

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: KA7444

Reference Fabric Orientation Diagram:

Project: VANGORDA PLATEAU REMAP

Location: VANGORDA PLATEAU

Claim: ELLEMAY 3

Terr. Plane Co-ords.: 6903892.203 N

CAMC MINE SURVEY 593847.516 E

Grid Co-ords: 12+00N / 12+00W

Elevation: 1219.423 m

All symmetry determinations looking

Total Depth: 346 ft

NW with S2 dipping

Inclination: -90°

SW with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: GAS/LCP

Date(s) Logged: July 24/84

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
<u>BQ</u>	<u>0</u>	<u>346'</u>	

Hole Cemented: _____

Steel down hole: _____

Started: Oct 1/74 Completed: Oct 3/74

FEET

DDH KA74A.44
2 8Cyprus Anvil Mining Corp.
Lithologic LogPage 3 of Date: July 24/84 Logged By: GAL/CEP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	10	13		1	#	Overburden - Triconed no core
L	13	15		2	#	Cored granitic boulders
L	13	110		13	15TA11	9 v. minor Mod. hard to med soft locally, dk grey to black, P52 fltd, non-siliceous, carbonaceous phyllite v. minor granular qtz - po > py bands and minor qtz-sulphide blebs along fltr - presum disrupted bands. Only locally compas. striping 11 52 Total sulphides ~1% 35-88 v. broken & pulver chipping / 88-105 med. broken Recov ok except 5' missing 73'-88'. No faults - only top of hole problems 8" qtz-calc-chlorite vein at EOT - 11 52
L	110	1113		14	15TA131	±1 Mod. hard to med soft, dk grey to black, strongly calc, P52 fltd w/ locally strongly lichenoid phyllite. Short sections resemble above phyllite. Short sections w/ well developed qtz-calc bands resembling 5B Mod. broken - recov OK 1.5' qtz vein at 108.5-110' Minor po & py in granular qtz-calc bands. lot of carbonate weathers orange brown to orange tan - ferrous calcite? ** Short sections resemble 4A. Bands finer & not as coarse-grained. More resembles siltstone than 4A qtz-sulphide bands. Locally resemble stringers in 4L/364 types - probably convergence
L	111	115		15	5D101	Mod grey green, fairly homogeneous metabasite w/ qtz-calc bands Colour grey for usual 5D Intact

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28			30
L	11115	11116							16	15B1612	→ 5A6 Dk grey to black, med - ft, noncalc, carbonaceous phyllite. P52 flint. Sharp S2'11 contact w/ 5D S2 anomalously steep & crumpled. Core rubble - minor fault probably
L	11116	1120							17	14A171	± # Typical 4A textures w/ po as sulphides. One small sphal-rich band - otherwise barren. Top unit is hard to med hard carbonaceous phyllite w/ minor qtz bands - resembles overlying unit. - Transitional into 4A. Med broken, local rubble. Total sulphides 15% - overwhelmingly po
L	11210	11513							18	14K117	6 weak ± 5 [4C7 green ± 5] Hard to med. hard to locally med. soft where phyllitic. Generally noncalc - locally calc.-bearing. Light greenish-grey to light grey to light greenish cream. po-bearing phyllite. Qtz-musc-chlorite phyllite w/ sections of qtz-musc phyllite. About 15% diss po w/ short sections - 20-30cm - w/ 60% po. Sulphides vaguely banded - locally have calc frags floating in sulph-rich zones & diss. calcite in qtz-po bands. At least 70% noncalc. S2 folia med silvery greenish grey to light grey to cream. Not as chloritic as 4667 and more siliceous. Some intervals resemble 4C7 but folia are distinctly green tinged. Resembles these sections in upper horizons of 6rum - but probably a 4K rock type. Split/orig intact / recov OK

4" section v.
calcareous w/
cc. in bands -
similar to unit
4 w/ sulphides.

Code	From	To	Recov.	No.	Unit	Description
L	11513	11740		19	4A7	→ (4A0 ± 7) 90:10 Overall sulphides 10% w/ some 5% sections. Grade < 1%. Entire unit rather chippy - esp. top 10'. Locally has med. soft black folia rather than hard bluish grey folia - these intervals are more paker chippy. N.B. scaling w/ 4A transitional in 5A9 locally - or is it 4A w/ less complete silicification overprint. Interval split - orig intact - recov. good
L	11740	12118		110	3G101	± 3 ± 9 Med. soft to soft, CS2 fltd to PS2 fltd, med grey green to dk grey, generally non-scale - locally calc. bearing phyllite. In detail med grey to dk grey soft micaceous phyllite intercalated w/ short sections quartz-chlorite (?) similar to 3G in DDH F664007. Bands on scale few mm to 20 cm. Quartz bands finely laminated 1151 & former locally good microlithon structure. 5% of bands contain minor calc. Overall appearance of 3G. V. minor py & some po TOI-198.5 mod. broken / 198.5-212 v. broken to paker chippy, minor rubble / 212-216 intact / 216-End mod broken to paker chippy Recovery OK.
L	12118	12666		111	4K161	7 minor bio ± # → (4K17 ± # ± 6 weak) (4K17 ± 6 weak) Mod. hrd to locally med soft, variably calcareous, med greenish grey, green & brn tinged, qtz-chlorite-biot-musc phyllite. S2 folia silvery green, brn-tinged grey. Many irregular filled stringers/bands of qtz-chlorite-biot-some po. lightens down section - decrease in chlorite by 240' - rock approaches musc-bio quartz w/ light silvery grey folia w/ some cream off-white folia. where light coloured in lower part of unit - 5-10% diss po / some py below

Split 245-202.
Intact

242'

Sulphides diss in bands/stringers & Bands/stringers have variable amts of calcite. lower rock interval has 2 rock types weak chlorite & another w/ no chlorite at all. Progressive chlorite too. Similar to the 4K higher in the DDH.

Code	From	To	Recov.	No.	Unit	Description						
I	10	14	16	20	22	24	26	28	30	34	35	
L	121616	12905		112	1316B	Mod. hrd to mod. soft, med greenish gray to gray green, noncalc, PSZ to finely CSZ filled phyllite. Silvery greenish gray 5% folia. This soft noncalc phyllite intercalated w/ harder fine fine greenish chlorite(?) - actinolite(?) qtz bands often siltstones(?) No stringers Intact TOE - 284 / 284-EOT mod broken intact Minor rubble No sign faults.						
L	129105	129180		113	1316B	± 3 stringered weak Same rock as above w/ small proportion calc in qtzose bands Also distinct qtz-chlorite - po ± calc stringers / banding Intact - mod. broken - local minor rubble - recov. OK						
L	129180	131100		114	13164B	Noncalc, mod soft to soft, light creamy green, PSZ filled phyllite light green to greenish cream 5% surfaces. Grades into surrounding units Slight bleaching of these units Mod broken to locally rubble w/ minor gouge - may be related to part D2 fracture 45° CA in center of unit lighter colour overall.						
L	131100	131340		115	1316B	Same as Unit # 12. 5% 52 foliiform qtz-chlorite veins. 2-20 cm thick Noncalcaceous						
L	131340	131410		116	151C1#1	± # minor "leopard Rock" (36B) 80:20 Dk green chloritic folia between light white to tan qtz-calc ± calc patches Typical of leopard Rock - highly foliated						

360 335-336' and 338-339'

DIAMOND DRILL RECORD

LOGGED BY Stanley B. Reamsbottem

D.D.H. No. A - 44

PAGE 1 of 2

PROPERTY Vangorda Mines Option - AEX Minerals Corporation

LATITUDE 12 + 00 N BEARING OF HOLE _____ STARTED Oct. 1/74

(11 + 45.6)

DEPARTURE L 12 +00 W DIP OF HOLE Vertical COMPLETED Oct. 3/74

ELEVATION 3992 A.S.L. DIP TESTS _____ DEPTH Ultimate: 346 (105.46m)

519 P.A. Topog.

CLAIM No. ELLEMAY 3

DIRECTION AND DISTANCE FROM

NE. CLAIM POST



FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay				Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
0	35	OVERBURDEN - Granitic boulders														
35	120	BLACK QUARTZ GRAPHITIC PHYLLITE. Thin white quartz-feldspar laminae (1 mm) define F ₂ folds. Good F ₂ foliation. F ₁ subvertical. Rocks rusty to 99'; limonite after pyrite. Note fine grained sphalerite-pyrite in stringers in foliation at 88'. Core angles: 40' = 40°; 60' = 65°; 80' = 70°; 100' = 76°; 120' = 70°	2/11	--	35	46	--									
			5/10	--	72	82	--									
				--	82	120	--									
120	153.5	SULPHIDE ZONE IN WHITE QUARTZ-SERICITE PHYLLITE. Thin bands of pyrrhotite, with minor sphalerite, chalcopyrite. 5 - 8% pyrrhotite, Grade 1 - 3 lead-zinc. Note sericite phyllite has abundant tension gashes which are infilled with pyrrhotite, chalcopyrite. Core angles: 140' = 75°; 160' = 68°; F ₂ folds	10/10	217	120	130	10	.28	.49	.15						
			10/10	218	130	140	10	.09	.20	.09						
			10/10	219	140	150	10	.13	.26	.09						
153.5	174	DARK GREY BLACK, STRIPED MINERALIZED QUARTZ GRAPHITE PHYLLITE. Pyrite, pyrrhotite bands in F ₁ . Minor chalcopyrite, sphalerite, 3 - 5% sulphide. Lesser amount of tension gashes with chalcopyrite etc. Core angle: 170' = 75°.	10/10	220	150	160	10	.25	.22	.12						
			7/7	221	160	167	7	.15	.17	.06						
			7/7	222	167	174	7	.10	.33	.09						
174	220	DARK GREY STRIPED QUARTZ-SERICITE-CHLORITE PHYLLITE. Thin (1 mm) white quartz-feldspar laminae altering with dark grey micaceous laminae. Green chlorite stringers. Minor pyrite. Core angles: 180' = 80°; 200' = 66°; 220 - 75°		--	174	220	--									
220	267	PALE GREY-GREEN QUARTZOSE, SERICITE-CHLORITE PHYLLITE which is mineralized between 230 - 267'. Rock very quartzose, has peculiar dark bottle green chlorite in discrete F ₁ layers. Good F ₂ folds. Mineralized: Bands, layers of pyrrhotite, in F ₁ , with minor blebs of chalcopyrite, and fine grained galena, sphalerite. Note quartz vein with arseno pyrite at 236; 5% pyrrhotite: 1 lead-zinc. Core angles: 240' = 80°; 260' = 67°.	10/10	--	220	245	--									
			5/5	224	255	260	5	.17	.16	.03						
			6.5/6.5	225	260	266.5	6.5	.33	.16	.15						

