

CYPRUS ANVIL MINING CORPORATIONDIAMOND DRILL CORE LOG

018122

Hole Number: 78-NA-04 Fabric Orientation Diagram:Project: North Anvil Range Joint VentureLocation: Irma GroupClaim: Irma No. 9Terr. Plane
Co-ords.: _____ N

_____ E

Grid
Co-ords.: 8E, 7+50NInclination: VerticalAll symmetry determinations looking
_____ NW with _____ dipping

Elevation: _____ with dip azimuth _____.

Total Depth: 159.4 mPurpose: To test coincident gravity and I.P. anomalies.Logged by: J. G. SimpsonDate(s) Logged: 10 July, 1978Drilling Contractor: Arctic Diamond Drilling Core: Size From To Collar Cased
and Capped: _____

_____ BO _____ 0 _____ 159.4

_____Started: 22 July Completed: 28 July

SUMMARY LOG

DDH 78-NA-04

<u>Metres</u>			
0.0 - 16.2			Overburden clay and boulders.
16.2 - 25.6			Overburden gravel.
25.6 - 31.1	9H0		Medium to coarse-grained greywacke.
31.1 - 31.5	9H0		Fault breccia in greywacke.
31.5 - 33.2	9H0		Medium-grained greywacke, ill-sorted.
33.2 - 47.3	9H1		Fine-grained siliceous greywacke, first 3m sedimentary breccia. Graded bedding apparent 34m - 40° dip, 42.6m - 30° dip. Probable Triassic age. Occasional blue quartz grains suggest deviation from Hadrynian Grit Unit.
47.3 - 47.9	9H1		In situ contemporaneous sedimentary breccia of fine to medium-grained greywacke.
47.9 - 50.0	9H0		Medium to coarse-grained greywacke. Minor amounts of scattered pyrrhotite may be cause of I.P. anomaly.
50.0 - 61.3	9H1		Fine-grained cherty greywacke, bedding undulating parallel to core axis. 53.4m - 15° bedding dip.
61.3 - 70.0	9H0		Coarse to medium-grained greywacke, sedimentary brecciation on all scales visible, bedding 15-20° dip. Very minor scattered pyrrhotite and pyrite grains.
70.0 - 78.0	9H1		Fine-grained chert greywacke, with variable bedding angles, probably result of disoriented large breccia blocks.
78.0 - 99.0	9H0		Medium to coarse-grained greywacke at 95.8m, bedding 40°-50° dip.
99.0 - 101.9	9C2		Graphitic chert, TURAM and I.P. CONDUCTOR. Bedding 50° dip.
101.9 - 109.5	9H0		Coarse to medium-grained greywacke, large breccia blocks.
109.5 - 112.4	9H1		Fine-grained, well-bedded greywacke with incipient chert bands, bedding at 111.0m - 60° dip.

<u>Metres</u>		
112.4 - 140.0		Medium to coarse-grained greywacke with sedimentary brecciation apparent. 126.0m - bedding 10° dip.
140.0 - 143.2	9H1	Fine to medium-grained greywacke, bedding at 142.9m - 40° dip. Scour and fill with rip-up clasts evident. Graded bedding indicate tops up.
143.2 - 153.6	9H0	Medium to coarse-grained greywacke. Bedding 60° dip.
153.6 - 156.0	9H1	Fine-grained greywacke, 155.5m bedding parallel to core axis.
156.0 - 159.4	9H0	Medium to coarse-grained greywacke.

END OF HOLE.