

805042

CRA EXPLORATION PTY. LIMITED
DRILL-HOLE SUMMARY LOG

EL NAME: MT DUNDAS HOLE NAME: DD94 DM209
 EL NUMBER: EL45/92 PROSPECT: MARIPOSA
 DATE DRILLED: MAY 1994
 LOGGED BY: RGP

AMG EAST: _____ GRID EAST: 67350
 AMG NORTH: _____ GRID NORTH: 58849
 RL: _____ TOTAL DEPTH: 141.7

DEPTH	AZIM. (MAG)	INCLIN.
0	253 AMG	-70°
60	259	-72.5°
100	257	-73°
140	?	-75°

OBJECTIVES OF HOLE: To intersect structurally controlled mineralisation at faulted contact between Gordon Limestone and Dundas Gp.

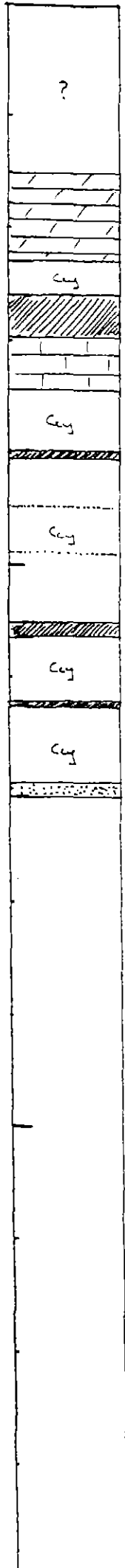
LITHOLOGICAL SUMMARY:

DFROM	DTO	COMMENTS
0	30.0	PRECOLLAR - coloured clays after Ed? in cuttings
30.0	46.0	DOLOMITE
46.0	51.9	CLAY
51.9	59.6	SIDERITE ZONE
59.6	68.85	SHALEY LIMESTONE
68.85	79.8	CLAY
79.8	81.15	SIDERITE ZONE
81.15	110.4	CLAY
110.4	113.0	DOLOMITE - CLAY
113.0	124.3	CLAY
124.3	125.0	SIDERITE ZONE
		125.0 - 139.05 CLAY
		139.05 - 141.7 SANDSTONE (MOINA ST?)

MINERALISATION SUMMARY:

DFROM	DTO	COMMENTS
51.9	59.6	7.7m @ 2.11% Zn (40% core rec) (Est. true width ~ 3m)

CONCLUSIONS: No obvious sulphide mineralisation. Siderite + clay zones may be stratobound zone at base of Gordon Limestone sequence. Sandstone at EOH would then be Moira sit. This is exposed in track 60m to S - Anoxo mapped as Cotty (unlikely).
 Hole drilled down bedding plane.
 Stratobound target requires more testing.



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

SHEET No. 3 of 5

TENEMENT NAME..... No.....

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. Dm 209

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

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.....)				
From (M)	To (M)										DAILY RUNS				
											FR	TO	REC	RE	
89.5	100.0		NQ	5	CLAY Orange-brown puggy clay. 100 mm ^{sandstone} band at 97.7-97.85m. minor gritty ferruginous fragments throughout clay.		2987427 428	89.5 95.0 95.0 100.0	95.0 100.0			89.9	90.8	0.7	5
												91.4	0.5		
												92.0	1.0		
												93.8	2.0		
												95.0	0.75		
100.0	101.0				NO RECOVERY.							96.2	1.4		
												96.8	0.6		
89.5 01.0	110.4		NQ	5	CLAY White puggy clay + minor gritty shaley fragments. Similar to 83.5-89.5m. Looks to be symmetry about orange-brown clays (89.5-100.0) as if contact contact is swinging above & below hole (i.e. 11 to C.A.).		429 430	101.0 110.0	107.0 110.4			97.3	0.4		
												98.0	0.6		
												100.0	0.6		
												101.0	-		
												104.0	1.3		
												105.35	1.1		
												107.0	0.55		
110.4	113.0		NQ	5	DOLOMITE + CARBONACEOUS CLAY Dark grey med grs dolomite with a foliation defined by carbonaceous films. Uncertain whether bedding or cleavage. Patchy weak siderite. Dark grey carbonaceous puggy clay, particularly above & below main dolomite band between 111.0-112.0m. 111.3m bedding or cleavage? - C.A. $\approx 30^\circ$		431	110.4	113.0			110.0	-		
												110.6	0.45		
												111.1	0.2		
												112.0	0.5		
												113.0	0.2		
												114.6	1.3		
												116.0	1.5		
												118.45	1.15		
												119.0	0.4		
113.0	124.3		NQ	5	CLAY White puggy clay with minor dark grey carbonaceous fragments to 118.45, then minor light brown quartz sand grains to 122.0m.		432 433	118.0 118.45	118.45 124.3			120.2	1.0		
												122.0	1.15		
												123.2	-		
												123.8	0.6		

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C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. 4 of 5

TENEMENT NAME..... No.....

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. Dm 209

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

DEPTH		Core Rec (M)	Core Size	Graphic	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by.....)			
om (M)	To (M)										DRILL RUNS			
											FR	TO	REC	RD
4.3	125.0		NQ	4X	SIDERITE AND CARBONACEOUS CLAY Dark yellow grey massive siderite and dark grey to black carbonaceous clay. Siderite has a wispy carbonaceous foliation. 124.6 foliation - C.A. \pm 32° Boundary between siderite and clay is to C.A.		3987434	124.3	125.0		23.8	25.0	0.8	5/4
												26.5	0.6	5
												128.0	0.5	
												129.3	0.2	
												130.0	0.7	
												130.4	0.25	
												131.0	0.1	
												131.6	0.5	
5.0	139.05		NQ	5	CLAY white - light yellow-brown puggy clay. Band of light grey to white massive dolomite 129.8 - 134.4 brecciated and mixed with the clay. Minor gritty fragments of dolomite throughout.		435	125.0	130.0			33.1	0.5	
							436	130.0	134.0			34.0	0.8	
							437	134.0	139.05			35.5	0.35	
												37.0	0.45	
												138.2	1.0	
												138.8	0.65	
19.05	141.7		NQ	5X	SANDSTONE Light grey to white coarse grs quartz sandstone. Prominent 5mm wide white bands in core at 139.3 - consisting of massive silica cement. Bedding? 139.3 So - C.A. \pm 30° Core is quartz veined. Very rubble with poor recovery. Unable to be drilled through due to casing rubble. MAY BE UMOINA SANDSTONE.		438	139.05	141.7			139.3	0.5	5/5
												139.6	0.1	5
												140.85	0.2	
												141.2	0.2	
												141.7	0.2	
DOWN HOLE SURVEYS														
0 m -70° → 253 AMG														
60 m -72.5 → 259 AMG														
100 m -73° → 257 AMG														
140 m -75° → ?														

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

SHEET No. 5.8.5

TENEMENT NAME..... No.....

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. **Dm 209**

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

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.....)											
From (M)	To (M)																					
					<p>Drillhole is probably drilling almost along bedding, possibly crossing back & forth through the siderite-clay contact zone near base of limestone sequence.</p> <p>Sandstone at EOH may be Maina sst. Same as that exposed on track at about 58780 N. Unlikely to be Catty quartzite ss mapped by Amoco.</p>																	

