ABMINCO N.L.
CLEVELAND MINE

CATEGORY: P/A

HOLE No.: C1411 REF No 18564

GENERAL DATA

Objective: HALLS LENS 18 LEVEL

Area of Operation: 18B NORTH Location: N SECTION

Collar R.L.: 118.597m Co-ordinates: 15462.231 N, 10992.039 E.

Bearing of Hole: 132° 33' 39" (132) Angle of Hole: +1° 48' 24" (+02) Final Depth: 34.75m

Drilling Commenced: 18-7-79 Completed: 23-7-79 Logged by:

DRILLING DATA

Drilled by: PHILPOTT Non Coring:

Drilling Rig: E500 Coring: AXT

Driller(s): B. LOVELL

Core Recovery:

HOLE SURVEYS

HOLE No.: C1411

NWPS 24164

23 505

ABMINCO N.L.
CLEVELAND MINE

CATEGORY: P/A

HOLE No.: C 1411

GENERAL DATA

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Area of Operation: 18 B NORTH Location: N SECTION

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Bearing of Hole: 132° 33' 39" (132) Angle of Hole: -1° 48' 24" (-02°) Final Depth: 34.75m

Drilling Commenced: 18-7-79 Completed: 23-7-79 Logged by:

DRILLING DATA

Drilled by: PHILPOTT Non Coring:

Drilling Rig: E 500 Coring: AXT

Driller(s): B. LOVELL

Core Recovery:

HOLE SURVEYS

HOLE No.: C1411

NWPS 24164

HOLE No.: 1411

SAMPLE DATA

SHEET No.: .....

LENS	SAMPLE No.	ROCK TYPE	≥	INTERVAL		Length (L)	Assays (A)				Product (A x L)			
				From	To		% Snt	% Sns	% Cu		P. Snt	P. Sns	P. Cu	
	122295	LODE		18.44	19.02	0.58	1.02		1.20					

N.W.P.S.

SHEET No. :

SAMPLE DATA

HOLE No. : 1411

LENS	SAMPLE No.	ROCK TYPE	Σ	INTERVAL From	INTERVAL To	Length (L)	Assays (A) % Snt	Assays (A) % Sns	Assays (A) % Cu	Product (A x L) P. Snt	Product (A x L) P. Sns	Product (A x L) P. Cu
	41295	Lode		18.44	19.02	0.53	1.02	[illegible]	1.20			

ABMINCO N.L. - Cleveland Mine

Hole No. C1411

Sheet No.

DIAMOND DRILL HOLE DATA

	PROGRAM DATA			SURVEY DATA				INTERPOLATED DATA		
				Instrument Type	Depth	Dip	Azimuth	Depth	Dip	Azimuth
1	Attitude	+	(+) (-)	SURVEY	∅	-1¾	132½	17	-2	132½
				CAMERA	34m	-23°	—			
2	Hole No.	1411								
3	Down Hole Interval	34·75								
4	Collar Co-ords.	15462·231	N							
5		10992·039	E							
6	Collar R.L.	118·597								
7	Halls Sect.	15563·263	N							
8	Intersect Point N	10880-6	E							
9	Battery Sect.	15409·213	N							
10	Intersect. Point FA	10858·117	E							
11	Start Plot (Depth)	∅	∅ = Collar							

DOWN HOLE PLOT

Hole No: C 1411

Sheet No:

	PLAN			CROSS SECTION		LONG SECTION					PLAN			CROSS SECTION		LONG SECTION		
DEPTH	N	E	RL	Dist.from H.R.P.	Dist.from B.R.P.	Dist. from Halls	Sect. N	Dist from Batt.	Sect. PA	Depth	N	E	RL	Dist.from H.R.P.	Dist. from B.R.P.	Dist from Halls	Sect.	Dist from Batt
ϕ	15462.23	10992.04	118.60	150.42	125.96	0.20		103.14										
34.75	15438.77	11017.64	119.81	185.15	158.12	0.07		90.02										

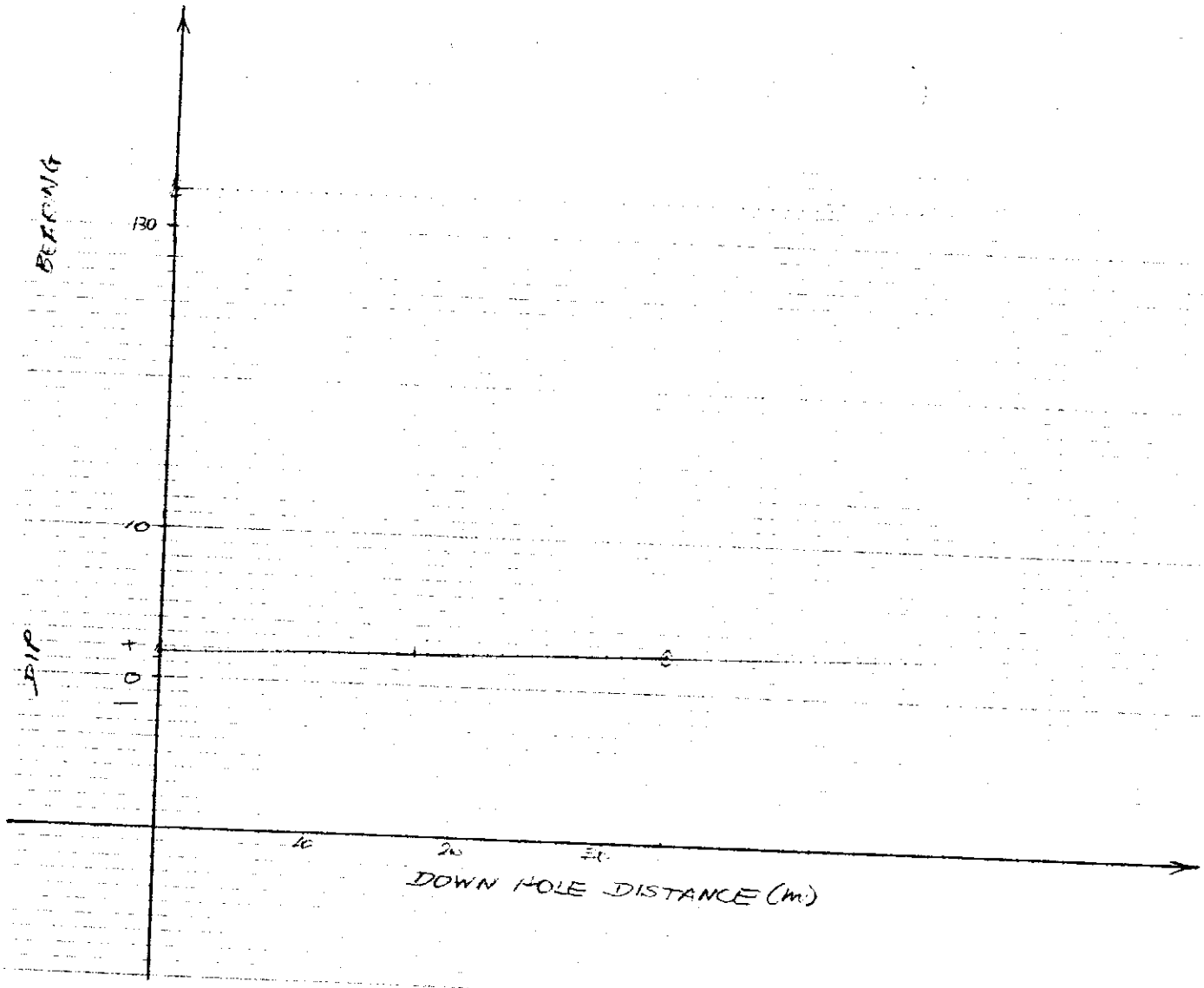
ABERFOYLE **DIAMOND DRILL LOG** **HOLE Nº** 1411 Page Nº 2

Feature Bedding, Foliation, Fragment (size & shape), Shearing, Fault, Vein (c carbonate, q quartz)

Mineralization Trace 1-5% Common 5-15% Abundant 15-60% Massive >60%

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
3.25	0.10	SST - medium grained massive mid grey in colour, fg abundant c mica - fine interstitial carbonate. contact sharp 40°							
	2.54								
1.90		SILTSTONE - fine grained massive grey brown to brown, locally carbonate spotting common. locally foliated.							
	4.16								
2.30	5.00	SST - m g. fg, mica & ss — mid grey in colour. SILTSTONE Fine grained brown to grey and grey/brown massive slide - fine carbonate spotting. locally weakly foliated. contact. 45°							
	7.79								
	9.26	SST - m g. bleached bar fg, ss.						9.10	FAULT 80° toc A. Thin 1mm.
2.50		SILTSTONE Fine grained massive grey to grey brown locally siliceous - locally carbonate spotting developed Contact 65°							
	11.32								
	11.87	SST. - m g. mid grey to brn/grey massive fg ss.							
3.04		SILTSTONE Massive fine grained slide with colour varying from pale grey to grey brown to brown - locally fine shady dust, weakly foliated, and siliceous. contact not defined							
1.30	15.00								
	15.22	SST Massive medium grained fg mica feldspar ss. varying in colour from mid grey to brown. Very minor carbonate veining							
1.48								17.50	Thin FAULT. 15° toc A.
	17.24								
	18.46	SILTSTONE/ARGILLITE - fg, bn Slide and grey with dust							
2.48		LODE - 10% sulphides, mainly fg, disp in a fg, carbonate clayey slide gouge.							Py 7%, Cpy 2%, Sph 5% Chl 10%, Hem 5%, Quartz 5%
	19.93								
0.49		SILTSTONE Massive fine grained slide varying from dark grey to brown in colour Extensively bleached proximal to Fault., partially silicified. fine scale fractures & joint filled with carbonate are common. Contact 80° toc A.							FAULT ZONE 20.68-20.83 fg, carbonate healed, siderite. 45° toc A.
	20.00								
3.04									
3.20									
3.10									
	30.03							30.85 30.90	FAULT, fg, carbonate 2cm. 50° toc A chl, fg, carb vein c cuss?
2.98									
	32.13								
2.13		BASALT - Massive fine to medium grained greyish green in colour. Abundant fine fractures containing sulphides chlorite segregations and carbonate veins common							
	34.75								

Logged A. Eadie 28/8/79.


BEARING
130
10
DIP
+
0
—
40
20
30
DOWN HOLE DISTANCE (m)