DD83LR5

BOREHOLE SURVEY LOG

DRILL HOLE N°: DD83LR5 LOCALITY: LYONS RIVER MAGNESITE PROSPECT NW TASMANIA DATE COMMENCED: 12·8·83 DATE COMPLETED: 19·9·83

Survey Depth	Interval	Magnetic Azimuth	Chord Length	Dip	Grid Azimuth	Northing	Easting	Reduced Level	Camera	Core Size	Comments
COLLAR					AMG				Eastman		
SETUP 0m		288·5°		46°	300°				Single		
									Shot		
264·5m		290°		40°	301·5°						
344·0m		290°		39°	301·5°						
452·4m		290°		40°	301·5°						

033

DD83LR5

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

SHEET No. 1/9
TENEMENT NAME ARTHUR RIVER EL No. 43/70
PLAN – MAP REFERENCE

CO-ORDINATES ..... AZIMUTH 300°AMG DRILLERS K. PARRY COMMENCED 12:8:83 DEPTH 452.45m HOLE No. DD83LR5
RL COLLAR ..... INCLINATION 46° DRILL TYPE BOYLES 37 COMPLETED 19:9:83 CASING LEFT NIL DPO No(s) 30369

DEPTH 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 .....
0	24.00	////	////	////	TRICONE						
24.00	26.00	0.15	NQ								
26.00	27.00	0.59			24.00 m – 102.60 m						
27.00	28.10	0.67			Sandy dolomite. Laminated						
28.10	29.00	0.84			in places. Numerous cavities.						
29.00	30.50	0.31			Poor recovery.						
30.50	32.00	0.37									
32.00	33.29	0.21									
33.29	34.00	0.42									
34.00	35.00	0.53									
35.00	38.00	0.31									
38.00	41.00	0.05									
41.00	42.50	0.37									
42.50	44.00	0.06									
44.00	47.00	1.35									
47.00	50.00	0.06									
50.00	53.00	0.13									
53.00	54.50	0.00									
54.50	62.00	0.00									
62.00	65.00	0.20									
65.00	68.00	0.21									
68.00	71.00	0.23									
71.00	74.00	0.11									
74.00	77.00	0.43									
77.00	80.00	0.86									
80.00	81.25	0.10									
81.25	83.00	0.76									
83.00	86.00	1.16									
86.00	89.00	2.14									
89.00	92.00	2.60									
92.00	94.10	1.15	NQ								

346034

034

C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. 2/9

TENEMENT NAME ARTHUR RIVER EL No. 13/79

PLAN – MAP REFERENCE

CO-ORDINATES ..... AZIMUTH 300° AMG DRILLERS K. PARRY COMMENCED 12·8·83 DEPTH 452·45m HOLE No. DD83LR5

RL COLLAR ..... INCLINATION 46° DRILL TYPE BOYLES 37 COMPLETED 19·9·83 CASING LEFT ..... DPO No(s). 30364

DEPTH 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 AMDEL) MgO	CaO	SiO_2	Al_2O_3	Fe_2O_3	LOI.
94·10	95·00	0·55	NQ			Buff/White	% Cryptocrystalline Magnesite										
95·00	95·80	0·80															
95·80	101·00	1·36			102·60m – 106·7m	Magneside.											
101·00	104·00	2·32			Angular magnesite breccia.	Buff	40%	1056351	102·6	106·7		29·0	17·2	6·85	0·12	0·54	43·9
104·00	104·36	0·31			Approx 40% magnesite patches.												
104·36	107·00	1·750															
107·00	110·00	2·24			106·7m – 114·5m	Buff	5%	1056352	106·7	111·0		23·8	26·3	2·14	0·18	0·56	44·4
110·00	113·00	2·70			Sandy dolomite with												
113·00	113·45	0·45			angular magnesite patches.	Buff	5%	1056353	111·0	114·5		24·8	24·1	3·22	0·24	0·87	44·8
113·45	116·00	2·51															
					114·5m – 116·1m.												
					Angular magnesite breccia.	Buff	40%	1056354	114·5	116·1		33·2	13·1	5·40	0·11	0·45	46·4
					Approx 40% magnesite patches.												
116·00	118·00	1·67	NQ		116·1m – 133·4m	Buff	< 5%	1056355	116·1	120·0		25·8	21·2	7·00	0·20	0·36	43·4
118·00	122·00	3·06	BQ		Sandy dolomite with rare												
122·00	125·00	1·80			angular magnesite patches	"	"	1056356	120·0	125·0		19·9	22·8	15·1	0·10	0·08	35·4
125·00	125·37	0·36			only. Laminated in places.												
125·37	127·00	1·40				"	"	1056357	125·0	130·0		22·8	27·1	8·15	0·14	0·11	39·1
127·00	128·00	0·92															
128·00	131·00	2·47				"	"	1056358	130·0	133·4		17·7	25·9	18·5	0·10	0·27	35·2
131·00	131·35	0·20															
131·35	133·40	2·00															
133·40	134·00	0·55			133·4m – 205·2m	Buff	85%	1056359	133·4	137·3		35·9	3·76	19·6	0·07	0·19	40·4
134·00	137·00	2·92			Massive magnesite. Spotted.												
137·00	140·00	3·00				Buff	85%	1056360	137·3	140·6		37·1	1·41	20·3	0·16	0·50	40·3
140·00	142·80	2·68															
142·80	143·20	0·90				Leached zone. Cavities		1056361	140·6	141·4		10·9	34·7	17·5	0·15	0·96	33·4
143·20	146·00	2·60															
146·00	148·90	1·02	BQ				50%	1056362	141·4	146·00		38·8	0·91	15·8	0·06	0·65	43·3

346033

035

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

SHEET No. 3/9

TENEMENT NAME ARTHUR RIVER EL No. 13/79

PLAN – MAP REFERENCE

CO-ORDINATES ..... AZIMUTH 300° AMG DRILLERS K. PARRY COMMENCED 12·8·83 DEPTH 452·45m HOLE No. DD83LR5

RL COLLAR ..... INCLINATION 46° DRILL TYPE BOYLES 37 COMPLETED 19·9·83 CASING LEFT ..... DPO No(s) 30364

DEPTH (om 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 AMDEL) MgO	CaO	SiO_2	Al_2O_3	Fe_2O_3	L.O.I
148·49	151·80	3·12	BQ			Buff/White Magnesite	~ Cryptocrystalline Magnesite										
151·80	155·00	2·03															
155·00	155·80	0·66				Magnesite											
155·80	158·00	2·00					60%	1056363	146·00	151·80		37·9	0·93	18·2	0·06	1·08	41·6
158·00	161·00	2·93															
161·00	164·00	2·98			Heavily leached zone.			1056364	151·80	155·30		35·1	9·75	10·9	0·08	0·77	43·7
164·00	165·90	1·75															
165·90	167·00	1·25						1056365	155·30	157·30		41·7	0·62	9·65	0·06	0·47	46·5
167·00	170·00	2·98															
170·00	173·00	2·59			Heavily leached zone.			1056366	157·30	158·90		23·3	15·4	22·7	0·08	0·44	35·6
173·00	176·00	3·00															
176·00	179·00	2·97			Partly leached from 162·5m – 164·0m →	White	20%	1056367	158·90	164·00		36·8	3·76	15·6	0·07	0·42	42·9
179·00	182·00	2·81															
182·00	185·00	3·00				Buff	85%	1056368	164·00	168·00		41·4	1·90	9·60	0·07	0·24	45·6
185·00	185·82	0·82															
185·82	188·00	2·18				Buff	80%	1056369	168·00	170·00		37·5	4·44	12·7	0·08	0·25	43·2
188·00	191·00	3·00															
191·00	194·00	3·00			Many leached zones →	Buff	95%	1056370	170·00	174·55		39·5	3·94	9·65	0·09	0·90	45·2
194·00	195·50	1·50															
195·50	197·00	1·35			Heavily leached →	Buff	20%	1056371	174·55	176·00		25·6	11·4	23·9	0·09	1·49	37·0
197·00	199·45	2·45															
199·45	200·00	0·49			Weathered in places →	Buff	95%	1056372	176·00	181·00		37·6	1·41	17·7	0·07	0·42	42·0
200·00	203·00	3·00															
203·00	205·6	2·46	BQ		" " "	Buff	80%	1056373	181·00	186·00		40·7	1·32	12·0	0·06	0·29	44·4
					" " "	Buff	90%	1056374	186·00	189·62		42·9	1·78	9·30	0·08	0·21	44·8
					Slight weathering →	Buff	95%	1056375	189·62	195·00		43·5	1·26	6·05	0·09	0·43	48·4
					Heavily weathered →	Buff	30%	1056376	195·00	197·00		37·8	6·15	8·05	0·06	1·24	46·1

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036

C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. 4/9

TENEMENT NAME ARTHUR RIVER EL No. 43/76

PLAN – MAP REFERENCE

CO-ORDINATES ..... AZIMUTH 300° AMG DRILLERS K. PARRY COMMENCED 12·8·83 DEPTH 452·45m HOLE No. DD83LR5

RL COLLAR ..... INCLINATION 46° DRILL TYPE BOYLES 37 COMPLETED 19·9·83 CASING LEFT ..... DPO No(s) 30364

DEPTH 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 AMDEL) MgO	CaO	SiO_2	Al_2O_3	Fe_2O_3	L.O.I.
205·6	206·0	0·39	BQ			Buff/ White Magnesite	% Cryptocrystalline Magnesite										
206·0	209·0	2·90															
209·0	212·0	3·00															
212·0	215·0	3·00															
215·0	215·95	0·42				White	95%	1056377	197·00	202·00		41·3	2·16	6·80	0·03	1·22	47·6
215·95	218·0	2·56															
						Buff	95%	1056378	202·00	203·20		42·3	1·43	7·00	0·05	0·62	47·9
					Heavily weathered 202·2m – 203·7m →	Buff	95%	1056379	203·20	205·20		35·4	5·45	15·4	0·03	0·87	42·6
					205·2m – 216·5m Sandy dolomite.	—	—	1056380	205·20	212·00		21·1	26·6	6·65	0·09	0·24	43·5
						—	—	1056381	212·00	216·50		23·2	23·5	7·30	0·08	0·33	43·9
					216·5m – 228·0m Angular magnesite breccia												
218·00	221·00	3·00			Matrix is extremely siliceous	B	5%	1056382	216·50	221·00		22·2	14·0	27·4	0·04	0·15	34·5
221·00	224·00	3·00			(chalcedonic silica) between												
224·00	225·36	1·26			221·0m and 228·0m.	W	35%	1056383	221·00	226·00		25·2	8·60	32·6	0·04	0·12	33·1
225·36	227·00	1·75															
227·00	230·00	3·00				W	60%	1056384	226·00	230·00		34·0	1·78	24·9	0·06	0·12	37·9
					228·0m – 230·0m Cuneiform magnesite. Strongly sharry. Siliceous matrix.												
230·0	233·0	3·00			230·0m – 236·6m Massive magnesite.	W	50%	1056385	230·0	233·25		41·4	1·44	8·95	0·08	0·60	46·5
233·0	235·22	2·25															
235·22	236·0	0·73			Strongly spotted.	W	95%	1056386	233·25	236·6		45·6	1·04	1·88	0·07	0·30	50·0
236·0	239·0	3·00															
239·0	242·0	2·95	BQ														

346033

037

C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. 5/9
TENEMENT NAME ARTHUR RIVER EL No. 43/79
PLAN – MAP REFERENCE

CO-ORDINATES .... AZIMUTH 300° AMG DRILLERS K. PARRY COMMENCED 12·8·83 DEPTH 452·45m HOLE No. DD83LR5
RL COLLAR .... INCLINATION 46° DRILL TYPE BOYLES 37 COMPLETED 19·9·83 CASING LEFT .... DPO No(s). 30364

DEPTH 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 AMDEL) MgO	CaO	SiO_2	Al_2O_3	Fe_2O_3	L.O.I.
					236·6m – 237·2m	White	% Cryptocrystalline										
					Angular magnesite breccia	Buff	magnesite	1056387	236·6	240·0		36·0	6·45	12·9	0·05	0·37	43·3
					237·2m – 237·6m												
					Massive magnesite.												
					Heavily spotted.												
					237·6m – 238·0m												
					Wispy magnesite breccia												
					238·0m – 240·0m												
					Cuneiform magnesite.												
					240·0m – 254·8m												
242·0	245·0	3·00	BQ		Massive sandy dolomite			1056388	240·0	245·0		21·8	23·8	9·9	0·06	0·37	41·9
245·0	245·32	0·20			siliceous and cherty in												
245·32	248·00	2·79			places.			1056389	245·0	250·0		25·8	22·7	4·54	0·09	0·72	45·1
248·00	251·00	3·00															
251·00	254·00	3·00						1056390	250·0	254·8		22·9	22·0	13·7	0·04	0·69	40·7
254·00	256·19	1·13			254·8m – 255·8m												
256·19	257·0	1·90			Angular magnesite breccia.	B	50%	1056391	254·8	258·0		33·7	8·05	15·3	0·01	0·38	42·9
257·0	260·0	2·94	BQ														
					255·8m – 258·0m												
					Massive magnesite												
					Heavily spotted.												

34038

038

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

SHEET No. 6/9

TENEMENT NAME ARTHUR RIVER EL No. 43/20

PLAN – MAP REFERENCE

CO-ORDINATES ..... AZIMUTH 300° AMG DRILLERS K PARRY COMMENCED 12:8:83 DEPTH 452.45m HOLE No. DD83ARS

RL COLLAR ..... INCLINATION 46° DRILL TYPE BOYLES 37 COMPLETED 19:9:83 CASING LEFT ..... DPO No(s) 30364

DEPTH 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 AMDEL) MgO	CaO	SiO_2	Al_2O_3	Fe_2O_3	L.O.I
						White Buff	% Cryptocrystalline magnesite										
					258·0m – 262·6m												
260·0	262·4	2·35	BQ		Sandy dolomite.												
					Heavily leached 258·0m–258·6m	B	10%	1056392	258·0	262·6		29·0	2·10	31·3	0·09	1·56	35·8
					262·6m – 441·2m												
262·4	265·5	2·98			Massive magnesite. Variably												
					spotted and weathered as	B	80%	1056393	262·6	267·0		37·2	2·32	15·5	0·04	1·60	43·0
265·5	268·6	3·10			indicated in sample ledger												
268·6	271·9	3·20			below.	W	85%	1056394	267·0	272·0		37·4	3·84	12·4	0·04	1·93	37·4
271·9	273·0	1·10															
273·0	274·90	1·10				B	90%	1056395	272·0	277·0		38·0	4·86	10·7	0·05	0·68	45·4
274·90	278·0	2·00															
278·0	281·0	3·00				W	90%	1056396	277·0	282·0		39·1	2·22	13·0	0·05	0·94	44·7
281·0	282·9	1·81				W	85%	1056397	282·0	287·0		38·3	1·89	15·4	0·06	0·89	43·5
282·9	283·53	0·76															
283·53	287·0	2·44				W	75%	1056398	287·0	292·0		36·7	3·88	14·4	0·07	1·02	43·6
287·0	290·0	3·00															
290·0	292·8	2·70				B	80%	1056399	292·0	297·0		38·9	3·38	11·0	0·06	1·22	38·9
292·8	293·0	0·20															
293·0	296·0	3·80				W	80%	1056400	297·0	302·0		40·5	3·10	9·60	0·06	0·81	46·4
296·0	299·0	3·00															
299·0	302·0	2·50			Heavily leached 303·8 – 307·2 →	B	60%	1056901	302·0	307·2		31·4	7·95	19·2	0·07	0·84	40·8
302·0	303·24	1·23															
303·24	305·0	1·40				B	90%	1056902	307·2	312·0		37·9	4·28	12·0	0·02	0·99	45·1
305·0	308·0	2·70															
308·0	311·0	3·10				B	80%	1056903	312·0	317·0		39·3	4·30	8·20	0·07	2·18	46·4
311·0	313·74	2·70															
313·74	314·0	0·27				B	85%	1056904	317·0	322·0		37·1	3·90	14·9	0·03	1·06	43·4
314·0	317·0	3·03	BQ														

346139

039

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

SHEET No. 7/9

TENEMENT NAME ARTHUR RIVER EL No. 13/78

PLAN – MAP REFERENCE

CO-ORDINATES ... AZIMUTH 300° AMG ... DRILLERS K PARRY ... COMMENCED 12·8·83 ... DEPTH 452·45m ... HOLE No. DD83ARS

RL COLLAR ... INCLINATION 46° ... DRILL TYPE BOYLES 37 ... COMPLETED 19·9·83 ... CASING LEFT ... DPO No(s) 30364

DEPTH 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 AMDEL) MgO	CaO	SiO_2	Al_2O_3	Fe_2O_3	L.O.I.
317·0	320·0	3·01	BQ		Massive magnesite cont'd.	Buff/White	% Cryptocrystalline magnesite										
320·0	323·0	3·02															
323·0	323·51	0·51				B	80%	1056905	322·0	327·0		38·9	4·30	11·2	0·07	0·28	45·7
323·51	326·0	2·44															
326·0	329·0	2·94				B	75%	1056906	327·0	332·0		38·8	3·70	12·6	0·04	0·42	44·8
329·0	332·0	2·96															
332·0	333·61	1·61			Weathered interval. →	B	50%	1056907	332·0	335·0		24·9	17·0	17·1	0·09	0·71	40·1
333·61	335·0	1·40															
335·0	338·0	3·05				B	80%	1056908	335·0	339·3		40·1	2·88	8·90	0·07	0·38	46·6
338·0	339·2	1·10															
339·2	341·0	1·54			Cemented cavity fill breccia →	B	25%	1056909	339·3	340·4		14·0	20·4	29·4	0·69	2·88	31·9
341·0	343·66	2·70															
343·66	344·0	0·34				B	85%	1056910	340·4	345·5		40·6	4·00	8·10	0·03	0·43	46·0
344·0	347·0	2·96															
347·0	350·0	2·01			Intensely leached. Numerous cavity-fill breccia zones.			1056911	345·5	350·0		25·2	17·2	13·3	0·97	1·89	41·6
350·0	353·0	3·00			" "												
353·0	354·4	1·17			" " " "	" "	"	1056912	350·0	354·7		18·2	26·4	10·3	0·87	2·62	41·7
354·4	356·0	1·69															
356·0	359·0	2·89			Partly leached & weathered. →	B	30%	1056913	354·7	358·0		22·3	19·5	15·6	0·39	1·14	40·1
359·0	362·0	3·10															
362·0	364·44	2·40				B	85%	1056914	358·0	363·0		41·0	3·78	6·80	0·10	0·42	47·4
364·44	365·0	0·66															
365·0	368·0	3·00				B	85%	1056915	363·0	368·0		39·0	4·24	10·1	0·06	0·30	45·6
368·0	371·0	3·00															
371·0	374·0	3·04				B	85%	1056916	368·0	373·0		39·5	4·96	9·00	0·07	0·17	46·0
374·0	374·33	0·25															
374·33	377·0	2·665				W	85%	1056917	373·0	378·0		39·8	4·98	6·00	0·08	0·18	47·2
377·0	380·0	2·98															
380·0	383·0	2·99			Highly siliceous sharry zones →	W	80%	1056918	378·0	383·0		38·9	5·40	6·95	0·05	0·21	46·7
383·0	384·33	1·26															
384·33	386·0	1·56	BQ			B	90%	1056919	383·0	388·0		42·1	4·14	5·70	0·02	0·15	42·1

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

SHEET No. 9/9
TENEMENT NAME ARTHUR RIVER EL No. 13/78
PLAN – MAP REFERENCE

CO-ORDINATES ... AZIMUTH 300° AMG ... DRILLERS K. PARRY ... COMMENCED 12·8·83 ... DEPTH 452·45m ... HOLE No. DD83LR5
RL COLLAR ... INCLINATION 46° ... DRILL TYPE BOYLES 37 ... COMPLETED 19·9·83 ... CASING LEFT ... DPO No(s) 30364

DEPTH 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 AMDEL) MgO	CaO	SiO_2	Al_2O_3	Fe_2O_3	L.O.I
386·0	389·0	3·06	BQ		Massive magnesite cont'd.	Buff/White	% Cryptocrystalline magnesite										
389·0	392·0	3·16															
392·0	394·1	2·00															
394·1	395·0	0·90				B	90%	1056920	388·0	391·5		41·2	4·10	6·25	0·07	0·30	47·5
395·0	398·0	3·05															
398·0	401·0	3·02			Strongly siliceous quarry zones →	W	75%	1056921	391·5	395·0		39·1	6·00	9·15	0·06	0·22	45·6
401·0	404·0	3·00															
404·0	407·0	3·07				B	60%	1056922	395·0	400·0		37·3	7·30	8·05	0·17	0·34	46·0
407·0	410·0	2·96															
410·0	413·0	3·02				B	95%	1056923	400·0	405·0		40·2	4·70	5·70	0·07	0·41	47·9
413·0	414·0	0·91															
414·0	416·0	2·09				B	90%	1056924	405·0	410·0		38·5	6·20	6·55	0·07	0·56	47·1
416·0	419·0	3·10															
419·0	422·0	2·85				B	90%	1056925	410·0	415·0		36·3	8·45	7·35	0·08	0·60	46·4
422·0	423·75	1·69															
423·75	425·0	1·07				W	95%	1056926	415·0	418·8		40·3	4·22	6·95	0·07	0·84	47·3
425·0	428·0	2·10															
428·0	429·30	1·09			Partly weathered & leached →	B	50%	1056927	418·8	423·5		34·9	8·50	8·95	0·16	1·73	45·2
429·3	429·98	0·11															
429·98	431·0	0·59			Intensely leached and cavernous.			1056928	423·5	430·0		21·0	23·9	8·10	0·17	3·56	41·8
431·0	434·0	2·97															
434·0	434·59	0·48			" "	"	"	1056929	430·0	434·0		27·1	17·6	4·78	0·12	4·76	44·5
434·59	437·0	2·30															
437·0	440·0	3·03			" "	"	"	1056930	434·0	438·4		31·8	14·4	1·82	0·08	5·00	46·9
440·0	443·0	2·18															
443·0	444·51	1·43				B	85%	1056931	438·4	441·2		42·3	3·44	1·97	0·08	2·64	49·7
444·51	446·0	1·46			441·2m – 442·4m												
446·0	448·13	2·20	BQ		Fault zone. Elongate patches of sandy dolomite (≤ 2cm across) in an anastomosing matrix of magnesite and talc schist.	· —	—	1056932	441·2	442·4		24·4	20·3	17·8	0·27	1·11	36·6

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C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. 9/9

TENEMENT NAME ARTHUR RIVER EL No. 13/79

PLAN -- MAP REFERENCE

CO-ORDINATES ... AZIMUTH 300° AMG ... DRILLERS K. PARRY ... COMMENCED 12·8·83 ... DEPTH 452·45m ... HOLE No. DD83LR5

RL COLLAR ... INCLINATION 46° ... DRILL TYPE BOYLES 37 ... COMPLETED 19·9·83 ... CASING LEFT ... DPO No(s) 30364

DEPTH 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 AMDEL) MgO	CaO	SiO_2	Al_2O_3	Fe_2O_3	L.O.I.
448[illegible]	449·0	0·79	BQ		442·4m - 445·6m											
449·0	451·3	2·14														
451·3	452·45	1·18	BQ		Weathered magnesite.		1056933	442·4	445·6		35·7	12·3	1·27	0·08	1·65	48·8
	E.O.H.				445·6m - 446·6m											
					Sandy dolomite		1056934	445·6	446·6		25·2	21·9	4·70	0·50	1·86	44·5
					446·6m F.W. CONTACT											
					446·6m - 447·9m											
					Contorted laminated pyritic calcareous siltstone.											
					447·9m - 452·45m											
					Amphibolite.											
					E.O.H.											

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