

CRA EXPLORATION PTY. LIMITED  
 DRILL-HOLE SUMMARY LOG

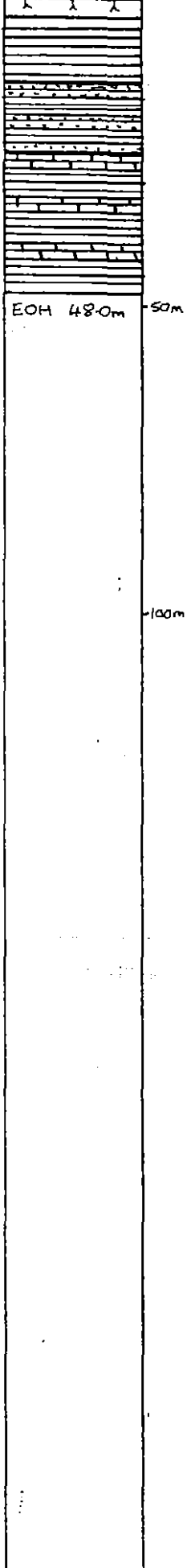
364050

HOLE NAME: DD96ZP64      AMG    EAST 364335    NORTH S356607  
 PROSPECT: PYRAMID      GRD    EAST 1736E    NORTH 1073N  
 EL: ZEEHAN 1      EL28/88    RL      129m.      DEPTH 48m.

DATE DRILLED: 28/4/96  
 LOGGED BY: S.J. TEAR  
 DRILLING CO.: DDTAS  
 DRILL TYPE: DIAMOND  
 DRILL RIG: U250  
 LOG DRILL CORE: ZEEHAN

SURVEYS:  
 DEPTH      AZIM (AMG)    DIP    DEPTH      AZIM (AMG)    DIP  
 0m          198°          60°  
 no surveys.

Graphic Log



OBJECTIVES OF HOLE:  
 DIAMOND DRILLTEST OF 'OCEANA HORIZON' - below Ogsi (Siltstone Unit)  
 Also subsurface test of ZWP27 mineralisation.

LITHOLOGICAL SUMMARY:

FROM	TO	FORM CODE	COMMENTS
0	3.2	Qha	Overburden.
3.2	13.5	Sa.	Dark grey green phyllite.
13.5	25.0	Ogsi	Dark grey shales with light grey sandstone bands.
25.0	48	Ogsi	Dark grey non-calcareous siltstone with bioclastic carbonate bands.

MINERALISATION SUMMARY:

FROM	TO	COMMENTS

CONCLUSIONS:  
 Hole abandoned due to flooding.  
 Hole cored in Amber Slate.  
 Concordant age dating gave a Silurian-Davonian age for bioclastic zone  $\Rightarrow$   $\therefore$  not siltstone unit?  
 Bedding @ 13.5m 60° to c/a. @ 25.0m 55° to c/a.

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

SHEET No. 1 of 2  
TENEMENT NAME EL 28 / 88 ZEERAN No.  
PLAN - MAP REFERENCE PYRAMD  
DEPTH 48m HOLE No. DD962P64  
CASING LEFT DPO No(s) -

CO-ORDINATES 364385E 535660N AZIMUTH 198° DRILLERS DD.TAS COMMENCED 28/3/1996  
RL COLLAR 129m INCLINATION 60° DRILL TYPE U250 COMPLETED 2/4/1996

DEPTH		Core Rec. %	RQD	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)										MAC SUB				REC (FRAM)	REC (CS)	REC (M)	REC (CL)
											Depth	Value	Depth	Value				
0	3.2	45	5	Sha	Overburden: peat and gravel						3.0	C.L	18.5	20	0	1.5	1.0	67
3.2	13.5	47	4x		Dark grey/green fine grained non calcareous siltstone zone of broken and fractured core.	Shearing ? sub parallel to c/a					3.5	0	19.0	0	3.5	9.5	0.5	25
											4.0	C.L	19.5	0	3.5	5.0	0.3	20
											4.5	C.L	20.0	0	5.0	6.5	0.4	27
											5.0	5	20.5	2	6.5	8.0	0.5	33
											5.5	C.L	21.0	C.L	8.0	9.5	0.5	33
											6.0	C.L	21.5	0	9.5	11.0	0.1	7
13.5	25.0	74	3x		Dark grey/green fine grained non calcareous siltstone now with fine grained light grey sandstone bands.	Bedding 60° to c/a (? 55°) some shearing + disturbed bedding locally.					6.5	0	22.0	10	11.0	12.0	1.0	100
											7.0	C.L	23.5	15	12.0	12.6	0.6	100
											7.5	5	23.0	18	12.6	13.5	1.1	100
											8.0	4	23.5	10	13.5	14.5	0.9	90
											8.5	C.L	24.0	0	14.5	15.8	0.75	50
25.0	48.0	86	3f		Dark grey/green fine grained non calcareous siltstone now with limestone bands <10cm thick +/- bioclasts limestone bands more frequent after 32.1 m (more competent core).	Sheared, some bedding parallel. Bedding 55° to c/a Irregular bedding @ 31.2m					9.0	C.L	24.5	5	15.8	16.7	0.65	50
											9.5	0	25.0	11	16.7	18.0	1.0	77
											10.0	C.L	26.5	11	18.0	19.0	0.7	70
											10.5	C.L	26.0	5	19.0	19.6	0.5	83
											11.0	0	26.5	12	19.6	20.7	0.9	81
											11.5	0	27.0	C.L	20.7	22.1	0.7	50
											12.0	2	27.5	11	22.1	23.1	0.9	90
											12.5	0	28.0	5	23.1	24.8	1.3	76
											13.0	0	28.5	10	24.8	26.0	1.2	100
											13.5	8	29.0	14	26.0	27.5	0.9	60
											14.0	5	29.5	2	27.5	28.8	1.1	85
											14.5	4	30.0	15	28.8	29.5	0.6	86
											15.0	C.L	30.5	15	29.5	30.6	1.0	90
											15.5	5	31.0	12	30.6	31.6	1.0	100
											16.0	C.L	31.5	10	31.6	33.1	1.5	100
											16.5	0	32.0	0	33.1	35.0	1.9	100
											17.0	0	32.5	15	35.0	36.5	1.5	100
											17.5	0	33.0	7	36.5	38.0	1.5	100
											18.0	0	33.5	15	38.0	39.5	1.5	100

END OF HOLE 48m

(no Surveys)

Hole stopped due to flooding

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DRILL CORE LOG

SHEET No. 2 of 2

TENEMENT NAME Zoohan 1 No. 28188

AMG 364335E

CO-ORDINATES S 38° 6' 0" N AZIMUTH 198° DRILLERS DDIAS COMMENCED 28/3/96 DEPTH 48M HOLE No. DD962064

RL COLLAR 129M INCLINATION 60° DRILL TYPE U250 COMPLETED 2/4/96 CASING LEFT ..... DPO No(s) -

DEPTH m	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 .....)					
											DEPTH	VALUE	REC (g/m)	REC (%)	REC (m)	REC (%)
											32.0	15	37.5	40.7	1.2	100
											34.5	10	40.7	41.5	0.6	75
											35.0	15	41.5	44.0	2.5	100
											35.5	10	44.0	44.7	0.7	100
											36.0	21	44.7	45.7	0.6	60
											36.5	14	45.7	47.6	0.7	77
											37.0	12	47.6	48.0	0.4	100
											37.5	C-L				
											38.0	5				
											38.5	16				
											39.0	5				
											39.5	2				
											40.0	5				
											40.5	0				
											41.0	5				
											41.5	B				
											42.0	15				
											42.5	8				
											43.0	5				
											43.5	2				
											44.0	5				
											44.5	16				
											45.0	C-L				
											45.5	5				
											46.0	5				
											46.5	5				
											47.0	0				
											47.5	0				
											48.0	5				

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