

CRA EXPLORATION PTY. LIMITED
DRILL-HOLE SUMMARY LOG

346154

HOLE NAME: DD95 ZG412 AMG EAST 364072 NORTH 5349077
 PROSPECT GRIEVES GRID EAST 61196 NORTH 47340.5
 EL: ZEEHAN 4 EL3889 RL ~133 DEPTH 119.0

DATE DRILLED: 1995
 LOGGED BY: RGP
 DRILLING CO.: DD TAS
 DRILL TYPE: DD
 DRILL RIG: W250
 LOC DRILL CORE: ZEEHAN.

SURVEYS:

DEPTH	AZIM (AMG)	DIP	DEPTH	AZIM (AMG)	DIP
0	143°	-60			
51	?	-60			
60	144.5	-61			
118	118 (P)	-63			

OBJECTIVES OF HOLE:
 To test "Lower Zone" beneath intersection of Zn-rich siderite + oolitic CO₃ dolomite in 1993/94 air-core program.

LITHOLOGICAL SUMMARY:

FROM	TO	FORM CODE	COMMENTS
0	3.4	Qha	GRAVELS
	11.9	Ogw	SURFICIAL CLAYS
	22.3	Ogmb	MICRITE UNIT
	35.3	Ogul	LIMESTONE
	48.4	Og	CARBONACEOUS SHALE + LIMESTONE BRECCIAS
	72.2	Ogec	COARSE CALCARENITE
	89.6	Ojoo	OOOLITIC CARBONATE
	102.0	-	CAVITY
	102.1	Ogsd	SIDERITE
	110.0	Ogdc	CARBONACEOUS CLAYS
	114.8	Ogst	TRANSITION ZONE
	119.0	Om	MOINA SANDSTONE

MINERALISATION SUMMARY:

FROM	TO	COMMENTS
39.4	40.2	0.8 m @ 3.4% Zn 1.3% Pb (in Altered Lst breccia)

CONCLUSIONS:
 Siderite + clay zone not anomalous. Possible that target intersected in shallow air-core holes, plunges to N, therefore away from this hole.

Graphic Log

CAVITY

346156

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

SHEET No. 2 of 3

TENEMENT NAME..... No.

PLAN - MAP REFERENCE.....

CO-ORDINATES 364072E 5349077N AZIMUTH 143° AMC DRILLERS DDTAS COMMENCED.....

DEPTH 119 HOLE No. ZG412

RL COLLAR..... INCLINATION -60° DRILL TYPE 4250 COMPLETED.....

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 (Analysed by.....)				
From (M)	To (M)										Drill Runs				
											To	Ree	Ree		
37.1	39.4			Ogul	LIMESTONE BRECCIA Grey angular clasts and rounded nodules (algal balls?) in dark grey lime mud matrix. Syn-depositional fault?						0	2.1	5	0.5	
												3.4	1	0.2	
												4.8		0.5	
												6.8		1.25	
												7.8		0.55	
39.4	40.25			Ogul	LIMESTONE BRECCIA WITH SIDERITE ALTERATION Limestone breccia as above, but with irregular patches of pervasive alteration by a light yellow mineral - possibly ankerite-siderite?							10.5	1	0.55	
												12.3	5	0.7	
												13.8	2F	1.25	
												15.3	3F	1.3	
												16.8	2F	1.45	
												19.2	2F	1.65	
40.25	41.8			Ogul	LIMESTONE BRECCIA As for 37.1 - 39.4m.							20.8	2F	1.65	
												20.3	2V	1.55	
												25.6	2B	3.15	
41.8	46.8			Ogsl?	CARBONACEOUS SHALE + LIME MUDSTONE Dark grey to black carbonaceous unit with some elliptical & wispy carbonate layers. Decomposed.							27.3	2B	0.95	
												28.7	2B	1.2	
												30.2	1B	1.6	
												31.8	1F	1.5	
												33.3	3F	1.4	
46.8	48.4				CAVITY.							34.8	3B	1.4	
												36.3	4B	1.15	
48.4	48.5			Ogms	MASSIVE PYRITE Spongy massive pyrite							37.8	3F	0.9	
												39.3	2F	1.55	
												40.8	3F	1.35	
48.5	72.2			Ogrec	COARSE BIOCLASTIC CALCARENITE Grey distinctive calcarenite comprised of 0.5-5mm bioclastic & lithic? fragments. looks almost equigranular as if a carbonate grit.							43.8	4F	2.7	
												44.7	5F	0.65	
												46.8	5F	0.5	CAVITY
												49.8	2F	1.4	1.6m CAVITY
												51.3	1F	1.4	
												52.8	1F	0.3	CAVITY

