Rec (m)	ASSAY VALUES (Analysed by .....) RD	A	Composites RD	A	M	VM	S	SE	FC
				NQ	39.2-39.70: Mudstone, grey/dark grey, laminated															
39.7	42.7	2.97	99	"	39.70-45.47: Sandstone, lithic, mg, with coaly and															
					mudstone debris to 41.9m															
42.7	45.7	3.0	100	"	45.47-45.66: Coal, heavy dull, single 5mm silicified band			989200	45.47	45.66	0.19	1.88	58.2	→	58.2	0.9	9.9	0.24	14.04	31.0
				"	45.66-45.77: Coal, silicified wood (D)			989701	45.66	45.77	0.11	2.43	83.2							
				"	45.77-45.91: Sandstone, lithic, fg- carbonate concretion															
					(+ ? silicified), minor mudstone and coal debris															
				"	45.91-46.10: Sandstone, lithic, mg ± coal fragments															
				"	46.10-46.35: Mudstone, dark grey, broken															
				"	46.35-46.39: Mudstone, pale brown		△ Sp 70°													
				"	46.39-46.44: Mudstone, carbonaceous (± HDC)															
45.7	48.7	3.0	100	"	46.44-46.90: Mudstone, pale brown/grey															
				"	46.90-47.06: Mudstone, dark grey ± carbonaceous															
				"	47.06-47.11: Mudstone, pale brown															
				"	47.11-47.82: Mudstone, dark grey ± carbonaceous															
				"	47.82-47.97: Shale, buff															
				"	47.97-48.06: Mudstone, carbonaceous			989702	47.97	48.06	0.09	2.27	82.2							
				"	48.06-48.19: Mudstone, 1B grey + dark grey															
				"	48.19-48.34: Shale, buff															
48.7	51.1	2.65	>100	"	48.34-48.40: Mudstone, grey and brown															
51.1	54.1	3.2	>100	"	48.40-57.10: Sandstone, lithic, f to mg carbonate															
54.1	57.1	2.85	95	"	concretion 51.8-52.07, 55.38-55.63, both with coal and															
		8.7			mudstone fragments															
(8.4 undrilled - 8.7 unrecovered)																				
					EOH - 57.10m															