015583

IRMA N/A.

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 78-NA-04

Fabric Orientation Diagram:

Project: NORTH ANVIL RANGE JV

Location: IRMA GROUP

Claim: IRMA #

Terr. Plane Co-ords.: ______ N

______ E

Grid Co-ords.: 8 E , 7+50 N

Inclination: VERTICAL.

All symmetry determinations looking NW with ______ dipping ______ with dip azimuth ______.

Elevation: ______

Total Depth: 159.4 m.

Purpose: TEST COINCIDENT GRAVITY & IP ANOMOLIES.

Logged by: J.G.S **Date(s) Logged:** 10 JULY 78.

Drilling Contractor: ARCTIC

Core: Size	From	To
BQ	0	159.4

Collar Cased and Capped: ______

Started: 22 JULY **Completed:** 28 JULY

CAROLYN N B no structural key to this core.

9C2

DDH 78-4 Cyprus Anvil Mining Corp.

Lithologic Log

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Logged By: J.G.S.

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
	100	1116 2	11	101B	Overburden dry and boulders
	1116 2	1215 6	12	101B	Gravel
	1215 6	1311	13	9|M|0	Medium to coarse grained greywacke
	1311	1311 5	14	9|M|1	Fault breccia in greywacke
	1311 5	1313 2	15	9|M|0	Medium-grained greywacke ill sorted.
	1313 2	1417 3	16	9|M|1	Fine grained siliceous greywacke, first 3m sedimentary bx in. Graded bedding apparent 34m - 60° to C.A., 42.6m - 60° to C.A.
	1417 3	1417 9	17	9|M|1	- in situ contemporaneous sedimentary breccia of f.m. grained greywacke
	1417 9	1500	18	9|M|0	Medium coarse grained greywacke
	1500	1613	19	9|M|1	Fine grained dark greywacke, bedding undulating parallel to C.A.
	1613	1710 0	110	9|M|0	Coarse m. gr greywacke, sedimentary brecciation on all scales visible. bedding 75° C.A.
	1710 0	1718 0	111	9|M|1	Fine grained dark greywacke, with variable bedding angles, probably result of disoriented large breccia blocks.
	1718 0	1919 0	112	9|M|0	Medium to c. grained greywacke at 95.8m bedding 50° to CA.
	1919 0	1101 9	113	9|C|2	Graphitic dark TURAM & IP CONDUCTOR.
	1101 9	1101 9 5	114	9|M|0	Coarse to m grained greywacke, large breccia blocks.
	1101 9 5	1112 4	115	9|M|1	Fine grained well bedded greywacke with incipient dark bands. bedding at 111.0m - 30° to CA.
	1112 4	1140 0	116	9|M|0	Medium c. gr greywacke with sedimentary brecciation apparent.
	1140 0	1143 2	117	9|M|1	Fine to m. gr greywacke, bedding at 142.9m - 50° to CA.
	1143 2	1153 6	118	9|M|0	Medium to coarse grained greywacke
	1153 6	1156 0	119	9|M|1	Fine grained greywacke 155.5m bedding 11-CA.
	1156 0	1159 4	120	9|M|0	Medium to c. grained greywacke
					END OF HOLE.

DDH 78I-0[illegible] (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

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Logged By: [illegible]

Code	From (meters)	To (meters)	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	100	125.8	1	#	O/B
L	125.8	198.9	2		Lt. med. gray brown, massive, non-calcareous fine to med. grained, siliceous sandstones and graywackes of probable Triassic age as seen in outcrop east of Dava, north of Dava. Unit is thus to mod. bedded and graywacke bands commonly show "rip-up" clasts of med. gray, massive argillite or shale. Well developed graded bedding not common thru sequence. Occassionally lithic grits grains & clasts seen in graywackes suggesting derivation from Hadrynian grit unit to N and NE. This may be provenance area. Also see moderate amounts of disseminated po, minor cp and v. minor Pbs thereby accounting for IP response over unit. No top indicators seen over this interval viz.: scours & fill structures, graded beds cross bedding, intraclastic clasts etc.
L	198.9	210.9	3		M to med. dk gray, non-calc, carbonaceous, poorly bedded argillite to shale. Unit is very fine grained, poorly to unbedded, unfoliated and moderately hard (siliceous?). One py concretion noted
L	210.9	210.9	4		As unit 2
L	210.9	211.0	5		Well bedded, lt. med gray, non-calc. sandstone band in graywacke sequence. Scour and fill, rip-up clasts in overlying beds & graded bedding indicate tops up i.e. sequence upright
L	211.0	215.9	6		As units 2 and 4; lt med. gray brown, thinly to med. bedded graywackes and coarse grits of lt. clastic phase on Tay River valley. Siliceous matrix & number of polygranular quartz clasts strongly suggests derivation from Hadrynian grit unit to N

DDH 28E-0[illegible]

Cyprus Anvil Mining Corp.
Structural Log

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Logged By: RSJ

Code	From	To (meters)	Feature	Sym	S_0 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		134 1			310		
S		142 3			25		
S		149 0			10		
S		153 4			15		
S		158 9			210		
S		165 7			210		
S		172 3			175		
S		177 1			510		
S		182 8			615		
S		188 8			710		
S		195 7			510		
S		1102 9			612		
S		1099 9			612		
S		120 2			410		
S		1260 0			110		
S		1296 0			310		
S		1320 0			615		
S		1430 0			410		
S		1517 7			410		