017958

CYPRUS ANVIL MINING CORPORATION

Page 1 of _____

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: 79VX01

Reference Fabric Orientation Diagram:

Project: Vangorda Plateau remaps

Location: _____

Claim: _____

Terr.Plane Co-ords.: 6903098.3 N

Mine Survey 593824.5 E

Grid Co-ords: 6E /

Elevation: 1123.23 m.

All symmetry determinations looking

Total Depth: 1270.0 feet = 387.1 metres

NW with 52 dipping

Inclination: -90°

SW with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: GAS / LCP

Date(s) Logged: July 27-28 / 1984

Drilling Contractor: ARCTIC

CORE Size	From	To
Trimmed	0.0	115.0 feet
NQ	115	1270 feet

Collar Cased and Capped: _____

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

C.A.M.C. 1981 - E - 1

Cyprus Anvil Mining Corp. Page 2 of _____

DDH 79-V-X-01 (2 8)

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
1	2 8	10 16	17 24	25 32	34 39	41 42	
T	79VIX01	11123.2	9030918.3	5938241.5		52	

Feet

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	79VIX01	100	180.0	0.0	AT COLLAR
R	79VIX01	1612 0	161.3	015/1.0	
R	79VIX01	1812 0	154.5	015.0	
R	79VIX01	1012 0	144.0	014.3	
R	79VIX01	1197 0	140.5	016.3	
R	79VIX01	1242 0	136.0	014.8	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

Code	Drillhole	Comments, Errant Remarks, Snivellings and /or Lewd Suggestions
1	2 8	10 56

C.A.M.C. 1981 - E-2

DDH FA79VX1 (~~79VX01~~)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: July 27/81 Logged By: GA/LCP

Margin	Code	From	To	Recov.	No.	Unit	Description
34.1	L	100	1120		1	#	Overburden – Tricone – no recovery
41.7	L	1120	1370		2	3GO	Med grey, soft, noncalc, PS2 f140, homogeneous phyllite. Poker chippy to rubbly 112-137 / only 12' recovery / 112-117-1½ ft 117-127 6', 127-137 2' Only minor gouge
47.8	L	1370	1570		3	5A3	GOUGE Gouge of black, ground up 5A, qtz-dolo vein material, locally good recov of intact, flaser textured, coherent fault material. Internal fabric 69° & 35° – both 000. Like cemented gouge Recovery in 5' in 20' = 25%
51.5	L	1570	1690		4	5A16	Hrd to mod. hrd, dk grey to black, PS2 f140, noncalcareous, PS2 striped, siliceous, carbonaceous phyllite. Mod "Dolomite flash". Core mod broken / locally rubbly / 9' recovered
53.3	L	1690	1715		5	5G3$	±4 Light grey calcareous patches sep by anastomosing chloritic folia. Fine grained "Leopard Rock". Minor carbonaceous phyllite in COI. Mod broken – recov IND – seems ok
77.7	L	1715	2550		6	5A6	I1 ±O MINOR Dk grey to blk, mod hrd, locally hrd or mod soft, visibly but only slightly calc, PS2 f140. Calc occurs in thin bands – is small % – remainder of unit has good "dolo flash". Extensively rubble. – Seems to be some signif softer intervals. TOI-206 rubble & v. broken 176-177 5DH4 interband

7
255

Cyprus Anvil Mining Corp.
Lithologic Log

DDH 79VX01 (2 – 8)

Date: July 27/84 Logged By: GAL/LCP

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
						TOI - 177 recov OK / 177-187 3' rubble / 187-197 3' brkn core &
						rubble / 197-205 4' brkn core & rubble / 205-216 recov OK last 2'
						rubble / 216-227 4' brkn & rubble / 227-235 9' mod. brkn & rubble /
						235-244 12' mod. brkn to v. brkn & rubble / 244-249 v. brkn recov OK /
						249-EOI 7' rubble & v. brken core PS2 running down core axis
						Not much gouge recovered. Suspect significant fault
83.5 L	2550	2740		7	3G91	I1 I3 (3E1) (3F9) 60:20:20
						Dk grey to blk, hard to mod hrd, thinly laminated, carbonaceous, finely
						xlline marble interbanded w/ PS2 striped hrd to mod hrd siliceous
						phyllite & dk grey, " " hard, PS2 flld, variably calc phyllite
						Unit 20% marble Core mod brkn throughout. Recov OK
						2' section chevron to kink style late-post D2 fold perhaps related to above
						steep zone — steep limb 20° / shallow limb 70° to C.A. Axial pl.
						approx. cren. fltn in underlying phyllites. Int reminiscent of
						3G9/3F9 int. of Mt. Mye below Dixie lake fault
94.6 L	2740	3110		8	3G91	I3 minor / borderline
						Homogeneous, PS2 flld, locally thinly laminated, mod hrd, dk grey to black,
						variably calc. phyllite. One minor 5D tuff 1" at 280.5'.
						Similar to main lithology of last Unit #7. Break at no short
						marble bands. Short lithon sections of calc-qtz-minor actinolite (?)
						amounting to ≈ 1% unit - bands a few cm thick. Core mod. brken -
						recov. OK TOI-290 / 290-296 1½' brkn core / 296-303 4' brkn core & minor
						rubble. 303-EOI 5' brkn core. Core has dull grey rather than
						blue grey. Transitional toward EOI to 3G91 [3E1]. Minor sphal

at EOI and 279' ass qtz band. Sparse diss po & py.

DDH 79-V-X-01 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: July 27/79 Logged By: GAL/LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	131160	131200		19	5D#	± 4
						Homog, PS2 fld, pale green, musc-chlor-calc phyllite Resembles 5D
						Greenish beige to off-white ± 4 because slight green left Mod broken
L	131200	131900		110	3G119	[3E17]
						Hard, dk grey, PS2 fld, carbonaceous, siliceous phyllite Minor po, possible sphal. Resembles lower portion of Unit # 8. "Dolomite flecks" — non calc End of unit first calc bands Minor 5D4 band 2" thick 6" from EOI Mod. brkn, recov OK
L	131900	133300		111	3G13	±9 (3F9 ± 0) 80:20
						Mod soft, med. grey to dk grey, PS2 foliated, variably calc phyllite interlayered w/ finely xlline, blue grey to black, med hard to hard marble Units v. thinly interbanded & internally thick, lamin to thinly lam ins shades of grey Locally mod hrd 20% marble Minor 5D4 tuff bands similar to above unit 2" thick TOI, 2 ½" thick bands EOI Marbles distr throughout Mod brkn, recov OK - maybe 1' lost
L	133300	134000		112	3E119	v. minor 1 borderline [5A619 minor]
						Mod hrd to hard, non calc, PS2 fld, carbonaceous, siliceous phyllite Mod dk grey to black Overall banding, thinly to thickly laminated Well developed PS2 striping — med grey phase lithons separated by soft blk folia Folia 1-10 mm thick Lithons 1-20 mm. Minor po diss ll S2. Mod "dolomite flecks" Core mod brkn to intact Recov good. 1" 5D4 band at COI

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

DDH 79-VX-01 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: July 27/84 Logged By: GAS/LCD

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
106.6	L	131410	131510		113	5C13	Homog., PS2 flkd, calc, med. greenish metabasite Med green - dk green chloritic folia. Mod. brkn / recov OK
107.6	L	131510	131532		114	5B1B10	[36483] Mod. soft, med. to light olive green, calc phyllite, Irregularly PS2 flkd Cals in patches / patches greenish beige muscs rich S2 folia med to pale green w/ silvery lustre looks like altered phyllite. Not like 5D despite the colour - texture wrong Lower contact gradational over 2' Intact / recovery OK Poor lithons
109.3	L	131532	131585		115	5B10	B10 minor calc-silicate V. tight lithon texture. Gradational upper & lower contacts Med to med. dk grey w/ brnish tinge, calcareous, mod soft to soft phyllite One black chert nodule noted Core intact.
114.6	L	131585	131760		116	5B1B10	calc silicate ± bio Mod. soft to mod hard, med green to pale olive green, highly calc, tightly lithoned phyllite. S2 folia slightly grey greens to pale silvery green V soft noncalc, light olive green phyllitic bands seperating hardon green calc-qtz-actinolite ± bio ± py bands Really good example of combined calc silicate + development of green 5BB Intact / recov OK Upper contact grad. / lower sharp
121.1	L	131760	131975		117	5C13	→ 5DO Thickly interbanded, mod soft, calc, med to dk greens, finely mottled, PS2

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

Core intact - recov. OK locally mod. brkn

Fltd. metabasite transitional to homogenous, PS2 fltd, noncalc to v. weakly calc, unmottled, chloritic phyllite. Appears to be after orig. grain size variations in metabasite. Related alt. at both ends implies sill or infold

DDH 79.V.X.01 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: July 27/84 Logged By: GAS/LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
130.9 L	13917 S	14219 S		118	15B1B10	Σ bio calc silicate (5D0)[(5C3)] 70:25:05
						5D largely refers to zone 387'-415' [(5C3)] is for 2 6" bands at 410-412' Mod. soft to mod. hrd, pale to med. green, CS2 - PS2 flkd, calc, chlorite rich phyllite Excellent lithon texture - light silvery green S2 folia Sections of banag green calc. chloritic phyllite Soft, lenticular, chlorite flkd/mottled zones resemble Leopard Rock texture of flkd 5C3 3' biotite rich sections in upper portion. Mod. broken / recov. 100% +
141.5 L	14219 S	14614 S		119	15C13	
						Small scale version of Leopard Rock. Mod to dk green, calc chlorite phyllite w/ white calc. patches & mottles between PS2 folia Unit homogeneous Two 1" chlorite fine chlorite seams near 444' Grades from relict ign. texture to fine version of leopard rock Core intact
145.9 L	14614 S	14760		120	15B1B10	B10 calc silicate
						Mod. soft to med. hrd, well lithified. Med dark green, calc. chloritic phyll. Thinly laminated shades of green & off green white Patchily biotitic assoc largely features & some granular bands Resembles crenulated 5D field — espec at TOE however ent grad & arbitrary — based on 1st appear of blue-grey to grey, noncalc phyllitic bands Core intact

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

DDH 79-X-01 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: July 27/84 Logged By: GH/LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
214.2 L	14716 0	17103 0		121	5IB101	calc silicate ± bio
						Calc, well lithified, med greenish grey w/ brn biot patches, mod hard to locally hrd w/ thin soft bands, phyllite. Grades from blue grey & greenish white banded at TOI to more homog greenish grey ⊕, green & white & brown green & white banded at base.
						Overall homogeneous — looks like good 5BO equiv Green is
						actinolite (?) in granular qtz-calc bands. TOI - 527 intact /
						reduced at 497' / 527-569 mod brkn, local rubble & reground core
						w/ only 20' recovery = 540-547 2' brkn & rubble, 547-552 " " ,
						552-555 mod brkn OK, 555-564 2½' mod brkn OK, 564-567 6"
						brkn, 567-569 rubbly OK / 569-651 intact, minor rubble 637,
						628 recov. OK / 651-656 rubble - fault bxa 1' recov minor steep fault
						10° C.A. subhorizont sticks / 656-660 intact minor qtz-cc crackle bxa /
						660-661 rubbly / 661 - EOI intact No signif faults
243.5 L	17030	17919 0		122	5IB101	calc-silicate ± bio ±2 minor
						Mod hrd to mod soft, med grey to dk med grey, well lithified, calc. phyllite
						White to green-white mottled to green-brn-white mottled granular qtz
						bands Typical 5BO Excellent short sections calc-silicate
						minerals Qtz-calc-biot-actinolite. Diff from above w/ clean-cut
						noncalc, non biotitic phyllite bands for this unit Mod brkn to intact
						TOI - 723 / 723 - EOI intact
253.5 L	17919 0	18320		123	5IB012	calc silicate ± bio
						Dk grey to med grey, well lithified, calc, mod hrd to mod soft phyllite Typical
						5B texture Similar to Unit # 22 only phyllitic bands dk grey Intact

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

All 5BO units have slight crackle bxia of qtz-cc tension gashes, etc.

DDH 79.V.X.01 (columns 2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

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Date: July 27/84 Logged By: GAS/KCP

	Code	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
289.8	L	8320	9510		24	5B10	cal.-silicate bio
							Mod. hrd, med grey, well lithoned calc phyllite. Similar to Unit # 22. Bluish greenish grey noncalc phyllitic bands interlayered w/ mottled green-white-brn bands. Contrast to higher up DDH - more uniformly biotitic. By 940' core takes on overall brownish med grey colour. Propnt granular / phyllitic bands constant in DDH about 1/3 grey phyllite / 1/4-1/2 granular white / remainder fine micaceous qtz-calc bands. Good example of 5B transitional to 3D. Intact - recov OK. Few steep cc veinlets to crackle zones & tension gashes
295.1	L	9510	9685		25	5B01	calc-silicate bio I 6
							Mod hrd, PS2 fltd, weakly calc, brnish grey phyllite. Same as Unit # 24 only less lithon-forming granular qtz bands. Intact
296.6	L	9685	9735		26	5E01	BIO
							Thickly laminated to v. thinly banded. Finely xlline blue-grey marble interbanded w/ slightly calc biot-actinolite (?) — dk brnish grey phyllite. Very unusual lithology. 20% marble bands. PS2 fltd - no lithon texture. Intact. Not lithons but rather marble bands.
317.9	L	9735	10430		27	5A16	
							Mod "dolomite flash" PS2 fltd, dk grey, thinly PS2 striped, mod. hrd to hard, noncalc, carbonac., sil. phyllite. Minor py flecks along S2. Negligible granular qtz-sulphide bands. Minor 5D4 band 1" at 987, & 1013 - 1 1/2", sharp S2 ‖ contacts. TOI - 974.5 mod. brkn / 974.5 - 981 INO gouge & rubble 50% recov / 981-1001 rubble, brkn core, broken chippy (possible signif fault) 40% recov / 1001 - 1043 mod v. brkn to rubbly, 80% recov. /

possible 45° CA vertical slicks rake 0°

DDH 79.V.X.01

Cyprus Anvil Mining Corp.
Lithologic Log

Date: July 27/84 Logged By: GAI/LLP

	Code	From	To	Recov.	No.	Unit	Description
	1	10–14	16–20	22–24	26–28	30–34	35
319.3	L	10430	10480		128	5D6	±0 Weakly patchily calc, mod. soft, med green, PS2 fltd chloritic phyllite. Mod. brkn to rubbly - recov OK.
342.5	L	10480	11240		129	5A16	9 v. minor Wk to mod "Dolo flash" Dk grey, PS2 fltd, noncalc, mod hrd to hard, thinly PS2 striped, carbonaceous, siliceous phyllite. Py laminations/streaks & minor po along S2. Similar to Unit #27. Still no granular qtz bands. TOI-1056 rubbly, recov 60% IND/ 1056-EOI mod. to v. brken w/ many rubble & poker chippy intervals. Recov. OK ≈ 80%
342.8	L	11240	11252		130	5C34	weak Off white to med green, PS2 fltd, chloritic, calcar phyllite w/ fine mottled fltd texture like leopard rock. Margins light coloured - musc-rich. Intact.
345.4	L	11252	11335		131	5A16	9 minor Similar to Unit #29. A few py-qtz bands along S2. Mod bken - recov OK
346.6	L	11335	11375		132	5A16	(5C3 ±4) 50:50 5C as 1' at TOI & EOI & short int. in middle. Mod. bkn - recov OK
352.8	L	11375	11580		133	5A16	9 py-po Noncalc, PS2 fltd, dk grey, hrd, sil. carb. phyllite. Minor qtz-sulphide banding w/ py-po similar to 4A bands. Mod. brkn to intact

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2 8

Cyprus Anvil Mining Corp.
Lithologic Log

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Date: July 27/84 Logged By: GAS/CCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
356.0	L	111580	111685		314	51B14	bio calc-silicate (5DO) (10Q# chlorite po) 85:05:10
							Mod. hrd, light grey to white w/ green & brn mottled bands. Mottling often bands. Slightly calc. Musc-qtz phyllite grading downward to musc-chlorite/actinolite-po phyllite w/ act-po in bands & grading further down to include bio. Strange altered / possibly calc-silicate rocks. 5D is blue green.
367.5	L	111618	112016		315	51D16	± bio ± 3 minor
							Fine grained, well fltd, mod. homogeneous, bluish med green, PS2 fltd chlorite-actinolite (?) phyllite. Generally nonscalc — has a few calc seams. Below 1196' more calc than above. Bio rich bands related to calcareous bands & could be interbands of altered phyllites, reaction rims around qtz bands, 5C gone to bio. Core intact TOI-1193 / 1193-1198 mod. bitty, rubbly, poor chippy — recov OK / 1198-EOI rubble 5' recovery. No sign. gouge. Much of section for calc in vein qtz cc. in rubble.
							Not normal 5D — more homogeneous, color bluish green, rather than yellowish or olive green. Fine mottled texture could be relict sgn. — this could be 5C-fine grained
369.3	L	112016	112120		316	31G19	
							Mod hrd to hrd, md. dark grey to dk grey, nonscalc, PS2 fltd, sphal-bearing (minor) in pressure shadows around boudins. TOI-1209 rubbly 80% recov 1209-EOI intact
369.6	L	112112	112130		317	51D10	(5C3)
							Strongly fltd, homog, med green, calc phlogitic phyllite w/ fine mottled texture. Basically intact

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

DDH 79-V-X-01

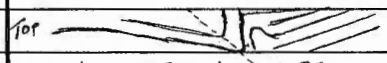
Cyprus Anvil Mining Corp.
Lithologic Log

Date: July 27/84 Logged By: GAJ/LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
372.3 L	12113 0	12212 0		318	3669	calc silicaty M-L dk grey w/ greenish cast, PSZ flkd, noncalc, homogeneous, mod hard to soft phyllite. Alternating dk grey soft phyllitic bands & harder greenish gtose bands — Laminated thickly. Fltn surfaces med dk grey — like dk version of 36 calc-sil in DDH A007. Poker chippy / recovery OK
376.5 L	12212 0	12315 7		319	3668	minor "calc-silicaty" M-L greenish grey, PSZ flkd, noncalc, soft, thinly to thickly laminated, homogeneous overall phyllite. Thin dk grey phyllitic laminae alternate w/ harder greener, gtose laminae. Sz foliation silvery med grey w/ slight green cast. Core intact
387.0 L	12315 7	12700		410	5D61	[(368)?] Largely noncalc, PSZ flkd, bluish-green, gen. homogeneous, chloritic phyllite. Minor diss po. Unit has grey bands. Similar to Unit #35. M-L soft to mod hard. Metabasite? 30% 10Q above 1242. Intact to TOI-1256 / 1256-1266 1½' recovery possible mis-latch / 1266-1270 few inches of ground core
						EOH

DDH 79.V.X.01 (2 — 8) Cyprus Anvil Mining Corp. Page 13 of _____

Structural Log Date: July 20/84 Logged By: GAJ/LCP

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		11160	P1S2				710	
S		11360	P1S2				410	CSn 33/270 post-D2
S		11650	P1S2				215	CSn 10/220 post-D2
S		11710	P1S2				212	
S		11714	P1S2				212	
S		11810	P1S2				10	
S		12103	P1S2				311	
S		12127	P1S2				015	
S		12319	P1S2				05	
S		12510	P1S2				015	
S		12514	P1S2				310	
S		12614	P1S12				611	ax plane of post D2 fold = 40 sheet dip of S2 is 00
								for  Bottom
								picture of P2 & post D2
S		12617	C1S12	D			617	
S		12714	P1S12				614	
S		12719	P1S12				415	CSn 25/090 post D2
S		12911	P1S12	D			513	→ CS2
S		13012	P1S12	D			518	→ CS2
S		13210	P1S2				418	
S		13317	P1S12				619	CSn 15/015 post D2
S		13415	P1S12				518	
S		13619	P1S12				615	→ CS2
S		13820	P1S12				515	
S		13917	P1S12				518	
S		14113	P1S12				618	
S		14310	P1S12				610	
S		14414	P1S12				613	
S		14612	P1S12				710	
S		14716	C1S12	Z			615	
S		14910	C1S12	D			610	
S		14912	C1S12	D			610	CSn 40/015 post-D2
		15014	C1S12	D			615	

DDH 79-VX-01 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: July 28/84 Logged By: GAJ/LLP

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		15119	CS12	S			710	
S		15410	CS12	D			610	→ PS2
S		15730	CS12	S			515	
S		15911	CS12				610	
S		16090	CS12	S			610	
S		16266	CS12	S			514	
S		16420	CS12				617	→ PS2
S		16720	CS12				215	
S		16790	PS12				613	→ CS2
S		16860	PS12				610	
S		17050	CS12				710	→ PS2 same D
S		17200	CS12	D			610	→ PS2
S		17400	CS12	S			70	→ PS2
S		17510	CS12	D			510	
S		17740	PS12				710	→ CS2
S		17880	CS12	S			68	
S		18100	CS12	S			710	
S		18250	CS12				618	symmetry unreliable M?
S		18370	CS12				615	→ PS2
S		18610	CS12				710	→ PS2
S		18810	PS12				613	
S		18940	PS12				615	
S		19130	PS12				710	
S		19360	PS12				710	
S		19550	PS12				715	
S		19730	PS12				710	CSn? 40/000
S		10011	PS12				713	
S		10117	PS12				715	
S		10270	PS12				015	S2 steep from 1023-1032 —
								down core axis
S		10315	PS12				616	
S		10417	PS12				618	
S		10618	PS12				810	
S		10780	PS12				710	
S		10912	PS12				610	1 Tilton says 25-30° off DD
S		11170	PS12				710	

DDH 79.V.X.01.

Cyprus Anvil Mining Corp.

Structural Log

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Date: July 28/84 Logged By: GAJ/LCP

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
S		11300	CS2	S			74	
S		11480	PS2				72	
S		11610	PS2				55	
S		11790	PS2				68	
S		12110	PS2				85	sphal. present
S		12360	PS2				71	
S		12460	PS2				75	
S		12660	PS2				70	
								EOH

DDH F.A.79.V.X.1 (2–8) Cyprus Anvil Mining Corp. Page 16 of _____

FEET [redacted] 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	
F	1120	1137	TR	5				
F	1137	1157	GFX	2				
F	1157	1169	2BR	7				
F	1169	1171	2B					
F	1171	1177	R3B					
F	1177	1187	R	3				
F	1187	1197	BR	3				
F	1197	1205	BR	5				
F	1205	1214	2B					
F	1214	1216	R					
F	1216	1227	BR	4				
F	1227	1249	BR					
F	1249	1255	R3B					
F	1255	1290	2B					
F	1290	1296	B	2				
F	1296	1303	B	5				
F	1303	1310	B	6				
F	1310	1333	2B					
F	1333	1340	1B					
F	1340	1353	2B					
F	1397	1429	2B					
F	1527	1569	2BR	5				
F		1637	1R					
F		1628	1R					
F	1651	1656	RX					10° to CA subhoriz slicks
F	1661	1661	R					
F	1703	1712	1B					
F	1973	1974	2B					
F	1974	1981	GR	5				45° to CA vert slick
F	1981	1010	RBT	4				
F	1010	1043	3BR	8				
F	1043	1048	2BR					
F	1048	1056	R	6				
F	1056	1124	3BR	8				
F	1125	1137	2B					
F	1137	1158	1B					

C.A.M.C. 1981 – E – 4

DDH FA79VX1 (2 — 8) Cyprus Anvil Mining Corp. Page 16 of _____

[redacted] 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	
F	1,1,9,3,0	1,1,9,8,0	2,B,R					
F	1,1,9,8,0	1,2,0,9,0	R	7				
F	1,2,1,3,0	1,2,2,2,0	T					
F	1,2,5,6	1,2,6,6	M,P	1				
F	1,2,6,6	1,2,7,0	C	0				

CYPRUS ANVIL MINING CORPORATION Page 1 of _____

DIAMOND DRILL CORE LOG Date: _____

Hole Number: 79VX02

Reference Fabric Orientation Diagram:

Project: Vangorda Plateau remap

Location: _____

Claim: _____

Terr.Plane Co-ords.: 6902649.4 N

CAMC Mine Survey: 594239.1 E

Grid Co-ords: _____

Elevation: 1173.75 m.

All symmetry determinations looking

Total Depth: 1397.0 feet = 425.8 metres NW with 52 dipping

Inclination: -90° SW with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: LCP/GAS Date(s) Logged: _____

Drilling Contractor: ARCTIC

	Size	CORE From	To
Casing		0.0	21 feet
	NQ	21	1397 feet

Collar Cased and Capped: _____

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

Page 2 of

DDH 79VX02

Diamond Drill Core Log

Date: Logged By:

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
1	2–8	10–16	17–24	25–32	34–39	41 42	
T	79VX02	1173.8	902649.4	594239.1		52	

Feet

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2–8	10–14	22–26	28–32	34–56
R	79VX02	00	180.0	0.0	AT COLLAR
R	79VX02	1690	172.2	061.0	
R	79VX02	3660	168.0	58.0	
R	79VX02	5690	165.0	53.0	
R	79VX02	7690	163.5	73.0	
R	79VX02	9690	162.0	61.0	
R	79VX02	11690	162.0	68.0	
R	79VX02	13690	159.0	68.0	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R					
R					
R					
R					
R					
R					

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
1	2–8	10–56

DDH FA79VX2 ~~79VX02~~ (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: LCP/GAJ

Code	From	To	Recov.	No.	Unit	Description
	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
L	0 0	21 0		1	#	no core.
	21 0	34 5		2	369	[5B62]
						dk grey to black, soft, non calc, poorly lithoned, phyllite
						Dark PS_2 bands separating m grey micaceous lithons
						Banding on 1-3 cm scale
						Strongly weath to lt orange rusty brown on S_2
						Mod broken, recvy ok
	34 5	120 5		3	360	±3 ±9 [5B6±0]
						soft med m grey to dark mid grey, PS_2 foliated to poorly
						lithoned weakly calcareous, strongly banded in shades
						of grey between m grey and darker grey phyllitic
						chts has bands of lmd grey granular qtz which
						locally contain calcite and locally contain green
						actinolite(?) and/or minor po.
						bands generally // S_2 and locally form lithon
						texture
						±9 = 55'-68' is dk grey to black with better developed lithons
						and is very rusty brown weathering locally porous
						Bottom of unit is bottom of surface weathering
						Unit contains po porphs with qtz pressure shadows
						Core moderately broken locally rubbly eg at
						92' & 95' & 107'
						Recovery ok - no significant faults.
						Lower contact gradational partly lithon break/partly
						carbon break

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

DDH 79VX02 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
46.9	L	1120 S	1540		4	SB20	
							dk grey, mod soft to mod hard, well lithoned phyllite contains well developed granular qtz, calcite, actinolite or epidote, pyrite $\frac{1}{2}$% minor po bands. Bands finely laminated and generally 2-5 cm thick separated by dk grey to black noncalc S$_2$ stripes 1-2 cm thick. Unit is 50% (40-70% depending on location)
							core intact locally mod broken, no faults, good recvy
62.5	L	1540	2211 S		5	SA16	9 minor
							dk grey to black, hard (can slightly scratch with knife) PS$_2$ foliated, non calc (but strong "dolo flash") siliceous phyllite tr carb micaceous qtzite; strongly laminated w/black S$_2$ folia between thin more qtzose lithons.
							"Weathers" to grey with slight bluish tint (on cut surf)
							contains fine subhedral specks of py and lesser po - also mm sized, $\frac{1}{2}$ coarser white qtz with dissem po bands to lenses
							overall S^2 ≈ 1%, and ~$\frac{1}{2}$ is in qtzose bands
67.1		S					intact
	L	2211 S	2223		6	SDO	(SA16) 70:30
							3 bands of SD with sharp S$_2$ // contacts - 2-4" thick
94.6	L	2223	3105		7	SA16	9 minor
							same as #5 but have minor black chert nodules - dissem S^2
							dominantly po locally get more of the qtz-po stringer/bands. *
							Intact minor rubble $\frac{1}{2}$ tr gouge at 263' no significant faults
							*Than unit 5 but still less than SA19

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

DDH 79VX02

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
95.7	L	3105	3140		8	3GP	
							mod soft mgnsy to med dk grey, Ps_2 foliated, non calc phyllite
							minor gtzose bands containing actinolite(?) & some po up to
							1 cm thick - not lithonod - homogeneous - lighter than
							above - no dolo flash.
							Intact
98.1	L	3140	3220		9	SA10	9 minor
							dk grey to black, hard siliceous carb. phyllite, with gtzose
							bands to 5 cm thick with gtz, calcite, minor po. locally
							laminated; showing lithon texture -
							similar to #7 but calcareous sections
							Intact
103.2	L	3220	3370		10	3G09	minor
							med grey to dk grey, mod soft, Ps_2 foliated generally
							non calc phyllite
							Contains Ps_2 striping color banding in shades of grey -
							locally with fine S, II lamination between stripes.
							Very minor calcite of small percentage of rare gtzose
							bands
							dominantly Po porphs.
							Intact
105.3	L	3370	3455		11	SA16	9 minor (3G09 minor) 90:10
							dominantly siliceous phyllite like #7 with 5-10 cm
							interbands of phyllite like #10 - minor irregular
							chert nodules - dominantly po in porphs and in
							gtzose bands - good dolo flash.
							Intact.

DDH 79VX02

Cyprus Anvil Mining Corp.

Lithologic Log

Page 6 of _____

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
110.6 L	3455	3630		12	3609	(SB169minor) 90:10
						dominantly soft banded med dk grey non calc phyllite - banding in lighter grey gtzose material which locally forms lithons.
						Scattered A porphs some with Sj as inclusion trains in the porph
						This soft phyllite has blk chert nodules locally
						Unit contains interbands of hard dk grey siliceous non calc phy as above
						Small 383 band 2" @ 352
						Intact
113.3 L	3630	3720		13	SB116	9minor → SB216
						dk grey to black, hard, lithonod, non calc Phyllite
						lithons marked by more gtzose bands seperated by dark PS stripes - no calc silicates seen -
						has no porphs as in #12
						Seperated from last unit by being harder and
						Slightly darker overall.
						intact
						minor ½" 38/50 interbands in last 1'
113.7 L	3720	3730		14	3833	
						Thick gtz calcite vein at upper contact
						Intact.

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

DDH 79VX02

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
115.0 L	373.0	377.5		15	SA16	
						Same as #13
						Upper contact rubble & incipient gouge - no major faults
						moderate to intense "d.l. flash"
						otherwise intact
123.5 L	377.5	403.5		16	360	±9±1
						m. grey to dk grey, mod soft to hard, pS$_2$ Fol, non-calc phy. - "d.l.b flash"
						Banded in shades of grey 5-15 cm bands, generally lt grey bands are harder
						Scattered po porphs flattened in S$_2$
						Contains minor qtzose bands with dissem po.
						Intact.
127.7 L	403.5	419.0		17	SA16	9 minor ± 3 minor
						Dk grey to black hard, pS$_2$ foliated, noncalc, phyllitic
						Strong "d.l.b flash"
						Distinctive thin "beaded" mm thick qtzose po bands
						414-415.5 contains thin D$_2$ folded calcite bands/lamine
						Intact
						PO porphs
131.6 L	419	432.0		18	360	"calc-silicate"
						(Lower contact gradational arbitrary ± 10')
						mod soft med grey pS$_2$ foliated noncalc to slightly calc phyllitic distinguished by comp banding // S$_2$ with dk grey phyllitic bands and slightly lighter qtz-calc po ± calcite bands (generally, 1cm - 5 or 10 cm thick)
						More po in qtzose bands than phyllitic bands.
						"Calc-Silicate" means green mineral is more apparent in these rocks - Intact

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

DDH 79VX02 (2–8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

	Code	From	To	Recov.	No.	Unit	Description
	1	10–14	16–20	22–24	26–28	30–34	35
166.3	L	4320	5445		19	360	Calc silicate, ±3
							very similar to last unit – in addition to fine grained gtz rich bands – get bands that are coarser gtz actinolite ± calcite ± po. I.E. unit is 1st appearance of bands with coarse very mottled grey/white texture and green selvages – minor epidote or garnet! associated. commonly these bands form good lithon texture – Coarse texture and irregular appearence may imply these were pre D_2 veins – They look like what we call "Stringers."
							Moderately soft, ps_2 foliated, banded in shades of grey (with greenish tint) very slightly calcareous (in bands) phyllite
							Intact
168.2	L	5145	5520		20	360	BXA
							coherent fault rock in above lithology – S_2 disrupted so that it slips steeply – steep fractures throughout –
							gtz vein fragg in flt rx
							overall orientation 30/000
							recvy ok
173.1	L	5520	5680		21	360	"calc silicate" minor
							mod soft, med grey, ps_2 fol. non calc Phyllite.
							comp banded in shades of grey ± light green gtz ± minor diss act + po, no calcite bands 1-2 cm thick (up to 5) no lithons, ~~grey~~ bands soft N.C. phyllite (3-5 cm thick)
							get intense calc ± po crackle bxa cutting rocks.
							Intact

DDH 79.V.X.02 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
174.5 L	5618 0	5712 6		~~22~~ 36		BXA + GOUGE
						broken 10° in BXA - upper contact at 26/000
						steep fractures & shears thru zone
204.8 L	5720	6712		23	360	± → (369') 80 : 20
						mod soft, non calc, ps_2 foliated, med grey
						Phyllite-
						Contains very sparse fine gtz vein interbands with minor fine
						disseminated po ± act. (make up ~ 10-20 % of unit) within
						"matrix" of med grey ± lt grey banded phyllitic rock-
						First 30' down hole color lightens, from med dk grey
						above 600' to med grey below that.
						Broken to 576' recvy ok.
						576-604 = Intact
						604-610 = v. broken to rubbly ~ 2/3 recvd.
						610-672 = intact
						minor 10° s_2 foliaform gtz veins with chl selvedges -
						veins up to 15 cm thick
330.1 L	6720	7225		24	360	"calc-silicaty" minor ± 3'
						Same as #19 - has coarse mottled gtz act ± calcite
						± po bands (calc weathers tan) - base phyllite is just
						like unit 23. - unit contains 5-10 % of these bands
						705-695 = intact
						695-702 = v. broken to rubbly - appears related to
						steep fracts 0-30° to CA. - recvy ~ 80%

These are essentially the same phyllites as in A-7 and differ from the above phyllites (ie. ~419' down) only in the lack of the coarser gtz act "stringy" bands

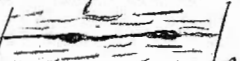
C.A.M.C. 1981 - E - 3A

702 - 722.5 = mod broken to rubbly, recvy ok

DDH 79VX-02

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	7225	7640		25	3G09	
						med dk grey, ps_2 fol, non calc, mod soft, phyllite
						Interbanded dk grey phyllitic (2-40cm) ± lighter grey (5mm-12cm)
						very fine gtz-se — some with light green mineral and
						most with fg. dissem po.
						Unit slightly darker than normal 3G0
						intact
L	7640	7783		26	3G01	
						mod soft, med grey, ps_2 fol, non calc phyllite
						abundant gtz veining going down in interval (last ⅓)
						mod broken to very broken toward EOI
						last 1' is rubble incip. gouge — IND may be 11 to S_2
						but S_2 is disrupted here.
						As unit 23
L	7783	7916		27	3G09	minor | minor
						Slightly darker than above unit and mod soft
						to mod hard ↓ a bit harder — boils down
						to a transition into underlying unit — involved
						with much gtz calcite crackle brx.
						786-787 = 1' rubble otherwise, intact good recvy.
L	7960	8225		28	SA16	9minor [3G91Gminor] (10 a little light for SA)
						dk grey to black ps_2 fol, hard, non calc phyllite — strong
						dolo flash. "weath" to pale grey with v. slight
						bluish tint — minor po flecks and fg D_2 Folded gtz po
						bands locally they form small bthins or "headed comp
						banding. "→  ps_2 Po has rusty brn weath-
						Like carbonaceous colors up the hole.
						intact — minor rubble no faults

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

233.8

238.6

could be lumped (240.3)

251.4

DDH 79.V.X.02 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1825 0	1915 0		29	3601	±9 (10009ps chl)
						378.8m mod soft to mod hard, locally hard, dk grey to med grey, PS_2 foliated non-calc phyllite
						Banded in grey & dk grey on scale of 5 - 50 cm.
						Lighter bands tend to be more gtzose and contain fine disseminated actinolite(?) (not readily noticable except on wet core) darker bands are phyllitic-micaceous — over 582 have 1' that contains calcite bearing bands. also these bands contains biotite — otherwise non calc.
						lower contact gradational - darkening and increase in bio gtz act ± calcite bands
						core is mod broken to intact - recov at 865 ± 877' contains significant proportion of chl chl qz veins up to 15 cm thick ∥ S_2 - ≈40% of that section
L	1915 0	1945 0		30	35193	387.9m calc silicatey (3F9 calc. silicatey) 70:30
						dk grey to black, mod soft to mod hard, variably calc phyllite/ marble.
						Very phyllitic portions are dk grey to black PS_2 foliated — into bands with good lithon text of granular gtz + act + bio + epidote(?) ± calcite
						In places these calc silicates are joined by finely x/n dk grey mbl — local bandinage of silicate bands in mbls.
						Calc sil & mbl assemblages are 10 - 50 cm thick commonly
						Resembles rocks immed below Deal Lk fault
						at SW End of Grum — (as seen in 82A 19 150-156m typo box)

Intact.

DDH 79VX02

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Logged By:

299.5

maybe lump these 2 units at least mentally. 319.3

Code	From	To	Recov.	No.	Unit	Description
L	945.0	983.0		31	3GD	Bio-calc sil
						mod hard to mod soft, med dk grey, dominantly PS2 foliated but locally with good lithons, variably calcareous phyllite, S2 folia dk grey to black.
						Overwhelming texture is a fine homogenous calc-sil assemblage w/1-5mm spaced stripes of act(?)orchl(?)(ie green min) + bio + minor po ± calcite (calcareous bands are more biotitic) locally see good thicker comp banding (of coarse calc-sil fine ca sil/phy) probably related to original comp banding on several cm scale.
						Has an unusual salt and pepper texture of the calc sil mineralogy that just doesn't occur much.
						This is a dominantly calc silicate rock rather than the usual patchy minor calc sil development, yet its not a good 3D lithology - yet.
L	983	1048		32	3GO	→(3G9)(3GD) 50 : 50 calc sil/noncalc sil
						heterogenous interbanded unit - background phyllite is mod soft to soft med grey non calc PS2 foliated smooth cutting phyllite (ie 3GO) interbanded is calc silicate assemblage consisting of bio + act/chl(?) ± calcite that dominantly has same homog microlithon texture as #31 and locally develops a good macrolithon texture - Interbanding on 10-50cm scale proportions are 50/50
						As a whole unit becomes progressively more carbonaceous down hole + calc sils are harder to see down hole but this may just be masking since there's still calc sil there.
						Differs from above unit mainly in having substantially thicker phyllitic interbands (ie it's 50% phyllitic as opposed to 10% or so in #31)
						Intact.

DDH 79.VX.02 (2 – 8) Feet

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 26 July 84 Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
319.9 L	1,0,4,8,0	1,0,4,9,8		33	3F9	(3G93) 50:50
						v. dk grey to black interbanded calc phyllite and finely x'ln dk grey mbl / good mbl bands 1cm to 5 cm thick - some bandinage of phyllite interbands. Minor py & po disseminated and hard to hard. Intact.
326.6 L	1,0,4,9,8	1,0,7,2,0		34	3G91	
						similar to #31 - has stronger grey color and less readily visible biotite homogenous, ps, foliated, (but with good fine microlithon texture) only locally calc mainly non-calc, moderately hard. med grey calc silicate banding phyllite intact
332.0 L	1,0,7,2,0	1,0,8,9,5		35	3G9	calc silicate, borderline ±3 (3F9) 80:20 med hard, to hard dk grey to black PS foliated to locally, lithonod Granular qtzose bands with act(?) bio ± calcite. Common thin beaded qtz bands. Interlayered dk grey finely x'ln mbl - in bands 5-10 cm thick forming sections to 50 cm thick Granular qtzose bands are 15-20% of 3G9 and are 15 cm thick + finely laminated internally, phyllite contains minor dissem po > py < 1% total intact
		1,1,0,2				

C.A.M.C. 1981 – E – 3A

DDH 79VX02

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Logged By:

Code	From	To	Recov.	No.	Unit	Description
L	1089.5	1102.0		36	3G0	"calc-silicaty" ±3 → 3GD as in unit #31
						medium greenish grey mod soft to mod hard PS2 foliated
						locally slightly calcareous calc silicate bearing phyllite,
						S2 folia med dk grey uniformly, cut surface generally shows fairly regular thick interbands of internal homogenous green & grey bands in detail have very fine minor lamination forming microlithons or lithons
						calc sil assemblag is ep ± act + bio ± calcite with a fine microlithon
						texture in detail -
						Diffusely color banded in grey and green/brown on scale of 5-10
						cm
						Intact
						at 1091' = 10 cm non calc green rock ≡ 3B2
L	1102.0	1111.5		37	3F9	(3G9 ± 1) 60:40
						non calc, mod soft to hard, dk grey to black, PS2 foliated, homogenous Phyllite
						medium interbanded with hard, dk grey, finely Xln - internally thinly
						banded to laminated
						Core is intact to 1103.5
						1103.5 - 1108 = mod broken to rubbly - not significant fault
						1108 - EOI = intact to mod broken
L	1111.5	1173.0		38	5A16	
						dk grey to black hard non calc PS2 foliated phyllite -
						strong "club flash" laminated to thinly banded // S2
						md dk grey ± trace microlithons & dk grey - blk S2 folia -
						upper portion more "striped" lower portion more homogenous
						in detail with dull grey phyllite (rather than bluish grey), with internal seml texture
						along PS2 (→ boudinage)
						This unit is overall homogenous in detail thinly laminated // S2
						and this is PS2 striping used previously

Left margin: 335.8; 338.7; 357.4

this unit actually has less S = than normal for SA19 - local py bands seem to be fracture controlled rather than original.

Right margin: ← this has been this hole and will be called homogenously medium banded in future

Core intact to 1135.5
1135.5 - 1137 = rubble : gouge
1137 - 1154 mod broken to rubbly 30-30 cm rubble zones S2 at very acute 4 to core axis, polished surfaces at ~25° to CA slicks rake 70-80°
1154 - EOI = intact

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

Scale of banding: laminated: to 1 cm; thin to 5 cm; medium to 20; thick > 20

DDH 79VX02 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

	Code	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
359.2	L	1,1,7,3,0	1,1,7,9		39	3B3	Bio minor
							fine grained, med green, slightly fo med calc ± bio minor
							Upper contact with 5A is gradational with fading
							from dk grey to green over 1' - in detail contact is
							sharp and fade out zone is bleaching of phyllite -
							lower contact is faulted (minor fault at 45° to CA)
							intact
369.5	L	1,1,7,9,0	1,2,0,6,0		40	5A,1,6	
							overall homogenous PS_1 fol. non calc silic carb phyllite -
							moderate "dolo flash" - not strongly PS_2 striped as
							above unit - similar base of # 38
							intact
369.9	L	1,2,0,6	1,2,1,4		41	1,0,9,0,9	minor
							lower contact ∥ S_2 upper veins a little
388.7	L	1,2,1,4	1,2,5,6		42	5A,1,6,9	minor
							PS_1 foliated, generally overall homogenous - minor thin granular
							qtz $\overset{py \approx po}{\wedge}$ bands - local small black chert nodules
							closer to PS_2 striped -
							non calc but moderate "dolo flash"
							intact
386.5	L	1,2,5,6	1,2,6,8,5		43	5C3	(3D) 95:5
							3D is 1.5' at EOI
							foliated, med fine grained, m dk green chl ± bio (minor) phyllite / metabasite
							1267.5 is pale green pale brown bounded very hard silicious altn
							halo presumed to be altered silicified phyllite next to metabasite
							intact

DDH 79VX02 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
393.3 L	1268 S	1287 S		44	3G9	±9 minor med gray to m dk grey med soft to med hard, ps_2 foliated non calc phyllite — S_2 folia are shiny dark grey Dissem flattened po porphs. overall homogenous internally thinly laminated in shades of grey 11 S_2 mod broken essentially intact
403.8 L	1287 S	1323 0		45	5C3	± $ (3B3 minor ± B10) (3D-1) (3G48:) 50:20:15:5 Central portion of unit is strongly foliated alternating lt grey dk green irreg. lam altered 5C metabasite = Leporod Rock - Upper 10' is homogenous weakly calc — dk green 3B with patchy B10 development Interbanded with both is strongly laminated in shades of pale brn — pale green very hard, locally slightly calcareous phyllite exactly the same as the bleached altered phyllites noted at 1267 - top 1.5' and 1296' - 1298' In lower 15' are v thick interbands of non calc; pale med to grey green, homogenous to ghostly laminated, med hard, musc-chl phyllite that may be altered phyllite of a different type at 1314 - 1319' & 1320.5 - 1323. Intact. = Metabasite complex with related alteration — alteration may imply all were originally intrusives
404.6 L	1323 0	1328 0		46	3G0	±9 minor non calc, mod soft to soft, m. grey to med dk grey ps_2 striped/thinly banded to laminated phyllite — striping & solin related intact

DDH 79VX02 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
412.6 L	13,280	13,540		47		hard to soft, coherent fault bxa clasts ranging widely in size to up to 1' or more in med grey finely ground rock flour matrix - moderately siliceous (as are the pieces) fault probably overall 20-30° to CA based on internal shears - upper contact is 30/000 (sub horizontal slicks) bxa frags cut by tension gash → crackle bxa that may be related to matrix silicification intact, recov ok
415.6 H L	13,540	13,645		48	3G0	±9 minor (5C3) Same as #46 also as frags in fault - minor 5C3 at top for 1' minor fault Bxa at top minor rubble near top otherwise intact
420.5 L	13,645	13,810		49	5C3	±bio (3G48) tr homogenous to poorly banded/laminated // foln - slight relict ign text., med green to yellowish green., med soft to soft Contains thin interband of greenish grey altered phyllite at 1367 From 1369 to 1377 is fault BXA involving metabasite bull qtz and phyllite frags / clasts at ~20° to CA and with subhorizontal slicks recovery ok - fault zone is rubbly locally Since fault within unit presumably its small.

DDH 79VX02 (2–8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10–14	16–20	22–24	26–28	30–34	35
L	1380	1397		50	360	(SC3$)(SD4$) 60:20:20
						thick to medium interbanding of 360 phyllites similar
						to those above fault (unit) and SC3$ metabasite
						and SD4$
						m. Grey 3G phyllite is mod hard - slightly harder than
						normal - related to faults?
						Intact to mod broken at end. local crackle
						breccia with qtz filling - some internal units separated by
						minor faults.
						1397 = EOH!
						Top of hole to ~420 is carb siliceous phyllite with
						some probable Vangorda calc phyllites to 155'.
						Myo/Vangorda body at 420 with carb ex being SA.
						TO~915' is garden variety 3G with carb phy interbands
						TO~1111' is calc sil minor mbl variably carbonaceous variably
						siliceous package.
						To 1258' is siliceous carbonaceous package
						to EOH is 3G with metabasite interbands. -
						Section of Mt Mye fm from 420 down compares
						fairly well with 456-75-14 at Faro.

425.7

C.A.M.C. 1981 – E–3A

DDH 79VX02 (2 Feet 8) Cyprus Anvil Mining Corp. Page 19 of _____

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		1270	CS2				58	
S		137	CS2	S			67	
S		154	CS2	Z			65	
S		172	CS2				71	CS_N = 42/070
S		182	PS2				63	CS_N = 35/050
S		1102	PS2				75	CS_N = 35/020
S		1115	PS2				65	→ CS_2
S		1125	CS2	S			58	
S		1137	CS2	S			72	Z's nearby
S		1151	CS2	S			65	
S		1161	AS2				60	
S		1177	PS2				59	→ CS_2
S		1196	PS2				76	CS_N = 45/020
S		1204	PS2				70	CS_N = 35/000
S		1212	PS2				70	CS_N = 33/000
S		1232	PS2				68	
S		1246	PS2				62	
S		1262	PS2				60	CS_N → fract clev. = 38/000
S		1277	PS2				80	
S		1291	PS2				73	
S		1306	PS2				80	→ CS_2 CS_N = 25/000
S		1320	CS2	S			80	
S		1327	PS2				83	
S		1347	CS2				85	→ PS_2
S		1359	CS2	S			75	
S		1386	CS2	S			78	
S		1391	PS2				70	weak CS_N 35/000
S		1405	CS2	S			84	
S		1412	PS2				82	→ CS_2
S		1426	PS2				72	
S		1443	PS2				71	
S		1462	PS2				82	fract. clev 55/000
S		1482	PS2				82	
S		1492	PS2				85	
S		1507	PS2				86	
S		1527	PS2	Z			75	→ CS_2

DDH 79VX02 (2 / 8) Cyprus Anvil Mining Corp. Page 20 of _____

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		1542	P S2				815	
S		1555	P S2				70	
S		1578	P S2				70	
S		1592	C S2	S			72	? able place for symmetry
S		1612	P S2				70	
S		1620	C S2	S			68	
S		1632	P S2				70	
S		1649	P S2				90	
S		1659	P S2				74	CS_N 39/160
S		1664	C S2	S			77	
S		1687	P S2				80	some QKS nearby
S		1703	P S2				90	→ CS_2
S		1713	P S2				75	CS_N = 30/180
S		1724	P S2				75	
S		1729	P S2				01	} related to CS_N forming event → faulting out fold hinge?
S		1734	P S2				30	
S		1738	P S2				67	CS_N = 15/045
S		1744	P S2				75	CS_N 35/040
S		1753	P S2				80	
S		1767	P S2				75	
S		1780	A S2				64	CS_N 45/340
S		1796	P S2				75	CS_N 35/040
S		1808	P S2				40	
S		1810	P S2	S			81	→ CS_2
S		1832	P S2				85	
S		1846	P S2				72	CS_N 50/000 CS_N ~~50~~ 45/180
S		1860	P S2				83	
S		1878	P S2				75	
S		1885	P S2				85	CS_N = 40/180
S		1912	P S2				85	CS_N = 60/250
S		1917	P S2				75	
S		1937	P S2				85	→ CS_2 CS_N = 67/???
S		1944	P S2				80	CS_N 40/000
S		1961	C S2				90	nice F_2 folds but H Sy sheet dip ~45°
S		1977	C S2	S			85	? symm close to H
S		1995	C S2	S			78	good sym.

C.A.M.C. 1981 - E - 4

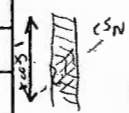
DDH 79.V.X.02 (2 / 8)

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
	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		1,015	P S2				77	CS_N = 60/180
S		1,038	P S2				88	
S		1,057	C S2	S			75	
S		1,077	P S2				90	
S		1,092	P S2				78	
S		1,117	P S2				85	
S		1,132	P S2				72	CS_N = 55/160
S		1,141	A S2				65	post D_2 fold axial 30/000
S		1,157	A S2				75	
S		1,163	P S2				80	weak CS_N 30-45/325
S		1,190	P S2				85	CS_N 60/160
S		1,198	P S2				85	
S		1,202	P S2				73	CS_N 25/600
S		1,218	P S2				75	CS_N 50/000
S		1,236	P S2	S			80	CS_N 32/000
S		1,245	P S2				79	
S		1,272	P S2				60	
S		1,282	P S2				85	PS_2 on post D_2 fold long limb CS_N - 55/180
S		1,290	P S2				80	
S		1,303	P S2				83	CS_N 45/000
S		1,321	C S2	S			69	
S		1,345	P S2				58	
S		1,362	P S2				51	
S		1,388	P S2				75	
S		1,396	P S2				75	



DDH EA79VXZ (2–8) FEET

Cyprus Anvil Mining Corp.

FAULT [redacted] Log

Date: Logged By:

Code	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip (28)	S_0 Direct. (–32)	S_1 Dip (34)	S_1 Direct. (–38)	S_2 Dip (40)	S_2 Direct (–44)	Description
F	210	1205	2B								
F		920	R								
F		950	R								
F		1070	R								
F	1205	1540	1B								
F		2630	1RG								
F		3730	R1G								
F	5457	5520	FX				30	000			
F	5520	5680	3XQ								
F	5680	5720	XG		26	000					
F	5720	5760	B								
F	6040	6100	3BR	6							
F	6950	7020	3BR	8							0-30° to CA
F	7020	7225	2BR								
F	7640	7820	2B								
F	7820	7830	G				99	999			
F	7860	7870	R								
F	7830	7960	2XQ								
F	8250	9150	1B								
F	11035	11080	2BR								
F	11080	11115	1B								
F	11355	11370	RG								
F	11370	11540	2BR								Steep S_2 – faults at 25° to CA steep slicks
F		11790	1F								45° to CA
F	12685	12875	1B								
F	13280	13540	3FX		30	000					20-30° to CA sub horiz slicks
F	" "	13550	FXR								
F	13690	13770	FXR								20° to CA sub horiz slicks
F	1380	1397	1B								

plot @ 1000 scale

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-1X-2

Project: VANGORDA

Location: VANGORDA [illegible]

Claim: _____

UTM Terr. Plane Co-ords.: 6902649.4 N

597[illegible] E

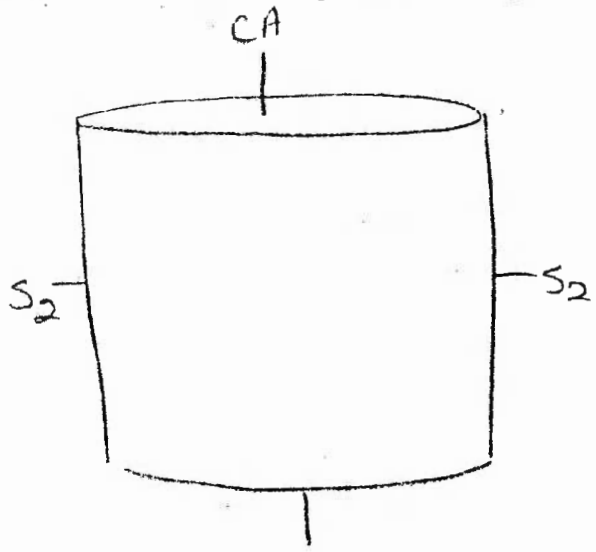
Grid Co-ords.: _____

_____

Elevation: 4[illegible]3.7[illegible]

Total Depth: 13970

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 220°.

Purpose: _____

Logged by: JWM Date(s) Logged: _____

Drilling Contractor: [illegible] Core: Size From To Collar Cased and Capped: ____

_____ _____ _____

_____ _____ _____

_____ _____ _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

DDH 79-VX-2

Diamond Drill Core Log

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 4
T	79-1V1X1-R	1173.75	9026491.4	5941239.1	FEET

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 5
R	79-1V1X1-R	0 0	161.0	.	AT COLLAR
R	79-1V1X1-R	1169 0	172.2	061.0	
R	79-1V1X1-R	1616 0	168.0	058.0	
R	79-1V1X1-R	1569 0	165.0	053.0	
R	79-1V1X1-R	1719 0	163.5	073.0	
R	79-1V1X1-R	1969 0	162.0	061.0	
R	79-1V1X1-R	2169 0	162.0	068.0	
R	79-1V1X1-R	2369 0	159.0	068.0	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

Code	Drillhole	Comments, Errant Remarks, Snivellings and/or Lewd Suggestions
	2 8	10

Cyprus Anvil Mining Corp.
Lithologic Log

DDH [illegible]

Logged By: IWM

Cod	From	To	Unit	Code	Description
1	10–14	16–20	22 23	25–27	
L	00	210	01	#	OVERBURDEN
L	210	1242	02	5B2	increasing carbon content towards EOI, variably calcareous
L	1242	1543	03	5A0	3 not typically 5A at beginning of interval. → 5B2, increasing carbonate content towards end of interval. → 5A3 po present as small blebs
L	1543	2032	04	5A9	variably calc. throughout, typical 5A, po ≥ py at beginning of interval increasing to po > py. typical thin seams + threads silica throughout.
L	2032	2220	05	5A3	1 As in unit 04 increasing silica carbonate content.
L	2220	2229	06	5B2	
L	2229	2576	07	5A9	As in unit 04, po > py in seams, foliaform, blebs + crystal form. Both in this unit and 04, locally (over 1-3 mm) grades to 4A0 – possibly some Zn grades of 1-2% over these small intervals.
L	2576	2725	08	5A9	more phyllitic, generally non calc. foliaform po, po > py.
L	2725	3032	09	5A9	As in unit 07 po >> py, po ≈ 1% total over interval.
L	3032	3140	10	5B2	po
L	3140	3213	11	5A9	as in unit 09, variably calc
L	3213	3520	12	5BA	Carbonaceous 5B po >> py, po ≈ 1% overall, 50% 5B2 throughout
L	3520	3721	13	5B2	as in unit 12, slight increase in 5B, po >> py etc; varib. calc.
L	3721	3735	14	5D3	
L	3735	4190	15	5A9	slightly "coarser grained" – not as phyllitic po >> py po ≈ 1-2% small – larger blebs [illegible] appearing [illegible] around

DDH 79-MX-2 Cyprus Anvil Mining Corp. Page 1 of 2

Lithologic Log Logged By: JWM

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	191/190	151/178	15	5B10	locally to 5B2 trace sulphides? generally calcareous (variable) throughout. chloritic development although intensity is somewhat sporadic & localized
L	151/178	151/183	16	5D15	
L	151/183	151/554	17	5B10	As in unit 15
L	151/554	151/887	18	5B10	clay + gouge - probable fault zone.
L	151/887	151/683	19	5B10	As in unit 15, 17 - minor sulfides py=po ± 0.5%
L	151/683	151/703	210	5A10	graphitic gouge zone
L	151/703	151/815	211	5A10	→ 5B2
L	151/815	171/600	212	5B10	Large shug 5B minor localized development chlorite, variably calc. (not very) local grades to 5B2
L	171/600	171/996	213	5A19	po > py ≥ 1% total po+py as foliaform generally non-calcareous.
L	171/996	171/820	214	5B10	→ 5B2 increasing chlorite, generally non-calc.
L	171/820	181/327	215	5V19	po≥py, variably calcareous
L	181/327	191/900	216	5B10	2 (3?) as in unit 24, abundant, sporadic chlorite development sulfides = trace but po≥py, variably, (minor) calcareous throughout. not distinct from any 5B - possibly greater C
L	191/900	191/999	217	0120	
L	191/999	197/444	219	5A19	5 total sulfides ≥ <0.5?, 10-15 CO_3 throughout Po ≥ Py (Py > Po?) locally goes to silicated marble sulfides as thin seams, fracture fillings, foliaform "lenses", small blebs etc. locally chloritic
L	197/447	198/300	229	5D5	graphitic coatings, variably calc. chlorite extensively overlooked - esp. along ≤ 5, trace sulfides.

DDH 79-VX-2 — Cyprus Anvil Mining Corp. — Page [illegible] of [illegible]

Structural Log

Logged By: WM

Code	From	To	Feature	Sym	S1 Dip	S1 Direct.	S2 Dip	S2 Direct.	Description
1	10–14	16–20	22–24	26	28	32	34	38	
S		270	CS2				60	220	
S		420	F2	S			74	220	S Symm 21-42
S		570	CS2				80	220	
S		680	F2	Z			70	220	Z region 42-68
S		820	F2	S			75	220	S region 68-82
S		850	F2	D					D.D. 82-85
S		970	PS2				68	220	
S		1120	F2	P			58	220	PS2 97-112
S		1230	CS2				57	220	S region 112 – 141.0
S		1410	F2	S			65	220	
S		1465	F2	M			72	220	M region 141.0 - 146.5
S		1570	F2	S			55	220	S region 146.5 - 157.0
S		1770	PS2				68	220	
S		1970	PS2				75	220	
S		2170	PS2				70	220	
S		2250	F2	P			66	220	PS2 157.0 - 225.0
S		2370	CS2				70	220	
S		2510	F2	S			63	220	S region 225.0 - 251.0
S		2615	PS2				55	220	
S		2660	F2	P			74	220	PS2 251.0 - 266.0
S		2750	F2	S			73	220	266.0 - 275.0 S region
S		2870	PS2				80	220	
S		2970	F2	P			70	220	PS2 275.0 - 297.0
S		3032	F2	M					M region 297.0 - 303.2
S		3170	CS2				70	220	
S		3370	CS2				78	220	
S		3450	F2	S			85	220	S region 303.2 - 345.0
S		3477	F2	M					M region 345.0 - 347.7
S		3570	CS2				83	220	
S		3770	F2	S			80	220	S region 347.7 - 377.0
S		3820	F2	M					M " 377.0 382.0
S		3980	F2	P			75	220	PS2 382.0 - 398.0
S		3995	F2	Z					Z region 398 - 399.5
S		4080	F2	P			76	220	PS2 399.5 - 408.0
S		4300	F2	S			70	220	S region 408.0 - 430
S		4435	PS2				70	220	

DDH 79-VX-2 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: IWM

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		14515.0	FI2	P		710 21210	PS2 4300-4550
S		14710.5	FI2	Z		712 21210	Z region 4550-4705
S		14810.0	FI2	M		814 21210	M " 4805-4810
S		14919.0	FI2	P		810 21210	PS2 4810-4940
S		15017.0	FI2	S		810 21210	S region 4940-5070
S		15217.0	FI2	M		815 21210	M region 5070-5270 PS2
S		15517.0	CIS12			810 21210	
S		15685	FI2	S		615 21210	S region 5270-5680 (PS2)
S		15760	FI2	M			Breccia region 5680-5760
S		15870	FI2	M		710 21210	M region 5760-5870
S		16070	CIS12			710 21210	
S		16212.0	CIS12			715 21210	
S		16312.0	FI2	S		810 21210	S region 5870-6320
S		16417.0	PIS12			810 21210	
S		16611.0	FI2	P		714 21210	PS2 6320-6610
S		16717.0	CIS12			716 21210	
S		16910.0	FI2	S		710 21210	S region 6610-6900
S		16987	FI2	P			PS2 6900-6987
S		17095	FI2	M		810 21210	M region 6987-7095
S		17216.0	FI2	S		515 21210	S region 7095-7260
S		17430	PIS12			714 21210	
S		17617.0	FI2	P		710 21210	PS2 7260-7670
S		17717.0	FI2	S		510 21210	S region 7670-7770
S		17916.0	FI2	P		710 21210	PS2 region 7770-7960
S		18116.0	CIS12			814 21210	S region 7960-8292
S		18219.2	FI2	S			PS2 region 8292-9170 (minor SHZ)
S		18316.0	PIS12			719 21210	
S		18516.0	PIS12			418 21210	
S		18716.0	PIS12			716 21210	
S		18916.0	PIS12			811 21210	
S		19116.0	PIS12			815 21210	
S		19117.0	FI2	P			S region 9170-9320
S		19320	FI2	Z		811 21210	Z region 9320-9350
S		19350	FI2	Z			PS2 region 9350-9580
S		19512.0	PIS12			812 21210	
S		19580	FI2	P			S region 9580-9670

DDH 79-MX-2 (2 8) Cyprus Anvil Mining Corp. Page 8 of 8

Structural Log Logged By: DJH

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		1916700	IF12	E		810 2120	Z region 967.0 - 983.0
S		1918130	IF12	Z		811 2120	PS2 region 983.0 - 990.5
S		1991050	IF12	P			M region 990.5 - 1005
S		1001020	CIS12			718 2120	
S		1010150	IF12	M			PS2 region 1005.0 - 1052.
S		1012120	PIS12			715 2120	
S		1014200	PIS12			713 2120	
S		1015120	IF12	P			Z region 1052.0 - 1057.0
S		1015170	IF12	Z		712 2120	S region 1057.0 - 1075.0
S		1017150	IF12	S		714 2120	PS2 w/ minor R & 1 "Z"
S		1019150	PIS12			815 2120	1075.0 - 1102.0
S		1110200	IF12	P			R region 1102.0 - 1214.0
S		1116600	PIS12			718 2120	
S		1136600	PIS12			715 2120	
S		1156600	PIS12			719 2120	
S		1176600	PIS12			615 2120	
S		1196600	PIS12			814 2120	
S		1211400	IF12	R		812 2120	Z region 1214.0 - 1217.5
S		1211750	IF12	Z			R region w 2 "S" and
S		1213100	PIS12			718 2120	post D2 folding 1217.5 -
S		1214900	PIS12			718 2120	1267.8
S		1216178	IF12	R		715 2120	PS2 region 1267.8 - 1299.0
S		1218700	PIS12			602 120	(post D2 folding)
S		1219900	IF12	P			RS2 region 1299.0 - 1323.
S		1310170	PIS12			810 2120	
S		1312130	IF12	R			PS2 region 1323.0 - 1328.6
S		1312170	PIS12			715 2120	(post D2 folding)
S		1312180	IF12	P			Post D2 bxia 1328.0 - 1341
							- no sym, no S2
S		1314100	IF12	P		515 2120	PS2 region 1341.0 - 1364.5
S		1315800	PIS12			712 2120	- post D2 folding
S		1316450	IF12	P			RS2 region 1364.5 - 1380.0
S		1317700	PIS12			619 2120	
S		1318100	IF12	R			PS2 region 1380.0 - 1397.0
S		1318600	PIS12			714 2120	
S		1319700	IF12	P		713 2120	

CYPRUS ANVIL MINING CORPORATION Page 1 of _____

DIAMOND DRILL CORE LOG Date: _____

Hole Number: 80VX01

Reference Fabric Orientation Diagram:

Project: Vangorda Plateau remap

Location: _____

Claim: _____

Terr.Plane Co-ords.: _____ N

_____ E

Grid Co-ords: _____

Elevation: _____

All symmetry determinations looking

Total Depth: 817.8 metres _____ with _____ dipping

Inclination: -90° _____ with dip azimuth _____.

Purpose: Dump site & Testing Vangorda - Mt. Mye contact

Reason hole Terminated: _____

Logged by: GAJ Date(s) Logged: July 31/1984

Drilling Contractor: ARCTIC

	Size	CORE From	To	
	Casing	0	46.0	metres

Collar Cased and Capped: _____

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp. Page 2 of _____

DDH 80VIX01 (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)	
T	80VIX01					512	

Code	Drillhole (2–8)	Depth (10–14)	Zenith Angle (22–26)	True Azimuth (28–32)	Comments (34–56)
R	80VIX01	0	180.0	0.0	AT COLLAR
R	80VIX01	153	.	153.0	
R	80VIX01	1414	.	319.0	
R	80VIX01	2316	1616.5	518.0	
R	80VIX01	3217	1601.0	431.0	
R	80VIX01	5110	1512.0	412.0	
R	80VIX01	6012	1501.0	351.0	
R	80VIX01	6913	1481.5	281.0	
R	80VIX01	7514	1514.0	151.0	
R	80VIX01	7814	1514.0	117.0	
R	80VIX01	8153	1514.0	111.0	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R					
R					
R					
R					
R					
R					

Code	Drillhole (2–8)	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions (10–56)

C.A.M.C. 1981 – E-2

DDH 80VX01
metres

Cyprus Anvil Mining Corp.
Lithologic Log

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Date: Logged By: GAJ/FMS

Code	From	To	Recov.	No.	Unit	Description
	0	46.0		1	#	no recovery
	46	54.5	80	2	5C3	"leopard rock" [5C35]
						mod. soft med → dk grn/wht mottled, calcareous, str. CS2 foliated meta basite
						typical lep. rk texture of dk grn chl. folia alt to grey white calc.
						patches. Unit is mod. calc. overall. Maybe some inter layered alt. phyll. in
						last metre. Core is mod. broken from 46 → 52.7 m.
						52.8m there is few inches of clay, poss. cave, & to EOI is mod.
						broken. Recovery ~ 80%
	54.5	64.9		3	5B68	[5F6]
						soft to mod. soft generally non calcareous, pale yellowish to greyish grn, thickly
						laminated to thinly banded Chloritic phyll. S_2 surfaces are pale silvery
						grn sugg. fairly > substantial musc. content. Only a short section, upper
						2m is calcareous near 56.7. Unit may include some meta basite,
						particularly 56 m → 56.7m. Strongly developed color banding & planar
						musc. fol'n sugg altered phyll. Unit is CS_2 to PS2 foliated.
						Unit basically intact until 60.8 m & 60.8 → 62.5 mod. broken, some
						rubble, incipient gouge. 62.5 – 64.4 intact, 64.4 – EOI strongly
						broken. The recovery o.k. except 60 → 62.5 where 0.5m missing
						No sig. faults in unit. Overall poorly developed lithons.
	64.9	76.0		4	5C3	"leopard rock"
						Mod. soft to soft, mod. calc., strongly lithoned, str. fol. meta basites similar
						to unit #2. Unit contains many thin qtz veins ∥ to S_2 & may contain
						some zones of altered phyllite. Color is med. to dk green w light grey to white
						streaks & patches, overall mottled text. Overall mod to strongly broken,
						to 69.4 m, 69.4 → EOI is mod. broken w many zones of gouged
						incipient gouge & some possible cave from uphole, also local rubble.

at 75.0 m there are short sections of Biotite rich.
- This unit essentially part of next unit but exaggerated marginal variance of metabasites

C.A.M.C. 1981 – E – 3A

DDH 80VX01

Cyprus Anvil Mining Corp.
Lithologic Log

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Date: ______ Logged By: GAJ / FMS

Code	From	To	Recov.	No.	Unit	Description
27.8	76.0	91.4		5	5C6	± 3 minor mod soft → soft, generally PS2 foliated, generally non calc, mottled green (med to dk) metabasite. Fine to med. grained, generally homogeneous. Short sections of good leopard rock texture, but overall just homog. foliated metabasite. below 86.6 is diss. calcite in specks & bands. Core status: TOI to 77.9 is intact, 77.9 → 80.3 mod. broken w/ zones of ind. gouge w/ 0.7m core lost, 80.3 → 91.0 mod. broken w/ minor ind. gouge locally ~80% recovery, 91.0 → EOI rubble & ind. gouge. Note: no sig. faulting in unit & just look at tendency of 5C to turn to gouge on its own. Biotite (86.6-86.9) rich interval + amygdules rarely in unit. Last 2m of unit has odd text. looks like dilatent veins reminiscent of asbestos textures.
28.8	91.4	94.4		16	5B80	[SF3] mod soft, mod calc. PS2 fol. mod. lam. yellowish green, white → med green. Altered Phyll. similar to unit 3. Core is very broken w/ rubble at top & bottom.
44.7	94.4	146.8		17	5B0	Mod soft → mod hard, med grey, well lithoned to PS2 foliated, calcareous, med grey phyll. S_2 foliation surfaces are a steely med grey. Unit largely PS2 fol. above 123m w/ good lithon dev. below that. Unit is thin to thick lam. in shades of dk med grey to white reflecting abund. of calcite/quartz bands. Bands 1→2mm to 1cm thick, alt. w/ greyer, generally non calc, phyll. component of about same band thickness. The white calcareous lithon forming bands might amount to as little as 20% of unit mainly in lower portion. Remainder is subequal amounts of pelitic micaceous bands and finely granular qtz. calcite layers w/ variable mica contents. Some section in upper ½ of section str. calc.

- Core is mod broken to intact to 113.8 m. Minor fault at 101 ∠30° to core axis. Minor ind. gouge at 108.1, short rubbly sections 1m up or down hole from there, recovery to 113.8 seems to be OK

DDH 80VX01

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Logged By: GAJ / FMS

	Code	From	To	Recov.	No.	Unit	Description
							113.8 → 117.4 very broken to rubbly w minor ind. gouge w 1.8m
							recovered, minor flt.? Unit contains scattered pyrrhotite pseudomorphs after Py.
							117.4 - EOI Intact to locally mod. broken, recovery ok
46.1		1468	1514		8	5B68	±0 minor
							med. grey w wht banded gen. noncalc phyllite similar to unit 7 ~~except~~
							wht bands tend to be Dolo. rather than Calc, well lithoned, mod. broken to
							intact, minor rubble + ind. gouge at EOI related to small fault
							40° to core axis. Unit distinguished only w acid, does not weather brn.
51.2		1514	1680		9	5B0	
							Med gry, well lithoned, CS2 fol., calc mod soft - mod hard phyll.
							As above. Unit contains Po porphs, local devel. of grn mineral in lithons
							Actinolite?. Unit is a pale yell. grn to grn wht variably calc +
							gen. Dol. slightly tan weathering, mod soft → mod hard well banded
							chl. musc. phyllite. S2 folia are pale silvery grn., no remnant grey,
		unit 10 description					however they are planar + musc. looking. Rock text. similar to
							above unit w it has a grad. contact w above unit over 1m
							from which it appears to have been derived. Color of S2 folia similar
							to color that using for ALG weak. Core is intact to loc. mod.
							broken. Looks like ultra carbonated SB, related to fault near
							end of last unit?
52.8		1680	1734		10	5B45	8±0 description

unit 9 description: core intact to 157.3m. 157.3-158.3 mod broken to rubble + recovery in length OK. 158.3-162.3 intact + ok minor fault 40/o 90. 162.3-163.1 str. broken rel. to calc veining. 163.1-164.8 intact. 164.8-167 rubble + very broken core recovery seems to be ok + no major fault. To EOI is intact

DDH 88VX01 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Page 6 of _____

Date: _____ Logged By: GAJ/CMS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	1,713	1,715		11	5BB10	Mod. lithified, pale yellowish grn to wht thickly lam. calc. chl. musc. phyll.
53.5						Texturally sim. to last unit but stronger grn clr & is calc. rather than Dyke. Unit is intact
	1,715	1,915		12	5C13	(5DO) 97:3
59.6						Homog. med – dk grn calc., mod to str. fol., finely to med gr. speckled in whites & greens metabasite. PS2 → CS2 foliated, 2m of f.g. fol. marginal phase at top + 0.5m at bttm. Upper marginal phase may include minor alt. phyllite. Marginal rocks look like 5DO + probable.
						Rock doesn't have well developed leopard text. but is more speckled overall but loc. can be seen grading into "leopard" texture rock. Unit is intact & recovery is wonderful.
59.8	1,915	1,916		13	5F13	[5B80]
						Mod hard, well banded, calc., thick to thin lam., in shades of wht & med grn. Chlorite musc. phyllite. Folia are med to dk grn. This is "classic" "5D Field" now called 5F & is altered Vangorda. Unit is intact
60.1	1,916	1,917		14	5D10	
						Mod soft calc. str. PS2 fol. med grn chl. phyllite locally w/ fine lithon str. developed in white calc. bands. Overall fairly homog. may include alt. 5B0 phyll. Intact rec. ok
61.1	1,974	2,010		15	5B80	
						Unit dominantly med. grn to grn wht, str. banded, thickly laminated calc chl. phyllite identical to unit 12, lower ½ of unit includes minor inter banded metabasite, core is intact & recovery is ok
61.4	2,010	2,011		16	5C13	
						Med to dk grn, PS2 fol, generally homog Calc Chl Phyll / meta basite leopard rock textures in center of unit. Resembles marginal phase of unit 12
						intact, minor incipient gouge in middle of interval

DDH 80VX01 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: GAJ / TMS

	Code	From	To	Recov.	No.	Unit	Description
	1	10–14	16–20	22–24	26–28	30–34	35
61.9		2016	2030		17	5B810	
							med grn/wht well banded, well lithmed, calc chl. phyll similar to unit 15, intact. Includes sections difficult to tell from 5C, lower
							contact is indistinct
62.7		2030	2057		18	5C13	± $ (10Q#$) 80:20
							Very similar to 2m, tsup hole but contains interbanded qtz veins. May
							contain some altered phyll. Core is mod. broken to intact w minor incip. gouge
64.0		2057	2099		19	5B810	(5DO)
							Banded Calc. Chl phyll as per prev. units & has interlayered w
							two 0.4 m layers of 5D metabasites. Core is intact to mod. broken
							& recovery is good.
64.3		2099	2109		20	5C13	
							As above. Intact w minor incip. gouge at EOI.
64.6		2109	2112		21	5B810	[5F3]
							Thin → thick lam med grn/wht calc. Chl phyll., good planar
							banding. Typical 5D field. Identical to unit 13
71.8		2112	2358		22	5C13	± 6 mineral
							Homog. fine → med grained, prom. wh + rem. felds.?, speckled
							metabasite, invariably calc., mod fol., locally w good S_2 crenulations.
							230.5 m 0.4 m of leopard rock textured metabasite, appears to be
							a highly strained zone w in otherwise homog. metabasite.
							Intact core. Very similar to unit 12. Minor chilled zones at
							top & bottom?
75.1		2358	2464		23	5B810	(5DO) minor
							Thinly to thickly lam. Grn Calc Chl phyll + grades down hole
							into poorly lithomed grnish to grn ish grey Calc musc. phyll w
							faint grey tinge on S_2 fol'n

DDH 80-VX-01

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: GAS/FMS

Code	From	To	Recov.	No.	Unit	Description
						Eventually grades into 5B0 grey Phyll. 5D0 is in 0.25 ± 0.1 m interbands in top 1m. Unit is mod soft. Contains Po after Py in last 2m
86.7	2464	2845		1214	5B0	
						Med grey mod soft to mod hard, well lithoned, Calc, locally strongly calc. phyll. Typical 5B0. Po porphs, unit is intact minor crackle veinlets filled w calcite / Tension gashes in last 4.5 m
89.0		4912		1215	5B0 1	± Bio BXA
						Extensively crackle brecc. + patchily biotite bearing grey Calc. Phyll. Unit is same as above but more intense veinlet & fracture biotite overprint. Crackle veinlets / Tension gashes are more abundant & finely spaced down section. Last ½ m is steered basically along S_2 w steeper X-cutting fractures + last metre of unit has no Biotite, recovery is perf.
89.6	2912	2914		1216	5B16	$ ± 2 very minor
						mod broken to rubbly, fault at 40° to C.A. near middle of int. lower contact is gradational
90.9	2914	2982		1217	5B10	± $
						Med grey, mod lith., Calc. phyll., slightly dolomitic in upper 1m Core is intact
91.0	2982	2988		1218	5B10	
						Grn + wht banded Calc Chl phyll, may include some SC, highly foliated "leopard rock" at top. Core intact.
91.2	2988	2994		1219	5C1$	±3
						Typ. leopard rock textural, intact

DDH 80.VX0.1 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
91.5		21919	31010		310	5BBO	*
							Med grey grn banded Chl. musc. phyll. Intact
92.6		31010	31019		311	5IBIO	±B minor
							Med grey, mod soft, calc. phyll, minor lithon develop., slight grnish tinge towards top
92.8		31019	31019		312	5BBO	
							Banded lt to med grn/wht Calc chl. musc. phyll., mod broken
93.5		31019	31016		313	5DIO	(5C$) 60:40
							f.g. strongly P_{S_2} fol. Calc, med yellwish grn Chl. phyll, interbanded in leopard rock textured 5C, + the 5C is Dolomitic in med-dk grn porcelaneous mottling
93.7		31016	31017		314	5BBO	
							lt tomed grn/yllwish grn banded Calc. chl. musc. phyll., ~~Patchy~~ mod broken.
93.8		31017	31018		315	5IO3I	[5DO]
							lt yllwish grn → olive grn calc. chl. musc. phyll. Unit sim. to last unit but contains cdr diff + harder center of finely leop. rock textured possibly meta basalt. Mod. broken
95.3		31080	31112		316	5IBIO	± Bio ± Calc. silicaty
							med grnish grey mod hard → mod soft, mod calc., poorly lithoned phyllite. Contains basalt in patchy areas related to S_2 fractures X-cutting S_2. S_2 foliation med. silvery grey. Mod broken to intact
98.5		31112	31243		317	5CG3	± $
							Med-dk grn, mottled to foliated, leopard rock textured, calc, dolomite meta basalts, Unit is texturally very heterogeneous largely due to abundance of qtz carbonated veins

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

DDH 80VX01 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
						TO1 to 317.3m is intact, 317.3 to EOI is str. broken w/ several zones of incipient gouge, prob not major faults. TO1 appears to be a fault // to S_2. Recover ok
98.1	312139	312139		318	5B8B6	Non Calc. thinly banded, lt to med grygrn, Chl musc phyll. Non calc version of 5D Field = 5F6
98.9	312139	312145		319	5C3	Pseudo leopard rock textured, may be altered phyll. S_2 foln. med → dk grn., Ambiguous texture but resembles portions of unit # 37
99.1	312141	312152		410	5B8B6	Identical to unit 38
99.2	312152	312157		411	5C4	Texturally identical to unit 39 except it is dolomitic. Somewhat better Leop. texture of amoeba mazing Chl. foln. Overall color of this & last 5< has been gry grn rather than grn.
99.5	312157	312164		412	5B8B6	± 0 minor
						Identical to unit 40 but contains calcite in minor bands
100.4	312164	312195		413	5C4	± 3 minor
						Gry grn str. foliated, locally lithond, dolo. inverwhly calc. Chl rich phyll., Soft to med. hard. It has bands, stripes & patches of lt. gry carbonate & qtz? .1 → 20 mm thick separated by dk grn chloritic foln. Minor lithon texture appr locally approaches leopard rock texture, very similar to unit 41 etc.
100.7	312195	313055		414	5B8B6B	[5F6] (5C3)
						5B8 has med olive grn amoeboidic looking foln v. similar to above units. 5C3 is from 329.6 → 329.9

DDH 80VX01 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: GAJ - FMS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	313.10	313.16		145	15C3	
101.6						As above, almost leop. rk texture. Could easily be confused w alt. Calc
						phyllite. Unit is intact. Similar to last 5C units
105.1	313.18	314.18		146	15B8B10	± Bio minor ± 2 minor
						Med. yllwish grn Calc, well bnded, Chl musc phyll, pale fg to
						med fg grn Sz folia, last 1.5m contains patchily developed biotite &
						green mineral actinolite? in lithons. Bio assoc. w but not directly
						w/in lithon bands. Gradational lower contact. Core is intact
105.7	314.18	314.70		147	15B10	Calc silicaty Bio
						Med grey calc. phyll., mod soft → mod hard. varies from PSz fol at
						bottom to mod well lithoned at top. Lithons consist of grn actynolite &
						calcite qtz & lithons tend to be surrounded by biotite. Presence of bio.
						gives a patchy purplish brn cast to otherwise med grey unit. Sz folia
						are med – dk steely grey. The unit is kinder fully intact. Unit a shade dk grey than norm
108.4	314.70	315.57		148	15C3	
						mod to str. foliated, med grn, calc. Chl phyll., has good mottled texture
						transitional into fine leop. rk texture. (ie 1mm x 1cm lenses separated
						by chl. folia). foliation varies from PSz to CSz. Unit is intact & similar
						to unit 22 + unit 12. d/unitact
108.6	315.57	315.63		149	15B8B6	± 0 minor
						Med → dk grn, lt grn, thinly lam., variably, slightly calc. phyll. ± intact
113.4	315.63	317.21		150	15C3	
						Strongly fol., med grn, finely speckled, invar. calc. chl. phyll. Has
						fine wht speckles after plag.? & fine dk grn speckles after pxene?
						visible on cut surface dark specks refer to dark patches on Sz, reasonable
						igneous texture despite strong fol'n. Locally resemble "5 Dog"
						Similar to unit 48. May include band of calc. alt. phyll.
						358.4 – 358.7. Unit is intact

DDH 80 V X 0 1

Cyprus Anvil Mining Corp.
Lithologic Log

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Date: ____ Logged By: GAJ - FMS

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
113.8		372.1	373.6		51	5B80	[5F3]
							Med to lt yllwish grn / med grn thinly lam. calc. Chl. phyll. Unit is
							intact & sim. to several last phyllites near metabasites except here there
							is quite str. diss. green mineral in calcareous bands, actinolite?
128.5		373.6	421.7		51	5B0	± Bio minor ± Calc silicaty minor
							Med gry, PS2 to CS2 foliated, mod hard to mod soft calc. phyll.
							S2 surfaces steely med to dk gry. First 2m contains str. biotite
							coloration patchily dist., below that only occasionally present. Mod.
							strong develop. of green mineral in lithons (actinolite?) near top
							however much of unit is normal 5B w/ minimal grn. min. in lithons
							Interval from 402.4 to 404.4 was orig. logged as 5D3 w/
							was xed out & changed to 5B73 however essentially same as
							rest of unit to my eye. Might be a little less grn on fol'n surface.
					3		but w/in normal range for 5B0. intact int, except for minor rubble near 410.5 - 413
133.7		421.7	438.9		52	5B0	Bio ± Calc silicaty
							Med grey Calc. Phyll. w/ gen. PS2 foliated w/ minor lithons
							preserved. Cut surface of core has brn cast due to biotite development
							Biotite developed peripheral to granular calcite qtz bands as well
							as w/in them. Green min. also developed in those bands. Int.
							from 431 - 432.5 is lt yllwish grn Chl. musc. calc. phyll
							generally lacking biotite & was orig. logged as 5D3 + 5C however
							appears to be a short leached int. assoc. w/ veins? Texturally
							rem. of leop. rk. loc but musc. appearance to folia argues
							against 5CD. Could be 2 V. thin 5C's centred on 431.3
							w/ adjacent bleaching. Biotite wkly dev. in last 2m. Unit is
							intact.

Margin note: Minor rubble & indet. gou. at 415.5 - minor rubble from 383 - 384m - 397.7 - 399 ass. w/ small fault at 30° to c. w/ steeply raking sl. otherwise intact

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

DDH 80VX01

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Logged By: GAJ-FMS

	Code	From	To	Recov.	No.	Unit	Description
134.1		4389	4401		153		5C3 transitional into 5D3 (5B10)
					5		Med brnish grn to yllwish grn Calc. chl. phyll. Moderate CS_2
134.3		4401	4408		154	?	fol'n & strong S_1. S_2 fol'n are brnish grn + chl. spotted appears to
							be biotite. Last 0.3m is alt- banded phyll. To 440.8
							Core resembles coarse packed rectangular rabbit pellets. Core is
							micro blocky olive grn to yllwish grn. Appears to be rich in clay +
							has diss. throughout small calcite xtals/clasts & seems to have
							rel. intact calcite veins + tastes slitty but definitely clayey &
							not gritty to the teeth. Core disintegrates to clayey mass w slight pressure.
							Appears to have been intact rock rather than gouge. Appears derived
							from post D2 micro porphyritic dyke. Upper + lower contacts
							sharp at ~50° to C.A. + recovery is good for something so fragile.
					6		* check original log to see if this used to be rock ** yes it was 10E
140.2		4408	4601		155	5B10	Calc silicaty Bio
						6	Cal. silicaty Bio, moderately hard med brnish gry Calc-
							phyll. Is generally PS2 fol. w local lithon preservation. Has
							grn actinolite? or (Chl) in granular qtz lithons. Bio is
							adj. to lithons + assoc. w fine mixed mica calcite qtz
							bands. Bio not well developed in pelitic bands. Unit consists
							of 15% coarser granular quartz calcite bands w bio. and subequal
							amts of grey pelite and pinkish or purplish brn mixed mica calcite
							qtz ~~Banding is on a mm. scale~~ w a few cm of coarser
							calc. qtz alt. w gry or brnish gry bands about ½ as thick
							(internally laminated on a mm scale)
							This unit was intact!

DDH 80VX01 (2–8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: GAJ-FMS

Code	From	To	Recov.	No.	Unit	Description
	(10–14)	(16–20)	(22–24)	(26–28)	(30–34)	(35)
140.6	1460	1461 5		516	51B1B10	Bio Calc silicaty
				9		Essentially same as last unit texturally however grey bands are lt yllwish grn chlorite muscovite. This unit is intact
141.0	1461 5	1462 7			51D10	
						Yellowish med grn. PS2 foliated, calc. chl musc. phyll.
141.7	1461 2 7	1461 5 1		517	51B1B10	Typical irregular qtz calc veins. Unit mod. broken to incip. gouged & no faults → 5BO ± B Bio
				8		med grnish grey calc musc chl phyll generally PS2 fol. Has loc. bio rel. to granular qtz calc bands. Foliation surfaces are grnish gry. Locally pelite bands bleached totally to yllwish green especially at top.
141.9	1461 5	1461 5 8		518		
				9		Sand & rubble, core?
143.5	1461 5 8	1470 9		519	51C13	BIO
				60		Med brnish grey to grnish gry, strongly PS2 fol. Calc. Chl. Bio. phyllite w/ intervals of very broken med grey Bio tile bearing calc phyll.. Foliation surfaces in former are grnish brn to brnish gry grn & in latter grnish grey to grey. Interval contains rks whose textures resemble 5C foliated & 5b as well as 5B, cannot differentiate Unit mod. broken, rubbly 567 – 568.5 m. Is this alteration related to fault zone? Superimposed on already difficult metabasic to pelite package
160.8	1470 9	1521 6		610	51B10	Calc. silicaty Bio → 5BO calc silicaty
				1		Med gry Bio bearing Calc phyll. Brnish cast to cut surface same as in previous intervals. Unit rich in Bio in upper portion

C.A.M.C. 1981 – E – 3A

DDH 80VX01 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: July 30/84 Logged By: GAJ-FMS

Code	From	To	Recov.	No.	Unit	Description
1	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
						lithons/ bands contain grn mineral (actin.?) which persist throughout entire interval. Unit poorly lithoned overall in section of excellent lithons alt. w PS2. Core is intact to 514.2 + mod. broken to rubble to 514.5 + intact to EOI. From top of int. to 478m unit is extensively cut by post D2 calcite filled crackle veinlets / tension gash veinlets generally oriented // to core axis. Several fractures at 474.5 m oriented at ~25° to c.a contain tanned weathering (Dolomite) - and rocky weather nesty in vicinity. Core is intact mostly. Fracture at 521.3 at 20/325
163.1	15217	15315		1691	151816	± $ minor
				2		Med grey, tan weath., generally PS2 fol., non calc phyll., mod soft → mod hard. On cut surf. core is patchy flesh colored apparently after dolomite. This clr appears to be best developed around veinlets which appear to be carrying tan weathering calcite / Dolo., S2 folia are lt - med steely grey. Unit mod to very broken w several sections of rubble & ind. gouge & short sections of coherent fault breccia best of which is at 530.9 → 531.3. Consists of tan weath. dolo. clasts in a grey scaly rk. flour matrix. Contacts & internal fol. ~ 45° to c.a., Small frac. at end of int. also ~45° (30-50°) to c.a.. Related tension gashes may imply that this is a normal fault. Minor SD4 * band ~ 530.8m, 10cm long
164.4	15315	15339		1612	151816	± 0 minor ± 2 v. minor
				3		Med grey → non calc - slightly calc. in bands phyll., mod soft to mod hard, Has normal looking steely med → dk grey looking folia & does not weath. tan as above unit did. Unit strongly calc. veined, in tension gashes / crackle veinlets. 1½ m from & also ½ m from top o.I. are small frac. ~20° to c.a., both marked by minor fault breccia

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

DDH 80 VXO1 (2 – 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: ________ Logged By: GAJ – FMS

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
						At 538.5 is a minor fault marked by 2" of coherent flt. brecc. orient.
						30/080. Unit is tot. intact. all faults prob. subsidiary to above struct.
166.7	5395	5470		63	5B10	± calc silicaty ± Bio Phyll ± 2 v. minor
				4		Med gry, PS2 foliated, mod. soft to mod hard. Calc phyll. Very thinly to
						thickly lam. in shades of med gry to lt. gry reflecting variations in calcite+qtz,
						pelite in mixed bands. Develops minor Bio by ~574m & contains
						minor grn mineral (actin ?) in coarser granular calcite quartz
						bands. There are minor Po porphs. At 540.8 is a zone of intact fault breccia
						similar to those in above unit at ~20-45° to c.a. Appears to have
						subhoriz. slicks at least on some surfaces. Unit is less intensely calcite crackle
						veined than above however local more str. veined zones occ. related to flts
						at 30/270 to 30/180 subhoriz. slicks, all these are minor struct. presumably
						related to above fault. Unit is intact, recovery is perf. Is lack of
						biotite related to flt zone? This happens around some small fractures on a smaller scale
						∴ seems reasonable that it should happen on a larger scale (c.f. frac. flooding
						in calc silicates). Unit dker gry than normal
184.4	5470	6053		64	5B10	calc silicaty, Bio
				7		Consists of med gry variably calc. generally PS2 foliated, thin to thickly
						laminated (∥ S2), mod soft to mod hard biotite bearing Phyll. Unit
						has patchy brn + grn coloration on surf. due to development of bio + actin?
						in assoc. w/ coarser granular qtz calcite bearing bands. Bio./actin
						also appears developed in finer qtz plus mica bands. Bio. not yet developed
						In grey pelitic bands. S2 surfaces are largely still a steely dk med grey however
						many are starting to develop brn &/or grn tinge due to bio. or actinolite. the
						latter mineral appears as med. grn felty rosettes on fol'n. In some
						bands the grn mineral appears to be taking on a bluish grn tint

DDH 80-VX-01

Cyprus Anvil Mining Corp.
Lithologic Log

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Date: _____ Logged By: GAJ - JMS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Bio is not well developed below 596 m however grn calc silicates still well developed. This unit not as calcareous as SB up hole ∴ may reflect diff. metamorph. mineralogy or diff. composition. Has minor Po porphs. Unit appears to consist of ~80% coarser granular "siltstone" bands & subequal pelite in mixed bands. Overall unit would be classified as very thinly bended to thickly laminated ∴ siltstone bands heavy thinly laminated internally giving overall lam. appearance to unit. Unit is intact. Starting to get abundance of silicate bands over carbonate bands but is well minor. ∃ slight development of calcite filled veinlets/tension gashes ~20° to c.a., quite a few cat ~20/180, but also see 20/000, 20/90, + 20/270. Lower contact is sharp & marked by minor fault breccia. ∃ ⇒ there exists
185.5	16015	16018		1615	15E12	(5B20') 80:20
				6		Med soft to mod hard drk gry, generally PS2 foliated, weakly laminated, finely xtalline calcite marble to silicated marble interlayered ∴ minor drk gry homog. PS2 foliated variably calc.-phyll. Minor Bio developed in unit & unit appears to be bounded by a flt at upper contact. Internally, heavy calc.-crackle veined & may be a flt at lower contact since S2 very distorted in underlying unit & there is quite a bit of slicken sided fracture development in this unit at diverse orientations. Core is mud. broken to intact & recovery is ok.
186.6	16018	16112		16165	1A1169	
				7		Mod to v. hard drk gry to blk, PS2 foliated, thinly lam. to thickly lam non calcareous carbonaceous siliceous phyll. Unit contains well developed 1mm to 1cm wht coarse qtz Py banding similar to 4A. Minor chert (blk) nodules. Unit exhibits "Dolo Flash". Unit contains perhaps 1→2% sulphides, dom. Py + v. little sphal in xcutting qtz > calcite veins

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

DDH 80VX01

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Logged By: GAJ-FMS

Code	From	To	Recov.	No.	Unit	Description
						Unit intact to 611.4. 611.4 → EOT is rubble & ind. gouge possibly related to 45° dipping faults. S_2 contorted in upper ½ metre & in middle of unit perhaps related to faulting. Last 20 cm is intact post D_2 fault breccia. Appears to be a shallowly dipping fault. (Sulphides above average for 5A1 ∴ 5A19 minor not used.)
187.1	612.3	613.9		67 8	5C4$ ±	Tan weathering, lt pinkish brn fresh, qtz dolo, musc ± minor qtzite & fuchite carbonated metabasite, PS_2 foliated, contains minor chl streaks // to fl'n of typical 5C4$. Lower contact brecciated, flt ~ 70° to c.a. Unit mod. broken & sig. faults are external to unit
187.3	613.9	614.6		68 9	5A16	→ 5A164 Upper ½ unit flt. breccia & crackle breccia related to flts at 60–70° to c.a. Lower ½ unit lt. tan to off wht musc qtz phyll similar to bleached 5A seen elsewhere & in gradational contact w good 5A. Fault breccia at lower contact also w very diverse orientations. Unit intact except minor gouge in center of unit related to fault described.
194.1	614.6	637.7		69 70	5A16	9 minor Hard to mod hard, dk gray to blk, PS_2 foliated, homogeneous non calc carbonaceous siliceous phyll. Unit exhibits strong dolo flush PS_2. Less sulphide rich than above unit. Py sub equal to Po in quantity & largely occur in x cutting fractures or as fine dss. along S_2 rather than in qtz sulphide bands. The last 6 m of unit is more compositionally banded & while generally hard it contains thin blk soft bands & very minor dark calc. bands. Qtz sulphide banding to beading is weakly developed w/in interval in contrast to bulk of unit. Upper 4½ m has fairly str. lt. gry → dk gry PS_2 // striping, however bulk of unit uniform dull gry.

DDH 80VX01 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: GAJ - FMS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Top to 618.5 is mod broken, loc. rubbly & cut by many qtz calcite filled crackle veinlets/tension gashes at ∿ 25/180. Minor gouge & rubble zones w similar orientation. 618.5 – 636.1 unit basically intact. Recovery seems to be perfect. At 636.1 there is sand & rubble, may be a bit of core. Pulled the rods? 50% of material fell from 940.4m this rect. rubbit pellet. rest of unit to EOI is intact.
197.4	161317	161417	8	170	151E10	Bio (SB62 ± 0) 80:20 very thinly
				11		Finely xtalline, blue gry calc. marble, interbanded w brnish gry bio phyll w extensive boudinaged phyll layers interlayered on a medium banded scale w dk gry bands. PS folded satt, generally non calcareous phyllite. Unit is 80% boudinaged marble + bio phyll + 20% dk. phyll. The marble / bio phyll portions are ∿ 35% marble + 65% bio phyll. Not quite like anything I have seen in Vangorda fm & in contrast resembles closely 3FO deep in Mt Mye fm. Except finer grained, finer xtalline & less carbonate rich than that unit usually is. It differs from unit 65 m that there is more blue grey marble in this (unit 70) unit & biotite is much higher in this unit (unit 70). Overall appears to be more calcareous as well. Unit is intact & cut by calcite filled tension gashes/crackle veinlets as usual
206.9	161417	161592		171	51A11.61	9 minor
				2		Dk gry to blk, mod hard to hard, PS fol., non calc, carbonaceous, siliceous phyll. S_2 surfaces dk gry to blk & do not regularly dirty fingers, some are polished shiny blk, its very similar in C content & color to unit 69. This unit contains minor qtz sulphide banding w. Po > Py & about ½ is in 1mm to 1cm qtz sulphide bands & other ½ in fractures or diss. along S_2. Py preferentially w in fractures. Unit has mod strong "Dolo flash"

DDH 80VX01

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Logged By: GAJ-FMS

Code	From	To	Recov.	No.	Unit	Description
						Overall unit more compositionally heterogeneous than unit 69 but resembles last 3-4 m of that unit rather closely. Unit intact w perf. recovery. Cut by usual tension veins & a couple of msig. fractures (carb. filled) at 15° to C.A. Could be infold of unit 69 but no evidence of it. Lower contact gradational & in C content over last 0.3 m
201.4	6592	6611		725	5A11614	Bio (5DO Bio) lt grey qtz musc bio phyll, noncalcareous, cut surface when wet has a slight greenish cast & slight pink cast due to bio. Foliation surfaces are pale silvery gry to off wht. Contains minor dissem. Po along S_2 & its mod. hard. 660.6 – 660.8 m is interlayer of brnish to grnish grn homog. calc. bio. chl phyllite which is similar to next unit. This is altered/bleached phyll & is identical to wht phyll seen in 79VX01 & 81VX01 at no same level. Unit intact w perf. recovery.
201.6	6611	6617		734	15D10	Bio Homog. calc chl bio phyll. Unit is brn tinged bluish grn. The color is not normal 5D color but is more distinctly blue tinged rather than yllwish green of 5DO. Unit is intact.
202.1	6617	6632		745	5A614	Bio Very similar to unit 72 except has grnish gryer color locally & last 0.4 m is very biorich. Mod broken to intact.
202.3	6632	6640		756	15D10	Bio minor (5A614 Bio) 80:20 Bluish to gry grn calc. Chl > bio phyll similar to unit 73. Last 0.2 m of interval are grnish gry, mod hard, altered phyll as previous unit
203.1	6640	6665		767	15D6	[3BO] f.g. homog, med grn, non calc, PS2 foliated, mod soft, Chl phyll.

DDH 86VX01 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: GAJ - JMC

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						Mod. broken to rubbly from TOI 66 5.0, 66 5.0 → 666.2 intact & to EOI incipient gouge. S_2 foln are med grn to dk grn at EOI appear to be Serpentine minor
203.8	161616 5	161618 7		177	151C15	
				8		PS_2 foliated, soft, dk grn & off wht banded to mottled slightly calc to non Calc. Chl phyll. S_2 surfaces are dk grn, med grn mottled & look to be Serpentine bearing. Unit mod. broken & ends in 20 ind. gouge & rubble.
206.0	161618 7	161760		178	151A6	9 v. minor — 5 Bio 2
				9		Dk gry, med hard - med soft, PS_2 foliated overall homog., non calc., mod Carb phyll. Unit is overall v. thinly banded to thickly lam. in shades of med gry to dk gry. V. minor (1mm-5mm) Qtz Po bands // S_2. Unit has well developed post D_2 crenulation cleav. w locally good examples of cleavage refraction across lter grey harder more quartzose bands. Unit contrasts w above Carb. phyll in that it is softer due to banding of soft grey phyll w harder med grey more qtzose phyll. Very minor Bio develop. in some lighter more qtzose bands. The 1st 0.4 m of unit rubbly to v. broken, S_2 steeper than normal there, possible minor fault between this unit & overlying unit. Otherwise unit is intact. Foliation surfaces are dk med steely gry to dk. and lower contact is 0.2 m gradual loss of gry colr
				179		
206.3	160760	160769		80	151B1614	Bio ± 8 minor
						PS_2 foliated, lt grnish to brnish grey, non calc. phyll. S_2 surfaces are lt. silvery gry to purp. brn. Unit mod hard to soft. Thinly banded to thick lam. in shades of lt. grey & purp. brn. Lt bands are soft & v. micaceous musc. rich phyll., darker bands are harder qtz biotite bearing Unit resembles altered phyll. described above & derived from prev. unit by bleaching by metasomatic fluids from underlying unit. Unit is intact.

DDH 82.V.X.01 (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page cc of _____

Date: _____ Logged By: GAS - JMS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	16176 9	16182		180	15C43	± 6
208.0				1 1		f.g. PS_2 foliated, med grn, invar. calc., finely speckled chl. phyll. Local intervals w/ "Leop. rock" texture. Dk grn chl. folia separating lighter colored micro lithons. Unit overall quite homog. Speckled texture on mm scale involving wht carbonate? dk grn possible pyroxenes in a med grn ground mass. Upper 2m of unit mod. Calc., remainder only patchily calcareous. S_2 folia are dk grn to mottled w/ med. grn. Unit intact. Minor interlayered phyllite at 1678m.
210.2	16812 6	16819 8		181	15B1614	BBio (5DD ± Bio) 70:30 [3B3±Bio minor] thinly
				1 2		Med interbanded a mod hard to mod soft med to lt greenish gry to brn/banded non calcareous qtz, musc., biotite, chl. phyll., non/lt PS_2 foliated
						b) Homog med to dk grn calc chl phyll.
						Unit is intact, minor leop-rock texture assoc. w/ 5D's. 5D transitional to v. finely speckled 5C. Altered phylls contain minor lt colr ovoid patches (2-3mm long) they are elongate to S_2, possible reduction spots?
210.6	16819 8	16911 3		182	15B162	± 0 (5C3)
				1 7		moderately soft, PS_2 foliated, dk gry to med/gry greenish, locally calc. thinly interbanded w/ med to dk grn mottled calc-leop. rk textured calc. Chl. phyll. Moderately broken, small fault at 690.4 ~30° to c.a. & there is minor bio developed locally in short sections of altered phyll assoc. w/ 5C's
211.0	16911 8	16925		183	15C43	
				1 4		Grungy, incip. gouge, rubbly, calc., chl phyll. Dk grn, slight leop. rk. texture. Recovery ok

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

DDH 80.YX.01 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: GAS - JMS.

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
211.6		16912 5	16914		814	5B64	Bio
					15		Mod hrd to hrd purp brn, qtz musc bio, non calc, PS_2 fol., altered phyll. Most bio rich alt. phyll seem to date this hole. On last unit note S_2 shear fol'n dk grn, poss. serptine bearing. Back to this unit, upper contact is fault breccia, shear surfaces ~60° to c.a. S_1 almost ∥ c.a. Through entire unit, true width of this lith ≈ same dia of NQ core. Unit intact to mod. broken.
214.9		16914 4	16917 0		815	5C61	±3
					C		Mod - dk grn, Strongly fol., loc. leop rk textured, ~~var~~ calc., wkly speckled chl. phyll. Unit is mod broken to loc. incip. gouged. Short sections resemble unit # 83 + remainder resembles unit 80. also resembles any other foliated meta basite in the district. Lower contact against 20 cm of altered Biotite bearing phyll at top of next unit
211.8		16917 0	16918 3		816	15B6	2
					7		Dk gry, mod hard to mod soft, non calc, PS_2 fol., homog Phyll. Contains minor qtz Po bearing. Mod. broken
213.4		16918 3	17010 3		817	13G0	[5B6]
					8		Mod soft, med. grey, PS_2 fol, non calc, homog phyll. Color med gry to grnish gry. In detail unit consists of med dk gry rel. soft pelite interlayered w grnish gry very slightly more qtzose bands. Unit is rubbly & gouged to 60% inter., remainder broken, prob. fault in upper unit, prob. not a major fault
213.8		17010 3	17011 8		818	15G3	(3G48) 50:50
					9		Med grn grn, calc chl phyll, Local "leop rk" texture esp. near top & bottom, dk grn to med grn mottled S_2 surfaces. Unit mod. broken. Strongly PS_2 foliated. Probs include some alt. phyll. in centre

DDH 80VX01

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Logged By: GAJ - JMB.

Margin	Code	From	To	Recov.	No.	Unit	Description
							Middle part of unit lacking leop rk text. Has smooth med yllwishgrn muscovitic folia & presume to be altered phyll.
215.0		7018	7055		89	360	Mod soft, med gry to grnishgry, PS2 foliated, noncalc., homog phyll. Upper portion grnishgry ū applying metabasite, bulk is normal grey. Unit mod. broken to rubbly & poker chippy, minor incip. gouge at top of unit. Top 1m of this unit & top ½ m of last unit have had some post D2 folding of S_2 perhaps related to proximity of metabasites or faults or both
218.4		7055	7168		90	369	Dk. grey to med gry, PS2 foliated, mod hard to mod soft, noncalc. phyll Contains minor Po & Py diss. along S_2 & in fractures & assoc. ū v. sparse qtz. sulphide bands. Overall v. homog but in detail is thin to thick laminated ‖ to S_2 in shades of dk gry to med gry. Dk bands are combo of dk S_2 folia & orig. banding transposed into S_2. Lt bands are more qtzose, f.g. microlithons after siltstone bands? Unit essentially same as last & next unit except for dker colr due to more abundant dker colred bands.
231.7		7168	7603		91	360	(3B0) (3B6) Both minor Mod soft to mod hard., med gry to slightly grnsh gry, PS2 foliated, generally overall homog., noncalc phyll. S_2 foliation surfaces are steely dk to med gry. In detail unit thick to thinly laminated in shades of dk to med gry described above. Unit locally has harder lt grnish gry chl or actln. & very minor bio qtzose bands usually 1cm thick but locally up to 10cm. Thought to represent qtz siltstone bands & of course noncalc. Contains no readily noticable Po porphs. Contains three 0.3m interbands of lt. gry grn invar calc. chl. phyll. possibly representing small 3B tuff bands? No bio noted. These bands are centered at 722.5, 728.1, & 735.5. mod broken to intact.

DDH 80 KX 01

Cyprus Anvil Mining Corp.
Lithologic Log

Page 2 of ___

Date: ___ Logged By: GAJ – FmS

	Code	From	To	Recov.	No.	Unit	Description
	1	10–14	16–20	22–24	26–28	30–34	35
							Thicker qtz siltstones developed 742 → 748. Unit is essentially intact.
							Some core at 757.4 m (0.4 m of core) contains identifiable rabbit type
							pellets
232.4		7603	7627		92	3B0	(3G4)(3G9) 65:30:5
					3		Interbanded unit consisting of: a) hard, non calc, PS2 fol, med grayish grn
							Chl phyll. w dk & lt grn mottled fol'n surfaces. Slight bluish tint
							to cut surfaces when wet. b) Brnish gry, mod hard to mod soft bio
							musc ± chl Qtz phyll. resembles alt. phyll seen up hole, w pale
							Ag gry fol'n surf. PS2 fol. + non calc, c) Dk, mod hard non
							calc, carbonaceous phyll similar to underlying unit. Chl. phyll top 1m +
							bottom 2m. Carbonaceous phyll 5 cm at centre of interval. Unit is
							basically intact
235.5		7627	7728		93	3G911	(5D4) minor
					4		Mod hard, dk grey, PS2 fol, non calc, mod carb., mod siliceous phyll.
							Unit transitional between 3G9 & 3E & a borderline, fence sitter, but fits best
							as 3G9 + similar in color to unit #90. Comparable to unit #78,
							but lighter than unit #71 & the Carb. units above it. Also exhibits strong
							"Dolo flash". Contains several 0.5 cm to 1½ cm thick variably calc lt tan
							5D bands w sharp ‖ S2 contacts + one thicker 5 cm band at 767.1
							10 cm Py actm. band at 770.1 m origin unk.; V. minor Py disseminated
							along S2 + fractures. Unk. whether 5D band are micro tuffs or thin
							infolds of adjacent metabasite or other. Unit Mod. broken to intact local
							incip. gouge or rubble, all minor
236.5		7728	7761		9A	3G10	
					5		As above. Mod. broken, no sig. faults

DDH 80YX01 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Page 10 of _____

Date: _____ Logged By: GAJ - JM.

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	7716	7718		95	3B	(3G4 Bio 8) [3D1] (3G91) (3F9) 80:10:10: trace
237.3				6		Interbanded unit consist. of following lith: (a) Mod grnish grey, non calc, PSz fol, mod soft Chl musc. phyll (b) Mod hard quartz musc chl bio phyll resembling alt. phyll noted up hole & (c) dk grey mod. hard, non calc, PSz fol, phyll. Green rocks appear to be metabasite derived however some possibly altered phyllite. Brn & grn alt. phyll.? resemble Calc Silicates & prob called 3D1 in other holes. Chloritic phyll are commonly in top ½ m & bottom 1.8 m of unit. 3cm of dk grey finely xtalline marble 0.6 m from top of unit. Mod broken to intact
237.5	7718	7719		96	3G91	
				7		Mod hard, dk grey, PSz foliated, non calc, homog phyll. as above. Mod broken to intact
238.2	7719	7816		97	3BIO	Bio [3D] (3G91)
				8		Interbanded unit. Major lith. is non calc., mod hard, med bluish grn w brn stkes & patches, Chl, actin, hbl? phyll., interlayered w mod hard, non calc, PSz fol dk grey & grnish grey phyllite. The 1st unit resembles Calc silicates of CNR 7601. also resembles metabasites described just up hole & those to come downhole. Remainder of unit is thin interlayering of dk grey & green stks w may be calc silicates or chl/actinolite in veins. Metabasite ? is top 0.6 m of unit & bottom 1.3 m & remainder of unit is in middle & post Dz fold nose. Unit is intact
238.6	7816	7832		98	3G91	(3B3 minor) ± Bio minor 90:10
				9		Mod hard, dk grey, fine grn non calc, PSz fol., carb phyll. interbanded w minor slightly calc. med green to bluish grn chl rich Phyll.. Latter rock is 0.2 m at center of unit locally minor Bio assoc. Unit is intact. also 2cm 3B band w 5mm bio musc at 8 salvage

0.4m from EOI. Looks like Microscope version of big meta basites up around 1680 m. Is it a tuff or an intrusive?

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

DDH 80VX01 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: GAJ - JMB

Code	From	To	Recov.	No.	Unit	Description
	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
	7813	7817		19	31C10	±3 mmor → 3B bio ±3 mmor
239.9				100		Dk grn w bluish tint, str. PS_2 foliated, finely speckled, weakly ± lx. calc. homogeneous chl-rich phyll ± bbl? S_2 folia are dk grn. Unit has patchily developed bio, esp. near margins where it is finer grained & there resembles the top/bottom of unit ± 97. Unit is intact
240.0	7817	7817		1010	31G10	± 8
				1		Homog, non calc, med gry phyll to grnish gry. w gradually loses grn & ↑ gry colr away from metabasite. Unit intact
240.8	7817	7907		101	3169	1 minor
				↓		Mod hard to mod soft dk gry, non calc. PS_2 fol., homog phyll. mod broken, rubble at core at 788.8. Rect rabbit pellets identified.
244.2						rubble & ind. gouge at EOI.
	7910	8101		1012	3190	"Calc silicate"
				3		Mod soft to mod hard PS_2 fol, med grnish gry, non calc, homog phyll Grnish colr due to grn mineral in slightly more qtzose micro lithons actinolite? or is it just chlorite. Resembles some rocks in hole A-667. Very similar to above 3G's, just a little bit greener The unit is rubbly TOI to 790.9, possible minor flt at TOI. Core intact to mod broken to 794.5. Rubbly to v. broken related to minor steep fault from 794.5 to 796.4 and from 796.4 to EOI it is intact.
246.0	8101	8107		1013	3180	±3 minor (3G 84 ± B10?) 75 : 25
				4		lt. tomed grn, f.g. v. strongly PS_2 fol., Chl musc phyll. S_2 surfaces are med grn to dk grn mottled. Some have a musc. Sheen. Rock is largely homog. in colr. but wkly calc. & has interlayered w it a gryer more muscovitic, in spots bio, non calc phyll. L

DDH 80.Y.X.01 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: GAJ - JMB.

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Lattorrk may be an altered BG phyll. It has greyish grn to dk grn S2 folia + occurrs as 2 bands: 804.5 - 804.8m, 805.1 - 806.2,
	8107	8117		1014	3,90	"calc silicaty" ± Bio minor
245.8.						Mod soft - mod hard, PS2 fol med gry to grnish grey, non calc Phyll.
						Steely dk - med gry fol'n surfaces v. similar to unit #103 except
						contains minor bio assoc - w actinolite in grn more qtzose bands,
						Contains 20 cm interlayer of brn-grn poss. calc. silicate at
						816.7, sim. to calc silicates of CNR hole, slightly calc
						grn + brn, poss. calc silli band or 3D band, at about 812.3 m.
						~20 cm. Unit is intact.
						EOH 111 - good reference hole for
						variegated Plutonic lithologies
						Must logging - Best of 1984
						- NY Review of Drill Logs
						Breathtaking from collar to end .... can't put
						down.
						Christian Sci Monitor

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

DDH 80VX01 (2 — 8)

Cyprus Anvil Mining Corp.
Structural Log

Page 1 of ____

Date: ____ Logged By: GAJ - JMS

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		1417	CIS12	S		410 0100	57	
S		1516	CIS12	Z			615	
S		1610	CIS12	Z			612	
S		1618	CIS12				710	S_1 prob. very steep
S		1715	CIS12				610	
S		1810	PIS12				612	
S		1815	PIS12				710	
S		1818	PIS12				715	
S		1917	PIS12				610	
S		110129	PIS12				605	
S		110150	CIS12				715	CS_n = 40/350
S		111108	PIS12				610	
S		111170	PIS12				710	
S		111212	PIS12				613	
S		111285	CIS12				615	
S		111310	CIS12	Z			715	
S		111340	CIS12				710	
S		111388	CIS12				616	
S		111412	PIS12				613	
S		111419	CIS12				710	
S		111514	PIS12				710	→ CS2
S		111611	CIS12	Z			616	
S		111690	PIS12				710	
S		111712	CIS12	S			608	
S		111776	PIS12				710	
S		111821	AIS12				716	
S		111892	PIS12				615	
S		111917	CIS12	D			510	
S		112123	CIS12	D			518	
S		112016	CIS12				615	
S		112112	PIS12				615	
S		112184	PIS12				715	
S		112263	CIS12				715	Appr. to be a fold hinge in middle of unit 223m
S		112370	PIS12				810	May be S_1
S		112412	CIS12				80	
S		112476	PIS12				712	

C.A.M.C. 1981 - E - 4

DDH 2 8

Cyprus Anvil Mining Corp.

Structural Log

Page 2 of _____

Date: _____ Logged By: GAJ - JMS

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		12512 1	PS12				710	PS2 → C
S		12577	PS12				712	" "
S		12612 7	PS12				618	→ CS2
S		12617 3	PS12				616	
S		12713 A	PS12				80	→ CS2
S		12786	CS12				612	→ PS2
S		12814 6	PS12				718	
S		12914 7	CS12				619	
S		12916 0	PS12				712	
S		13030	PS12				710	
S		13111 8	PS12				715	
S		13163	PS12				710	
S		13230	PS12				614	
S		13275	PS12				418	
S		13328	PS12				518	2 fold 5' up hole
S		13373	CS12	Z			710	
S		13412 5	PS12				615	
S		13467	PS12				710	
S		13557	CS12	S			615	
S		13618	PS12				715	
S		13655	PS12				715	
S		13714	PS12				715	
S		13774	PS12				717	
S		13858	PS12				718	→ CS2
S		13888 7	PS12				713	
S		13945	PS12				618	
S		14010 6	PS12				712	
S		14069	PS12				615	→ CS2
S		14100	PS12				618	
S		14119	PS12				812	
S		14214 5	PS12				710	
S		14283	PS12				718	
S		14378	PS12				715	
S		14463	PS12				815	→ CS2
S		14512 7	PS12				715	
S		14556	PS12				815	

C.A.M.C. 1981 - E - 4

DDH 80VX01 (2 — 8) Cyprus Anvil Mining Corp. Page 5 of _____

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		14163	PSI2				72	
S		14703	PSI2				710	
S		14781	PSI2				711	
S		14860	PSI2				710	
S		14944	PSI2				715	
S		14995	PSI2				812	
S		15055	PSI2				618	
S		15097	PSI2				715	→ CS2
S		15158	PSI2				710	
S		15210	PSI2				85	
S		15258	PSI2				715	
S		15388	PSI2				815	
S		15411	PSI2				710	
S		15490	PSI2				714	
S		15565	PSI2				716	
S		15627	PSI2				715	
S		15655	PSI2				810	
S		15736	PSI2				715	
S		15782	PSI2				616	→ CS2
S		15846	PSI2				815	
S		15870	PSI2				713	
S		15957	PSI2				65	
S		15986	PSI2				714	
S		16013	PSI2				610	
S		16111	PSI2				715	
S		16176	PSI2				712	
S		16239	PSI2				812	
S		16304	PSI2				812	
S		16330	PSI2				712	
S		16368	PSI2				612	
S		16418	PSI2				812	
S		16555	PSI2				812	
S		16623	PSI2				85	
S		16707	PSI2				610	CSN = 15/000
S		16779	PSI2				718	
S		16845	PSI2				713	

DDH 80YX01 (2–8) Cyprus Anvil Mining Corp. Page 4 of _____

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		69106	P S 2				418	
S		69165	P S 2				610	
S		69990	P S 2				710	
S		70156	P S 2				715	
S		71133	P S 2				55	
S		71170	P S 2				615	
S		71720	P S 2				617	
S		73106	P S 2				618	
S		73335	P S 2				710	
S		73190	P S 2				715	
S		74160	P S 2				712	
S		75119	P S 2				812	
S		75148	P S 2				717	
S		71611	P S 2				615	
S		71615	P S 2				80	
S		71707	P S 2				78	
S		71811	P S 2				812	
S		71874	P S 2				711	
S		71920	P S 2				810	
S		71966	P S 2				812	
S		81018	P S 2				515	
S		81060	P S 2				710	
S		81147	P S 2				810	
S		81175	P S 2				812	

DDH FA80-VX1 (2 8) Cyprus Anvil Mining Corp. Page ____ of ____

Metres [redacted] 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	
F	1416	1527	2B					
F		1528	C?					
F	1528	1545	2B					
F	1625	1625	2BR	6				
F	1644	1649	3B					
F	1649	1694	2B					
F	1694	1760	2BG					
F	1779	1910	2BG	8				
F	1914	1944	3BR					
F	1910	1914	RG					
F	1944	1970	1B					
F		1010	1F					30° to CA
F	1007	1090	1GR					
F	1090	1138	1B					
F	1138	1174	3BR					minor fault?
F	1174	1468	1B					
F	1468	1513	1B					
F		1514	1RG					small FH at 40° to CA
F	1517	1583	2BR					
F	1583	1623	1F			40 090		20
F	1623	1631	3B					
F	1647	1673	R3B					
F	1680	1734	1B					
F		2010	1G					
F	2003	2057	1BG					
F	2057	2099	1B					
F		2109	1G					
F	2810	2841	1XD					
F	2841	2911	XD					
F	2911	2912	S			999 9999		30
F	2920	2940	2BR					40 to CA = FH at 293 m
F	3044	3044	1B					
F	3068	3086	2B					
F	3080	3127	1B					
F	3173	3233	3BG					
F	4105	4133	1R					

DDH FA80VX1 (2 — 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

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	
F		4155	G					
F	3833	3854	1R					
F	3917	3990	1RF					30° to CA steep slicks
F	5114	5145	2BR					
F	4611	H627	2BG					
F	4615	4658	RG?					
F	4617	4685	2BR					
F	4790	4780	3XP					
F		5213	1F		210	325		
F	5276	5309	RG					
F	5309	5311	FXR					45° to CA
F	5309	5352	RG					
F	5352	5395	XP					
F	[illegible]	5357	1FX					
F		5372	1FX					20° to CA
		5385			30	080		
		54p8	1FX					20–45° to CA subhorslek

C.A.M.C. 1981 – E – 4

CYPRUS ANVIL MINING CORPORATION Page 1 of ____

DIAMOND DRILL CORE LOG Date: ____

Hole Number: 81VX01

Reference Fabric Orientation Diagram:

Project: Vangorda Plateau remap

Location: ____

Claim: ____

Terr.Plane Co-ords.: 6903178.952 N

CAMC Mine Survey 593915.005 E

Grid Co-ords: 6E /

Elevation: 1146.2 metres

All symmetry determinations looking

Total Depth: 443.2 metres NW with 52 dipping

Inclination: -90° SW with dip azimuth ____.

Purpose: ____

Reason hole Terminated: ____

Logged by: LCP / GAW Date(s) Logged: July 29/1984

Drilling Contractor: ARCTIC

	Size	CORE From	To	Collar Cased and Capped:
	Casing	0.0	46.2 metres	____

Hole Cemented: ____

Steel down hole: ____

Started: ____ Completed: ____

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 81VX01

Date: Logged By:

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
1	2–8	10–16	17–24	25–32	34–39	41–42	
T	81VX01	1146.2	903179.0	593915.0	METRES	52	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2–8	10–14	22–26	28–32	34–56
R	81VX01	0	180.0	0.0	AT COLLAR
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R					
R					
R					
R					
R					
R					

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
1	2–8	10–56

DDH 81VX01
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Logged By:

Code 1	From 10–14	To 16–20	Recov. 22–24	No. 26–28	Unit 30–34	Description 35
L	0.0	4.62		1	#	no recovery - overburden?
L	4.62	5.19		2	364	soft light medgrey noncalc dominantly PS2 foliated - minor qtzose bands causing local lithon text - S2 folia are grey & palegreen tinged light silver - Interval weath with brick red along PS2 folia rusty brn on cut surf - qtzose bands locally porous. Lower contact gradational to dk grey soft phyllite at 5.18-5.19. protolith likely Mt Mye 360. mod bkn to incip gouged. recvy ok
4	5.19	5.25		3	4A0	tot S= ≈ 25%, py & qtz content increases down hole. upper portion thinly lam. qtz sulph / dkgrey silic phy. lower part fine carb S2 folia between coarser (typically 4A) 1cm thick qtz S= bands. lower 10 cm is vuggy crackle bxa. split originally intact
L	5.25	5.36		4	4D0	±3 ±4 thinly banded quartzose pyritic ore - consisting of 10cm interbands of 4C0 with 15% tot S= (mainly PY) and very high grade homogenous 4F4 [4J2] and minor thin 4L0 miraceous. split originally intact
L	5.36	5.57		5	4E48	~~±~~ ±1 ±9 all minor. mt as thin fg. black streaks, locally folded, dol & qtz as minor clasts or bands in py matrix - towards EOI have bxa texture for last 35 cm - top 20cm is rubble otherwise split intact

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

DDH 81VX01

Cyprus Anvil Mining Corp.
Lithologic Log

Date: ______ Logged By: ______

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	557	560		6	SA6	
						very dk grey to black, non calc, m soft - m hard, carbonaceous
						phyllite
						all fine rubble - partly maybe splitter induced trash.
L	560	568		7	4E4	±1
						minor qtz clasts 5mm across in poorly banded f.g. pyritic matrix -
						minor 4A clasts -
						split was intact
L	568	695		8	3G9	$ minor
						mod soft to mod hard m dk grey to m grey, ps2 fol.,
						generally non calc phyllite minor qtzose bands/lithins
						containing minor dsb - unit displays "dolo flash"
						v. minor po bands one one being 2cm thick
						v. thin tuff bands at 64.7
						TOI to 57.9 is mod broken
						57.9 - 59.7 v. broken rubbly : gouge S2 distorted by post
						D2 folds with steep axial planes ~50% recvy
						IND fault
						59.7-67.2 = mod broken to locally rubbly ~1m lost somewhere
						67.2 - 67.5 = qtz vein + granite boulder, latter is cave
						67.5 - 69.5 mod broken to poker chippy 20 cm of IND gouge
						at EOI
	695	804		9	3G0	
						mod soft to mod hard, m. grey, ps2 fol. non calc phyllite -
						contains minor 1cm thick m grey qtzose bands

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

Typist aid: abcdefghijklmnopqrstuvwxyz 1234567890
the quick brown fox jumped over the lazy dog.
now is the time for all good men to come to the end of their party

DDH 81.V.X01 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						TOI - 69.7 = Rubble
						69.7 - 71.0 = m. broken
						71.0 - 71.5 = v. broken to rubbly
						71.5 - 72.8 = m broken
						72.8 - 77.6 = very broken local all poker chippy + rubble zones .6m core lost.
						77.6 - 78.9 = intact
						78.9 - 80.4 = v. broken local rubble.
L	80 4	81 5		10	3G9.1	borderline
						dk grey mod hard to hard noncalc PS, Fol phyllite - minor banding (laminations) with thin gtzose lamina
						Mod broken
L	81 5	81 85		11	3G0	
						as #9
						mod broken.
L	85 5	87 4		12	3E1	
						dk grey to black mod hard (barely cut by knife) PS, Fol. non calc. carbonaceous siliceous phyllite mod "solo flash"
						contains v. sperse m. grey slightly coarser granular gtzose bands. Has finely PS, laminated texture but not the "ribbon banded texture" as at 126 m
						intact
L	87 4	93 2		13	#E48	±#±6
						finely laminated massive pyritic sulphide - mtx as thin stringers minor dob clasts floating in py esp last .6m. Varably calcareous with minor calcite in bands (thinly banded) except last .6m = non calc.
						may make 4G8 / really — minor thin 4K bands. transitional to 4K at bottom. split originally intact

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

DDH 82VV61

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Logged By:

Code	From	To	Recov.	No.	Unit	Description
L	93.2	93.9		14	4L6	weak 2 ± 1 (100% po)
						pale greenish creme phyllite with a stockwork qtz sphal
						py stockwork vein(?) – last ½ is coarse qtz po bxa
						vein
						intact
L	93.9	96.6		15	SA16	9 minor (4L6 weak 2) 80:20
						dk grey to black, lithoned, noncalc phyllite consists of
						v. thin interbands of lighter qtzose bands (lithoned) - internally
						finely laminated separated by dk grey PS_2 foliated
						phyllite – minor dissem PS_2
						Upper .3m contains minor thin bands of massive pyrite
						in 4L6 weak – py bands D_2 folded.
						Mod broken to locally poker chippy
L	96.6	121.7		16	SA16	± $ minor (3G3)
						over all very gouged and sheared fault zone consisting
						of several rock types with intervening gouge all
						thickly interbanded – Major Rock types are:
						a) dark grey to black, PS_2 foliated hard locally slightly
						dolomitic (qtzose bands with minor dolo)
						b) dk grey mod soft to mod hard dk grey PS_2 fol
						mod calc phyllite – calcite, n thickly lam.
						slightly lighter grey interbands
						c) gouge of a or b
						Minor qtz py vein clasts in along w/ minor 4E0 frags
						S_2 is steeper than normal here – zone cut by numerous

30–40 to CA fractures along with many steep fractures
106.4–107.9 is relatively intact as is 111.5–114.1 rest is gougy.
18.5 m / 25.1 m recvd
Fault is IND

now starts the whining!

DDH 81VX01

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Logged By:

Code	From	To	Recov.	No.	Unit	Description
L	121.7	122.7		17	SC3	±4 ±$ (SA164) 80:20
						m. grey green well foliated speckled calcareous metabasite – some
						dolo + calcite in sections S_2 folia are pale silvery green
						5 cm of bleached off white siliceous phyllite derived
						from SA16
						20 cm rubble in center of unit = thin white siliceous phyllite
						interband.
L	122.7	123.1		18	SA164	
						off grey white siliceous altered / bleached version of #19
						intact – gradational lower contact over 20 cm.
	123.1	124.1		19	SA16	
						hard dk grey to black, noncalc phyllite v. thinly banded text
						v thinly banded text of sl. blue grey harder qtzose lamina –
						contains minor qtz $S^=$ bands similar to 4A bands
						1-3% tot $S^=$ strong dolo.
						last 25 cm altered grey version of this (like #18)
						pokerchippy to vbroken
	124.1	125.0		20	SC4	±$
						similar to 17 5cm altn at end
	125.0	156.4		21	SA169	minor
						see #19 for description which is actually a description
						for this
						to 128 m = mod broken local rubbly zones
						128–EOI = v. broken many rubble + gouge zones – S_2 at acute
						angle to or parallel to CA (core ∡ steepens rapidly
						around 138 m)

C.A.M.C. 1981 – E – 3A

$\frac{21m}{28.4m}$ = recvy.

DDH 81VX01 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	156 4	180 4		22	SGS	±3 [SBOS±3] ??
	23					m grey mod soft to soft PS, fol variably calcareous and or dolomitic v. broken phyllite — commonly dolomitic locally 1cm - 5cm bands consist of m x/g m grey mbl. — V. qtz calc veined v. broken v. gouged minor SD4 frags in gouged portions — can't be sure % parent rock type. —
						Core is gouge rubble ± v. broken — center of messy fault zone core as long as 15cm is rare! — 5% at small % to CA
						Parent rock could be like those about 207m
						If this isn't a steep fault zone it sure is a big one! 16m/23.6m recvd.
L	180 4	183 2		23	SD4S	minor ±9 minor
						Tan to brn weath off white — only .6m of core rest is white gouge.
						faulted contacts internal to unit at 20° to CA recvy ok
L	183 2	190 7		24	SA1 6	(SBGS) BXA 50:50
						mod hard to hard, m grey to dk grey, variably dolomitic phyllite upper portion dominantly v. fractured/sheared SBG with SD4 frags lower portion dominantly SBGS
						from 188.5 — 189.1 is coherent fault rock like parts of the ~~fe~~ fault.
						Internal foliation in fault rock is 35° to core axis
						Core is intact to 185.3 v. broken to rubbly at 185.3 to 186.8

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

186.8 to EOI is mod broken to intact
Entire interval is BXA & fault rock
from 28?m to 190.7 is all a fault zone. and its a steep to mod dipping fault

DDH 81VX01

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Logged By:

Code	From	To	Recov.	No.	Unit	Description
L	1907	1944		25	SC4S	(SAB4)
						pale flesh fine grained strongly PS, fol. (weath brn tan)
						TOI to 191.6 is thinly to thickly laminated. alteration rims
						of phyllite - SC texture is v. streaky to mottled
						texture reminiscent of Leopard rock.
						last .8m includes some altered phyllite
						Core is intact
L	1944	2044		26	SA16	
						dk grey hard thinly laminated between dk PS_2 Stripes and
						lighter qtzose bands - minor py mainly in Xcutting
						fractures.
						intact - S_2 is contorted local crackle bxn.
L	2044	2056		27	SC6	±4
						m green locally creme, homogenous, non calc chloritic phyllite
						with 15cm of very altered material at upper contact -
						extensively cut by calcite crackle veinlets -
						grades down into greenish grey phyllite of #28
L	2056	2064		28	SB64	[3G4]
						moderately hard greenish grey non calc phyllite with abundant
						calcite filled fine fractures - lower contact gradational
						seems to be alteration zone (assoc with above SC?)
						intact
L	2064	2140		29	SB0	?
						mod hard to hard m. dk grey PS_2 fol., variab. calc phyllite thinly to
						thickly lam with calc bands - no lithons visible - Abundant xcutting calcite

veinlets → crackle bxn → tension gashes -
seems to be broken poorly lithoned SB0
intact
S_2 folia are med to med dk steely grey.

DDH 81VX01 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
L	214.0	215.8		30	SA3	BXA
						Black fault rock with qtz & calc clasts in highly foliated black rock flour matrix - internal foliation s at 58° to CA and 25/060 to the other.
	215.3	258.8		31	SB0	calc silicate bio
						moderately soft to hard, generally moderately hard, thinly laminated PS_2 fol med grey to med dk grey calc phyllite - slight brown tinge to grey due to bio in matrix -
						Calc bands have dissem med green actinolite? -
						Patchy bio development due partly to compositional control on dev. of prograde bio but considerable portion due to fracture controlled fading around the abundant qtz calc fracts/veinlets → crackle bxa. Most veinlets at ~10-30% CA.
						Core is mod broken to intact to 230 m
						230 - 242.8 is mod broken with 1m intervals of v. broken & gouged.
						230.4 - 230.4 236.5 - 236.8 and 242.4 - 242.8 are the largest gouges of the above zone All IND
						242.8 - 258.8 mod broken with short rubble sections up to ½ m long.
						Why look here for a fault when there's so many others!?

DDH 81VX01

Cyprus Anvil Mining Corp.
Lithologic Log

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Date: Logged By:

is this the SE of the Grum hangingwall?

Code	From	To	Recov.	No.	Unit	Description
L	2588	2594		32	SB0	calc sil bio (SEO) 70:30
						very thinly banded / interbanded SB as above with
						1-5 cm interbands of med fine xln blue grey mbl.
						SB has both bio & calc sil mbl is clean
						70% phy 30% mbl " , intact
L	2594	2638		33	SB6	calc siliaty minor ± 3
						soft to med. soft, PS_2 foliated, m grey thickly laminated
						phyllite - wet core has slight green cast - overall it is
						slightly calcareous - calcite is in 1-2 cm bands $\parallel S_2$
						as is grey shade color banding
						Bottom 50 cm contains 1-3 cm thick blue grey
						mbl bands
						These 2 units (32+33) remind one of 951'-973'
						of 79-VX-01
L	2638	2823		34	SA16	9 minor
						dk grey to black hard non calc PS fol phyllite med "dolo flesh"
						"weath" dull bluish grey on cut surf. Minor coarser 4A type qtz S_2 bands
						po > py - contains thin beads of qtz along S_2
						4.5D4$ bands 5 cm thick between 268.3 and 269.0
						core is mod broken to polar chippy & rubbly locally - recvy
						OK. no major faults.
L	2823	2849		35	SD6	(5C$) 5A164 [5C] 80:10:10
						mod soft to soft med green, homogenous locally with
						striped "Leopard" texture - generally non calc but
						dolomitic where Leopard textured. - top and bottom
						20 cm are bleached white 5A16

intact

DDH 81VX01 (2–8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10–14	16–20	22–24	26–28	30–34	35
L	2849	2878		36	SA16	
						similar to unit 34 but not much sulphide
L	2878	2891		37	SC$	(SA164) 60:40, intact
						symmetrical intersection .5 cm of SC with SA164 (stringy)
						for 20 cm at top & bottom, intact
L	2891	3350		38	SA16	± qtz minor
						similar to unit 34 & 36 - ps. foliated locally with qtz/s = bands
						with py
						289.1 to 294.7 intact good planar ps_2
						294.7 to 301.3 intact but S_2 strongly contorted with axial
						plane for kinks at 45° to CA
						301.3 to 301.9 is coherent fault brxa. v. steep foln.
						301.9 to 304.2 intact but S_2 contorted.
						304.2 to 601 S_2 steep in general & heavily contorted - mod
						broken with ½ m long rubble zones
						most significant fault would be the Brxa zone. and
						a lesser one at 320.5 - 321 both steep 10-30°
						to CA.
						recvy for whole unit ok.
	3350	3354		39	SD4$	
						fractured & brxtd, intact
						base of unit is sheer zone at 80° to CA
	3354	3415		40	SA16	
						as above but generally with good planer S_2 - top 40 cm
						is coherent fault rock with SD4$ clasts. - just gotten
						out of the faulted zone (and ready to go into another)

DDH 81VX01

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Logged By:

Code	From	To	Recov.	No.	Unit	Description
L	341	353		41	5D6	±3 minor [5C0 fine grained?]
						m. green homog. pS₂ foliated mod soft to hard (with much mod. hard but short hard zones) - locally calcareous, has bluish tint to green color. 5 cm of altered phyllite at top and bottom.
						Calcite abundant only where there is minor leopard rock texture (last .3m) otherwise non calc
						Same as metabasites at end of 79-VX-01
						intact
L	3531	3542		42		
						med dk grey, noncalc, mod soft to mod hard, pS₂ fol. phyllite Bottom ½ of interval is slightly calc (calc clasts but matrix noncalc) qtz clasts also) foliated Fault bxa - Bxa has strung out clasts of metab along foln at 10° to CA
						mod broken.
L	3542	3577		43	5D6	
						possible epidote? bluish green color locally yellowish green abundant calcite in fractures - similar to #41
						core mainly intact
L	3577	3605		44	5A16	4±8½ (5D6) 80:20
						hard thickly laminated pale greenish white with some pale purplish pink - highly altered phyllite. Texture & color like 5A164 uphole except where brown Lio present minor metabasite in center of unit - S₂ at acute ∡ to core axis
						mod broken to very broken

DDH 81VX01

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Logged By:

Code	From	To	Recov.	No.	Unit	Description
L	360.5	363.4		45	SA148	bio minor (SC3 minor) 70:30
						Exactly like last unit of 79VX-01 except goes up/down core instead of across.
						Non calc. Dark green thickly laminated siliceous (hard to mod
						hard) phyllite - 1cm lams alternately dk green (chl rich)
						+ dk purplish grey (bio bearing) interbanded with homog
						slightly calc m green very foliated tan weath in
						streaks metabasite.
						1st rock probably a metasediment ??? ∴ SA148 Bio minor
						70:30 metased : metabasite
						intact to mod broken
L	363.4	364.7		46	SA164	(SA6BXA) 50:50
						ToI to 364.0 is same light coloured, siliceous altered phyllite as above
						Remainder is highly sheared dk grey, non calc, strongly
						foliated flaser textured mod soft phyllite
						mod bkn.
L	364.7	386.2		47	SD6	±3 ±$ [SC±3 ±$] (SA164 bio) 90:10
						dominantly metabasite - med to med dk green homogenous
						locally with speckled to foliated leopard rock texture, locally
						calc or dolomitic -
						Locally thinly interleaved with altered siliceous
						phyllite (SA164) less than 30 cm thick - for much
						of unit S_2 is down core axis - local sheared + fault
						Bxtd zones.
						Bulk of alt phy are at 369.8 - 374 and 381.2 - 382.2
						mod broken to intact to 367.5
						367.5 to 368.1 = v. broken

368.1 - 369.4 = intact

369.4 - 374 = v. broken, reground core. 1.5m/4.5m recvd

374 - 382.2 = intact locally broken

382.2 - 382.9 = incip gouge as usual for leopard rock 382.9 - EOI = intact

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
L	386.2	394.6		48	5D6	±3±5[5C](5A16 4B10) (by faulting?) 60:40
						interleaved altered phyllite (purplish brn color) + metabasite.
						This is edge of above metab. S_2 (or shear foln) is essentially
						down core to 391.2 –
						391.2 – EOI dominantly metab with S_2 at 70–80° to
						core axis.
L	394.6	424.4		49	5A16	BXA
						Clasts of 5C4 + fuch + qtz and carbonate in black
						generally sheared "rock flour" matrix – Distinctive
						augen/flaser texture. – foln where sheared/foliated
						is ∥ to CA to 20° to CA – Xcutting fracts at
						30/150 wrt above. classic 5A* of Dy.
						Some intervals gouged some coherent – no $s^=$ frags seen.
						Short zone of isotropic bxa at 410.5 – 411, 412, 421 m.
						short sections of hard cherty textured black tactylite
						at 420 m and at 412 seems to be assoc with
						the more isotropic fault Bxa. –
L	424.4	431.1		50	5A6	±1
						dk grey to black, mod soft to locally hard. noncalc ps_2 laminated
						phyllite
						at 425.5 has several 5cm thick 5D4 interbands
						local softness may be related to faults nearby as this
						looks like typical 5A16
						core intact to 430.4
						430.4 = 50 cm sand, cave noted by drillers

430.4 – 431.1 = intact

DDH 81VX01 (2–8)

Cyprus Anvil Mining Corp.
Lithologic Log

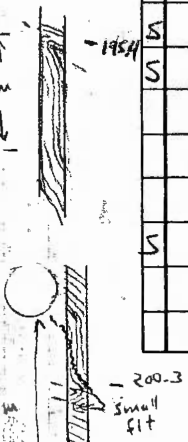
Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	431	432		S1	SCS	±4 fine med grained speckled greenish grey to locally tan weath (creme fresh) metabasite - well foliated.
L	432	440		S2	SA	BXA (360)(SD4) 70:30:tr blk to grey fault BXA - coherent fault rock - clasts of qtz carbonate + alt metab. in grey to black soft to v. hard rock flour matrix - interleaved with normal looking (planar S_2 etc) SD and 360 (med grey non calc med soft pS_2 fol phyllite) 70% fault BXA. core mainly intact
L	440	441		S3	SC6	m olive green, mod. soft, homogenous strongly pS_2 fol. chl. phy, non calc - locally slightly speckled. S_2 foln runs down core axis intact
L	441	443		S4	360	m grey, non calc soft pS_2 foliated phyllite. S_2 foliation contorted + kinked with mod steep shear dip
						major fault at 395 to 441 + seems to be at 10–20° to CA - can't be sure we are out of it but core looks healthier at end so may be thru it. By comparision the faults up the hole look less major

DDH 81VX01 (2 … 8) **Cyprus Anvil Mining Corp.** Page 16 of ____

Structural Log Date: July 29/84 Logged By: ACP/GAS

Code	From	To	Feature	Sym	S0 Dip Direct.	S1 Dip Direct.	S2 Dip Direct	Description
1	10 … 14	16 … 20	22 … 24	26	28 … 32	34 … 38	40 … 44	
S		478	PS2				75	
S		518	PS2				68	
S		575	PS2				77	70°-50° on S= bands in ore also.
S		640	PS2				66	
S		690	PS2				72	
S		651	PS2				79	weak CS_N 42/180
S		770	PS2				65	CS_N 54/260
S		847	PS2				62	CS_N 53/210
$								fault at 87.2m at top of S= at 40°/270
S		873	PS2				65	CS_N 52/290
S		910	PS2	?			70	S= banding = PS_1?
S		948	CS2	S			64	good sym. 57/180 = CS_N
S		991	PS2				40	
S		1005	PS2				32	74/180 consistent xcutting fract set.
S		1076	PS2				45	50/180 = CS_N
S		1140	PS2				44	
S		1168	CS2				36	→ PS_2
S		1248	PS2				33	
S		1279	CS2	Z			38	→ PS_2 CS_N seems shallow but too hard to meas.
S		1261	PS2				37	→ CS_2 CS_N 85/180
S		1318	PS2				45	CS_N 78/180
S		1385	PS2				20	CS_N 88/000
S		1472	PS2				10	CS_N 85/000
S		1525	PS2				30	CS_N 60/180
S		1620	PS2				25	CS_N 70/000
S		1658	PS2				54	→ CS_2 } short rock sections between gouges & rubble
S		1734	PS2				37	
S		1846	PS2				47	
S		190	PS2				50	
S		1954	PS2				00	ax pl of kink fold in PS_2 @ 50 to CA =
								50/000 wrt S_1 on shallow limb
								where S_2 = 85°
S		2003	PS2				50	ax pl of fold 85/000 related
								to small flt at ~10/000



NB: 195 - 201m lots of steep S_2 ~50% of interval and related crumpling

DDH 81.V.X.01 (2 / 8) Cyprus Anvil Mining Corp. Page 17 of _____

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	
		202 5	P S 2				81	
		207 3	P S 2				55	network of fract veinlets at 00 to
								±30° to CA
		2136	P S 2				45	
		217 6	P S 2				32	
		2145						may be s ∧ c bands in Fault giving
								sense of shear? see margin →
								but may be bullshit! cause don't know what I'm seeing
S		2211	P S 2				35	
S		2277	P S 2				45	
S		2326	P S 2				46	also has late stage ranking slicks
S		2353	P S 2				36	
S		239	P S 2				39	
S		245	P S 2				58	
S		2504	P S 2				55	
S		2556	P S 2				58	
S		2604	P S 2				43	
S		263	P S 2				67	
S		2692	P S 2				50	
S		27154	P S 2				74	
S		2717 9	P S 2				56	good CS_N = 36/310
S		2781	P S 2				510	good CS_N = 27/320
S		2836	P S 2				52	
S		2894	P S 2				52	
S		2910 7	P S 2				44	CS_N 21/020
S		2935	P S 2				52	→ CS_2
S		2963	P S 2				74	kink folds axpl 45/000 sub horiz axis
S		3005	P S 2				01	53/000 axpl of crumples "
∧		3035						small fault zone that may
								have s ∧ c type bands ∴
								may be implying reverse
								displ.
S		3076	P S 2				01	kink/crumple axpl = 45/000 sub horiz axis
S		3113 0	P S 2				01	" = 40/000 "
S		3149	P S 2				01	35/000 "

DDH 81 VX 01 (2 — 8) Cyprus Anvil Mining Corp. Page 18 of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	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	
S		3120 4	PS12				01	axpl of crumples/kinks (conjugate)
								30/180 & 48/000 subhoriz axes
S		3266	PS12				20	fracture 25/180 → fract clev.
								assoc with crumpling of S_2
								sub horiz axes
S		33110	PS12				01	
S		33148	PS12				15	axpl to crumples 32/000 sub horiz axes
S		34103	PS12				49	} out of zone of crumpled S_2
S		34165	PS12				52	
S		35114	PS12				50	
S		35556	PS12				65	
S		35918	PS12				17	
S		36166	PS12				40	
S		37160	PS12				35	
S	37180	38109	PS12 ?				01	PS_2 down core axis } PS_2 could be flaser fabric
S		38122	PS12 ?				21	50/000 = xfract set (see L margin)
S		38285	PS12 ?				24	45/330 = "
##		39H8						flaser foln. = 32° to CA
								70/000 set above is fract set.
##		39996						flaser foln 10° to CA xfract at
								52/180
##		41024						flaser foln 15° to CA xfract at 40/000
##		41134						" 10° to CA 2 xfracts at
								53/000 other at 65/180
##		41221						flaser foln ≈01° to CA xfract at 65/000
S		42265	PS12				58	fract clev/crumple axpl = 31/060
S		43308	PS12				64	" = 42/320
##		43326						flaser foln at 67° to CA xfract = 34/000
S		43371	PS12				60	
##		44400						flaser foln at 00° to CA xfract = 45/000
S		44428	PS12				58	CS_N + crumple axpl. = 74/030

C.A.M.C. 1981 - E - 4