

GRA EXPLORATION PTY. LIMITED
DRILL-HOLE SUMMARY LOG

HOLE NAME: DD95DB110 AMG EAST 366520 NORTH 5360758
 PROSPECT: BLACKJACKS GRID EAST 67183 NORTH 60995
 EL: MT. DUNDAS EL 45/92 RL DEPTH 505m.

DATE DRILLED: 20/1/95
 LOGGED BY: S.J. TEAR
 DRILLING CO.: Diamond Drilling Tas.
 DRILL TYPE: DIAMOND
 DRILL RIG: LY38
 LOC DRILL CORE: ZEEHAN

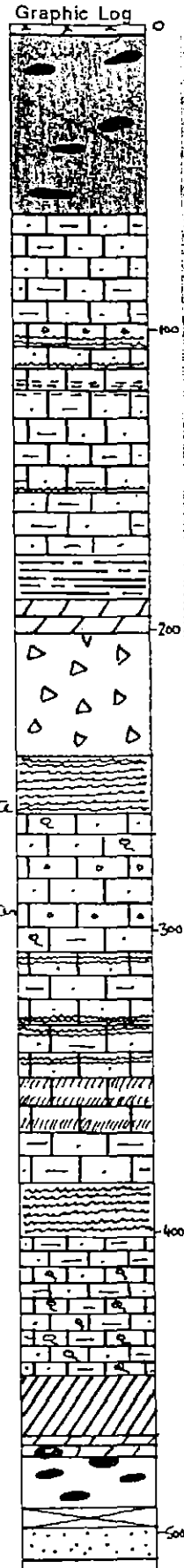
SURVEYS:					
DEPTH (M)	AZIM (AMG)	DIP	DEPTH	AZIM (AMG)	DIP
0	078°	50°	300	081.5°	56.5°
50	080°	53°	350	082°	55°
106	080°	55°	408	079°	58°
150	081°	55.5°	450	080°	58.5°
202	081°	56°	501	077°	60°
250	080°	57°			

OBJECTIVES OF HOLE:
 Stratigraphic drill test of the Carbon Limestone on the Blackjacks prospect.

LITHOLOGICAL SUMMARY:			
FROM	TO	FORM CODE	COMMENTS
0	3.0	Oha	Overburden; no recovery
3.0	62.5	Ogdc	Dark grey clays with limestone, dolomite + siderite locally
62.5	175.4	Ogul	Interbedded grey fine grained calcarenite + argillaceous calcarenite with laminated micrite units; localised fault zones
175.4	191.0	Ogsi	Siltstone Unit.
191.0	202.0	Ogul	Intermixed grey fine grained calcarenite and argillaceous calcarenite
202.0	243.4	Ogbr	Dolomitic Breccia - partly calcareous
243.4	262.5	Ogmu	Laminated micrite unit with other bioclastic calcarenites
262.5	385.1	Ogul	Intermixed grey fine grained calcarenites + argillaceous calcarenite with laminated micrite units and small fault zones
385.1	403.0	Ogmu	Laminated micrite unit
403.0	449.9	Ogul	Intermixed fine grained calcarenite and argillaceous calcarenite
449.9	469.0	Ogfs	Faulted zone with dolomitic + sideritic limestones
469.0	493.0	Ogss	Siderite unit with dark grey clays at base; dolomitic at top
493.0	499.4	Cavities	Major Core loss.
499.4	505.0	Om	Moina Sandstone; major core loss.

MINERALISATION SUMMARY:		
FROM	TO	COMMENTS
6.2	11.5	0.76% Zn as sphalerite in dark grey clays - with elevated zinc values
226	229.6	0.3% Zn in dolomitic breccia - breccia contains elevated zinc values
483.5	486.4	0.39% Zn in Siderite unit - siderite unit with elevated zinc values

CONCLUSIONS:
 Bedding @ 62.5m 70° to c/a @ 120m 60° to c/a @ 250m 55° to c/a @ 328m 50° to c/a @ 421m 60° to c/a
 Drillhole intersected a large siderite unit at top and bottom of hole - as large as anywhere else in Zeehan Carbonate; Dolomitic breccias not seen elsewhere - similar to Irish Carbonate breccias.



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

SHEET No. 1

TENEMENT NAME Black Jack No. of 18

PLAN - MAP REFERENCE.....

CO-ORDINATES 366520 E AZIMUTH..... DRILLERS D. T. A. S. COMMENCED 20.1.95 DEPTH 505 m HOLE No. DB 110

RL COLLAR 5360757 N INCLINATION 50° DRILL TYPE LY 38 COMPLETED 28.2.95 CASING LEFT..... DPO No(s).....

DEPTH		Core Rec.	RQ	Graphite Log	CORE DESCRIPTION	SPECIAL FEATURES Weathering, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by.....)			
From (M)	To (M)										From	To	Ratio	%
0	3.0	0	-	OB	Overburden - no recovery						0	3	0	0
3.0	5.5	30	SS	OgDC	Dark grey/black, graphitic clay poorly developed remnant fabric		4141101	6.2			3	5.5	0.74	30
5.5	5.85	100	S	OgDC	Black clay	Localized pyritic mineralization					5.5	8.5	2.2	73
5.85	6.00	100	S	OgUL	Light grey clay						8.5	11.5	0.8	37
6.00	8.2	60	4S	OgUL	Brown massive gossimerous well broken core	Possibly dolomitic	02	6.2	8.8		11.5	14.5	1.0	33
8.2	17.5	32	5X	OgUL	Dark grey/black clay; no remnant fabric; occ calcareous	locally dolomitised eg 11.2m	03	8.8	11.5		14.5	17.5	0.65	22
17.5	20.5	40	5X	OgDC	Calcareous shale/black clay fabric 75° to e/n.		04	11.5	14.5		17.5	20.5	1.2	40
20.5	23.0	40	5X	OgDC	less consolidated black clay		05	17.5	17.5		20.5	23.5	1.2	40
23.0	24.0	70	3X	OgSD	Zone of siderite/black clay	Siderite bands up to 15cm thick	06	23.5	26.5		23.5	26.5	1.1	73
24.0	30.5	55	S	OgDC	Black clay		07	26.5	29.5		26.5	29.5	1.0	53
30.5	38.5	30	5X	OgDC	Black clay - localized zones of silt fragments.	Dolomitisation of silt fragments	08	29.5	32.5		29.5	32.5	1.0	33
38.5	46.2	0	-	CAV	Cavity - no recovery		09	32.5	35.5		32.5	35.5	0.8	73
							10	35.5	46.2		35.5	38.5	0.5	16
							11	46.2	49.1		38.5	46.2	0	0
							12	49.1	50.1		46.2	49.1	0.3	10
								50.1	53.5		49.1	50.1	0.75	75
								53.3	51.5		50.1	53.5	0.2	6
								56.5	59.5		53.3	51.5	1.0	31
								59.5	62.5		56.5	59.5	1.0	30
								62.5	64.0		59.5	62.5	0.4	13
								64.0	65.5		62.5	64.0	1.1	73
								65.5	68.3		64.0	65.5	1.5	100
								68.3	68.7		65.5	68.3	2.8	100
								69.1	71.5		68.3	68.7	0.8	100
								71.5	74.2		69.1	71.5	1.4	100
								74.2	75.8		71.5	74.2	2.5	40
								75.8	76.8		74.2	75.8	1.6	100
								76.8	77.1		75.8	76.8	1.0	100
								77.1	80.5		76.8	77.1	1.3	57
											77.1	80.5	1.4	100

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

SHEET No. 2 of 18

TENEMENT NAME BLACK JACK No.

PLAN - MAP REFERENCE

CO-ORDINATES 366520E AZIMUTH..... DRILLERS DOTIAS COMMENCED 20.11.95 DEPTH 505m HOLE No. DB110

RL COLLAR 5360759N INCLINATION 50° DRILL TYPE LY38 COMPLETED 28.2.95 CASING LEFT..... DPO No(s).....

DEPTH		Core Rec.	R.Q.	Graphic Log	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)										From	To	radw	%	
46.2	49.1	10	4X	OgUL	Broken core - dolomitised limestone	Dolomitic veining associated with dolomitised rock.	4141113	46.2	49.1			80.5	82.1	6.6	100
												82.1	83.5	0.8	57
												83.5	84.7	0.6	50
49.1	62.5	25	5X	OgUL	Black/dk grey clay with small scale fragments of limestone	localised dolomitisation	14	49.1	53.3			84.7	86.2	1.5	100
							15	53.3	56.5			86.2	87.8	1.6	100
							16	56.5	59.5			87.8	89.4	1.6	100
62.5	67.0	90	3V	OgUL	Interbedded light grey micritic and dark grey locally laminated calcareous argillite. Bedding 70° to c/A; localised disrupted bedding		17	59.5	62.5			89.4	90.7	1.3	100
							18	62.5	65.5			90.7	91.9	1.2	100
							19	65.5	68.3			91.9	94.0	1.6	80
												94.0	95.1	0.55	50
67.0	72.5	85	4S	OgUL	Fractured + broken micrite + argillite with cleavage sub-parallel to c/A; localised clay zones		4141120	68.3	72.5			95.1	96.7	1.6	100
												96.7	98.2	1.5	100
												98.2	99.7	1.5	100
												99.7	102.8	3.1	100
72.5	73.5	100	2	OgUL	Interbedded med/fine grained calcarenite (locally bioturbated) and med grained argillaceous calcarenite. bioturbation							102.8	104.2	1.0	70
												104.2	106.0	1.8	100
												106.0	108.0	1.6	80
												108.0	110.0	1.5	75
												110.0	114.7	4.7	100
73.5	74.2	100	2	OgUL	Fine grained massive bedded calcarenite unit							114.7	117.2	2.5	100
												117.2	120.3	3.1	100
												120.3	121.7	1.4	100
74.2	75.8	100	1	OgUL	Interbedded light grey fine grained calcarenite and dark grey med grained black argillite - bedding 70° to c/A. Top zone fractured							121.7	122.9	1.2	100
												122.9	126.0	3.1	100
												126.0	129.1	3.1	100
												129.1	132.2	3.1	100
												132.2	135.3	3.1	100
75.8	79.2	70	4S	OgUL	Sheared limestone or above with a cleavage 10° to c/A. Broken core.							135.3	136.8	1.5	100
												136.8	137.9	1.1	100
												137.9	141.8	2.9	100
												141.8	144.1	2.3	100

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

SHEET No. 88 of 98

TENEMENT NAME BLACK JACK No.

PLAN - MAP REFERENCE

CO-ORDINATES 366820 E AZIMUTH DRILLERS DDTAS COMMENCED 20195 DEPTH 505 m HOLE No. D1310
RL COLLAR 5360759N INCLINATION 50° DRILL TYPE LY 39 COMPLETED 28.2.95 CASING LEFT DPO No(s)

DEPTH		Core Rec. %	ROK DATA	Graphic Log	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)													
144.1	154.4	100	1	OgUl	Fine grained grey calcarenite locally micritic. With zones of bioclastic med grained calcarenite, with dark grey med grained argillaceous calcarenite.	Bedding more regular after 151m. Minor calldal veing parallel to core axis. 153.1 Dissep py in calldal vein.					144.1	147.2	3.1	100
											147.2	150.3	3.1	100
											150.3	153.1	3.1	100
											153.1	155.3	2.2	100
											155.3	158.3	3.2	100
											158.3	159.8	1.3	100
154.4	154.6	100	3V	Ogfe	Possible fault zone - black argillitic limestone with calldal veining	Vein 70° to c/a.					159.8	162.9	3.1	100
											162.9	164.7	1.8	100
											164.7	168.0	3.2	75
											168.0	169.0	0.9	90
154.6	155.65	100	3	OgUl	light grey micrite with bioclasts, grading down into a black grey laminated unit, localised bird eyes. 8cm micrite at base.	Bedding 70° to c/a.					169.0	172.0	3.0	100
											172.0	175.0	1.8	60
											175.0	176.2	1.2	100
											176.2	178	1.2	100
											178	181	3.0	100
155.65	158.0	100	1	OgUl	Interbedded grey micritic lent and calcareous siltstone - locally well-bedded.	Bedding - 70°; Partial dolomitisation. Minor calcarenite (dal veing) sub parallel to c/a.					181	182.3	1.3	100
											182.3	184	1.7	100
											184	187	3.0	100
											187	190	3.0	100
158.0	158.15	100	1	OgUl	Black argillite with distinctive bioclasts. < 1cm.						190	193	3.0	100
											193	196	1.0	33
											196	197.2	0.6	33
158.15	159.1	100	3x	OgUl	Interbedded grey micrite + calc siltstone (argillaceous)	Partial dolomitisation					197.2	198.2	1.0	50
											198.2	202	2.0	
											202	203.8	1.0	
159.1	159.2	100	S	Ogfe	Clay gouge - angle unknown.						203.8	205.1	0.3	
											205.1	206.7	1.0	
159.2	166.25	100	18x		Fine grained grey calcarenite with dark grey argillaceous calcarenite locally broken core. Bioclastation locally bioclastic	cleaning. 15° to c/a. Irregular bedding. Partially dolomitised. 160.45 brown Mineral (?SIDERITE)					206.7	207.4	0.6	
											207.4	209.5	1.4	
											209.5	211.0	1.4	
											211.0	217.7	1.7	100

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

SHEET No. 106/18

TENEMENT NAME BLACK JACK
PLAN - MAP REFERENCE

CO-ORDINATES 366 520 E AZIMUTH DRILLERS DDTAS COMMENCED 20 1 95 DEPTH 505 m HOLE No. DB 110
RL COLLAR 5360 757 N INCLINATION 50° DRILL TYPE LY 38 COMPLETED 28 2 95 CASING LEFT DPO No(s)

DEPTH		Core Rec. %	RQ DATA	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analyzed by.....)			
From (M)	To (M)													
199.5	209.5	60	4X	Ogfz	Broken core / brecciated - clay gouges.	Calcite veining partial dolomitization of limestone	41411 30	193.6	198.2			2784	282.8	3.5
							31	199.5	202.0			282	283.4	0.3
							32	202	205.1			2834	284.8	0.4
209.5	211.0	100	2X	Ogfz	Breccia zone containing a distinct lt grey burrowed calcarenite.	Dolomitized inst.	33	205.1	207.4			2838	285.9	0.5
							34	207.4	209.5			2859	287.2	1.3
							35	209.5	210.7			2872	288.5	1.1
							36	210.7	216.3			2883	291.3	3.0
211.0	217		3X	Ogfz	Broken core / brecciated including Rock matrix breccias, clay gouges + calcite veining.		37	216.3	217.0			2913	294.4	3.1
												2944	297.6	3.2
												2976	300.2	3.3
												3009	303.9	3.0
217.0	226.0	100	1	Ogbr	Dolomitic - white matrix breccia in place. Calcite cement in fill - Rock matrix breccia towards base	Minor pyrite pellets.	38	217.0	220.0			3059	305.5	3.0
							39	220.0	223.0			305	307	1.5
							41411 40	223.0	226.0			307	307.5	1.5
												307	310	1.5
												310	323	2.3
												3123	325.4	3.1
226.0	232.6		5X	Ogfz	Clay gouges / broken core / calc bre	Pyrite fragments 1x1x2cm at 227.1.	41	226	229.6			3123	325.4	3.1
												354	329.0	3.8
												37	330.6	1.2
232.6	236.4	100	2X	Ogbr	Dolomitic rock matrix breccia (minor calcite veining)		42	229.6	232.6			306	320	1.0
							43	232.6	235.0			3120	324.8	1.6
							44	235.0	238.0			3249	328.0	2.0
236.4	241.0		5	Ogfz	Clay gouges / broken dolomitic inst.		45	238.0	241.0			328	329.5	0.5
							46	241.0	243.84			3295	330.1	0.6
241.0	244.6	100	2	Ogbr	Dolomitic rock matrix breccia.	localised zones undolomitised						330	332	1.1
												332	334	2.0
244.6	247.9	100	1	Ogul.	Mixed unit of fine grained grey calcarenite and dark grey argillaceous calcarenite / calcisiltite. Occ bioclastic calcarenite band.	see						334	334	2.4
												334	335	3.1
												335	241.6	2.1
												3416	343	0.7
												343	346	3.0
247.9	262.5	100	2	Ogmu	Laminated micrite with laminae	Boulding 55° to c/a.	47	249.8	262.8			346	348	1.0

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

SHEET No.
TENEMENT NAME BLACK JACK No. 11618

CO-ORDINATES 366520E AZIMUTH DRILLERS DDTAS COMMENCED 20195
RL COLLAR 536079N INCLINATION 50° DRILL TYPE LY 38 COMPLETED 28275 PLAN - MAP REFERENCE
DEPTH 505m HOLE No. DB110 CASING LEFT DPO No(s)

DEPTH		Core Rec. %	Graphic Log	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)																			
				localised bioclastic bands 256.5-257m	Bedding 60° 259m 50° to c/a.	4141148	260.4	263.33												
262.5	263.33	100	1	Ogmu Grey coarsely bioclastic calcarenites becoming finer grained d/beds.	" " 254m 60° to c/a.															
263.33	268.5	100	2	Ogwl Mixed unit of grey fine grained calcarenites + dark grey calcarenites localised bioclastic calcarenite zones.	Dol/calc vein 80° to c/a 266.2.															
268.5	272.3	100	2	Ogmu Light grey micritic with white bioclasts passing through calcite Dol vein, gourse at 268.8m. into laminated micritic unit.	cleavage 35° to c/a. Dolomitisation around fault. Fault? 60° to c/a. Bedding 50° to c/a.															
272.30	274.0	100	5	Ogfc Clay gouges/broken core		49	272.3	273.95												
274.0	276.0	100	1	Ogwl Mixed grey fine calcarenites and argillaceous (calc) siltite																
276.0	277.4	50	4x	Ogfc Broken core/clay gouges. Calc/dol veining.																
277.4	278.6	100	2	Ogmu Grey micritic unit	cleavage 30° to c/a.															
278.6	282.7	75	1	Ogwl Mixed grey fine grained calcarenites and dark grey argillaceous calcarenites																
282.7	285.9		5	Ogfc Broken core/clay gouges/core loss	Possible dolomitisation															
285.9	287.2		4f	Ogmu Dark grey equigranular dolomitised fine grained calcarenites/micritic																

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

SHEET No.
TENEMENT NAME BLACK JACK No. 13:18

CO-ORDINATES 366520 E AZIMUTH DRILLERS DD TAS COMMENCED 20.1.95 DEPTH 505 m HOLE No. DB 110
RL COLLAR 5360759 N INCLINATION 50° DRILL TYPE LY 38 COMPLETED 28.2.95 CASING LEFT DPO No(s)

DEPTH		Core Rec.	RQ	Graphic Log	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)													
329.5	330.1	100	2	Ogul	Fine grained grey calcarenite/nicrite with argillite beddings						348	349	0.5	50
											349	350	0.5	33
											350	351	0.4	25
											351	352	0.7	48
330.1	330.2	100	5x	Ogfe	Fault gouge						353	355	1.0	87
											355	358	1.5	50
332.2	333.6	100	1	Ogul	Distinctive argillaceous calcarenite with well bedded red grain calcarenite beds.	Bedding 50° to c/A.					358	361	1.5	75
											361	362	0.6	40
											362	364	0.3	20
											364	367	2.6	97
331.6	333.6	100	3	Ogmu	laminated micrite unit.						367	369	0.7	50
											369	370	0.6	40
333.6	340.0	100	2	Ogul	Distinctive argillaceous calcarenite and well bedded calcarenite (red/hi) grained, locally micritic and decalcified.						370	371	1.0	66
											371	373	1.0	66
											373	374	0.7	55
											374	377	1.5	82
											377	379	0.9	50
341.0	343	50	4x	Ogfe	Fault zone with coll/dl veining clay gouges.	Uain 50° to c/A.					379	382	2.7	90
											382	385	3.0	100
											385	387	2.2	90
343.0	346	100	1	Ogmu	Laminated micrite unit	clear zone 25° to c/A Bedding 55° to c/A.					387	389	3.1	100
											389	390	1.2	66
346.0	351.8	51	4x	Ogfe	Broken core/core loss/clay zones/limestone	Dolomitised in parts	4141153	349	350.5		390	394	3.0	100
											394	395	1.6	50
											395	397	0.4	25
351.8	355.0	66	5	Ogfe	Black clay with lost frags core loss/clay gouges	? Partial dolomitisation.	55 351.8	352	355.0		397	402	0.2	8
											402	403	0.5	50
											403	406	3.0	100
355.0	364.0	50	4x	Ogfe	Broken limestone core + core loss occ clays - rocks fault altered	Minor localized dolomitisation.	4141156	355	358		406	408	2.5	100
											408	411	2.5	85
											411	414	2.0	66
364.0	366.3	100	1	Ogul	Fine grained calcarenite (micrite)						414	417	2.4	95

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

SHEET No.

TENEMENT NAME BLACK JACK No. 14 of 18

CO-ORDINATES 366520E AZIMUTH DRILLERS DDT 195 COMMENCED 20.95 DEPTH 505 m HOLE No. D13 110
RL COLLAR 5360759N INCLINATION 50° DRILL TYPE LY 3.8 COMPLETED 28.95 CASING LEFT DPO No(s)

DEPTH		Core Rec %	RB DATA	Graphic Log	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)													
366.3	368.4	56	5	Ogul	Grey calcareous clay and fine grained calcarenite with argillite. possible cavity.						417.6	419	1.4	100
											419	421	2.0	100
											421	428	3.0	100
											424	429	1.3	100
368.4	372.7	55	2C	Ogul	Fine grained calcarenite (micritic) with argillite disruption towards base.						425.3	427.9	2.6	100
											427.9			
372.7	374.6	60	5X	Ogfa	Clay gouge / cleaved (met / broken core / core loss limestone core locally unbroken - ? laminated micrite		4141158	372.7	374.3					
							59	376	379.6					
374.6	380.1	100	1	Ogul	Carbonate breccia - ? synsedimentary		60	379.6	380.6					
380.1	381.7	100	1	Ogul	med grained biocalitic calcarenite with distinct clayey / black argillite bands. Clay gouge at 380.6 ? bedding parallel	Dol / cal filled cavity with crystals. large blocks of quartz from 380.4-380.6 associated with calcarenite / argillite content. ? S. lentic @ 380.4								
381.7	385.1	100	1	Ogdl	Argillaceous biocalitic calcarenite with burrows - distinct argillite beds 50° to c.l.a.	Extensive dolomitisation Bedding parallel clay gouge @ 381.85m.								
385.1	387.3	90	1	Ogmu	Fine grained calcarenite (locally biocalitic) passing into a laminated micrite unit	Bedding 50° c.l.a. Extensive dolomitisation								
387.3	389.9	100	2	Ogmu	med fine grained locally biocalitic grey calcarenite with disturbed bedding; locally argillite derived (bedded argillite in place)									

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

SHEET No. 11 of 18

TENEMENT NAME BLACK JACK No. 11 of 18
PLAN - MAP REFERENCE

CO-ORDINATES 366520E AZIMUTH..... DRILLERS DDTAS COMMENCED 20 1 95 DEPTH 505 m HOLE No. PB110
RL COLLAR 536759N INCLINATION 50° DRILL TYPE LX 38 COMPLETED 28 2 95 CASING LEFT..... DPO No(s).....

DEPTH		Core Rec.	RG DATA	Graphic Log	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)										Fe	To	Re	Re
422.4	423.0	100	1	Ogco	less uniform bioclastic calcarenite with more argillite. possibly micritic at base.						4278	432	2.1	100
											430	433	1.8	60
											433	436	2.0	66
											436	437.8	1.8	100
423.0	424.0	100	2	Ogcl	Interbedded argillaceous calcarenite and fine grained calcarenite.	col'dol veining at base.					437.8	439.1	1.0	75
											439.1	442	1.9	65
424	424.05	100	5	Ogflz	Clay gouge. 45° to c/A						442	444	2.0	90
											444	446.8	2.3	45
											446.8	448.5	1.4	66
424.05	432.9	100	2	Ogcl	Fine grained grey locally bioclastic calcarenite/micritic. Bioclastic with minor argillite. locally rolled zone.	Calcite/dol veining 10-15° to c/A. Beddy 50° to c/A.					448.5	450.9	1.0	50
											450.9	451.5	0.2	33
											451.5	454	1.8	75
											454	456	1.4	62
											456	458.4	1.0	33
432.4	433.0	100	5	Ogflz	clay gouge -	Sub parallel to bedding					458.4	459.7	0.9	81
											459.7	461.0	0.7	55
433.0	447.3		3	Ogcl	Mixed sequence of limestones. Some partially recrystallised. Argillaceous laminae present. Localised zones of bioclastic. eg 433.5-434. Occasional brecciated zone with clay gouges.						461.0	463.0	0.5	25
											463.0	466.0	1.5	50
											466.0	469.0	1.0	33
											469.0	474.2	4.5	87
											474.2	477.8	2.1	58
											477.8	481.0	0.8	25
447.3	447.5	100	1	Ogcl	Bioclastic band at base of st. unit. followed by a thin argillaceous micritic band.						481.0	483.5	0.5	20
											483.5	486.4	2.0	68
											486.4	489.8	2.4	100
											489.8	493.0	1.2	40
											493.0	499.0	0.6	10
447.5	447.9	100	1x	Ogcl	Top 5cm sub-spherical calcite band underlain by well-laminated fine grained calcarenite	Beddy 50° to c/A.					499.0	501.3	0.6	25
											501.3	503.1	0.1	
							414 1161	448.9	451.5		503.1	505	0.3	
							451.5	454						

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