











DD83LR2

C.R.A. EXPLORATION PTY. LIMITED  
DRILL CORE LOG517040 SHEET No. 5/8.  
TENEMENT NAME ARTHUR RIVER EL. No. 43/70  
PLAN - MAP REFERENCE.....CO-ORDINATES..... AZIMUTH 300° T DRILLERS K. PARRY..... COMMENCED 1/2/83..... DEPTH 418.5 m..... HOLE No. DD83..LR2  
RL COLLAR..... INCLINATION 46° DRILL TYPE BOYLES 37..... COMPLETED 23/2/83..... CASING LEFT NIL..... DPO No(s) 30365...

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 Z.C.B.H.)										
													MgO	CaO	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	MnO	SO <sub>3</sub>	LOI			
					244.5m-292.3m	Mostly Buff	White	% Cryptocryst. Magnesite	Minerals in sparry patches sil. Dol. Mag.														
					Cuneiform																		
242.0	245.0	3.10	BQ		magnesite with	✓	✓	60%	-	✓	✓	1056549	240.0	245.0		37.48	5.26	10.55	0.88	1.111	0.77	0.75	45.30
245.0	248.0	3.00	"		common dark																		
248.0	251.0	3.03	"		selvedges on sparry - sandy patches	-	✓	60%	-	✓	✓	1056550	245.0	250.0		38.93	7.41	4.64	0.55	4.60	0.74	1.46	48.20
						-	✓	80%	-	✓	✓	1056551	250.0	255.0		42.21	3.14	5.94	<0.05	4.11	0.46	0.55	48.22
					292.3m-306.8m																		
251.0	254.0	3.03	"		Cuneiform magnesite	-	✓	90%	-	✓	✓	1056552	255.0	260.0		42.38	2.69	6.49	<0.05	2.64	0.42	0.45	48.15
254.0	257.0	3.03	"		with largely sparry infill.	-	✓	80%	✓	✓	✓	1056553	260.0	265.0		40.00	5.13	6.75	<0.05	3.32	0.35	0.64	47.50
260.0	263.0	2.97	"		306.8m-310.7m																		
263.0	266.0	3.02	"		Angular magnesite breccia.	✓	✓	90%	-	✓	✓	1056554	265.0	270.0		42.53	5.54	8.33	<0.05	3.83	0.44	0.67	50.62
266.0	269.0	3.07	"																				
269.0	272.0	3.05	"		310.7m-316.2m	✓	✓	85%	✓	✓	✓	1056555	270.0	275.0		41.17	7.06	6.35	<0.05	5.34	0.45	0.44	50.30
272.0	275.0	3.04	"		Cuneiform magnesite																		
275.0	278.0	3.07	"			es -	✓	70%	-	✓	✓	1056556	275.0	280.0		39.34	8.16	2.35	<0.05	6.61	0.53	1.03	49.38
278.0	281.0	3.04	"																				
281.0	284.0	2.92	"			-	✓	70%	-	✓	✓	1056557	280.0	285.0		40.12	3.94	7.87	1.70	8.91	0.65	1.33	46.72
284.0	287.0	2.47	"																				
287.0	290.0	3.14	"			-	✓	85%	-	✓	✓	1056558	285.0	290.0		41.45	5.24	3.33	0.80	8.42	0.54	1.89	49.08
290.0	293.0	2.88	"																				
293.0	296.0	3.17	"			-	✓	90%	-	✓	-	1056559	290.0	295.0		38.28	6.95	6.16	<0.05	9.25	0.83	0.89	47.57
296.0	299.0	3.08	"																				
299.0	302.0	3.07	BQ			✓	✓	90%	-	✓	✓	1056560	295.0	300.0		39.12	7.54	3.30	<0.05	7.23	0.94	0.33	49.11
						-	✓	80%	-	✓	✓	1056561	300.0	305.0		41.46	5.44	2.48	<0.05	6.63	0.61	0.32	50.16



DD83LR2

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

517042

SHEET No. 7/8

TENEMENT NAME ARTHUR RIVER EL No. 43/20

PLAN - MAP REFERENCE

CO-ORDINATES ..... AZIMUTH 300° T ..... DRILLERS K. PARRY ..... COMMENCED 1/2/83 ..... DEPTH 418.5 m ..... HOLE No. DD83-LR2

RL COLLAR ..... INCLINATION 46° ..... DRILL TYPE BOYLES 37 ..... COMPLETED 23/2/83 ..... CASING LEFT NIL ..... DPO No(s) 30365

DEPTH		Core Rec. (M)	Core Siz.	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization			Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by Z. C. B. H.)											
From (M)	To (M)					Mostly	% Cryptocryst.	Minerals in					MgO	CaO	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	MnO	SO <sub>3</sub>	LOI				
						Buff	White	% Cryptocryst. Magnesite	Minerals in sparry patches sil. Dol. Mag.															
386.0	389.0	2.97	BQ		388.0m - 394.7m Magnesite. Obscured by spotted texture.	✓	-	80%	-	✓	✓	1056576	375.0	380.0		41.32	5.45	3.02	<.05	9.19	.05	.058	49.35	
389.0	392.0	2.85	"																					
392.0	395.0	3.09	"		Possible conchiform textures are present.	✓	-	95%	-	✓	✓	1056577	380.0	385.0		44.65	2.45	1.194	<.05	1.013	.04	.049	50.55	
						✓	-	95%	-	-	✓	1056578	385.0	390.0		44.75	2.42	1.151	<.05	1.051	.053	.032	50.78	
						✓	-	90%	-	✓	✓	1056579	390.0	395.0		44.17	2.77	1.905	<.05	1.048	.061	.110	50.00	
395.0	398.0	3.09	"			✓	-	20%	-	✓	✓	1056580	395.0	398.6		39.11	7.32	2.53	<.05	2.03	.113	.444	48.65	
398.0	401.0	3.07	"		394.7m - 407.25m Sparry magnesite.	✓	-	20%	-	✓	✓	1056581	398.6	403.0		41.22	4.06	5.01	<.05	1.110	.077	.131	48.43	
401.0	404.0	3.07	"		Minor cryptocrystalline patches only.	✓	-	30%	-	✓	✓	1056582	403.0	407.25		32.43	10.17	9.82	.150	2.79	.156	.890	43.68	
404.0	407.0	3.03	"																					
407.0	410.0	3.04	"		407.25m - 408.1m Pyritic (~15%) calcite dolomite rock broadly banded							1056583	407.25	408.1		20.37	7.23	24.15	2.40	13.18	.149	21.88	10.45	
						✓	-	80%	-	✓	✓	1056584	408.1	410.0		34.11	8.11	9.66	.121	2.95	2.46	1.531	43.25	
												1056585	410.0	412.3		16.94	19.55	15.09	.754	9.30	.180	15.85	22.34	
410.0	413.0	3.10	"		410.0m - 415.1m Pyritic calcite - dolomite rich siltstone with intercalated sandstone.																			
413.0	416.0	3.22	"																					
416.0	418.5	3.07	BQ																					

E.O.H.

