

DD83AR2

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

TENEMENT NAME ARTHUR RIVER EL No. 43/70

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH 330° AMG DRILLERS K. PARRY COMMENCED 20.5.83 DEPTH 244.5 HOLE No. DD83AR2

RL COLLAR..... INCLINATION 46° DRILL TYPE BOYLES 37 COMPLETED 30.5.83 CASING LEFT NIL DPO No(s) 30357

DEPTH		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 <u>Z.C.B.H.</u>)								
From (M)	To (M)										MgO	CaO	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	MnO	SO ₃	L.O.I.	
0	21.0	0	TRICONE																
21.0	25.0	0.170	NQ																
25.0	28.0	0.70			21.0m - 104.0m														
28.0	31.0	0.50			Strongly weathered schist														
31.0	34.0	0.45			sandstone, siltstone and clay														
34.0	35.0	1.00			sandstone is pale green in														
35.0	38.0	0.00			places.														
48.0	44.0	0.00																	
44.0	47.0	1.52																	
47.0	53.0	1.47																	
53.0	56.0	0.33																	
56.0	62.0	0.45																	
62.0	65.0	0.49																	
65.0	68.0	0.65																	
68.0	71.0	0.70																	
71.0	74.0	1.960																	
74.0	77.0	0.85																	
77.0	80.0	0.87																	
80.0	83.0	0.78																	
83.0	86.0	0.86																	
86.0	89.0	0.82																	
89.0	92.0	1.505																	
92.0	93.5	0.99																	
93.5	95.0	0.93			104.0m - 233.7m														
95.0	98.0	0.61			Magnetite														
98.0	101.0	0.66			White and buff varieties occur	White	% Cryptocryst.												
101.0	104.0	0.79			as indicated on sample log.	or Buff	Magnetite												
104.0	107.0	2.22	NQ		Texture is spotted throughout	W	70%		1056251	104.0	107.0	41.17	4.38	9.48	0.107	0.833	0.100	<0.010	43.86
107.0	110.0	1.97	BQ		with minor cloudy textures.	W&B	90%		1056252	107.0	112.0	40.43	5.05	9.80	<0.050	0.731	0.080	<0.010	43.66
110.0	113.0	2.99			Up to 50% of cherty	W	90%		1056253	112.0	117.0	43.12	2.30	9.53	<0.050	0.747	0.079	<0.010	44.15
113.0	116.0	2.02			material is white talc	W	60%		1056254	117.0	122.0	42.89	2.19	9.90	<0.050	0.867	0.097	0.031	44.02

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

TENEMENT NAME..... No.

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. DD23AR2

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

DEPTH (m)	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 <u>Z.C.B.H.</u>)								
											MgO	CaO	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	MnO	SO ₂	L.O.I	
16.0	119.0	1.57	BQ		between 104.0m and 127.0m	White or	% Cryptocryst.												
19.0	122.0	2.90			and at 136.0m. Take content	Buff	Magnesite												
22.0	125.0	0.31			decreases from 136.0m to 180 m	W	85%	1056255	122.0	127.0		44.11	1.242	8.15	<0.050	0.324	0.050	<0.010	45.83
125.0	128.0	2.87			below which it occurs on	W	80%	1056256	127.0	129.5		41.40	1.080	11.08	<0.050	0.308	0.049	<0.010	45.93
128.0	131.0	3.11			joint faces only.	B	60%	1056257	129.5	131.6		41.90	1.174	10.12	<0.050	0.378	0.048	<0.010	46.35
131.0	134.0	3.10				W	70%	1056258	131.6	136.0		42.74	0.819	8.98	<0.050	0.339	0.058	<0.010	47.12
134.0	136.5	2.26			Minor irregularly shaped	W	80%	1056259	136.0	141.0		42.73	0.992	8.48	<0.050	0.431	0.077	<0.010	47.26
36.5	139.4	3.02			tals - dolomite patches occur	W	80%	1056260	141.0	145.6		43.12	1.681	9.86	<0.050	0.786	0.122	<0.010	49.34
139.4	143.0	3.01			from; 145.6m - 154.0m,	W	40%	1056261	145.6	149.0		37.80	6.13	13.90	1.161	1.299	0.113	0.308	38.89
43.0	146.0	2.87			158.2m - 159.0m (w/ trace py)	W	40%	1056262	149.0	154.0	Weathered	37.44	6.74	11.10	0.151	0.663	0.075	0.114	43.97
146.0	149.0	2.82			189.0m - 191.8m (w/ trace py)	W	40%	1056263	154.0	158.2		40.07	3.91	9.02	<0.050	0.715	0.066	0.014	46.21
149.0	152.0	3.03				W	30%	1056264	158.2	159.0		37.74	3.69	11.89	1.238	1.322	0.050	1.333	42.29
152.0	155.0	3.01			A zone of wispy magnesite	W	20%	1056265	159.0	164.0		40.26	3.03	10.07	<0.050	1.190	0.128	0.034	45.26
155.0	158.0	3.00			brescia with a sandy dolomite	W & B	60%	1056266	164.0	167.4		37.78	7.48	9.52	<0.050	0.924	0.081	0.042	44.13
158.0	161.0	3.01			matrix containing approx.	B	40%	1056267	167.4	170.0		37.56	7.99	7.33	<0.050	1.019	0.100	<0.010	45.87
161.0	164.0	3.05			2% pyrite occurs from 232.4m														
164.0	167.0	3.03			- 233.0m.	W & B	50%	1056268	174.4	179.0		40.77	3.19	9.78	<0.050	0.900	0.036	<0.010	45.97
167.0	170.0	3.06				W	80%	1056269	179.0	184.0		43.07	1.00	7.65	<0.050	0.651	0.070	<0.010	47.57
170.0	173.0	0				W	90%	1056270	184.0	188.2		43.55	0.897	6.80	<0.050	0.505	0.052	<0.010	48.27
173.0	176.0	1.630				B	60%	1056271	188.2	189.0		41.91	2.08	7.84	<0.050	0.853	0.104	<0.010	47.19
176.0	179.0	3.02				W	40%	1056272	189.0	191.8	Weathered	28.00	18.87	6.31	0.535	0.897	0.075	<0.010	44.90
179.0	182.0	1.87				B & W	60%	1056273	191.8	196.0		43.62	1.028	6.74	<0.050	0.878	0.073	<0.010	47.78
182.0	185.0	2.85				B & W	80%	1056274	196.0	200.0		44.05	0.766	6.99	<0.050	0.392	0.031	<0.010	47.90
185.0	188.0	2.42				B	80%	1056275	200.0	203.0		42.54	2.55	6.53	<0.050	0.793	0.043	<0.010	47.65
188.0	191.0	2.14				W	80%	1056276	203.0	205.0		44.26	0.861	7.03	<0.050	0.301	0.030	<0.010	47.49
191.0	194.0	3.02				B & W	80%	1056277	205.0	210.0		41.51	3.55	7.33	<0.050	0.607	0.037	<0.010	47.01
194.0	197.0	3.00				B	80%	1056278	210.0	215.0		40.79	4.28	7.97	<0.050	0.914	0.047	<0.010	46.01
197.0	200.0	2.98				A	90%	1056279	215.0	220.0		43.38	2.01	7.70	<0.050	0.432	0.036	<0.010	46.35
200.0	203.0	2.90				B	80%	1056280	220.0	225.0		43.54	2.57	5.46	<0.050	1.166	0.060	0.023	47.21
203.0	206.0	2.98				B	95%	1056281	225.0	230.0		41.31	4.31	7.44	<0.050	1.442	0.081	0.047	45.29
206.0	209.0	1.31	BQ			B	70%	1056282	230.0	232.4		42.33	4.38	5.18	<0.050	0.828	0.054	<0.010	47.19

