CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

017942

Hole Number: CNR 76-01

Fabric Orientation Diagram:

Project: Vangorda Plateau re-mapping

Location: _____

Claim: Rocky 8

Terr. Plane Co-ords.: 6902122.0 N

5949470 E

measured from 1:5000 scale 1979 orthophoto

Grid Co-ords.: 8S / 52E

_____

All symmetry determinations looking _____ with _____ dipping _____ with dip azimuth _____.

Elevation: 1133 metres

Total Depth: 1396 feet

Purpose: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____ Core: Size From To Collar Cased and Capped: _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

Started: July 7, 1976 Completed: July 18, 1976

Cyprus Anvil Mining Corp.

DDH C.N.R.7.6.0.1 (2–8)

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole (2–8)	Elevation (10–16)	Northing (17–24)	Easting (25–32)	Units (feet/metres) (34–39)	R.F.E. (41–42)	
I							
T	CNR7601						

Code	Drillhole (2–8)	Depth (10–14)	Zenith Angle (22–26)	True Azimuth (28–32)	Comments (34–56)
I					
R	CNR7601	0600	180.0	010.0	AT COLLAR

Code	Drillhole (2–8)	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions (10–56)
I		
		NO DOWNHOLE TESTS COMPLETED

FEET

DDH C.N.R.7.6.0.1 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: June 30/84 Logged By: GAS/KCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
12.2	L	0	410		01	##	Overburden — No core
25.9	L	410	815		02	3G8	± 0
							Medium greenish grey, thinly, pervasively S_2 foliated Phyllite
							Strong silvery-greenish-grey sheen on S_2 local paper thin
							carbonaceous S_2 folia Short intervals of dk med grey
							Noncalcareous
							Mod. broken & oxidized above 54' 40-54' 50% recov /
							54-69 mod broken to poker chippy 60% recov / 58-60 chips - Token
							recovery / 69-85 mod brkn - local poker chip
26.2	L	815	816		03	5C*	Leopard rock
							Typical green & white anastamosing folia. Margins of 5D-type —
							mainly at bottom. 3C & 3B
31.2	L	816	1012	5	04	3G8	(3B?) Minor
							as above (Unit #2 40-85)
							Moderately broken - no major faults - recov OK
32.3	L	1025	1016		05	3C*	
							as above (Unit #03 85-86)
							Doesn't fizz in 20% HCl
							Mod. to strongly broken - locally crumbly - lithology related
40.2	L	1096	1312		06	3G8	± 0
							Similar to Unit #2 (40-85 feet) Largely med greenish grey,
							noncalc phyllite w/ silk lithon texture Generally S_2 foliated

C.A.M.C. 1981 — E — 3A

Mod. broken. recovery OK

Sections & bands of dk grey along folia. Quite soft. - Minor more granular greenish bands. Not silty overall — just noncarbonaceous.

Fine disseminated po/minor py possibly py on flks.

DDH C.N.R.7.6.0.1 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 6/30/84 Logged By: GAL/LCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
54.1	L	113.2	117.6		17	3G8	±4 calc-silicate str - minor
							Intact Recov OK / Unit contains ~ 5% 1-4 mm thick qtz-actinolite ± po ± cc (+ more than –) bands // S_2 & S_1. These define microlithons. Overall appearance similar 3G "stringer" but don't know if bed or stringer or veinlet. Definitely po-cpy-py in stringers. Dominantly po. Str. have gran & white mottled texture w/ green selvage. Some cc & some flesh-coloured carbonate in stringers. Better lithons than last unit
54.7	L	117.6	117.94		108	3G4	stringer
							qtz-po-act (chlor?) stringers forming good lithons. light colored versions of last unit. 5% po total. Traces of cpy. Locally carbonated. Intact
60.0	L	117.94	119.70		109	3G8	±4 calc-silicate str - minor
							intact / 100% recov. Same as Unit #7 (132 – 177.6) Fewer lithons – fewer veins
62.3	L	119.70	121.043		110	3G4B	calc-silicate str (3B3 bio) 64:40
							Phyllites as above (#09 179.4 – 197) only look more altered. Interlayered w/ lesser 3B.
							Intact to locally mod. broken. No faults 100%
64.6	L	121.043	121.20		111	3G4	±8
							light colored, some stringers which are calc-silicate. Non calcareous. Brownish rusty weathering suggestive of carbonate – locally flesh color – but no fizz even w/ 20% HCl. 210-212 mod. broken w/ trace of gouge.
							Otherwise intact

DDH C.N.R.7.6.01 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 6/30/84 Logged By: GAJ / LCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
65.1	L	12120	12135		112	3B31	
							Intact No bio. noted Contains nice S_2 minor fold couplet
67.8	L	12135	12225		113	3GH	±8 ± stringer
							Qtz-po ± act? stringers forming lithons locally rusty-brown weathering similar to Unit #11 ( ). Few % po in str. up to 1cm thick – most are a few cm. Intact for a couple intrs micro-gouges
68.4	L	12212 5	12214 5		114	3B31	± Bio
							Intact
76.3	L	12214 5	12510 3		115	3G81	± 4 ± stringer
							Several % po-qtz-act ± cpy stringers ± some carbonates. 1mm – 2cm thick // S_2 folded into D2 folds locally. Overall po content of 5% to interval 224.5 – 247 last 4' is sulphide-poor
							Intact 100% recovery. At Dy LCP would have called this a 4L7 ±6 lithology – note for comparison to Dy logging
							Fltn surfaces are med. grey Some have slight greenish cast
99.4	L	12510 3	13216 0		116	3G91	± 0.-
							Slightly darker grey than normal 3G Top ½ darker than bottom ½ Unit has poorly developed lithons – green more granular bands similar to above units – bands not as abundant Unit contains first noted disseminated po porphyroblasts in DDH Abrupt alteration change @ upper contact – no fault evidence At 2531 6" of possible 3E *
							Top → 268 intact 100% recov. / 268-280 mod. brkn minor local gouge 2ft core loss 277-280 (30%) / 280-292 mod. brken. recov. OK / C.A.M.C. 1981 – E – 3A
							292-322 intact to mod. brken. / 322-326 mod. brken. 6" recov. no gouge

Mob. of po into cross-cutting features

lower contact arbitrary & very gradational. – hence much B.S.

DDH C.N.R.7601 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: June 30/84 Logged By: GAJ/KCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
125.0	L	13216	14116		117	3G0	
							Mica rich, mod soft, med to dk med grey, nonCalc phyllite.
							PS_2 filled // S_2 are 1-10mm thick dkbrn carbonaceous bands & lighter siliceous bands. Minor lithons only locally
							S_2 cut by lakes crem. clvge — stagger — locally well enough developed bcg pressure soln to show carbonaceous banding
							Photo at end of unit
							Minor small gp pseudomorphing py
							Intact local zones thick gouge clvgs - minor insig gouge lumps - recov A-OK
							Smooth core surface — indicates micaceous w/o interbanding
							Would make a good Tiggo box for 3G0
126.5	L	14102	14150		118	10Q10	
							Minor chlor, cc, orange-weathering dolomite Intact
144.8	L	14150	14750		119	3G01	
							As above. Excellent planar PS2 Unit very thinly comp. layered // S_2 due to mm. segregations /pressure soln striping Homog on large scale but inhom on small scale. Intact - good recov
							Cut by post D2 crem. clvge. Last 4' mod. brken w/ fractures
							IND gouge + 1 ft core loss
145.3	L	14750	14768		120	3G81	
							Same as 3G0 phyllites only green. Mod brken

DDH C.N.R.7.6.0.1 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: June 30/84 Logged By: GAS/LCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
150.6	L	14768	14940		121	3G01	
							As above From T.O.I → 495 vrly brkn goker chippy – minor gouge Otherwise intact
155.8	L	14940	15111		122	3G9	
							Dk grey to black phyllite – won't smudge fingers Fair amt of qtz veinlets w/ po & cpy Not hard. Noncalcareous TOI-501 mod. brkn to rubbly locally, mod. Inco gouge / 501-511-intact lower contact gradational
205.7	L	15111	16715		123	3G01	(3G9) 90:10
							3G9 as several 2'-4' zones dominantly in lower ½
							Below 633 very coarse calc-silicate – act + cc + qtz bands
							Above 535 unit has green int bands (few %).
							Otherwise normal grey 3G0 Po porphyroblasts
							locally contains small black chert nodules elongate in S_2
							Commonly see crem. chlge cross-cutting S_2
							Good photo chances
							Intact to mod. brkn Minor incip gouge Recov good
210.3	L	16750	16910		124	3E31	→ 3F9 locally [3G39] ← changed from this on re-examining
							Variably calcareous, dk to black phyllite. Fair number of qtz veins. Will not smudge fingers. borderline to 3E3. About 25% very calcareous approaching 3F9 Reminiscent of extensive dk calcareous intervals under Champ & deep holes under NW Gorum extension.
							Darker than enclosing phyllites Fine po & py
							Intact to locally rubbly/minor incip gouge / top of unit gouge zone – small fault 60° C.A.

On re-look did not change to 3E

DDH CN-R76-01 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 06/30/84 Logged By: GAI/ACP

	Code	From	To	Recov.	No.	Unit	Description (changed from this on re-look)
	1	10 14	16 20	22 24	26 28	30 34	35
215.5	L	169100	170170		215	3E10	±0 ±3 very minor (3G9) [3G9 ±0 ±3 v. minor] Intact – local minor rubble / recov fine Minor qtz-cc-act. bands forming local lithons
228.1		170170	174185		216	3G01	±9 minor Again minor calc-silicate bands qtz-act esp near bottom 10' Intact TOI → 711 / 711-713 brkn, rubbly, minor gouge good recov / 713-723 Intact / 723-735 brkn, redrilled core, 2' recovered for whole interval No gouge 735 – EOI Intact
232.6	L	174185	176130		217	3E10	±3 [3G9 ±3] changed from this on re-look Again dark grey to black but won't smudge fingers Minor qtz-act ± cc bands Sulphide bands gy cpo ± cpy minor Not as much calc-sil. as previous unit. Much darker than prev. unit Intact – local rubble – no sign. faults
240.6	L	176130	178955		218	3E13	[illegible] → 3F9 [3G39] – changed from this on re-look Similar to Unit # 24 Similar calc-silicate bands $11S_2$, 5_2 lithons. Cc both in lighter granular bands + distributed through rock Below 781 are several short intervals of 3F9 Interval compares favorably to deep holes @ Graham NW extension Intact to mod. brkem Rubbly @ 784-786

DDH CNR76.01 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 06/30/84 Logged By: GAS/LCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
241.8	L	7895	7933		29	3E0	±3 ± calc-silicate (qtz-act) [369 ±3] 1-2% py > po sulphides Py dominant esp. below ~ 811' Intact to mod. broken good recov Patchily calc dk grey – black phyllite locally developed calc-silicate bands
252.7	L	8216	8219		33	3E13	3 ± sphal. [36913] Siliceous – ferruginous metal. Dk grey to black Similar texture to previous unit Trace sphalerite in a qtz vein band Intact
255.6	L	8290	8387		34	3E0	±1 gouge & rubble Where intact flt'n is anastomosing flt'n akin to sheared rocks of fault zones — but not as severe as 5A* (Dy) & Tie fault (GRVM) Uncertain if major fault – probably not lower contact 65° C.A. (// S_2?) Recovery 60–70%
244.7		7933	8020		30	369	±0 (100) (90-10) Similar to Unit # 29 (789.5-793.3) only not as much carbon. Generally darker than 360 Still contains lithons w/ dk green act? – qtz in S_2 flt'n.
251.8		8012	8260		31	3E0	±3 ± calc-silicate ±6 (Py) [369 ±3 ± 6(py)] last year GAS would have called it 369

C.A.M.C. 1981 – E – 3A

DDH C.N.R.7.6.01 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 06/30/84 Logged By: GAJ/LCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
260.2	L	18318 7	18536		35	3C6	po (3C4*) (3G9 → 3G8 adj to 3C6) 60:20:20 Med. green chloritic phyll w/ small dissem. po. Noncalcareous Generally homogeneous Does not break w/ smooth S_2 surface Fine mottled texture. Not typical 5C. Fine-grained Might be called 5D. Intact
261.8	L	18536	18590		36	3E01	± 3 Intact mod. broken
264.1	L	18590	18666		37	3C6	po ± 3 po. v. minor Same as Unit # 35 (838.7 – 853.6) Intact
266.1	L	18666	18730		38	3G9	Not as dark as Unit # 36 (853.6 – 859.0) Noncalcareous Minor greenish calc-silicatey bands / Traces of pyrite Intact
279.7	L	18730	19176		39	3G0	locally some thin greenish bands containing qtz-actinolite which have been called calc-silicatey bands up the hole. Probably derived from siltstones 3G0 Intact Similar to 3G0 up hole but greater proportions of slightly harder siltstone bands. Minor hard green/brownish calc-silicate bands – strongly brown & green bands occur only locally Intact

DDH C.N.R.7.6.0.1 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 06/30/84 Logged By: GAL/LCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
283.3	L	9176	9295		140	3DB	(360 calc-sil. siltstone bands) 70:30
							Dominant unit is hard, interbanded 1/3 biot purple & 2/3 dk green actinolite Generally noncalcareous bands 1-3 cm thick.
							Has a calc-silicate look (hence the name)
							Biotite bands not always regular - interfingue w/ dk green
							bands pale cream bands typical of Vangorda calc-silicates
							Contains dk green-blue amphibole typical of Faro amphibolite facies calc-silicate
							Intact - good recovery
							In 360 calc-sil. ss. bands are 25%
292.8	L	9295	9610		141	360	green calc-silicate siltstone bands (3DB) minor 95:05
							36 has 20-30% granular siltstone bands. Thin bands
							// S_2 1mm - 10mm thick.
							3DB bands are several isolated occurrences 10 cm thick -
							remove metal from nail - very hard.
							Intact to locally moderately rubbly
293.1	L	9606	9611		142	3DB	
							as above Unit #40 (917.6-929.5)
							Mod. hard / intact
							Interbanded dk blue green amphibole & biotite Interfingering of the
							two types of layers Biotite 1/3 / green amphibole 2/3
							Non calcareous

DDH CNR76.01
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 06/30/84 Logged By: GAJ/LCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
297.2		19161 5	19175 6		143	3G01	~/ green siltstone bands (calc-silicate) I9 ~bio Some minor carbonaceous dk grey interbands locally some bio lower contact gradational Intact
299.5	L	19175 0	19182 7		144	3G	rich in green siltstones Don't really have a classification for this Micaceous chloritic phyllite w/ disseminated small bio porphyroblasts. Strongly crenulated. Minor po as thin blebs along S_2 Bio oriented along S_2 Intact except minor incp gouge & pokey dipping in middle Overall pale green color. Noncalcareous. Minor PS2 striping in shades of grey & green
301.7	L	19827	19897		145	3D8I	
							Dark green & brown dominantly / contains minor pale creamy calc-silicates in thin discontinuous laminae Slightly calcareous w/ brn bio bands brn bist 20% / green amphib 80% / creamy - trace
303.8	L	19897	19968		146	3G	green silty-rich Same as Unit # 44 (975.0 - 982.7) Po and py forming blebs & laminae (respectively) along S_2 Looks similar to metabasite logged near 850' Intact
306.5	L	19968	20055		147	3D8I	
							Some lighter green to cream bands. Part of calc-silicate banded sequence One thin band/portion looks like 3B0 Intact Removes metal - fairly hard.

looks like altered retrograded schist just above marble in bottom of DDH456-75-4 (979-980m)

Minor development of dk green related to fractures rather than in bands

C.A.M.C. 1981 - E - 3A

Bands up to 1-2cm thick.
bist 45% creamy - 5%
green amphibole 55%

DDH CNR76.01 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 06/30/84 Logged By: GAN/LCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
363.9	L	1111.0	1119.3		51	3FO	
							light grey to off-white, med to fine calcite marble with boudinaged silicate layers. Commonly bcn biotite, locally chlorite. Silicates 25% of rock. Intact except for 1157.5 – 1166 bckn & rubbly — locally incipiently gouged. Weathered looking. Fractures at 10° C.A. Prob. not significant.
366.0	L	1119.3	1200.8		52	3B	foliated [IH]
							Med. green chlor-act schist. Foliated. Some qtz-carb laminae along fltn. Minor diss. py. Grecmer & strong fltn makes different from 3GO green. Color laminations in shades of green along fltn. Non calcareous, except locally – eg. near margins. Intact
386.0	L	1200.8	1261.5		53	3FO	
							Intact except for 1210.8 – 1218.0 Carbonate-cemented, post-meta. bxa. Steeply dipping fault – rakes 20° Digs 10° to C.A. – This interval only mod. bcken
387.6	L	1261.5	1271.8		54	3C3	foliated [IH]
							Contains much carbonate. Anastamosing chloritic fabric. Overall color is med to dk green. Not typical 3C. Intact

Minor green hbl. type calc-silicate

DDH CNR7601 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 06/30/84 Logged By: GAJ/LCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
308.2	L	101015	101110		48	3G	green (3DB) Minor 90:10 Some biotitic layers in the 3G / also bio as selvages on post mm. fractures Intact to mod. broken. Lower contact gradational Same as Unit #44 (975-982.7)
321.9	L	101110	101560		49	3GO	calc-silicate siltstone. Contains thin bands of siltstone w/ calc-silicate gtb-act ± bio. 30% this material 1-50 mm thick. Good 3GO grey w/ dark grey bands PS_2 foliated Mod. soft except where particularly green Non calcareous. Intact — minor broken core 1041-1053.
338.6	L	101560	111110		50	3G	green Weakly developed small bio porphyroblasts Non calcareous — minor small carbonate porphs. light to med. greenish grey, homogeneous, strongly foliated. phyllite. Speckled texture with light brn to cream carbonate porphs, actinolite porphs, bio porphs P_0 blebs along S_2 cleavage. Well-developed crenulation cleavage Similar to 3G greens above in this DDH Not fitting appropriately into our classification scheme. Intact Same as Unit #44 (975-982.7)

DDH CNR7601 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 06/30/84 Logged By: GAI/LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
423.1 L	1217.8	1388.0		555	31F01	
						Normal
						Very calcite-rich towards end of interval
						Tuff except 1356-1389 Orange weathering color because of
						orange weathering carb on fractures & other minerals along fltn
						Several carbonate filled fractures @ 20-25° C.A
						Most major feature / fault is @ 1361.5 22° C.A.
						w.r.t 5½ it is 22/330.
						Slicks rake 50° along fault surface
						EOH
						K-A log shows 1388-1396 Drilled w/ no core recovery
						EOH = 425.5

C.A.M.C. 1981 - E - 3A

DDH C.N.R.7.6.0.1 (2–8) (FEET) **Cyprus Anvil Mining Corp.**

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10–14	16–20	22–24	26	28–32	34–38	40–44	
S		1911	P1S12				81 2310	
S		1710	P1S12				713 2310	
$			P1S13			515 01110	~~2310~~	S_3 Cremulation clvg
S		1713	C1S12				713 2310	
S		1912	C1S12				715 2310	
S		11011	P1S12				519 2310	
S		11115	P1S12				615 2310	
S		11218	P1S12				518 2310	
S		11317	P1S12				616 2310	
S		11416	P1S12				610 2310	
S		11515	P1S12				715 2310	
S		11610	P1S12				715 2310	
$			P1S13			210 09710	~~2310~~	
S		11715	P1S12				816 2310	
S		11810	C1S12				818 2310	
S		11912	P1S12				818	
$			C1S13			213 01410		
S		12017	P1S12				810 2310	
		12115	P1S12				712 2310	
$			C1S13			218 01310		
S		12411	P1S12				86 2310	
S		12610	P1S12				814 2310	
S		12713	P1S12				690 2310	
S		12912	P1S12				712 2310	
S		13016	P1S12				613 2310	
S		13111	P1S12				613	
$			C1S13			210 31210		
S		13313	P1S12				85 2310	
$			C1S13			310 21415		
S		13414	P1S12				715 2310	
$			C1S13			119 900		
S		13519	P1S12				814 2310	
$			C1S13			312 09415		
S		13714	P1S12				710 2310	
$			C1S13			319 9010		
S		13813	P1S12				615 2310	

DDH ____ (2 – 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
I	10 – 14	16 – 20	22 – 24	26	28 – 32	34 – 38	40 – 44	
$			C S 3			2 3 3 0 1 0		
S		3 9 1 7	P S 1 2				6 6 2 3 1 0	
$			C S 1 3			1 5 3 4 1 0		
S		4 1 0 2	P S 1 2				7 1 2 2 3 1 0	
S		4 1 2 6	P S 1 2				7 1 5 2 3 1 0	
$			C S 1 3			3 1 8 3 1 5 1 0		
S		4 1 4 2	P S 1 2				8 1 1 2 3 1 0	
$			C S 1 3			3 1 3 1 1 1 0		
S		4 1 5 6	P S 1 2				8 1 2 2 3 1 0	
$			C S 1 3			4 1 0 0 1 3 1 0		
S		4 1 9 1 0	P S 1 2				7 1 4 2 3 1 0	
$			C S 1 3			3 1 8 0 1 0 1 0		
S		5 1 1 3	P S 1 2				7 1 6 2 3 1 0	
$			C S 1 3			2 1 6 2 1 9 1 0		
S		5 1 2 1 4	P S 1 2				6 1 7 2 3 1 0	
$			C S 1 3			3 1 8 9 0 1 0		
S		5 1 3 1 8	P S 1 2				8 1 2 2 3 1 0	
$			C S 1 3			8 1 0 1 1 4 1 0		
S		5 1 4 1 8	P S 1 2				8 1 0 2 3 1 0	
$			C S 1 3			3 1 0 3 1 4 1 0		
S		5 1 5 1 8	P S 1 2				8 1 3 2 3 1 0	
$			C S 1 3			3 1 3 0 1 1 0		
S		5 1 6 1 8	P S 1 2				8 1 5 2 3 1 0	
$			C S 1 3			4 1 4 2 1 5 1 0		
S		5 1 8 1 8	P S 1 2				6 1 6 2 3 1 0	
$			C S 1 3			1 1 5 3 1 4 1 0		
S		6 1 0 3	P S 1 2				7 1 0 2 3 1 0	
$			C S 1 3			3 1 5 3 1 0 1 0		2 1
S		6 1 2 3	P S 1 2				7 1 9 2 3 1 0	
$			C S 1 3			3 1 2 0 1 4 1 3		
S		6 1 2 1 8	P S 1 2			[illegible]	8 1 1 2 3 1 0	
$			C S 1 3			2 1 7 1 1 8 1 0		
S		6 1 4 1 8	P S 1 2				7 1 1 2 3 1 0	
$			C S 1 3			3 1 9 0 1 4 1 5		
S		6 1 6 1 3	P S 1 2				7 1 5 2 3 1 0	
$			C S 1 3			3 1 0 0 1 4 1 5		

DDH ____ (2 – 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		16910	P S 2				612 2310	
$			C S 3			415 0900		
S		17019	P S 2				614 2310	
S		17219	P S 2				717 2310	
S		17413	P S 2				415 2310	
$			C S 3			210 1120		
S		17519	P S 2				616 2310	
$			C S 3			210 1115		
S		17618	C S 2				617 2310	
S		17812	C S 2				612 2310	
S		18013	C S 2				616 2310	
S		18211	P S 2				710 2310	
S		18417	P S 2				712 2310	
S		18616	C S 2				716 2310	
S		18815	P S 2				616 2310	
S		18918	P S 2				712 2310	
S		19113	P S 2				616 2310	
S		19311	P S 2				713 2310	
$			C S 3			215 0510		
S		19415	P S 2				812 2310	
S		19610	P S 2				712 2310	
S		19714	C S 2				711 2310	
S		19814	P S 2				811 2310	
$			C S 3			415 1106		
S		19916	P S 2				714 2310	
$			C S 3			310 1610		
S		110015	C S 2				615 2310	
S		110210	P S 2				717 2310	
S		110410	P S 2				817 2310	
S		110517	C S 2				716 2310	
S		110717	P S 2				812 2310	
S		110910	P S 2				717 2310	
S		111016	P S 2				718 2310	
S		111210	P S 2				812 2310	
S		111315	P S 2				713 2310	
S		111418	P S 2				615 2310	

DDH ____ (2 – 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: _____ Logged By: _____

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		1117 12	P1S12				910 21310	
b			P1S13			315 0190		
S		1118 10	P1S12				710 21310	
S		1209	P1S12				710 21310	
S		1213 15	P1S12				715 21310	
S		1219 15	P1S12				617 21310	
S		1216 10	P1S12				717 21310	
S		1217 15	P1S12				818 21310	
S		1219 14	P1S12				815 21310	
S		1311 10	P1S12				715 21310	
S		1313 10	P1S12				811 21310	
$			C1S13			312 31310		
#		1313 18	P1S12				814 21310	
4			C1S13			318 31310		
S		1315 12	P1S12				812 21310	
S		1317 12	P1S12				715 21310	
S		1318 12	P1S12				716 21310	
S								

FEET

FAULT

DDH C.N.R.76.01 (2 8)

Cyprus Anvil Mining Corp.

REC Structural Log

Date: July 15/84 Logged By: LCP

Code	From	To	Feature	Sp.	S_0 Dip Direct. (upper)	S_1 Dip Direct. (Middle)	S_2 Dip Direct (lower)	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1 1410 0	1 1514 0	2 1B 1	5				mod. brken & oxidized - 50% recov.
F	1 1514 0	1 1619 0	2 1B T	6				mod. brken / poker chippy 60% recov.
F	1 1580	1 1610 0	N P 1	0				token recovery - some chips
F	1 1690	1 1012 5	2 1B 1					mod. brken
F	1 1012 5	1 1016 0	3 1B					mod. to v. brken / locally crumbly / lithology - related
F	1 1016 0	1 1312 0	2 1B 1					mod. brken - recov OK
F	1 1917 0	1 2014 3	1 1B 1					intact to locally mod. brken
F	1 2110 0	1 2112 0	2 1B 1					mod. brken w/ trace of gouge
F	1 2618 0	1 2810 0	2 1B 1					mod brken, minor local gouge
F	1 2717 0	1 2800 0	P 1 1	3				38% recovery
F	1 2810 0	1 2912 0	2 1B 1					mod brken - recov. OK
F	1 2912 0	1 3121 2 0	1 1B 1					intact to mod brken
F	1 3121 2 0	1 3121 6 0	2 1B P	1				mod. brken ½'/4' recovery
F	1 3121 6 0	1 4110 2	1 1T 1					intact / local thick poker chip zones
F	1 4171 0	1 4175 0	2 1B 1	7				mod brken 1' core loss
F	1 4175 0	1 4176 8	2 1B 1					mod. brken
F	1 4176 8	1 4185 0	T 3 1B					v. brken & poker chippy
F	1 4914 0	1 5101 0	2 1B R					mod. brken / local rubble
F	1 5111 0	1 6175 0	1 1B 1					intact to mod. brken
F	1 1 1	1 6175 0	1 1G 1					small gouge zone 60° C.A.
F	1 6175 0	1 6910 0	1 1R 1					intact to locally rubbly
F	1 7111 0	1 7113 0	B 1R 1					brken & rubbly / minor gouge
F	1 7123 0	1 7315 0	B 1 1	1				brken / 2' recovered
F	1 7163 0	1 7189 5	1 1B 1					intact to mod. brken
F	1 7184 0	1 7186 0	R 1 1					rubbly
F	1 7189 5	1 7933	1 1B 1					intact to mod. brken
F	1 8219 0	1 8318 7	G 1R 1	6				gouge & rubble recov 60-70 %
	1 1 1	1 1 1	1 1 1					lower contact 65° C.A.
F	1 8536	1 8590	1 1B 1					intact to mod. brken
F	1 9179 0	1 9181 0 5	1 1T G					poker chippy & minor incip gouge
F	1 1010 5 5	1 1011 1 0	1 1B 1					intact to mod. brken
F	1 1014 1 0	1 1053 2 0	1 1B 1					minor brken core
F	1 1 1575	1 1166	B 1R 1					brken & rubbly

fractures 10°/C.A.

FEET

FAULT

DDH C.N.R.7.6.0.1 (2 / 8)

Cyprus Anvil Mining Corp.

REC upper Middle lower

Structural Log

Date: July 15/81 Logged By: LCP

Code	From	To	Feature	Sp	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	121108	121180	X12B					steeply dipping post-DZ brec 10° C.A / mod brkn
F	131516	131819	X1Q					carbonate-filled fractures 20°-25° core axis
F		131611	F1X1Q					most major fracture/fault 22° to C.A.
F	131819	131916	N1P1					no core recovery
								EOH

DIAMOND DRILL RECORD

LOGGED BY STANLEY B. REAMSBOTTOM

D.D.H. Nº 76-1 PAGE 1

PROPERTY VANGORDA MINES (Border of Claim)

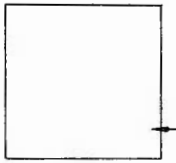
LATITUDE 8S STARTED JULY 7, 1976

DEPARTURE 52E COMPLETED JULY 18, 1976

ELEVATION 3710' PROPOSED DEPTH 1000+

ULTIMATE DEPTH 1396 ft.

HOLE SURVEY:		
DEPTH	BEARING	DIP
0		-90°



CLAIM Nº Parcel B

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	40 ft.	OVERBURDEN													
40	102	GREY-GREENISH QU-SERICITE-CU PHYLLITE													
		From 40-60' rock broken, rusty oxidized. Thin (0.5-2cm) qu.													
		veins with po, leafy pyrite. Thin talc-ch meta volc lens at													
		85-86 feet. F_2 dominant.													
		CA: 40=F_2 80, 60=F_2 80, 80=F_2=75, 100=55°													
102	106	PALE WHITE-GREEN TALCY-CH META GREENSTONE													
		Note relict plagioclase phenoxts.													
106	172	GREY-GREENISH QU-CH-SERICITE PHYLLITE													
		Same as above. Blebs and stringer of po throughout. Thin													
		(1-3mm) veins of white cc. Some white qu-carbonate laminae.													
		Coarser po veinlets at 145-55. F_2 dominant.													
		CA: 120=78, 140=70, 160=F=70													
172	250	GRADES TO WHITER QUARTZ-SERICITE-CHLORITE PHYLLITE	95-98%												

LOGGED BY _____ D.D.H. NO 76-1 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		Rock looks paler more bleached due to increase in qu-muscovite													
		content. Po locally 2% conc. in F_1 laminae. EX 172-182													
		contorted fold nose zone with Po laminae. Note CPY assoc													
		with Po. Note Striped purplish-green cc-bi?-Ch-Ser.													
		Calc-silicate bands 198-205; 210-213. Note stringers of													
		Sph assoc with qu-cc vein at 245'.													
		CA: 180=83 F_2 200=60, 220=70, F_1 sub-v, 240=F_1=66, F_2 79.													
		opp dip.													
250	577	DARK GREY QUARTZ-SERICITE-(Chlorite) PHYLLITE	95-99%												
		Thin striped white qu laminae alternate with dark grey													
		sericitic laminae. Ch-laminae locally abundant, often in													
		close assoc. with white qu-veins. Stringers and blebs of Po													
		throughout section. Note 493-516, thin black graphitic													
		phyllite unit. Minor cpy, py, po. White qu vein 410-416.													
		CA: 260-76, 280=74, 300=67, 320=60, 340=60, 760=F_1 65, F_2 67													
577	838	BLACK STRIPED QUARTZ-GRAPHITIC PHYLLITE	95-98%												
		Unit locally (ex 600-630) is less graphitic than normal Ch													
		is also locally present, often heavy qu-veins. Rock folded.													
		net-veined by white cc between 690-670. Tiny xtals of													

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		SPHALERITE in quartz-veins at 684. Note also minor biotite													
		xtals in this zone. Blebs and stringers of po and py													
		throughout section. Arsenopy in qu-vein at 753. Note													
		unit richer in graphite from 740 on. Po conc. in F_1 laminae													
		which have been folded at 772'. Py in broken-up graphitic													
		phyllite 833-838. F_2 dominant throughout section.													
		CA: 580=F_1 33, F_2 65, 600=F_2 66; 620=F_2=70, F_3 ? 54?,													
		640=F_2 76, F_2 33, Note 600-640 zone with high angle strain-													
		slip foliation. Is this F_1 or F_3? Problematic foliations.													
		660=F_1,F_3 45, F_1 F_2 81? 680=60, 700=F_1 folded, F_2 60°, 720=													
		66, foldnose at 739; 760=47, F_1 F_2; 780=66, 800=75, 820=70F_2,													
		F_1 sub-vertical.													
838	873	DARK-MED GREEN SCHISTOSE META-VOLC? GREENSTONE UNITS INTER-	95-98												
		CALATED WITH STRIPPED GRAPHITIC PHYLLITE													
		Note greenstone has relict po xtals altered to cc. Blebs of													
		Po throughout. CA: 840=62, 860=70.													
873	919	GREY-GREENISH QUARTZ-SERICITE PHYLLITE	98												
		Blebs, stringers of Po. Qu-ch veins.													
		CA: 880=52, 900=85, 920=58.													

LOGGED BY _____ D.D.H. Nº 76-1 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
919	930	GREEN-BROWN QU-CH-BIO PHYLLITE	98												
		Ch-rich laminae alt. with purplish-brown biotite-rich laminae.													
		Po in thin tension gashes. CA: 930=65.													
930	982	GREY GREENISH QUARTZ-SERICITE-CHLORITE PHYLLITE ± BIOTITE.	99												
		Local development of brown bio, at 942'; 960.5'													
		CA: 940=60, 960=68, 980=70.													
982	1009	GREEN BROWN QUARTZ-CHLORITE-BIOTITE PHYLLITE	98												
		Blebs, stringers of po in and transverse to foliation.													
		Quartz-chlorite veins; cc veins. CA: 1000=76.													
1009	1053	GREY-GREENISH QUARTZ-CHL-SERICITE ± BIO. PHYLLITE.													
		Rock locally quite rich in ch with some lustrous slicks.													
		Posibly meta-tuff parting. Biotite occurs sporadically													
		through unit ex. 1036 : Note above greenstone slicks quite													
		limy. CA: 1020=67, 1040=70.													
1053	1113	DARK GREEN TALC-CHL-SCHIST. META VOLCANIC OR TUFF.													
		Rock locally green zones which may have radiate fibrous													
		acti nolite (or ch after actinolite). Note also small knots													
		of white talc. Biotite occurs sporadically in unit.													

LOGGED BY _____ D.D.H. NO 76-1 PAGE 5

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		GARNET at 1099' (Alb-ep amphibolite facis?) Note F_2 folds													
		1050-1060. F_2 dominant. CA: 1060=72, 1080=65.													
1111	1388	PURPLISH-BROWN-GREEN AND WHITE STRIPPED CALC-SILICATE SCHIST													
		Irregularily banded schistose calc. Silicate composed of													
		white-cc bands (0.5 to several cms) alternating with purplish													
		brown phlogopite? mica-rich bands with associated dark-grn.													
		(emerald) chlorite and local paler green bands with xtalline													
		rosettes of tremolite-actinolite. Local pale-green xtals of													
		diopside? May also be present. Small-scale F_2 folds are													
		present but dominant structur al feature in boudinaged													
		purplish-brown biotite rich layers in calcitic matrix. Rock													
		has been subjected dominantly to tensional-stress-possibly													
		way out on limb of major fold? Note pervasive dissemination													
		of pyrrhotite with less py and cpy throughout unit. Sulphide													
		also occupy late tensional fractures in association with cc-qu.													
1388	1396	NO CORE RECOVERED						Boudinage-texture common							
		CA: 1120=80, 1140=65, 1160=75-rock gouged, 1180=75, 1200=60,						throughout section. So-possibly							
		1220=85, 1240=79, 1260=85, 1280=70, 1300=85, 1320=80, 1340=66						on major fold limb.							
		1360=45, 1380=75.													

LOGGED BY _____ D.D.H. No. 76-1 PAGE 6

Interval From	Interval To	DESCRIPTION	Recovery	Sample No	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
	1396	END OF HOLE													
		Rods-snapped 500' from bottom. Failed to retrieve them.													