

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

SHEET No. 1/4
TENEMENT NAME... ARTHUR RIVER... No. 43/7

CO-ORDINATES..... AZIMUTH... 285° (m)..... DRILLERS... K. PARRY..... COMMENCED... 21-5-85..... DEPTH... 212.5..... HOLE No. DD85CC
RL COLLAR..... INCLINATION... -46°..... DRILL TYPE... BOYLES..... COMPLETED... 1-6-85..... CASING LEFT... 5.0..... DPO No(s).....

PLAN - MAP REFERENCE.....

DEPTH... 212.5..... HOLE No. DD85CC

CASING LEFT... 5.0..... DPO No(s).....

DEPTH		Core Rec (M)	Core Size	Core D Bedded Dip Angle	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by.....)				
From (M)	To (M)														
					0.0 - 23.5m Tricone pre-collapse - no core										
23.5	30.5	6.3	NQ		23.5 - 43.5m Variable dolomite sequence; light-dark grey, bedded to massive dolomite with minor magnetite; magnetite associated with minor quartz veining										
30.5	33.5	3.0													
33.5	41.5	7.2													
41.5	42.3	2.9													
					23.5 - 27.3m Massive, medium grey dolomite with minor magnetite		1154851	23.8	24.0	0.2					
				28.4 20°	27.3 - 41.5m Dark grey dominantly bedded dolomite		852	31.0	31.2	0.2					
				31.0 31°											
				33.5 31°	41.5 - 43.5m Medium grey, dominantly massive dolomite with minor magnetite		853	39.6	39.8	0.2					
				36.5 21°											
				42.7 35°			854	42.3	42.5	0.2					
42.3	45.5	3.0		43.8 34°	43.5 - 45.5m Khaki green amphibolite with minor carbonates strongly foliated; minor quartz veining and associated rare magnetite and pyrite		855	45.15	45.3	0.15					
				43.9 35°			856	52.5	52.7	0.2					
45.5	54.3	6.2		46.3 42°	45.5 - 130.5m Variable dolomite sequence; light-dark grey, bedded to massive dolomite with minor magnetite; siliceous zones		857	61.9	62.1	0.2					
54.3	57.6	3.1					858	69.8	70.0	0.2					
57.6	59.0	1.6													
59.0	60.5	1.6													
60.5	63.5	3.1		54.7 35°	45.5 - 86.6m Medium grey, dominantly massive dolomite; minor magnetite usually associated with quartz veining		859	75.4	75.6	0.2					
63.5	65.0	1.5		71.0 36.6°			860	84.3	84.6	0.2					
65.0	66.5	1.5		82.0 23°											
66.5	68.0	1.6		87.1 25°	56.6 - 56.7m, 69.4m, 75.4m Trace pyrite associated with quartz veining										
				91.0 12°	86.6 - 91.7m Dark grey, bedded dolomite		861	89.4	89.55	0.15					

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

SHEET No. 3/

TENEMENT NAME..... No.

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. DDSC

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

DEPTH		Core Rec. (M)	Core Size	Core " to Bedding	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by.....)			
From (M)	To (M)													
			NO		136.2 - 136.7m Pale - dark green sericite schist with minor carbonate		874	136.2	136.7	0.5				
135.0	138.0	3.0		51.0 47°	136.7 - 145.4m Light - dark grey variable sequence of a dark fine grained sediment (shale?) and light dolomite. Sequence becomes more dolomite rich with depth. Common white carbonate clasts; strongly foliated; minor schist zones		875	136.7	140.7	4.0				
138.0	141.0	3.1		42.8 24°	140.7 - 141.0m Dark green amphibolite schist;									
141.0	144.0	3.3			144.4 - 144.5m strongly foliated with minor carbonate 144.8m Trace pyrite associated with quartz veining		876	141.0	144.4	3.4				
144.0	147.0	3.0			145.4 - 186.3m Light - dark grey, variable bedded and massive dolomite rich sequence; minor quartz veining and magnetite		877	149.6	149.8	0.2				
147.0	150.0	2.9					878	153.0	153.2	0.2				
150.0	153.0	3.2												
153.0	156.0	3.0			145.4 - 152.7m Variable bedded and massive dolomite with common coarse - medium sized carbonate fragments		879	157.1	157.3	0.2				
156.0	159.0	3.0			Common quartz and carbonate veining with minor magnetite									
159.0	162.0	3.0												
162.0	165.0	3.0												
165.0	168.0	3.0												
168.0	171.0	3.0												
171.0	174.0	3.0			152.7 - 154.7m Medium grey dolomite with a sandy texture; bedded; minor carbonate clasts to 1cm									
174.0	177.0	3.0												
177.0	180.0	3.0												
180.0	183.0	3.0		51.2 51°	154.7 - 158.5m Bedded and cleaved, dark grey dolomite rich rock; possible shale and dolomite interbeds.									
183.0	189.0	6.0												

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