



ABMINCO N.L.
CLEVELAND MINE

CATEGORY

P/A

HOLE No. : C1411

GENERAL DATA

Objective : HALLS LENS 18 LEVEL

Area of Operation : 18 B 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" (+020)

Final Depth : 34.75 m

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

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 | ∅ | -1 ³ / ₄ | 132 ¹ / ₂ | 17 | -2 | 132 ¹ / ₂ |
| | | | | CAMERA | 34m | +2 ¹ / ₂ ° | — | | | |
| 2 | Hole No. | 1411 | | | | | | | | |
| 3 | Down Hole Interval | 34.75 | | | | | | | | |
| 4 | Collar | 15462.231 | N | | | | | | | |
| 5 | Co-ords. | 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. | 15408.213 | N | | | | | | | |
| 10 | Intersect. Point FA | 10888.117 | E | | | | | | | |
| 11 | Start Plot (Depth) | ∅ | ∅ = Collar | | | | | | | |

Feature

Bedding  Shearing 

Foliation  Fault 

Fragment size & shape  Vein 

c carbonate
q quartz

Mineralization

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

| CORE RECD | DEPTH m | GEOLOGY | VISUAL LOG | TRACE | COMMON | ABUNDANT | MASSIVE | DEPTH m | MINERALIZATION |
|-----------|---------|---|------------|-------|--------|----------|---------|---------|---|
| | 0.10 | SSS | | | | | | | |
| 3.25 | 2.54 | SSS - medium grained massive mid grey in colour. Abundant mica fine interstitial carbonate. Contact sharp 45° | | | | | | | |
| 3.35 | 4.16 | SHALE - fine grained massive grey brown in colour. fine carbonate spotting common. locally weakly foliated. | | | | | | | |
| 5.18 | 5.20 | SSS - m.g. feldspar ss. - mid grey in colour. | | | | | | | |
| | 7.78 | SHALE - fine grained brown to grey and grey brown massive shale - fine carbonate spotting. locally weakly foliated. contact. 45° | | | | | | | |
| 7.92 | 8.26 | SSS - m.g. bleached tan fgy. ss. | | | | | | 8.10 | FAULT 40° to E.A. thin 2mm. |
| 2.50 | 10.20 | SHALE - fine grained massive grey to grey brown locally siliceous - locally carbonate spotting developed. Contact 65° | | | | | | | |
| 10.67 | 11.32 | SSS - m.g. mid grey to tan / grey massive fgy. ss. | | | | | | | |
| 3.04 | 11.87 | SHALE - massive fine grained shale with colour variations from pale grey to grey brown to brown. locally fine sandy clay, weakly foliated, and siliceous. contact not defined | | | | | | | |
| 14.94 | 15.00 | | | | | | | | |
| | 15.22 | SSS - massive medium grained fgy, mica feldspar ss. varying in colour from mid grey to brown. Very minor carbonate veining. | | | | | | 17.50 | Thin FAULT. 15° to E.A. |
| 16.76 | 17.28 | | | | | | | | |
| | 18.44 | SHALE - f.g. tan shale and grey with clay. | | | | | | | |
| 2.48 | 19.02 | LOBE - 10% sulphides, very fgy. clay, 20 in a fgy, carbonate clay shale gabbro. | | | | | | | py 71, cl py 21, fpy 11% - fgy 50% carb 30%, tour 5%, flu 5% |
| 19.51 | | SHALE | | | | | | | |
| 20.42 | 20.00 | Massive fine grained shale varying from dark grey to brown in colour. Extensively bleached proximal to Fault, partially silicified. | | | | | | | FAULT ZONE 20.68-20.83 fgy, carbonate bleached, indite. 45° to E.A. |
| 23.47 | 3.20 | Fine scale fractures or joint filled with carbonate ore common. | | | | | | | |
| 26.56 | 3.10 | Contact 80° to E.A. | | | | | | | |
| 27.26 | 30.00 | | | | | | | 30.85 | FAULT, fgy, carbonate 2cm, 50° to E.A. chd, fgy, carb vein c cross? |
| | 2.98 | | | | | | | 30-30 | |
| 32.61 | 32.13 | BASALT - massive fine to medium grained greyish green in colour. Abundant fine fractures containing oxidized sulphide. Chlorite segregations and carbonate veins common. | | | | | | | |
| 2.13 | 34.75 | | | | | | | | |
| 34.75 | | Logged A. Eadie 28/3/79. | | | | | | | |