

CYPRUS ANVIL MINING CORPORATIONDIAMOND DRILL CORE LOGHole Number: KA 73A 03

Fabric Orientation Diagram:

Project: VANGORDA PLATEAU REMAPLocation: VANGORDA PLATEAUClaim: CHAMP #3Terr. Plane
Co-ords.: 6904270.0 N592254.0 EGrid
Co-ords.: 16+005 / 36+00W-90°Elevation: 1180.0 metres

All symmetry determinations looking

_____ with _____ dipping

_____ with dip azimuth _____.

Total Depth: 648 ft = 197.5 m.Purpose: ASSESSMENTLogged by: LCP / G.A.J. Date(s) Logged: _____Drilling
Contractor: _____ Core: Size From To Collar Cased
and Capped: _____*Overburden*
*0.0 - 27.4m*Started: SEPT 21 / 1973 Completed: SEPT 25 / 1973

DDH K.A.7.3.A.03
2 8

Diamond Drill Core Log

Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E
I	2 8 10 16 17 24 25 32 34 39 41 42					
T	K1A73403	1118.00	904270.10	592254.10		512

[illegible][illegible]

DDH 2473403
2 8Cyprus Anvil Mining Corp.
Lithologic LogPage 3 of Date: Logged By:

Code	From	To	Recov.	No.	Unit	Description					
	10	14	16	20	22	24	26	28	30	34	35
L	0	8.90		1	#	no recvy					
L	8.90	9.00		2	#	granite pebbles					
L	9.0	9.7		3	360	soft non calc ps ₂ fol. in green grey phyllite - grey s ₂ folia breadth rusty brown - poker chippy recvy ok - strongly weathered					
L	9.7	14.3		4	3692	^{±6 minor} → 3E2 ±6 minor mod soft to med hard ps ₂ foliated indk grey to dk grey to black non calc phyllite - moderate "dote" flash minor fg py dissem in gtrase bands and as streaks on s ₂ 97-121 poker chippy to rubbly recvy ok } no signif 121-143.8 m broken rubbly recvy ok } faults					
L	14.3	15.6		5	3691	±3 mod soft med hard dk grey to black ps ₂ fol. phyllite - with minor calc bands < 5 cm thick (less than 5% of unit) rx locally slightly banded in shades of grey intact - locally med broken - no faults					
	15.6	16.5		6	3639	minor mod soft - med hard m. dk grey very calc - finely xln sl. carbonaceous ^{med} interbanded with dk grey calc phy - banding on mm to 10's of cm - slight brown/green development in calc bands - generally banded if s ₂ local lithous					

Intact

probably
close
to
3E/SA

DDH KA73A°3
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Lithologic LogPage 4 of _____
Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16 20 22 24 26 28 30 34 35					
L	165	187		7	3639	minor med soft to med hard dk grey to black comp banded phyllite - micaceous phyllitic bands intercalated with f.g. tan weath gtz calcite on a scale of mm + excellent D ₂ folds developed. - 30-50 cm band rich sections alternating with not banded sections - 30-40% calcareous overall. lighter than unit <u>5</u> darker than <u>6</u> intact, recvy OK
L	187	188		8	36913	BXA soft calc - ~~chre~~ coherent flt Bxa - dk grey - one band of SD49 py - internal @ 45° to CA lower 11 S ₂ - intact!
	188	370		9	51A119	minor (SD6) tr. dk grey to black hard to very hard ps ₂ foliated minor coarse grained gtz py bands generally 11 S ₂ (similar texture to 4A) local small blk chert nodules - strong "dolo flash" SD = 3" band at 192.5' 188-260 hard but can be scratched with nail 260-292 very hard difficult to scratch nail slips off 292-370 hard but can scratch - nail leaves groove in core with effort. Intact but for minor broken rubble zones as at 324-338 = 1' recvd. and 366-370 = rubble recvy ok. minor fault Bxa recvd in this interval. internal ~ 45° to CA

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Lithologic LogPage 5 of Date: Logged By:

Code	From	To	Recov.	No.	Unit	Description
I	10	14 16	20 22 24	26 28 30	34 35	
L	370	414		10	360	±3 trace mod soft to soft med. grey, ps ₂ foliated generally non calc phyllite - slight S ₂ 11 color banding in greys - upper 10' weathers red brn. along S ₂ - minor thin calcite bearing bands. upper contact crackle bxd - may be a minor fault contact. quartz veins with chl selvages amount to 5% of unit in contrast to units above which have essentially none. mod. broken to intact recvy ok
L	414	420.5		11	369	(3693) 80:20 mod soft to mod hard to hard ps ₂ foliated finely, xly carbonate calcite mbl - locally with lithons - has thin black phyllite bands both soft and hard and non calc to variably calcareous lithons some having green + brown mineral (crist + bio!) intact.
L	420.5	444		12	369	±3 ± c.s. minor ± bio minor moderately hard, med dk grey to dk grey, ps ₂ foliated phyllite - contains numerous grease bands locally with dissem actinolite, grease bands locally calc. - in detail has fine lithon texture in grease bands - overall unit is homogeneous, py filling fractures ps ₂ is flattened elongate irregular purple 420.5-422 = rubble gorge + fault breccia internal foln ~ 50° 442-444 = intact

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
L	4570	4670			113	3691	calc sil ± bio (1000) 90:10					
							similar to last unit - gneiss bands with c.s(green) ± bio					
							(bio) can see lithon text but non calc - dk grey					
							ToI - 459 = intact to mod broken					
							459 - 462 mod bkn to pucker chippy assoc. with 1000					
							462 - FOI intact					
L	4670	4785			114	3691	calc sil ± bio ± 3					
							mod soft to mod hard - dk grey carbonac phyllite with					
							numerous gneiss bands with green (calc-sil) ± biotite,					
							gneiss bands also variably calcareous					
							unit becomes harder near FOI					
							gneiss bands in dark, homog, non calc phyllite					
							intact					
L	4785	5220			115	3691	± 1					
							dk grey to black, psz fol, hard (with soft intervals in upper					
							part of unit), thin so dissem bands of xcutting fracts					
							with po & py, non calc., 1-2% to 5% less than usual					
							SA19 or SA19 minor)					
							intact to 515					
							515-521 = 2.5' rubble recvd. interval rich in 1000 fringes -					
							some shivered ph. rec. v. mod. upper & lower 1000 interval					
							~ 70° to CA??					
							521-522 intact					

DDH KA73A03
2 8Cyprus Anvil Mining Corp.
Lithologic LogPage 7 of Date: Logged By:

Code	From	To	Recov.	No.	Unit	Description
I	10	14 16	20 22 24	26 28	30 34 35	
L	1522	1532		116	3G19	minor calc sil-bio (3B3[3D037]) 90:10 mod hard to hard, dk grey, non calc phyllite with grose bands containing bio & calc sil forming fine lithon texture. - upper portion of unit is 1.5' of slightly calc lighter colored ^{v. siliceous} phyllite that could be veins At 527' is 1' of v. dk green ^{ps2} (to fine ^{cs2}) foliated calc phyllite either calc sil or metabasic rock & seems to have carbonaceous folia intact
L	1532	1541		117	3F9	(3G193) 80:20 same phyllite as last unit - grose bands have minor calc interlayered with dk grey to black finely xln calc. mbd locally with green (act?) & brown (bio) dissem possible 1/4" - 1/2" thick buff(?) sand 115' at 583' intact
L	1541	1592		118	5A119	minor similar to unit 9 - exhibits dol. flash. both po & py dissem with gte along ^{fractures} ₅₂ , po >> py Not as much ^{former} grose bands as unit 9 rather sulphidic are dissem in finer grose bands, po mobilized into x cutting fractures only a few % total sulphidic - enough to be readily visible in every piece. intact

+ altm filled
by D2

DDH KA 73403
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Lithologic Log

Page 8 of

Date: Logged By:

Code	From	To	Recov.	No.	Unit	Description						
I	10	14	16	20	22	24	26	28	30	34	35	
L	59.2	60.1		19	3F9.6	(SA19) 90:10 finely banded finely xln mbl in grey to dk grey interlayered with ^{hard} dk grey to black ^{non calc} silic. phyllite on cm ^{to meter} scale. minor thin streaky py ps in mbl. - local calc s.l. + bio intact						
L	60.1	61.65		20	SB10	B10+calc sil ±2 gets lighter less carbonate down hole - pink grey to purplish brown very strong bio last 2' of unit - carbonaceous content decreases away from mbl. bio rich section only slightly calc intact						
L	61.65	62.1		21	SD10	B10 in. dk green with dissem pale pink porphs and minor irregular etc calcite bands - minor bio developed patchily in matrix - homogeneous looks like higher met grade SDO						
L	62.1	64.3		22	SB0	B10+calc sil calc lam phyllite with well developed rutile in phyllitic bands - calc sil green ± bio developed in granular bands - good cov. with texture - resembles some rx near top of 456-75-14 in tx zone into 3D calc sil from SB0 - looks like pretty reasonable variegated!						

643 = end of core 648 = FOH

DIAMOND DRILL RECORD

LOGGED BY Aaro Aho

PROPERTY Vangorda Mines Property

LATITUDE 16 + 00 S BEARING OF HOLE STARTED Sept.21, 1973

DEPARTURE 36 + 00 W DIP OF HOLE _____ COMPLETED Sept. 25, 1973

ELEVATION 388.9 (P.A.) DIP TESTS _____ DEPTH 648'

3866 A.S.L.

D.D.H. No. A - 3 PAGE 1 of 2

CLAIM No. Champ # 3

-DIRECTION AND DISTANCE FROM

NE. CLAIM POST

[illegible]

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A - 3 PAGE 2 of 2

CLAIM No. _____



DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY			
FROM	TO			FROM	TO					
464	490	Slightly less GRAPHITIC, minor PYRRHOTITE.								
490	521	VERY GRAPHITIC grading to slightly less GRAPHITE but still very GRAPHITIC with								
		PYRITE, PYRRHOTITE, core angles 80° except 45° at 587-590'.								
521	600	GRAPHITIC.								
600	603	Grades to BIOTITE CHLORITE SERICITE PHYLLITE (higher metamorphic grade?) with								
		some bands of PYRRHOTITE, core angle 75-70°.								
603	648	Same becoming slightly GRAPHITIC at end.								
		<u>Conclusions</u>								
		1. Magnetics and Turam are accounted for by PYRRHOTITE and GRAPHITE								
		respectively.								
		2. The slight gravity feature may result from the presence of older rocks								
		from 600' down or from the effect of a similar anomaly 600' to the								
		northeast where the gravity gradient is steepest (36W, 10S). Depending on								
		developments in future, the latter locality may be considered as a low priority drill target.								