CRA EXPLORATION PTY. LIMITED

DRILL-HOLE SUMMARY LOG

364038

HOLE NAME: DD96ZM191 AMG EAST 364056 NORTH 5352092

PROSPECT: MYRTLE GRID EAST 60144E NORTH 50296N.

EL: ZEEHAN 1 EL28/88 RL 149m. DEPTH 300M

DATE DRILLED: 24/4/96

LOGGED BY: S.J.TEAR

DRILLING CO.: DD.TAS.

DRILL TYPE: DIAMOND

DRILL RIG: U.250

LOC DRILL CORE: ZEEHAN

SURVEYS:

DEPTH	AZIM (AMG)	DIP	DEPTH	AZIM (AMG)	DIP
0	134°	60°	251m	142°	59°
50m	137°	60°	299m	141°	59°
101m	139°	60°			
149m	138°	60°			
200m	140°	60°			

OBJECTIVES OF HOLE:

Diamond Drilltest of the Sub-Siltstone Unit sequence

LITHOGICAL SUMMARY:

FROM	TO	FORM CODE	COMMENTS
0	2	Qha	Overburden
2	11.7	Ogfc	Ferruginous clays
11.7	17.0	Ogdc	Dark grey clays
17.0	31.3	Ogul	Nodular calcarenite and bioclastic argillite.
31.3	68.5	Ogmu	Laminated micrite unit.
68.5	158.3	Ogul	Mixed sequence of shallow water/intertidal limestones
158.3	286.8	Ogul	Mixed sequence of argillites and calcarenites sub-tidal
286.8	300.0	Ogul	Shallow/subtidal mixed sequence of laminated micrite units, bioclastic units and argillaceous calcarenites.

MINERALISATION SUMMARY:

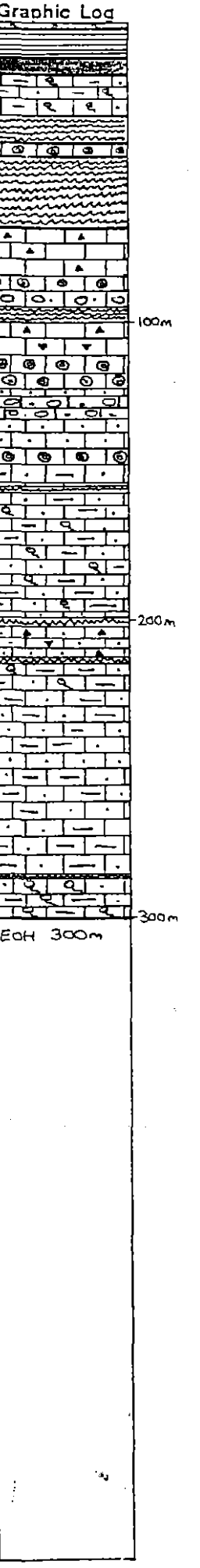
FROM	TO	COMMENTS
15.5	17.0	Sulphidic dark grey clays at base of unit. 0.62% Zn.

CONCLUSIONS:

The hole seemingly missed its target unless the top most dark clays represented the Siltstone Unit - the underlying slightly coarse bioclastic calcarenite and laminated micrite unit may be a clue.

Bedding @ 32.1m 60° to c/A. @ 101.3m 45° to c/A @ 156m 55° to c/A @ 200.8m 80° to c/A @ 286.8m 70° to c/A.

Graphic Log



C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. 1 of 8

TENEMENT NAME MYRTLE. No. 28/88.

AMG E 364056 E.

PLAN – MAP REFERENCE

CO-ORDINATES 5352092 N. AZIMUTH 134° DRILLERS DDTAS COMMENCED 24/4/1996. DEPTH 300m HOLE No. DD96ZM19

RL COLLAR 149m INCLINATION 60° DRILL TYPE U250 Diamond COMPLETED 10/5/1996 CASING LEFT DPO No(s) 82167

DEPTH From (M)	DEPTH To(M)	Core Rec. %	RQD	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Depth	(CL = CORE LOSS) Magnetic susceptibility Value	Depth	Value	Depth	Value	REC (mm)	REC (M)	REC (m)	REC (%)
0	9.5	28	5x	Qha	Light grey/orange/white clays with sandstone material.		5471 to 79	0	2.0	0	CL	15.5	0	31	4	0	2.0	0.5	25
							80	2.0	3.3	0.5	CL	16	5	31.5	5	2.0	3.5	0.75	50
							81	3.3	6.5	1	CL	16.5	CL	32	5	3.5	5.0	0.15	10
9.5	11.7		5x	Ogfc	Orange ferruginous clays		82	6.5	8.0	1.5	CL	17	5	32.5	2	5.0	6.5	0.1	7
							83	8.0	9.5	2	0	17.5	0	33	5	6.5	8.0	0.6	40
11.7	17.0		5x	Ogdc	Black/dark grey clay (locally light grey)		84	9.5	11.0	2.5	0	18	CL	33.5	9	8.0	9.5	0.6	40
							85	11.0	11.7	3	CL	18.5	CL	34	7	9.5	11.0	0.5	33
							86	11.7	12.5	3.5	1	19	CL	34.5	5	11.0	12.5	1.4	93
17.0	20.5		5	Ogwl	Rotted argillaceous limestone		87	12.5	14.0	4	0	19.5	CL	35	5	12.5	14.0	1.2	80
							88	14.0	15.5	4.5	CL	20	CL	35.5	5	14.0	15.5	0.8	53
20.5	31.3		1	Ogwl	Intermixed/nodular argillaceous bioclastic calcarenite; bioclasts in argillite; nodules have irregular margins - mottled appearance.		89	15.5	17.0	5	CL	20.5	CL	36	6	15.5	17.0	0.9	60
							90	17.0	18.5	5.5	0	21	5	36.5	0	17.0	18.5	0.75	50
							91	23.0	24.5	6	CL	21.5	4	37	8	18.5	20.0	–	0
										6.5	CL	22	2	37.5	4	20.0	20.7	0.3	43
										7	0	22.5	0	38	4	20.7	21.7	0.95	95
										7.5	0	23	6	38.5	2	21.7	23.0	1.3	100
31.3	40	100	1	Ogmw	Micrite unit – partially laminated; with birds eyes; locally massive micrite. Stylolitic with pyrite on seams.	Bedding @ 32.1m 60° to c/A. Shear vein zone calcite @ 39.8m 75° to c/A; breccia vein.	92	35.0	36.5	8	CL	23.5	10	39	0	23.0	26.0	3.0	100
										8.5	0	24	5	39.5	4	26.0	29.0	3.0	100
										9	0	24.5	5	40	0	29.0	32.0	3.0	100
										9.5	CL	25	5	40.5	5	32.0	33.5	1.5	100
										10	5	25.5	7	41	5	33.5	35.0	1.5	100
										10.5	CL	26	8	41.5	6	35.0	36.5	1.5	100
40	45.9	100	1	Ogwl	Oncolite unit up to 3cm oncolites in diameter. Fine grained calcarenite/micrite & minor argillite.	Calcite breccia vein 75° to c/A 25cm thick in middle of unit. Calcite breccia vein 15cm thick 70° to c/A @ 45.9m.	93	42.2	44.0	11	7	26.5	5	42	8	36.5	38.0	1.25	83
										11.5	9	27	8	42.5	5	38.0	41.0	3.0	100
										12	12	27.5	5	43	5	41.0	42.5	1.5	100
										12.5	0	28	6	43.5	9	42.5	44.0	1.5	100
										13	0	28.5	5	44	2	44.0	47.0	3.0	100
45.9	68.5	100	1	Ogmw	Micrite unit - weakly laminated in places, with birds eye micrites; with stylolites and argillaceous stylocumulates.	Cleavage 15° to c/A. - 35° to c/A. Bedding 45° to c/A. Calcite veining ? bedding parallel? 63m 1cm thick.	94	53.0	54.5	13.5	0	29	6	44.5	5	47.0	50.0	3.0	100
enter @ 57m							95	68.0	71.0	14	0	29.5	5	45	5	50.0	51.5	1.5m	100
										14.5	0	30	5	45.5	8	51.5	53.0	1.5	100
										15	0	30.5	5	46	0	53.0	56.0	3.0	100

C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. 2 of 8

TENEMENT NAME MYRTLE No 28/88

PLAN – MAP REFERENCE

AMG 3640560E

CO-ORDINATES 5352092N AZIMUTH 134° AMG DRILLERS DOTAS COMMENCED 24/4/96 DEPTH 300M HOLE No. DDH2M191

RL COLLAR 149m INCLINATION 60° DRILL TYPE U250 COMPLETED 10/5/96 CASING LEFT DPO No(s) 82167

DEPTH From (M)	DEPTH To(M)	Core Rec. %	RQD	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)
					localised zone of fenestral micrite with both dark argillaceous calcarenite fill and calcite fill. Some light grey seemingly coarser beads maybe large ? coral <30cm @ 64.9m - INTERTIDAL FACIES	Calcite breccia vein with large zoned calcite veining. Bedding 45° to c/A @ 65m			
68.5	82.1	100	1	Ogul	Slightly deeper water intermixed argillite and light grey/grey calcarenite micrite - burrowed and bioturbated; occ coral bioclasts. Occ more micritic zones; possible syn-sedimentary breccia zones; possible oncolites				
82.1	83.4	100	1	Ogoo	Light grey possibly bioclastic equigranular calcarenite.		5471096	83	85.8
83.4	94.4	100	1	Ogul	Intermixed argillite and bioclastic calcarenite with more equigranular calcarenite zones; possibly bioclasts and possible oncolites + possible syn-sedimentary breccias	This calcite veining <2mm 70° to c/A.			
94.4	96.3	100	2	Ogfz	Ag above with calcite veining + breccia veining Possible fault zone	lower contact 70° to c/A.	5471097	94	96.3

ASSAY VALUES (Analysed by Mag. SUS.) Depth	Value	Depth	Value	Depth	Value	REC (from)	REC (to)	REC (m)	REC (%)
46.5	10	62	10	77.5	10	56.0	57.0	1.0	100
47	10	62.5	10	78	9	57.0	59.0	2.0	100
47.5	6	63	2	78.5	8	59.0	62.0	3.0	100
48	5	63.5	0	79	6	62.0	65.0	3.0	100
48.5	5	64	0	79.5	9	65.0	68.0	3.0	100
49	5	64.5	9	80	9	68.0	71.0	3.0	100
49.5	5	65	2	80.5	0	71.0	74.0	3.0	100
50	5	65.5	8	81	10	74.0	77.0	3.0	100
50.5	5	66	8	81.5	6	77.0	80.0	3.0	100
51	5	66.5	6	82	5	80.0	83.0	3.0	100
51.5	5	67	10	82.5	5	83.0	85.8	2.8	100
52	5	67.5	10	83	0	86.8	89.0	3.2	100
52.5	6	68	9	83.5	6	89.0	92.0	3.0	100
53	4	68.5	5	84	5	92.0	95.0	3.0	100
53.5	5	69	10	84.5	6	95.0	98.0	3.0	100
54	2	69.5	10	85	7	98.0	101.0	3.0	100
54.5	6	70	5	85.5	10	101.0	104.0	3.0	100
55	5	70.5	6	86	5	104.0	107.0	3.0	100
55.5	5	71	8	86.5	0	107.0	110.0	3.0	100
56	5	71.5	4	87	3	110.0	113.0	3.0	100
56.5	8	72	6	87.5	2	113.0	116.0	3.0	100
57	5	72.5	5	88	5	116.0	119.0	3.0	100
57.5	8	73	5	88.5	5	119.0	122.0	3.0	100
58	6	73.5	8	89	6	122.0	125.0	3.0	100
58.5	2	74	9	89.5	5	125.0	128.0	3.0	100
59	5	74.5	9	90	0	1280	131.0	3.0	100
59.5	5	75	8	90.5	4	131.0	134.0	3.0	100
60	4	75.5	9	91.0	5	134.0	137.0	3.0	100
60.5	6	76	5	91.5	9	137.0	140.0	3.0	100
61	8	76.5	4	92	5	140.0	143.0	3.0	100
61.5	7	77	5	92.5	5	143.0	146.0	3.0	100

3640440

C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. 3 of 8

TENEMENT NAME MYRTLE No. 28188

AMG 364056E

PLAN – MAP REFERENCE

CO-ORDINATES 5352092N AZIMUTH 134° AMG DRILLERS DDTAS COMMENCED 24/4/96 DEPTH 300M HOLE No. DD96ZM191

RL COLLAR 149m INCLINATION 60° DRILL TYPE U250 COMPLETED 10/5/96 CASING LEFT DPO No(s) 82167

DEPTH From (M)	DEPTH To(M)	Core Rec. %	RQD	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)
96·3	101·3	100	1	Ogmu	Micritic looking fine grained calcarenite; with birds eye micrite zones becoming more argillaceous (? stylo cumulates) after 100m. Stromatactis cavities 100·7–101·2 in ? Coral.	Minor calcite veining until 100m.			
101·3	111·7	100	1	Ogul	Shallow water possibly intertidal fine grained micritic calcarenites with birds eye micrites + fenestral micrite/calcarenite; possible burrowing Intraclast texture @ 105·5m	Bedding 45° to c/A. Calcite veining low sub-parallel to c/A.	5471098	107·0	108·5
111·7	121·2	100	1	Ogul	Oncolite? zone with red grained calcarenites and bioclasts. Syn sedimentary breccias with large >20cm Coral fragments, micrene in amount of argillite.		5471099	115	117
121·2	126·3	100	1	Ogio	Med grained equigranular grey bioclastic calcarenite with occ argillaceous stylolite; occ micrite clast		5471100	124	126
126·3	134·0	100	1	Ogul	Syn sedimentary breccia/heavily bioturbated argillaceous bioclastic calcarenite.				

ASSAY VALUES (Analysed by.....)									
	Mag. Sus.								
Depth	value	Depth	value	Depth	value	Rec (from)	Rec (to)	Rec (m)	Rec (%)
93	3	108·5	11	124	0	146·0	149·0	3·0	100
93·5	5	109	10	124·5	5	149·0	152·0	3·0	100
94	5	109·5	8	125	4	152·0	153·5	1·5	100
94·5	0	110	5	125·5	2	153·5	155·0	1·5	100
95	5	110·5	10	126	6	155·0	158·0	3·0	100
95·5	0	111	9	126·5	6	158·0	161·0	3·0	100
96	0	111·5	4	127	5	161·0	164·0	3·0	100
96·5	5	112	5	127·5	6	164·0	167·0	3·0	100
97	4	112·5	5	128	6	167·0	170·0	3·0	100
97·5	8	113	8	128·5	9	170·0	173·0	3·0	100
98	4	113·5	5	129	5	173·0	176·0	3·0	100
98·5	0	114	0	129·5	4	176·0	179·0	8·0	100
99	5	114·5	6	130	4	179·0	182·0	3·0	100
99·5	9	115	5	130·5	5	182·0	185·0	3·0	100
100	5	115·5	5	131	5	185·0	188·0	3·0	100
100·5	6	116	2	131·5	5	188·0	191·0	3·0	100
101	0	116·5	6	132	4	191·0	194·0	3·0	100
101·5	6	117	5	132·5	5	194·0	197·0	3·0	100
102	10	117·5	6	133	4	197·0	200·0	3·0	100
102·5	5	118	5	133·5	5	200·0	203·0	3·0	100
103	5	118·5	6	134	6	203·0	206·0	3·0	100
103·5	6	119	4	134·5	4	206·0	209·0	3·0	100
104	5	119·5	6	135	2	209·0	212·0	3·0	100
104·5	5	120	5	135·5	8	212·0	215·0	3·0	100
105	9	120·5	5	136	8	215·0	218·0	3·0	100
105·5	5	121	5	136·5	5	218·0	221·0	3·0	100
106	6	121·5	2	137	6	221·0	224	3·0	100
106·5	9	122	5	137·5	9	224·0	227·0	3·0	100
107	8	122·5	5	138	10	227·0	230·0	3·0	100
107·5	10	123	2	138·5	10	230·0	233·0	3·0	100
108	11	123·5	5	139	9	233·0	236·0	3·0	100

C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. 4 of 8

TENEMENT NAME MYRTLE No. 28/88

PLAN – MAP REFERENCE

CO-ORDINATES 364056E 5352092N AZIMUTH 134° AMG DRILLERS OOTAS COMMENCED 24/4/96 DEPTH 300m HOLE No. DD96ZM191

RL COLLAR 149M INCLINATION 60° DRILL TYPE U250 COMPLETED 10/5/96 CASING LEFT DPO No(s) 82167

DEPTH From (M)	DEPTH To (M)	Core Rec. %	RQD	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	ASSAY VALUES (Analysed by ...) Mag Sus Depth	Value	Depth	Value	Depth	Value	Rec (from)	Rec (to)	Rec (m)	Rec (%)
					occ large coral fragment					139.5	9	155	6	170.5	7	236.0	239.0	3.0	100
					numerous bioclasts in argillite					140	9	155.5	10	171	9	239.0	242.0	3.0	100
					interstitial and fine grained					140.5	10	156	10	171.5	2	242.0	245.0	3.0	100
					calcarenite ; becoming more					141	10	156.5	8	172	9	245.0	248.0	3.0	100
					equigranular calcarenite at					141.5	10	157	10	172.5	9	248.0	251.0	3.0	100
					base					142	9	157.5	6	173	10	251.0	254.0	3.0	100
										142.5	10	158	5	173.5	8	254.0	257.0	3.0	100
134	134.8	100	1	Ogoo	Equigranular bioclastic					143	9	158.5	9	174	5	257.0	260.0	3.0	100
					calcarenite unit with calcite					143.5	10	159	10	174.5	6	260.0	263.0	3.0	100
					veining parallel to c/A					144	2	159.5	0	175	5	263.0	266.0	3.0	100
										144.5	4	160	9	175.5	9	266.0	269.0	3.0	100
134.8	138.4	100	1	Ogw	Sequence of interbedded	Bedding: slightly irregular				145	10	160.5	10	176	7	269.0	272.0	3.0	100
					dark grey argillaceous calcarenite	contacts (70° to c/A) - due				145.5	6	161	8	176.5	10	272.0	274.6	3.0	100
					and fine grained (?oncolitic)	to disturbance by ?burrowing				146	7	161.5	10	177	10	274.6	277.6	3.0	100
					grey calcarenite ; often get	or dewatering.				146.5	10	162	10	177.5	5	277.6	280.8	3.0	100
					bioclastic grey calcarenite	Minor zone of pyrite ? clasts				147	10	162.5	10	178	6	280.8	284.0	3.0	100
					bands, - particularly towards	@ 137.3m.				147.5	10	163	8	178.5	9	284.0	287.0	3.0	100
					base - large brachiopod shells					148	10	163.5	9	179	6	287.0	290.0	3.0	100
										148.5	8	164	10	179.5	8	290.0	293.0	3.0	100
138.4	143.4	100	1	Ogw	Burrowed fine grained	5cm calcite @ 143.4m - pyrite on lower contact.				149	10	164.5	6	180	6	293.0	296.0	3.0	100
					grey calcarenite with	bedding parallel. 60° to c/A	S471271	140.0	141.5	149.5	10	165	9	180.5	6	296.0	299.0	3.0	100
					argillite ~~[illegible]~~ cross laminae	with slickensides.				150	10	165.5	10	181	4	299.0	300.0	3.0	100
					locally; occ argillite band.	V. minor dissem blebs of				150.5	12	166	5	181.5	8				
					rare bioclasts until 141m	pyrite @ 142m, 142.2m				151	10	166.5	5	182	10				
					coarse brachiopods:- possible	cleavage 45° to c/A - maybe 35° to c/A				151.5	11	167	5	182.5	6				
					oncolites towards base.	[illegible] 2 phase calcite breccia				152	11	167.5	10	183	5				
					Well cleaved in places	vein @ 139.3m 50° to c/A ‖				152.5	10	168	9	183.5	6				
						to bedding locally?				153	5	168.5	10	184	10				
										153.5	9	169	9	184.5	5				
143.4	144.3	100	1	Ogw	Oncolite Unit	Minor veining with pyrite				154	6	169.5	11	185	7				
						blebs				154.5	5	170	9	185.5	10				

C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. 5 of 9

TENEMENT NAME MYRTLE No. 28188

PLAN – MAP REFERENCE

364056E.

CO-ORDINATES 5352092N AZIMUTH 134° AMG DRILLERS DOSAS COMMENCED 24/4/96 DEPTH 300m HOLE No. DD96ZM191

RL COLLAR 149m INCLINATION 60° DRILL TYPE LF250 COMPLETED 10/5/96 CASING LEFT DPO No(s) 82167

DEPTH From (M)	DEPTH To (M)	Core Rec. %	RQD	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)
144.3	156.0	100	1	Ogul	Burrowed argillaceous calcarenite with equigranular unit at top; locally argillite dominant units. Occ bioclastic band	cleavage subparallel & c/a. + variable 35° to c/a. Minor blebs often with calcite veinlets eg 150.2 150mm. bedding 60° to c/a. some fg in crosser units.	5471272	152.0	153.5	
156.0	156.8	100	1	Ogul	Possible oncolite band with coarse bioclasts passing into an interlaminated argillite/calcarenite unit – ? cleavage related	Bedding 55° to c/a.				
156.8	158.3	100	1	Ogmu	med/coarse equigranular bioclastic unit – calcite filled cavities – ?stromatactis. Non laminated micrite units. Brecciated bottom contact – syn sed.	Pyrite blebs at top contact. Minor blebs of pale sphalerite in top 20cm.				
DISTINCTIVE UNIT re Wallsorton Reef Ireland.										
158.3	165.7	100		Ogul	Intermixed and bedding disturbed light grey almost micritic calcarenite and argillaceous calcarenite; calcite vug infill. Occ bioclasts in argillite burrowed in places. 159–159.7 – recrystallised carbonate unit or large coral bioclasts <30cm. Becoming less argillaceous after 164m; more micritic with birds eyes + burrows.					

ASSAY VALUES (Analysed by .....)

Mag SUS.

Depth	Value	Depth	Value
186	11	201.5	4
186.5	6	202	4
187	9	202.5	5
187.5	5	203	2
188	6	203.5	4
188.5	6	204	3
189	7	204.5	4
189.5	6	205	0
190	6	205.5	5
190.5	6	206	0
191	9	206.5	0
191.5	10	207	0
192	10	207.5	0
192.5	5	208	2
193	5	208.5	2
193.5	4	209	2
194	5	209.5	5
194.5	9	210	4
195	9	210.5	4
195.5	10	211	5
196	5	211.5	5
196.5	5	212	2
197	5	212.5	0
197.5	9	213	0
198	6	213.5	0
198.5	0	214	0
199	9	214.5	0
199.5	4	215	4
200	5	215.5	0
200.5	6	216	5
201	5	216.5	8

364043

C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. 6 of 8

TENEMENT NAME MYRTLE No. 28188

PLAN – MAP REFERENCE

CO-ORDINATES AMG 3640566 S352092N AZIMUTH 134° AMG DRILLERS DOTAS COMMENCED 24/4/96 DEPTH 300m HOLE No. DD96ZM191

RL COLLAR 149m INCLINATION 60° DRILL TYPE U250 COMPLETED 10/5/96 CASING LEFT DPO No(s) 82167

DEPTH From (M)	DEPTH To(M)	Core Rec. %	RQD	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)
165.7	170.8	100	1	Ogul	Intermixed argillaceous burrowed ?bioclastic calcarenite; with calcite filled vugs + recrystallisations Disturbed bedding (heavy) locally; argillaceous calcarenite bands 167–167.6 syn sed breccia.	Minor pyrite in calcite blebs.	5471273	165.5	167.0	
170.8	173	100	1	Ogul.	Med/fine grained calcarenite almost micritic; fine grained abundant bioclasts; burrowed appearance. Increase in argillaceous calcarenite material after 169.3m	Well cleaved unit 50-40° to c/a. Calcite vn 3cm 60° to c/A @ 173.9m Bedding @ 169m 65° to c/A.				
173.0	192.2	100	1	Ogul	Fine grained grey calcarenite and dark grey argillaceous calcarenite; with occ bioclastic bands. Beds of argillite orientated along cleavage occ burrowed zone. Calcite filled elongated burrows V. featureless limestone Often lath-like bioclasts in argillaceous patches after 188m	Bedding 70° to c/A. cleavage 25° to c/A. Small blebs of pyrite in small calcite vugs eg 182.4m	5471274	174.0	176.0	
							5471275	185.0	186.5	
192.2	193.5	100	1,	Ogul	Zone of small scale equigranular bioclastic calcarenites – channel samples.					

ASSAY VALUES (Analysed by Mag SUS)

Depth	Value	Depth	Value
217	3	232.5	5
217.5	5	233	6
218	5	233.5	7
218.5	4	234	5
219	6	234.5	5
219.5	10	235	10
220	6	235.5	5
220.5	4	236	5
221	5	236.5	6
221.5	6	237	5
222	5	237.5	6
222.5	10	238	5
223	9	238.5	5
223.5	5	239	10
224	11	239.5	5
224.5	9	240	2
225	6	240.5	4
225.5	7	241	2
226	5	241.5	2
226.5	10	242	0
227	10	242.5	4
227.5	10	243	5
228	0	243.5	0
228.5	10	244	6
229	5	244.5	6
229.5	10	245	7
230	5	245.5	5
230.5	7	246	9
231	5	246.5	8
231.5	0	247	3
232	0	247.8	2

3640444

C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. 7 of 8

TENEMENT NAME MYRTLE No. 28188

PLAN – MAP REFERENCE

AMG 364056E
CO-ORDINATES 5352092N AZIMUTH 134° AMG DRILLERS DOTAS COMMENCED 24/4/96 DEPTH 300m HOLE No. DD96ZM191

RL COLLAR 149m INCLINATION 60° DRILL TYPE U250 COMPLETED 10/5/96 CASING LEFT DPO No(s) 82167

DEPTH From (M)	DEPTH To (M)	Core Rec. %	RQD	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)
193.5	198.4	100	1	Ogwl	Fine grained grey calcarenite with calcite veins on base of more micritic units. Argillaceous beds/bands <5cm becoming more burrowed after 197.3m					
198.4	200.8	100	1	Ogwl	V. fine grained calcarenite / micrite with med grained argillaceous calcarenite as interstitial fill - ?cleavage affected Calcite filled elongate burrows?					
200.8	203.7	100	1	Ogmu	Laminated micrite unit birds eye micrites.	bedding 80° to c/A.	5471276	200.6	203	
203.7	214.1	100	1	Ogwl	Fine grained calcarenite with bioclasts and birds eyes. Argillite bands and occ channel samples - shallow sub-tidal.		5471277	211.0	212.6	
214.1	216.7	100	1	Ogmu	Laminated micrite unit	bedding 70° to c/A Core orientation @ 215m bedding closer to subvertical.				
216.7	221.0	100	1	Ogwl	V. fine grained bioclastic calcarenite with irregular argillite bands.					

ASSAY VALUES (Analysed by Mag Sus.)

Depth	Value	Depth	Value
248	4	263.5	5
248.5	5	264	5
249	10	264.5	3
249.5	6	265	4
250	9	265.5	4
250.5	7	266	3
251	6	266.5	5
251.5	11	267	5
252	10	267.5	5
252.5	14	268	6
253	13	268.5	6
253.5	7	269	9
254	11	269.5	4
254.5	8	270	9
255	14	270.5	1
255.5	5	271	1
256	5	271.5	2
256.5	5	272	1
257	9	272.5	2
257.5	9	273	1
258	11	273.5	0
258.5	11	274	4
259	5	274.5	5
259.5	5	275	4
260	2	275.5	4
260.5	5	276	0
261	5	276.5	0
261.5	3	277	0
262	10	277.5	2
262.5	5	278	4
263	6	278.5	5

3640445

C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. 8 of 8

TENEMENT NAME MYRTLE No. 2888

PLAN – MAP REFERENCE

AMG : 364056E

CO-ORDINATES 5352092N AZIMUTH 134° AMG DRILLERS DOTAS COMMENCED 24/4/96 DEPTH 300m HOLE No. DD96ZM191

RL COLLAR 149m INCLINATION 60° DRILL TYPE U250 COMPLETED 10/5/96 CASING LEFT DPO No(s) 82167

DEPTH From (M)	DEPTH To(M)	Core Rec. %	RQD	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)
221.0	286.8	100	1	Ogd	Fine grained calcarenite locally micritic with irregular argillite bands acc burrowing zone. channel @ 227.5 – 228.2 m. one other small channels. Less distinct argillite banding downhole. Possible mottled zones locally.	Calcite vein + veining zone @ 231.6m – 232.3m. Veining either as thin veinlets <3mm thick or 5–10cm masses. Calcite vein from 276.1 – 277m.	8471278	227.0	228.5	
							79	242.8	244.7	
							80	259.2	261.7	
							81	274.2	276.1	
							82	280.8	282.8	
286.8	287.4	100	1	Ogmu	Laminated micrite unit	Bedding 70° to c/A				
287.4	300.0	100	1	Ogd	V. fine grained locally coarsely bioclastic calcarenite with argillaceous bands Increased effect of cleavage – possible contorted bedding V. shallow subfidal – inc channel deposits + coarse bioclastic in micrites.	Calcite vein 5mm 15° to c/A with diseminated blebs of pyrite.	83	289.6	292.2	
							84	294.0	295.9	
						Bedding back to 55° to c/A @ 298.6m.				
					END OF HOLE –	300 m.				

ASSAY VALUES (Analysed by NAG SUS.)

Depth	Value	Depth	Value
279	1	284.5	5
279.5	1	285	5
280	5	285.5	0
280.5	6	286	0
281	8	286.5	2
281.5	5	287	5
282	6	287.5	5
282.5	6	288	5
283	1	288.5	5
283.5	2	289	5
284	1	289.5	0
284.5	1	300	5
285	2	300 EOH	
285.5	2		
286	2		
286.5	5		
287	1		
287.5	0		
288	0		
288.5	1		
289	5		
289.5	9		
290	10		
290.5	4		
291	6		
291.5	2		
292	2		
292.5	1		
293	4		
293.5	4		
294	2		

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