015181

456-25-13

DDH 4.5.6.7.5.1.3. (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: LCP/GAJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	0	310		1	#1	0/8
L	1219	11610 5		2		Calcareous biotite phyll w/ minor blue green amphibole bands. Some sections very calcareous w/ 60% calcite-qtz bands. Some epidote in bands. Relict lithons textures denoted by calcareous bands. Looks like very good candidate for calcareous Vinsonda fm.
L	11605	21314 5		3		Interlayered calcareous biotite phyllite w/ 10-30% blue green amphibole bands interlayered w/ med. grey calc biot phyllite & interlayered w/ homogeneous blue-green meta basite (15% of unit) grey phyllite (5%) calc-sil bearing phyllite 80%. Much less cc than above. — only 10-20% of phyllites
L	21314 5	21619 0		4		Calc biotite phyllite w/ only minor blue-green amph bands. Sparse white calcite bands forming lithons. Cc bands decrease in amt down the hole — about 5-10% of unit. Phyllite is locally grey. Lower contact gradational. No substantial meta basite.
L	21619 0	31818 5		5		Dark grey to med. grey calcareous, carbonaceous biotite phyllite. Grey colour rather than brown colour. Excellent microlithons marked by w/ calcite bands. A few % of blue amphibole bands. Happy putting it as 5B20.
L	31818 5	41412 5		6		Same as units 2,3,4 only more blue-green amphibole layers up to 20-30%. Still contains white calcite bands. Overall biotite & blue green bands have a slightly faded & bleached appearance. Still essentially the same unit

DDH 4.5.6.7.5.1.3. (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
	4425	4803		17		50% biotite phyllite & blue green amphibole bands. Only a few % white calcite bands. Only a few yellowish epidote / diopside bands. Blue green corresponds to 60% : biotite phyllite corresponds to 40%. No significant metabasites. Different unit because 1.) abundant blue amphibole 2.) lack of calcite bands 3.) presence of the epidote/diopside bands * Perhaps should use a modifier to indicate presence of epidote / diopside rather than use a totally different name *
L	4835	5123	0	18		50% blue green metabasite / 15% calc biot phyllite w/ white lithons (cc-qtz) / 35% biot phyllite w/ small amt of white cc bands and blue-green amphibole bands. Phyllite transitional between overlying & underlying phyllites.
L	5123	5175	5	19		Calc. biot phyllite w/ 15% white qtz-cc bands and 10% blue green amphibole bands. Slightly more white than blue green.
L	5175	6101	0	110		Blue green metabasite & calc biotite phyllite w/ blue green amph. bands. 15-20% white cc bands & 10% green amphibole bands. Amph. bands discordant S_2. 65% metabasite - homogeneous - well-foliated - irregular cc-qtz veins/bands which typify SD. looks like SD.

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

456 7513

DDH ~~FAGA~~ 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	1601 0	1611 4 0				Calc biotite phyllite 15% cc lithons 15% amphibole bands discordant 5z. Minor blue green metabasite band.
L	1614 0	1619 0				50% calc. biot phyll. w/ 30% blue-green amph. & 10% white qtz-calcite. 50% blue green metabasite w/ 5-10% white qtz-calcite not forming lithons.
L	1619 0	1641 0 0				Weakly calc biot phyll & blue green amphibole phyllite (20%) 5-10% white cc-qtz in both blue green & biotite phyllites
L	1641 0 0	1714 9 0				Mixture of calc. biot. phyll w/ white qtz-cc bands, mixed biot phyllite - blue-green amphibole - yellow green diopside fepidote, some metabasites, some blue-green amphibole sections w/ yellow green diop/ep. & white cc-qtz bands Difficult to separate out metabasites readily. Unit has notably more abundant yellow-green layers & much lesser band cc-qtz bands. Comparable to lowest 3D unit in 456-75-12 (only less development of reaction progress) Fault grunge at bottom of interval
L	1749 0	1761 4 0				Metabasite Faulted upper contact
L	1764 0	1815 6 0				Mixed lithologies Metabasite, 1D, ~~slightly~~ calcareous 1D2 → 1E, biotite-blue green amphibole calc-silicates. Proportions difficult. Interval has qtz veins w/ biotite selvages (amphibolite facies equiv of chlorite selvages on Plateau?) Also has minor marble - med. to dark med. grey. Note from 749-856 is equivalent to 3A

DDH 4.5.6.7.5.1.3 (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	8516	9131				Med grey to dk med grey 1D approaching 1D2 Small and. porphs. ~~A few % thin biot phyll / blue green amph bands~~ Minor metabasite bands – slightly calcareous & contain biotite so look like calc-silicates (3B3)
L	9131	9159				Slightly calcareous green & blue-green metabasite.
L	9159	9162				Bleached looking 1D. Not all way to 1D4. Appears to be margin to metabasite lower contact gradational
L	9162	9171				1E (1D2)
L	9171	9174				5D4* Minor possible fuchsite
L	9174	9187				1D Fine andalusite porphs Faulted lower contact.
L	9187	9192				Rusty carbonated tan-weathering fault bxa Possible 5D4* & 1D clasts/fragments Faulted lower cnt 15° C.A / Upper 25° Sz disrupted
L	9192	10169				1D → 1D2 w/ small interbands of 1E largest 1E interband has been sampled. Minor small andalusite porphs. Fault zone – black cohesive bxa (like Tie fault) occurs @ 1053 ft.
L	10169	10173				Interval of phyllite w/ biotite bands which are slightly calcareous & contains blue-green amphibole. Suggest calc-silicate or slightly calcareous metabasite. Interlayered w/ medium grey phyllite w/ some biotite visible on Sz folia.

3A

DDH 4,5,6,7,5,1,3 (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
		1,1,3,1,0				lighter colored med greenish grey biot-musc-chlorite phyll. w/ sparse and. porphs (1-5 mm long) Sections of alternating brownish biot-rich & greenish chlorite rich phyllites. All have phyllitic sheen on S_2 Suggest slightly altered schist/phyllite & not meta volcanic sequence
	1,1,3,1,0	1,1,5,1,0				Core sampled 1D Dk med. grey colour.
	1,1,5,1,0	1,2,4,1,0				med greenish grey phyllites 1D w/ dark grn chl clots and white with brown rim clots of andul. + bio. - andul+bio clots seem to overprint S_2 while dark clots are syn S_2 or earlier. Dont know what dark clots were. This is 1st appearance of good andul in hole - earlier clots called andul are the dark clots. some of earlier clots are elongate and have prismatic shape ⇒ alum. sil. or staur? This implies complex history of multiple heating events.
	1,2,4,1,0	1,2,6,1,0				sampled (1D)
	1,2,6,1,0	1,3,1,7 S				as 1150 - 1240
	1,3,1,7 S	1,3,4,5				med grey carbonaceous phyllite - no green of chl or brn of bio - contains dark grey prismatic elongate clots. minor qtz fold TT s.11 (10F) S_2 moderately to severely disrupted by later foliation has dark grey bands
	1,3,4,5	1,3,6,1,0				1E sampled
	1,3,6,1,0	1,3,7,2				interlayered qtz felsl TT & pale grey to med dark grey phyll 60:40 (biggest 10F @ 1366-1372) phyllite slightly bleached locally dogs breakfast zone of small porphyry sills and partially altered muscovitic schists with relict clots of bio bearing schist = 1C6?
	1,3,7,2	1,4,1,0 S				
		1,4,1,6				highly bleached, carbonated, fractured and qtz-calc veined 1D schist?

note: this andul is a distinctive almost opalescent bluish grey to off white. and is in qtz veins rimmed by biotite

DDH 4,5,6,7,5,1,3,
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
	1,4,1,6	1,4,2,0				foliated SC4* = carbonated metabasite
	1,4,2,0	1,4,2,6	S			carbonated and altered phyllite very mussovitic, white;
						tan weathering - may be minor SC4* - alt phy. SC4* to 6
						apart by relict clots of ID
	1,4,2,6	1,4,3,6	S			slightly bleached med to light greenish phyllite - ID and/or porphs intact
		1,4,4,4				gouge in med grey phyllite (ID)
		1,4,4,8				v. dark grey to black coherent fault rock with
						quartz augen - resembles Tie fault rock - interleaved
						with ID phyllites
		1,4,9,1				light greenish grey phyllite with large off grey anhdl porphs
						excellent pink anhdl in minor quartz veins. Also have
						darker clots elongate in S foliation - again rock appears
						to have a bleached appearence. — like ID6
		1,5,1,0				coherent (ID4 former anhdl porphs, bleached) fault zone
						cut by later fractures with paper thin red weathering
						stain on fractures and disrupted foliation - gouge
						near bottom or 1/3 of unit
		1,5,4,5				mixed zone of bleached musc ± chl ± large anhdl porphs with
						minor bio assoc w anhdl - interlayered with more normal brownish
						bio musc ± anhdl schist -
		1,6,2,3				bio musc ± minor chlorite ± staur anhdl garnet schist
						biotite forms thin bands distinct from more mussovitic
						bands - staurolite small honey colored - anhdl large
						irregular anhedral overgrowths assoc with biotite (this
						association becoming more difficult to see as overall
						biotite content of rock increases.

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

DDH 456.7513 (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
		1613.2				foliated med green metabasite ± SC
		1717.2				psammitic bio musc schist - looks slightly finer grained - seems to have a fair amount of qtz + feldspar intergrown with biotite as opposed to bio in bands* - has large irregular elongate dark clots along S_2 now chl.? ± related to chl clots ep halo ?? - analysis similar
						* rock still banded though its just that bio is not strongly segregated into qtz-fld vrs mica bands but bio is more evenly dissem in qtzose & less qtzose bands - the finer grain size is taken to be consistent with this overall more qtzofeldspathic nature (psammitic)
		1717.7				medium grey green homogenous to vaguely laminated metabasite
		1939				banded musc biotite and/or ± garnet (minor) ± staurolite schist - locally has some chl clots elongate along S_2 - v. minor intervals of micaceous musc rich pale greenish grey schist
		1984.5				mixed zone of above schist with interbands of med green metabasite and some interbands of micaceous schist with clots of bio and/or schist roughly along S_2 (=155?) schistosity meas 155 70:20:10
		2210.3				Messy zone of metabasite (green locally altered to SC04*) interbanded with typical bio musc and/or ± garn ± staur schist and muscovitic green-cream schist with bio rich clots // to S_2
		2211.4				schist with minor muscovitic bands in it

DDH 45675.13 (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
		22.5.6				marble and calc-silicate(tactite) marbles are med grey med xln & not carbonaceous - calc sil is foliated med green with pink patches. & minor Pb-Zn
		23.98.5				background unit is lam banded bio musc and/or ±gnt ± staur sch - can see it's finely banded between more qtz rich & less qtz rich bt - at the same time is more speckled locally (partly due to intense recrystallization but also due to better gnt development & smaller and/or clots) see below
						subordinate is musc + chl? schist with bio and/or clots. - seem to be assoc with fractures gouge & oxidized zones in some instances.
		24.8.8				bio schist like bio schist part of above unit - laminarly banded - minor possible S_1 or $*/3134/*$ Andalusite bio combination is pre a recrystallization of S_2 since its recrystallized - (seen up hole too)
						bio musc qtz and/or staur garnet
		25.1.7				as above only interbanded with bio clotted musc rich schist
		26.3.12				bio sch with large qtz vein 2585 - 2591 - above qtz vein is good example of the speckled texture described/noted above and it may be caused by recrystallization of S_2 causing bio orientation in two directions.

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

DDH 456751.4 (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
						Upper part of this hole is in transition between Vangorda phyllite and 3D calc-silicate. Phyllite is grey-green with biotite purple colours gradually becoming dominant as go deeper the DDH. Medium green colour is well developed both in matrix (micaceous bands) and dispersed within the calcite-quartz bands. Cannot readily tell in matrix proportions between tremolite/actinolite and chlorite.
						At about 310 feet begin to see a bluish green tint to the former green sections. This bluish tinge is most noticeable in the meta-basite intervals. In this DDH we does not see the well-developed blue-green amphibole colour as logged in DDH 456-75-13.
						Calc-silicate unit is cut out by fault + IOF dyke before metamorphic grade is high enough to complete this transition. Calcite-qtz bands do contain med. green amphibole like observed in deep Grum DDH. Appears to be precursor to intense blue green bands of good 3D calc-silicate.
	10	150		1	#	Overburden
	150	918 0		2		Brown & greenish grey calcareous phyllite with obvious biotite development yet retention of grey colour - esp on foliation surfaces. Overall calcite-quartz laminae constitute 20-30% Short carbonaceous interval @ 75 feet underlain by some short abnormally calcareous sections. Blue-green colour locally which actually turns out to be micaceous bands.
						580 ± biotite / patchy biotite

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

DDH 4.5.6.7.5.1.4
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	1918 0	11017 0		13		Medium olive green calcareous phyllite. Texturally resembles overlying unit. Green colour like 5D. May include some 5D-banding generally well developed. 5D80 protolith ??
L	11017 0	11615 5		14		Medium grey brn ± greenish grey calc. phyllite similar to Unit #2 (5.0 – 98.0). Green appears to be related to fractures and may represent retrograding of biotite — is this the problem w/ this green dominant interval ?! Normal calcite laminae for 5B — 15-20 %. 5B80±8± biotite ?
L	11615 5	11785		15		As Unit #3 (98.0 – 107.0). Greyish green with fairly well developed calcite-qtz microlithons. Brownish patches along S_2 reflect biotite development. Evidence of biotite retrograding. 10-15% calcite-qtz veins. Looks like 5B80 ± biotite.
L	11785	21630		16		Mcd grey-green-brown calcareous biotite-chlorite phyllite. 10-20% calcite-qtz white bands. Large number of qtz veins.
L	21630	31106		17		~~As~~ above Unit #6 (198.5 – 263.0) but more biotite-rich. Better separation of green & brown units. Clear indication of biotite retrograding green on fractures. Green colour largely related to fractures Original rock was 5B0 biotite & now has fracture green. Grey colour less obvious – brown becomes dominant as biotite develops. Excellent qtz-cc lithon preservation w/ about 20% lithons. Approx. 50-50 brown/green with green fracture controlled overprinting of brown.

Minor metabasite 113-116

DDH 4.5.6.7.5.1.4 (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	131100	131235		18		Bluish-grey-green brown weakly calcareous biotite/chlorite phyllite. Minor cc-qtz lithons - fewer lithons than above unit. = 7'( ) Stronger green overprint of brown biotite. Immediate fracture area contains epidote. Fracture set 40% core axis - en echelon tension gashes - symmetrically arranged epidote (core) & qtz (margin). Cannot tell if metasomatism is into matrix (biotite → amphibole) or metasomatism out of matrix (biotite → chlorite) 5BO biotite ± strongly overprinted
L	131235	131435		19		5BO biotite Grey-brown calcareous biotite phyllite with reasonable lithon development. 10% qtz-cc bands mainly in upper part. Green mineral developed patchily along S_2 & cross-cutting S_2 — related to fractures & buff qtz veins.
L	131435	131890		110		Greenish grey to greyish-green calcareous biotite phyllite which has gone completely green related to numerous en echelon tension fractures filled by quartz-calcite. Only locally is it harder than biotite phyllite. 5BO biotite retrograded/overprinted 10-15% qtz-cc bands. Texturally 5B rather than 5D.

DDH 4.5.67.5.1.4 (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	13819 0	14212 0		111		5BO biotite (5B3 biotite) Medium brn calcareous biotite phyllite. Excellent microlithon texture. Qtz-cc bands range widely from 10% to some brief intervals of over 50%. Contains blue green amphibole colour up to 20% of interval. The blue green appears mainly along or related to late cross-cutting fractures. Some minor med-green bands seem related to original SD protolith. The blue-green is not banded blue-green related to micaceous-qtz-calcite bands.
L	14212 0	14317 0		112		Medium bluish green w/ yellowish green patches (epidote) moderately hard to hard calc-silicate. Only patches of brn biotite. Interval cut by fracture networks containing epidote. Fractures have halos of epidotized rock. Original qtz-cc lithons particularly susceptible to this replacement — within 5' one has 5BO bio (qtz-cc) and blue-green calc-sil w/ yellowish green microlithons. Clearly originally the same rock. Major overprinting of biotite w/ green. This interval proves can form calc-silicate mineralogy by overprinting related to fractures.
L	14317 0	14612 5		113		50%/50% brnish grey calcareous phyllite & amphibole-calc silicate calcareous phyllite w/ brnish bands + ½ hard fault bxa with same blue-green calc-silicate mineralogy / flooding noted in Unit 12 (422-437.0). Fault bxa well developed 442', 445-447'. May be master fracture for above altered zone.

DDH 4.5.6.7.5.1.4
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
	14612 5	14810		114		Calcareous biotite phyllite w/ blue green ms bands & patches related apparently to fractures. Background rock excellent SBO biotite / Superimposed is blue-green alteration largely fracture controlled — 1 10cm band could be more lithology controlled as ms 456-75-13. 467.5-469.5' is green altered fault brx similar to Unit #13 (437.0-462.5) Fault ~40° to core axis
L	14810	15012 5		115		Another med yellowish to bluish green calc-silicate w/ purplish brn patches. Brn biotite remnants remote from fractures. Rock hard & cuts very smooth (core surface) Some preserved banding suggests protolith SBO. Some homogeneous & bluish green sections may be SD protolith Base of unit is fault at about 30° to core axis. This interval extreme case of fracture controlled flooding above — related to fault brxs noted above.
L	15012 5	15430		116		Medium grey, generally non-calcareous phyllite. Strong S_2 fltn, well developed microlithons Unit moderately hard. Colour & appearance of I.D. (substantially harder & looks more siliceous) No porphyroblast present. Minor interbanded meta-basite resembles SD. 505-522 very broken, rubbly w/ gouge sections, S_2 steeper than normal (~~20°~~ 40° core axis) — continuation of fault zone at top of unit ~~lower contact~~ last 10' intact but looks sheared. Dyke (next unit) has chilled intrusive contact against it

DDH 4,5,6,7,5,1,4 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

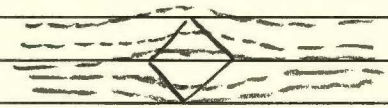
Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
	15413 0	15419 5		117		Qtz-fldspar biot. porphyry. Brn aphanitic matrix where fresh. Extremely altered to clay mass w/ intact texture. Some bxa of less altered frags in goopy clay matrix. Altered dyke – 10E clan.
L	15419 5	15514 0		118		Brn & lesser green slightly calcareous phyllite w/ sparse white qtz-cc bands – Some bands w/ epidote. 5BO biotite
L	15514 0	15620		119		Med to dk grey phyllite, non-calcareous, excellent 5mm – 20cm 5D type bands. Most reminiscent of Unit 3A (Faro area). One small porphyry section.
L	15620	16410 5		120		Porphyry dyke. Med. grey. Qtz-fldspar-hbl-biot porphyry. Similar to above dyke. Groundmass holocrystalline-fine grained. Xenoliths. 3' upper chilled margin w/ more conspicuous biotite. Clan 10E-more than 10F. Only minor qtz. Hbl shows fltn (flow?) @ 45° core axis. 616 – 621' short interval of med grey to dk grey laminarly banded ~~(cgl ? tuff ?)~~ phyllite. Upper cnt of dyke against phyllite? is 45° w/ chilled margins. Banding in phyllite? indicates strong shearing.
L	16410 5	16536		121		Highly sheared med. grey to olive green rock. Combination of 1D, 1E, & 5D rocks caught in shear zone. Resembles Tie fault rock. Intensed fltn 45° CA. Dykes intrusive into major fault à la TIE fault? Has elements of 3A – could be 3A sheared out.

C.A.M.C. 1981 – E – 3A

DDH 4.5.67.5.1.4 (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
	161536	189100		212		Laminarly banded medium grey phyllite. Banding caused by lighter grey grosse siltstone bands in phyllite. Grey caused by carbon. Contains euhedral rectangular porphyroblasts of andalusite in darker grey micaceous portions — ½ to 1 cm across. In some cases see original pale grey and. Otherwise have dark soft pseudomorph of and (chlorite ??) and overgrows dominant S_2 fabric so have post S_2 growth.
						S_2 goes straight through porph. In some cases — several instances see a slight bulging of S_2 around porph. Not a rotated internal inclusion pattern.
						
						Porphs typically have dk grey to black rim of ??? Some minor 3B bands.
						As go down DDH and porphs become larger & more numerous. Near bottom of interval readily see biotite as forming clots partly to completely retrograded to chlorite surrounding rims of and. On checking back near top of interval can see minor biotite locally on rims of euhedral andalusite.
L	181900	191100		213		Sample ID taken for py in / py out sulphur isotopes

DDH 4.5.6.7.5.1.4 (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
	191.10	191.78		1213		Continuation of same andalusite development as described farther up DDH. Clots become longer & more numerous. Many appear to be strictly chlorite ± biotite & look flattened in S_2 fltn. Others consist of clots of andalusite (fresh) surrounded by biotite — these have irregular margins. Begin to see biotite colour in the phyllite matrix. At bottom of interval have muscovite-chlorite clots definitely representing former andalusite. Then in same rock have fresh irregular clots of fresh biotite-andalusite.
L	191.78	191.86		1214		Bleached muscovite minor chlorite phyllite. Overall weathers to a light tan beige. Abundant pale green "flattened" in S_2 chloritic clots — retrograding of former andalusite. 1D4
L	191.86	192.18		1215		Medium dark green, homogeneous, fine-grained metabasite interbanded w/ 1D biotite phyllite/schist. Proportions 60:40. Phyllite/schist has pale green chlorite clots — altered andalusite yet lots of fresh biotite in matrix.
L		192.165		1216		1D Schist phyllite. Matrix generally greenish chloritic. Contains abundant development of irregular biotite-andalusite clots. Relict green clots. Also matrix biotite.
	192.165	192.210		1217		Dak green meta basite.

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

1081

DDH 4567514
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	1091 0	1019 10 0		218		1D schist
						Biotite-chlorite-andalusite schist. Chlorite in matrix + clots (relict) Abundant biotite in matrix Abundant small andalusite + biotite forming small grains ready to coalesce on S2 fabric
L	1019 10 0	1111 10 0		219		Sampled 1D for Py in/Py out studies
L	1111 10 0	1113 30		310		Med. dark green metabasite locally leopard rock
L	1113 30	1116 15 0		311		Chlorite-musc-biot-andalusite schist w/ green chlorite clots + fresh biotite-andalusite clots. Few minor metabasite interbands. Pink andalusite in qtz veins, largely in last 10 feet — leopard rock appearance 5C*
L	1116 15 0	1119 19 0		312		1D altered
						Zone of altered & sheared schist. Fault at top 45° core axis Mass Mess of chlorite w/ relict andalusite Gradational lower contact to less altered biot-musc + chlorite schist with green clots + fresh biot + andalusite. Biot also in matrix. Chlorite in matrix
						Unit becomes increasingly sheared & flattened as approach bottom of interval. Last 17' very green, resembles metabasite contains strung out biotite & andalusite bands along S2. Schist alteration??
						Entire interval green tinged w/ 2 very green subintervals — both w/ schist relicts in it.

Is upper part of this unit a strongly sheared schist mylonite ??

DDH 4.5.6.7.5.1.4 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	1191960	1214150		313		Fault zone. Contains carbonaceous phyllite which is extensively fractured & broken, gouge, 1D altered schist w/ relict clots. Fault zones comprise about 60% of unit. 1D schist sandwiched between fault zones forming upper & lower intervals. Fresh biot-and. clots present in schist.
L	1214150	1281000		314		Medium grey biot-muse-andalusite ± chlorite schist. Biot-and. clots, irregular outline. Chlorite locally visible in matrix. Last remaining 8' locally carbonaceous.
L	1281000	1310100		315		Sampled for py in / py out sulphur isotopes. 1D2 or 1E
L	1310106	1313146		316		Biotite-muscovite-andalusite ± chlorite schist. Chlorite locally in matrix. Biot-andal. clots developed along S_2 fltn. Biotite also in matrix. No garnet present in these rocks. Bottom 9' contains carbonaceous intervals interlayered in last 3' w/ metabasite
L	1313146	1314160		317		Metabasite. Med. dk green, homogeneous.
L	1314160	1317300		318		Hard (siliceous) dk grey & white striped carbonaceous siliceous phyllite. Good dark phyllitic separating siliceous white qtzose lithons along S_2. Has dark soft clots elongate along S_2. Last 3 ft contains hard green calc-silicate bands & minor sphalerite in bands // S_2 & concentrated in fractures.

DDH 4.5.6.7.5.1.4
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	1371.3	1378.5		1319		Black carbonaceous phyllite w/ white & light bluish to yellowish green hard calc-silicate bands. May have very minor sphalerite. Distinctive thin intense light & dark banding. Locally slightly calcareous — however bulk of calcite consumed by calc-silicate reactions. Light stripes about 50% of rock. Essentially nil blue-green amphibole — Along line between yellow calc-silicates & pelites w/ a 9 for carbonaceous
L	1378.5	1428.0		1410		Dk Med. grey to dk grey, carbonaceous phyllite w/ substantial biotite & blue-green actinolite bands & lesser yellowish green diopside/epidote bands. TOI - 1397' - ~~Dk~~ Dk grey, green & white banded w/ biotite along S_2 / 1397 - 1416' Dk med grey w/ green calc-silicate banding w/ biot along S_2 / 1416 - EOI it is dk grey again. Bt along S_2 folia. One sample has calc-silicate minerals in bank growing across the S_2 fltn.
L	1428.0	1431.0		1411		Zone of Unit # 40 (1428) interlayered w/ Unit # 39 (1373 - 1378) White calc-silicate bands at Top & bottom of interval. locally white bands are very calcareous.
L	1431.0	1457.0		1412		Hard dk grey to black carbonaceous, siliceous phyllite w/ Variably calcareous calc-silicate bands. Bands are greens & yellowish green. Yellowish greens w/ minerals growing across S_2 more dominant. locally see biotite along S_2 folia. Green is not blue-green amphibole — looks more like fine grained dk green epidote. Interval very hard — Some hardness as Unit # 39 (1373 - 1378

DDH 4.5.6.7.5.1.4 (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	1417.5	1417.6		413		Variably calcareous green to yellowish green metabasite. Homogeneous but well foliated. Med to dk, slightly bluish tinged green. Has disseminated dk epidote bands & dk chlorite (?) clots.
L	1417.6	1486.0		414		Hard, dk grey to black carbonaceous phyllite w/ med. greens & light green variably calcareous calc-silicate bands & very minor marble. W/ 2½' of chlorite-biotite, soft, noncarbonaceous schist which looks retrograded
L	1486.0	1500.0		415		Sampled ? — No note left
L	1500.0	1511.0		416		Very hard, dk grey to black carbonaceous siliceous phyllite — could be called a qtzite. Dk grey to black S_2 folia separating light qtzose lithons. Minor pyrite in qtzose bands. No sphalerite noted.
						This graphitic, siliceous phyllite — ribbon-banded w/ minor sulphides is a logical distal 4A equivalent. Should possibly consider Units #38— as possible distal ore facies. This is like Fishhook C/c carbonaceous qtzites / siliceous phyllites and like rocks intersected in DDH in Swim C/c that appear to represent horizons below SWIM.

At 1501' 8" of white mine-qtzite w minor disseminated Py ↓ 2B??

Interval invites comparison to carbonaceous horizon below GRUM or possible comparison to 3A

DDH 4.5.67.5.14 (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	151111 0	151113 5		1417		Dk green metabasite similar to those above.
L	151113 5	151119 5		1418		Hard, light brnish grey siliceous phyllite / micaceous qtzite. Light purplish brn due to disseminated & foliaform biot. Contains sign. muss. Looks like above graphitic siliceous rocks altered due to proximity of metabasite. Contains thin interlayered calcareous probable altered probable 5D equivalent
L	151119 5	151230		1419		Variably calc. med. greens to orangeish beige metabasite & altered carbonated metabasite. Has some dk biotitic bands which may be former schist
L	151230	151270		1510		Dk grey to black fault bxa w/ sections of siliceous phyllite as above. Fault @ 45° Core axis. Real bad slicks rake 20°, 70°, 90° on fault plane
L	151270	151285		1511		Orangeish weathering, very light beige, muscovite-qtz-carbonate(-?) 5D4* analogue. Similar to muscovitic qtzite noted above. Carbonated metabasite?
L	151285	151295		1512		Striped carbonaceous, siliceous phyllite as above.
L	151295	151310 5		1513		Orange-weathering muscovitic qtz-carbonate phyllite 5D4* analogue.

DDH 4.5.6.7.5.1.4. (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	1513.10	1515.5		514		Carbonaceous, white & black striped, very hard, siliceous phyllite as above. Overall very hard but does contain soft black layers. Exactly as above units (46 1500 - 1511) Bands of minor disseminated pyrite. Top 2½ ft fault bxa w/ frags of this rock & carbonated metabasite in fine rock flour matrix. 1545 - 1546 bull qtz veins
L	1515.5	1517.90		515		Altered metabasite. Orange-brn weathering carbonated metabasite w/ fuchsite 5D4* w/ 1558 - 1570 has core of fresh metabasite of green colour. Top & bottom of interval has small zone of bleaching in carbonaceous siliceous rocks.
L	1517.90	1519.80		516		Hard to moderately hard striped black & white siliceous phyllite as above. White stripes ½ mm to 5mm 2mm common. Black stripes tend to be thinner — pepper thin to 5mm. Laminated. Same colour & texture as 21/41 but not as thick.
L	1519.80	1602.5		517		Same black siliceous phyllite interlayered w/ metabasite & qtz veins. Appears to be termination of the siliceous phyllite - metabasite package. To cycbull 1500' - 1602.5' forms an obviously related group of rocks. Interval from ± 1350 - 1372 is a comparable interval of rock types although striping is slightly coarser in scale.

Metabasite altered - carbonated

DDH 4.5.6.7.5.1.4 (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
	1161012 S	1161135		158		Variably altered musc-chlor ± biot schist w/ biotite-andalusite clots. Again see earlier clots "reduced" to dk green chloritic clots. Greyer more micaceous bands also have rectangular embedded andalusite. Some compaction w/ r ± S_2 – no obvious S_2 rotation. Fresh end. in core & dk "altered" margins (dk). First sign of normal ID schists since above siliceous package.
L	1161135	1161515		159		Dk grey to med grey & med dk grey, variably carbonaceous andalusite phyllite/schist. w/ intervals of biotite brn. showing. Musc-biot- ± andal. Minor interlayered 5C4# First 8' carbonaceous w/ calc-sili bands 1620-1623 light brnish grey & biotitic. Contains numerous green siltstone laminae — slightly finer grained – up to 1cm thick. Last 6' has short very hard intervals. Some interlayered calc-silicate. C-S. does not cause the extreme hard.
	1161515	1161630		160		Dk med. grey to light olive green calc-silicate phyllites. Variably calcareous. Some light green intervals possibly diopside? Contains large calc-silicate porphs crosscutting S_2. 40% c.s. layers & 60% dk micaceous layers.
L	1161630	1171170		161		Med grey to dk med grey w/ local brnish (biot) or greenish (chlorite) noncalcareous schist. Relict andalusite – only appears largely to be retrograded. Still get biotite on margins of clots. ID w/ slight alteration overprint. more musc-chlorite – no carbon assemblage

C.A.M.C. 1981 – E – 3A

DDH ____ (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	171170	174100		1612		Med. greenish grey musc-chl ± biot phyllite. Dk greenish grey clots pseudomorphing biot + andal. clots. Similar to above interval but more altered — lighter colored but same texture. Get some relict biot-and. clots.
L	174100	174120		1613		Hard dk grey to black noncalcareous phyllite w/ qzy along S_2 & fractures. Carbonaceous. Contains thin chert intervals.
L	174120	175150		1614		Med grey fault gouge / bxa zone. 45° core axis. ID
L	175150	191114		1615		Variably altered ID schist. Most of interval light to med greenish grey w/ some carbonaceous intervals (1857-1859) & lighter greenish zones (1848-1857 & below 1893). Dark mottling after andalusite & biot. Some fresh clotted and-bio in even more altered intervals. And. in qtz veins. Assemblage musc-chlor-biot ± and ± staurolite Minor py, cpy, sphal — esp. in dark zone. Staur. begins to appear as small resin shapes. Has both clots & pseudomorphs and-biot
L	191114	191290		1616		Interbanded interlayered altered metabasite, siliceous calc-silicate, and siliceous carbonaceous ID2 phyllite. Calc-sil interlayered greens & browns w/ variably calcareous laminae ~~Biot~~ Siliceous ID2 clots are flattened in S_2 — dk — carbonaceous, abnormally hard, but texturally ID. Lower ½ unit rich in carbonaceous schist w/ short intervals light greenish grey qtz-musc-chlorite schist — could be altered schist - could be mylonite. Probably calc-silicate is funny altered schist - possibly mylonite??

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

DDH 4.5.6.7.5.1.4 (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	119219 0	119314 0		1617		Med. green, well foliated homogeneous metabasite
L	119314 0	119416 0		1618		light grey to med grey, moderately hard schist with abundant small andalusite porphyroblasts. Seems abnormally hard. Similar to last 3' of unit #66 ( ). Last 2½' of interval is brn & light green banded rock similar to calc-silicate type rock above. Noncalcareous, hard. Looks like zones that could be altered schist – symmetrical about metabasite. (similar to last unit)
L	119416 0	119514 0		1619		Med, slightly bluish green, slightly foliated, homogeneous metabasite. Surrounded on both sides by jade greens & brn striped, hard, calc-silicate looking rock which probably is altered schist (?)
L	119514 0	119612 0		1710		Dk grey to black, moderately soft, slightly/variably calcareous, finely laminated in blacks/greys/greens phyllite. Some calc-silicate bands. First foot probable alteration as described above. Locally some fine andalusite mottles. Minor py disseminated – 1-2% & some cpy
L	119612 0	119615 5		1711		Heterogeneous brn & green irregularly banded schist w/ irregular and-biot clot relicts / thin to thick banded possible diopside-bearing calcareous sections w/ characteristic coalescing large grains overprinting Sz / dk med. grey, mod. soft phyllite noncalc w/ rot pseudomorphs.

C.A.M.C. 1981 – E – 3A

DDH 4.5.6.7.5.1.4 (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	19615 S	19914 O		1712		Med grey musc - chlorite - biot - andalusite schist. Poker Ham common ID — slightly altered. Contains dk green chlorite clots elongate in S_2. Fresh and - biot clots often expanded across core to form bands rather than clots. Still 2 generations of clotting. Last couple of 10' entering gradation of clots the coarser IC type schists. Assemblage is ± rosin coloured staurolite.
L	19914 O	20215 S		1713		Dk to med green, well foliated generally homogeneous metabasite w/ minor bands of biotite schist. Generally "fresh" dk green metabasite locally calcareous — especially in biotite zones.
L	20215 S	20151 S		1714		Med greenish & brnish grey musc - biot - chlorite - andalusite ± staurolite schist. Biot - musc and clots sometimes have staur. Locally get streaking of all minerals along S_4. See 2 generations of clots — fresh clots in majority. Coarser grained overall — biotite well developed in matrix. Laminar banding in biot & qtz-fldspr characteristic of IC but still has andal. clots. ICD
L	20151 S	20180 O		1715		Schist as above & below interlayered w/ dk bluish green & brown interbanded calc - silicate. C-S as 10% of unit 1½' thick band. Green - brown leg of calc - silicates. Similar to CNR 76-01 calc - silicates near bottom of DDH. Schist locally very rich in staurolite.

DDH 4.5.6.7.5.1.4 (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	210810	210914		1716		Greenish grey biot-musc-chlorite-staur-andal. schist Lots of staurolite. Fair amt of dk green andalusite clots
L	210914	210916		1717		Med. green, strongly foliated metabasite / amphibolite w/ radiating actinolite needles on S_2 Anastomosing lenses of light-coloured mica along S_2 Slightly calcareous. S_2 cut by asbestos form veins
L	210916	211212		1718		Med. to light greenish grey to brownish grey musc-chlor-biot-and-staur. schist. Most retrograded Dk andalusite clots in muscovitic matrix Staur present in andal-biot clots
L	211212	211413		1719		Coarsely porphyroblastic schist Same as above only note that suddenly see abundant garnets. These are commonly quite large. Where were they in the DDH? Retrograded appearance but fresh porphyroblasts of biot-and-garnet-staur.
L	211430	211519		1810		More altered version of above schist (#79 2122 - 2143). Light beige to off-white muscovite-qtz-andal.-staur-garnet Only biot is in andal. clots — not in matrix schists. Matrix schists shot-clots are fresh. Textures indicate some relicts. Lower ½ of interval this rock interleaved with less altered schists similar to Unit #79 (2122 - 2143) 6" metabasite at 2154'

DDH 4.5.6.7.5.1.4 (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
		211810 5				Med grey to light grey, med. xlline calcite marble w/ some darker grey bands (slightly carbonaceous zones) Interlayered w/ on fine scale tremolite-garnet calc silicates — locally boudinaged but mostly layers. — about 10% calc. silicate Intervals of biotite schist — up to 1½' long. In centre of unit is 8" dark green foliated metabasite. Tempting to compare to Vangorda Plateau 3E but floaters not dispersed bandins (no CDR) no banded calc-sil. in plateau DDH as noted here.
L	211810 5	213912 0				1 C O thinly banded, pervasively S_2 foliated musc-biot-gar-staur-and. schist With some ghosty clots of and. material locally matrix retrograded to musc-chlorite. And. much less obvious And. occurs as abundant smaller grains in bands. Not as conspicuously mottled as above. Banding is based on micaceous & gtzose layers. Coarse grained
L	213912 0	213914 5				Med. blueish green well foliated amphibolite / metabasite
		214117 0				1 C O Biot-musc-staur-gar-and. schist Similar to Unit # ( ) schist described above Some retrograding of biot → chlorite // S_2 Minor garnet Abundant staur. Good IC type schist

DDH 84.F.09. (2 – 8 FEET)

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	0 0	10 0	0 %	1	#	gaseous substance 80% O_2 20% N_2 tr Ar + CO_2
L	10 0	33 0		2		moderately hard predominantly blue green c.s. with thin sparse perp. bio layers and mod abundant white calc. lamina → largely altered to light creme green locally dk green speckled, mineralogy (dk green spk = dk green epid. ?) bio layers < 5% original light lamina ≈ 20% now only 5-10% calcite bearing minor relict lithon texture - fading because of repl by c.s. minerals
L	33 0	43 5		3		similar to #2 but can see qtz calcite microlithons readily since less time to c.s. minerals, rock moderately hard, still < 5% bio layers, calc+qtz lamina ≈ 30% - dark green mineral as isolated grains within lt lamina but no creamy green to yellowish c.s. minerals last 2' very calc rich
L	43 5	68 0		4		moderately soft to moderately hard, increasingly hard down such that last 5' is quite hard, blue green with patches (not bands) of perp bio, - calc+qtz lamina overpowered patchily by "dark green disease" originally ≈ 10% calc+qtz lamina ½ of which are replaced/altered to combination of creamy yellows dk green - much alter is fracture controlled as is the blue green colored mineralogy

Y
gc > 10
bg > 50
c < 5

C.A.M.C. 1981 – E – 3A

DDH 84F09

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	62 0	74 0		5		blue green dominant - no bio - going into fault zone with gouge below 67' assoc with general lightening of color from blue green to yellowish green, zone changes from hard to soft from TOI to 67' overall washout overprint by fracture controlled alteration. Probably originally 15% white lamina now 2/3 is gone to creamy yellow green and dk green minerals
L	74 0	89 0		6		hard to mid hard blue green dominant with patchy soft brownish bio laptics cale qtz lamina still present but largely replaced patchily by creamy yellow green and minor dk green minerals (latter largely fracture controlled) <5% bio, ≈ 25-30% (up to 1' sections to 70%) cale-qtz white original lamina of which only ≈ 1/3 now still is cale bearing - don't generally see microlithons in the light lamina but seem to go laminar bands probably due to total recrystallization of microlithons = characteristic of hole
L	89 0	93 0		7		blue green, homogenous, with sperse qtz-cale bands majority (≈50%) now yellow green epidote ± some dark green minerals - not good lithons but SD type irregular qtz cale veins ∴ this is SD
L	93 0	114 0		8		generally hard, blue green dominant with patchy preservation of bio as purp patches and brownish pink bands to elongate remnant folded largely replaced pelitic bands - clots ?? .5-10% bio bands originall cale qtz lamina largely replaced by light to grn. c.s. with splotches of dk green.

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

DDH 84F09 (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
						c.s. light banding is 15% overall. of which only 1/3 remains calcite + qtz bearing
						101-109 have a fault zone with broken core and lightening of color.
4	1140	1146		19		to=116 hard, fine grained, blue green, generally homogenous with vague zoning in shades of green : dk green with dk bands every 1" or so. - minor original qtz calc bands dominantly yellow epidote. - looks like SD - has SD type qtz calcite veins
4	1160	1316	5	110		to=136.5 moderately hard to moderately soft with typical calc silicate banding — irregular wispy diffuse banding that is more patchy than laminar commonly doesn't cross the entire core. - looks to be derived from c.s. disease spreading out from liths into phyllite bands. (see below unit #16)
						Dominantly pale creamy variety - matrix "phyllite" dominantly blue green with only minor partial or complete bio bands
						~ 7½% bio — lt creme c.s. bands vary from 15 to 30 % & some intervals to 1' long where banding is dominantly relict calcite qtz also intervals to 1' long where there is very little remnant phyllite material but total cutting by band disease
		4				

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

DDH 84E09 (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 (from 1570)	1365	1570		11		blue green dominant – no bio in phyllitic matrix, light lamina & bands both calc + qtz & creamy c.s. mins – calc + qtz being patchily replaced by creamy c.s. total lt. bands % = 20% of which ≈ 2/3 is calc + qtz rock is moderately hard to hard.
L	1570	1610		12		blue green homogeneous hard SD equivalent with both calc qtz bands & yellow green epidote bands
L	1610	1940		13		medium to light med. blue green dominant, patchy devel. of brownish bio in matrix – ~ 20% original calc + qtz lamina some with good micro lith text 3/4 are still calc + qtz 1/4 → creamy green c.s. – differs from unit up hole in that see some bio in this unit.
	1940	1985		14		blue green mbole & broken core – fault zone presumed similar to last unit.
						down to 198' the c.s. unit is blue green dominant – phyllitic portion almost totally replaced by blue green amphibole – calc qtz banding variably preserved so that creamy c.s. development is patchy

DDH 84F09
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	1985	2880		15		Interbanded brownish biotite phyllite and blue green former biotite phyllite - blue green repl of bio on scale of 5" to 1' thick as enhanced by preserved bio bands
						original phyllitic bands are now ~50% blue green ~50% bio bands - slightly bg dominant
						core soft to moderately soft
						original calc gtz bands partly preserved ± 10% of unit and calc gtz is remaining in ~60% of these - these bands are not obvious & not readily visible so that overall impression is a slightly calcareous blue green and brown banded phyllite -
						in contrast to above units this unit is fissile along S_2 so that it breaks into poker chips/plates.
L	2880	~~4228~~ 4060		16		Dark purplish brown biotite phyllite, irregular to wispy streaky banding by both light creamy blue & medium blue green amphibole/calc silicates. Calc silicate bands often dont cross core completely - look to be reaction away from original presumed gtz+calc bands - only rarely microlithons preserved - blue green amphibole commonly as margins to & islands ~~out~~ within creamy calc sil. Unit is hard to moderately hard and only locally slightly calcareous.
						creamy light bands ~30% - blue green ± 10% ~60% bio bearing bands

photo roll #3 frames #16 → #19

- minor homogenous blue green (presumed metal?) esp 1' at ~335'

This unit looks to GJ like the typical "mine calc silicate"

DDH 84F09 (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
						it also should have the modifiers 1 and 2
						to indicate it is hard and not very calcareous
						to avoid confusion with its classification on
						band characteristics
L	40,60	42,80		17		dominantly blue green med hard to hard mod calc
						to sl calc metabasite - thin, up to ~1' thick
						bands of dark brown biotite phyllite containing
						minor thin blue green bands ± lamina // S_2
L	42,80	43,95		18		dogs breakfast - interbanded carbonaceous biotite
						phyllite with andalusite pseudomorphs, dk green
						metabasite and medium green with local purple
						pink tint, calc silicates - in general interbanded
						on 1-2' scale. Top of unit chosen as 1st carbonaceous
						phyllite and base of unit as last.
						all units moderately soft to moderately hard.
						Note that the "calc silicates" aren't the best
						and have a mottled texture suggestive of flattened
						andalusite porphs perhaps implying that they are
						really retrograded 1D - micaceous folia suggests same.
L	43,95	44,60		19		Pale green to light purple pink chl ± bio phyllite
						locally with dk green amphibole (?) clots (pseudomorphs?)
						Non calcareous (except where it fizzes - top 6" of unit!)

Micaceous S_2 folia. This all seems to imply we have a retrograded 1D - where it not for the relict amphibole clots one would surmise this was soft calc-silicates. Has a few short sections of sl calc dk green metabasite.

DDH 84F09
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
						rest of hole is 1D etc and some sleasy
						4A etc so we didnt log it.
						NB: 3A from 406 to 439.5 and starts with metab.
						rather than starting with the 1st carb phy.

CYPRUS ANVIL MINING CORPORATION

Page 1 of 9

DIAMOND DRILL CORE LOG

Date: May 3, 1984

Hole Number: FA 84F-09

Project: Zone III SW U/G Area

Location: ANVIL DISTRICT

Claim: Faro 66

MINE ENG ~~Terr. Plane~~ Co-ords.: 6504.60 N

14501.24 E

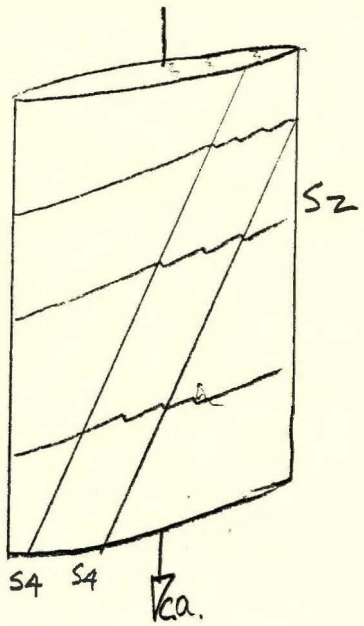
Grid Co-ords: 132+00 E, 9+00 N

COLLAR. Elevation: 4020.64 feet.

Total Depth: 814 feet

Inclination: −90°

Reference Fabric Orientation Diagram:



All symmetry determinations looking NW with S/S4 dipping

SW with dip azimuth 210/220.

Purpose: To test extension of ore Zone SW of Zone III and fault SW of 83F-02

Reason hole Terminated: Through ore Zone into footwall IC

Logged by: RBT

Date(s) Logged: May 1-3 1984

Drilling Contractor: E. Caron Diamond Drilling Ltd.

CORE Size	From	To
NQ	10'	814'

Collar Cased and Capped: No

Hole Cemented: Yes 3 bags Fondue Cement.

Steel down hole: No

Started: April 8, 1984 Completed: April 12, 1984

Cyprus Anvil Mining Corp. Page 2 of 9

DDH FA84F09 (2 8)

Diamond Drill Core Log Date: May 3/1984 Logged By: RST

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	FA84F09	4522.6	6504.60	14501.24	Feet	S2/S4	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	F	00	90	0.0	AT COLLAR
R	F	101 0	•	•	SPERRY SUN SINGLE SHOT
R	F	301 0	•	•	
R	F	501 0	•	•	
R		601 0	•	•	
R		701 0	•	•	
R		801 0	•	•	
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 FA.84.F09 (2 / 8) Cyprus Anvil Mining Corp. Page 3 of 9

Lithologic Log Date: May 1, 1984 Logged By: RST

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	0 0	100 0		1	*	OB Tricored
L	100 0	330		2	3D2,8	3 strongly calcareous. minor chlorite on S_2
L	330	440		3	3D7,3	
L	440	626		4	3D2,8	3 as unit 2
L	626	742		5	3D2,3	4 fractured, sheared weakly altered
L	742	847		6	3D2,$	9 (3D6) minor biotitic zone at 76.1 (0.5') minor carbonaceous bands at 82.5 (0.9')
L	847	1013		7	3D2,$	83 mod-strongly calc. minor chlorite developed on S_2 in places as Unit 2 & 4
L	1013	1091		8	3D163	8 Interbanded biotite, calcite biotite → chlorite in places. sheared calcite veined at lower contact.
L	1091	1165		9	3D2,$	8
L	1165	1355		10	3D4	(3D63) Interbanded
L	1355	1480		11	3D2	
L	1480	1636		12	3D3	→ 3D2
L	1636	1837		13	3D23	(3B3) 3B3 @ 167'(2.3'), 169'(2'), 177.7'(1.5'), 182.6(0.5')
L	1837	1980		14	3D08	(3C0) 3C0 from 190 → end weakly calc.
L	1980	2738		15	3D4	→ 3D63 Interbanded.
L	2738	2835		16	3D6,$	9 minor carbonaceous bands in places.
L	2835	3105		17	3D4	
L	3105	3249		18	3D4,$	8
L	3249	3312		19	3D2,8	quite chloritic on S_2
L	3312	3480		20	3D4	
L	3480	3546		21	3D6,9	weakly calcareous. Thin carbonaceous bands up to 1' almost 1D2 appearing.
L	3546	3916		22	3D0,1	(3D4) Thinly laminated quartz bands in places minor 3D4 interbands.
L	3916	3941		23	QQQ	
L	3941	4063		24	3D0	(3D4) 50:50 interbanded.
L	4063	4276		25	3D0,	(3B0) Interbanded 60:40 longest 3B0 at 416.5 – 421.5 all moderately – strongly calc. Unit 25 could be called start of 3A.
L	4276	4460		26	3A0,	Interbanded 1E0, 3B0, 3D, 1D. 436.6 - 439.5 1E (longest of 1E bands), longest 3B0 below this for 3'. Base marked by 3B0.

C.A.M.C. 1981 – E-3

DDH E A 84 F 09 (2 — 8) Cyprus Anvil Mining Corp. Page 4 of 9

Lithologic Log Date: May 1/84 Logged By: PST

Code	From	To	Recov.	No.	Unit	Description
1	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
L	446.0	466.7		27	1D 0 1 & 6	
L	466.7	474.3		28	1D 4 3	(0Q*) sheared weakly calc, weakly altered 1D with qtz-calc veinlets.
L	474.3	499.9		29	1D 6 1	(0Q0 1H3) narrow qtz veining throughout <2" 10% of unit. Narrow 1H biotitic w/ calc at 491.3' (1.2')
L	499.9	508.5		30	1D 3 1	→ 3D4 biotitic, weakly calcareous appears in places like 3D4 with minor chlorite.
L	508.5	516.4		31	1D 6 1	
L	516.4	517.7		32	1D 0 1 & 2	(0Q0 & 9, 1D3) development of more carbonaceous zones throughout. <10% of unit narrow 1D3 bands 0Q0 & 9 with minor py at. start 1.3', 568.1 (1.6') 571.6 (0.8') and (0.5')
L	517.7	595.0		33	1D 0 1	
L	595.0	620.9		34	1D 0 1	(0Q0) minor qtz veining throughout <10% of unit 0.8' 0Q0 at start, 0.9' 0Q0 with pink andalusite at end.
L	620.9	635.0		35	1D 0 1	
L	635.0	639.5			1D 1 2 & 9	v. minor py.
L	639.5	647.1		36	1D 0 1	
L	647.1	655.3		37	1D 1 2	(1E0) increasingly graphitic to end.
L	655.3	680.8		38	1E 0 1	(1D2) interbanded.
L	680.8	696.0		39	1D 0 1 & 2	sheared at start minor C zones between at. 1Da musc > biotite.
L	696.0	712.2		40	1C 1 D	
L	712.2	738.3			1D 0 1	(0Q*9) narrow calc veinlets with py developed in fractured zone over 8' in middle of unit.
L	738.3	747.1		41	1D 4 1	→ 2L0 increasingly altered to end last 3' 2L0.
L	747.1	751.0		42	2D 0 & 4	(1H4) 1st 1' <10% Pb+Zn then next 2' >10% Pb+Zn narrow gauge with fluorite (1H4?) at 749.5 (0.3') last 3" <10% Pb+Zn
L	751.0	753.9		43	2A 1 3	
L	753.9	756.3		44	2D 0 & 4	(2E4, 2Q0, 1H4) 2E4 @ 754.2 (0.5'), 2Q0 just after next 0.4', 1H4 with fluorite last 0.2'
L	756.3	763.0		45	2D 0 1	remobilised gn at 759 (2') forming narrow veinlets.
L	763.0	772.5		46	2A 1 4	(2A0, 2D0) interbanded 2A14, 2A0 70:30 2D0 at 764.6 (1') & 769.3 (0.7') poss. bleached 2A.

DDH FA 84 F 09 (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: May 2/84 Logged By: RST

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	7725	7866		47	1D4	(1E19) 1E19 mpy @ 773.7 (1.3') minor S_2 foliform py thru'out 1D4 and development of garnets // S_2
L	7866	8140		48	1C08	(OQO) qtz veins through out. 10-15% / unit chlorite developed especially round qtz veins. garnets well developed EOH.

DDH FA84F09 (2 8) Cyprus Anvil Mining Corp. Page 6 of 9

Structural Log Date: May 2/84 Logged By: RST

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2/S_4 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
								Essentially no development of post D_2 cremulations until below ore zone.
S	140	P,S,Z					45 210	S_2
S	285	P,S,Z					55	↓
S	380	P,S,Z					70	
S	490	P,S,Z					70	
S	610	P,S,Z					65	
S	770	P,S,Z					80	
S	870	P,S,Z					75	
S	990	P,S,Z					80	
S	1100	P,S,Z					70	
S	1180	P,S,Z					65	
S	1260	P,S,Z					60	
S	1360	P,S,Z					70	
S	1440	P,S,Z					70	
S	1540	P,S,Z					65	
S	1630	P,S,Z					35	represents zone 160 - 162
S	1680	P,S,Z					55	
S	1770	P,S,Z					35	represents zone to 182
S	1840	P,S,Z					50	
S	1930	P,S,Z					50	
S	2011	P,S,Z					50	
S	2070	P,S,Z					60	
S	2170	P,S,Z					70	
S	2270	P,S,Z					70	
S	2360	P,S,Z					65	
S	2450	P,S,Z					75	
S	2550	P,S,Z					65	
S	2670	P,S,Z					70	
S	2900	P,S,Z					70	
S	3070	P,S,Z					65	
S	3270	P,S,Z					70	
S	3370	P,S,Z					60	
S	3620	P,S,Z					60	
S	3870	P,S,Z					70	

DDH FA84F09 (2 8) Cyprus Anvil Mining Corp. Page 7 of 9

Structural Log Date: May 3/84 Logged By: DST

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1/S_2 Dip Direct.	S_2/S_4 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		406.0	P S 2				70 210	S2
S		424.0	P S 2				60	
S		426	P S 2				45	
S		438.0	P S 2				55	
S		448.0	P S 2				55	
S		455.0	P S 2				65	
S		472.0	P S 2				65	
S		481.0	P S 2				80	
S		493.0	P S 2				70	
S		503.0	C S 4	D		65 270	60 220	S4 S1=S2
S		518.0	P S 2				80 210	S2
S		533.0	P S 2				70	
S		553.0	P S 2				70	
S		575.0	P S 2				75	
S		590.0	P S 2				70	
S		604.0	P S 2				70 210	
S		627.0	C S 4			80 305	30 220	S4 S1=S2
S		635.0	P S 2				80 210	S2
S		648.0	P S 2				75	
S		669.0	P S 2				75	
S		680.0	P S 2				75	680.2 - 691.0 fault zone
S		688.0	P S 2				45	
S		702.0	P S 2				75	
S		712.0	P S 2				60	
S		726.0	P S 2				70	
S		735.0	P S 2				75	
S		746.0	P S 2				70	
S		753.0	P S 2				80	
S		757.0	P S 2				20	757 - 762 steep S2
S		762.0	P S 2				70 210	
S		772.0	C S 4	D		60 180	40 220	S4 S1=S2 strongly
S		779.0	C S 4	Z		40 170	40	↓ crenulated below one
S		785.0	C S 4	Z		30 170	30	
S		801.6	C S 4	Z		60 170	40	
S		810.0	C S 4	Z		40 180	25	

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

DDH FA84F09 (AT) Cyprus Anvil Mining Corp. Page 8 of 9

Rec'd DISCONTINUITY ~~Structural Log~~ UPPER INTERNAL LOWER Date: May 3/84 Logged By: RBT

Code	From	To	Feature	Ex	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	
FI	100	510	2B					broken essentially 2"-3" on S2
								and minor fractures
F		520					25 45	narrow fractures sim to above.
F	630	655	2SJ		30 100		25 45	
F	660	742	2SX		15 110		25 010	Upper 2' brecciated Cx veined last 4" bx.
F	1017	1091	BSX				35 30	1st 2' broken, last 4' fractured veined shear &
								last 2" veined bx
F		1408	1SV				20 010	
F	1557	1615	1SB		10 180		15 270	
F			1SV		40 90			S_2 rotated to steep angle upper
								cntr cx veined 2" lower cnt bkn.
F		1901	2GX				50 180	4" zone.
F	1935	1980	2XG		30 90		99 999	also broken
F		2116	2XS		30 90			4"
F		2532	VGS				99 999	3"
F		2720	VGS		25 30			3a
F	3275	3320	2J		15 200		25 90	Fractured zone weak shearing.
								Slicks on upper cnt. 70 toca / az 290 wrt S2
F	3916	3941	V				40 100	
F		4195	1S				25 330	25° toca - possibly following pre-
								D2 zone now healed.
F	4667	4710	3GX				20 000	Not too good measurement 000 below.
F		4745					25 135	2" shear.
F	5646	5774	3V					See lith log most veins sub // S2
F	6480	6600	2SG		50 135			narrow zones 648-651.4, 654.6(0.5")
								649.7 (1') low cnt bkn.
F	6801	6883	3SX		25 170			poor upper cnt.
F	6883	6994	2SB				40 40	
F	7258	7320	1SV		35 170			
F		7468	3GX		99 999			qz frags in gouge.
F		7497	G?					poss. fuchsitic gouge 3"
F		7546	V					pre D2 qtz vein thin mass sulphides. 3"
F	7940	7960	2SV					5" sheared veined zone 25° toca.
								// S2

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

DDH F.A.84.F.09 Cyprus Anvil Mining Corp

Page 9 of 9

Logged by RST

ASSAY LOG (SAMPLER'S COPY) Date May 3/84 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	7471	7510	331772	39	38	2D09&	4 (1H4)
P	7510	7539	331773	29	29	2A13	
P	7539	7563	331774	24	24	2D05&	4 (2E4, 2Q0, 1H4)
P	7563	7596	331775	33	33	2D01	
P	7596	7630	331776	34	34	2D01	
P	7630	7677	331777	47	47	2A14	(2A0, 2D0
P	7677	7725	331778	48	48	2A14	(2A0, 2D0)

DDH 456-7512 (2 … 8)

Feet

Cyprus Anvil Mining Corp.
Lithologic Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	00	916		1	##	overburden
		1166		2		purplish brown >> blue green and has white calcareous stripes (lithons) – dk med grey bands in last 5' – 151 → end is not very rich in calc stripes 5% opposed to 25%
		1915		3		poor in calc stripes almost subequal bluish green and brown. some grey green intervals
		2035		4		fairly homogenous yellowish (epidote ?) green with light dark green banding ⊥ to foliation – darker bands tend to blue green. – looks like SD
		2314		5		brn > lt blue green and with white stripes – colors look washed at brown is lighter and not so purple & "blue green" is really closer to yellow green – 1st 5' of unit is v. broken ∴ is this altered by fault waters ??
		2400		6		brn ≥ blue green few white calc stripes – colors are back to normal
		2710		7		brown ≥ blue green fairly abundant white calc stripes – short intervals (1-3') of brown dominant and green dominant
		2915		8		brown ≈ or < blue green few white stripes short brn : green intervals
		3116		9		yellowish blue green dominant some stripes ∈ between 788 – has the color of unit 4 but lithons of unit 2 ∴ is this SD derived ?? structure says SB derived ∴ is it SBB derived ??

C.A.M.C. 1981 – E – 3A

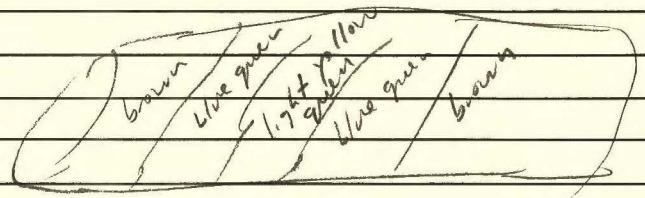
DDH 456.7.513
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
		414.5		110		mixture of brown blue green and yellowish green to off white non calcareous ~~limine~~ that appear to have epidote and diop?
						Slight tendency for zoning across s.



non calc light bands have a dirty yellowish to brownish green look to them as opposed to the white light colored stripes at top of hole which were calcite bearing.

This is a heterogeneous ~~unit~~ which has short blue green and short brown dominant intervals both of which have the lighter coarser grained

There is a tendency for the blue green intervals to have fractures in them while the brown dont complementing small scale observations like?

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

base of unit is base @ 530

could some 2' sections of green derived from SU. for example @ 388

DDH 4.5.6.7.5.1.2
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
		529				This is transition zone. it consists of
						50% a) medium yellowish to bluish green chloritic phyllite with
						dk chl spots - not terribly unlike unit 4
						and with sections like 5C% - the rocks don't generally
						have lithon structure but do have irregular
						folded qtz calc layers like 5D - the rocks are
						variably calcareous - these metab. are not very
						different from the green that alternates with the
						brown. (note 430 - 435 missing and assumed to be this)
						20% b) 1D schist / phyllite
						15% c) carbonaceous phyllite (1E)
						10% d) calc silicate that is dominantly brown and
						blue green like the CNR-76-01 calc sils
						5% e) purplish brown qtz bio sch like near fr th
						in footwall of the fault
						100%
						1E. not much calc sil - that which is present
						is like the CNR calc sils.

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

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: EA 81 F01

Fabric Orientation Diagram:

Project: SKI HILL REMAP & RELOG

Location: SKI HILL

Claim: GAL 12

UTM ~~Terr. Plane~~ Co-ords.: 6908492.0 N N

585587.0E E

Grid Co-ords.: L 28 W / 17 N

All symmetry determinations looking

NW with 52 dipping

Elevation: 1147.0 metres

SW with dip azimuth _____.

Total Depth: 639.1 metres

Purpose: Test coincident EM, gravity, and mag anomalies

Logged by: LCP/GAJ Date(s) Logged: August 1984

Drilling Contractor: ARCTIC

Core:	Size	From	To
	NQ	12.8	639.1

Collar Cased and Capped: No

Started: May 25, 1981 Completed: June 9, 1981

Cyprus Anvil Mining Corp. Page 2 of _____

DDH EA81F01 (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	EA81F01	1147.0			METRES	S2	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R		0	180.0	0.0	AT COLLAR
R		252	179.6	162.0	
R		816	169.0	163.0	
R		1472	161.0	160.0	
R		2082	157.0	158.0	
R		2691	154.0	157.0	
R		3310	152.0	147.0	
R		3911	151.0	141.0	
R		4520	148.0	142.0	
R		5130	148.0	138.0	
R		5739	147.0	134.0	
R		6349	144.0	129.0	
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 EA81F01 (2 meters. 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Page 3 of _____

Date: Aug 2184 Logged By: LCP/GAJ

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	0	12.8		1	#	overburden & no recovery - few pebbles of QB at end.
SAG(19) L	12.8	48.9		2	SA161	borderline 9 minor
						dk grey to black PS$_2$ foliated mod hard (though locally mod soft)
						non calc carbonaceous phyllite. - appears to get softer gradually down hole
						Moderate to strong dob flash
						2-3% dissem py = streaks // S$_2$, thin qtz S= banding up to 1cm
						thick (slightly beaded when thin) on cutting fractures
						44.3 = 10cm zone with 2 3cm of SD4$ with SA
						between
						12.8 - 15.0 = v. broken to rubbly top of hole problems
						15.0 - 24.0 = v. broken, minor rubble zones recvy OK
						24.0 - 24.8 = .2m of chips fine rubble
						24.8 - 28.8 = v. broken to rubbly recvy ok
						28.8 32.3 = v. broken
						32.3 - 33.8 = rubble, v. broken
						33.8 - 40.5 = mod broken.
						40.5 - 40.9 = v. rubbly local incip gouge minor cracks b/a assoc
						with qtz calcite vein
						40.9 48.9 mod broken minor rubble
						no major faults in unit - overall recovery fairly good.
						4A type bands present but v. sparse and thin
L	48.9	49.5		3	SD161	(SAG) 70:30
						mod soft, greyish olive green, PS$_2$ foliated, non calc, nondolomitic,
						chlorite phyllite
						Contains minor qtz calcite veins
						Intercalated with mod soft dk grey to black non calc carbonaceous
						phyllite - contacts sharp // S$_1$
						Intact

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

DDH EA 81 F01 (2–8)

Cyprus Anvil Mining Corp.
Lithologic Log

Page 4 of _____

Date: Aug 84 Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
2	49.5	SP		4	SA69	minor
						mod soft, grading to hard at EOI, PS_2 foliated non calc, dk grey to black Phyllite with "moderate" d-b flash"
						Dominant sulphide is Py with qtz sulphide bands and as thin streaks/flecks // S_2 & in minor veining events
						Tot S = 1-3%
						Last 10cm gets generally lighter grey in transition to next unit.
						Last 20cm has po rather than just py in qtz S= bands and becomes po dominant downhole.
						As with unit #2 qtz/S= bands similar to YD but thinner and less of them
2	SP 8	SI 5		5	SD101	bio [SD0 bio (SA4 ± 3 bio)
						uppermost 30cm is mod hard, thinly banded to thickly laminated light green musc > chl non calc phyllite and medium brown locally calc mod soft biotite phyllite.
						Below That is homogenous PS_2 fol. mod soft dk green with dissem to patchy biotite calcareous chloritic phyllite.
						Lower interval is definitely SD metabasite upper interval is less certain heterogeneity suggests some is altered phyllite calc.+bio nature suggestive of metabasite
						Intact

C.A.M.C. 1981 – E – 3A

DDH EA81F01 (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	511 5	540		6	SAGG	minor (SDG) minor
						mod hard PS_2 Foliated dk grey to black generally noncalc Phyllite
						Contains minor 1cm bands to 3cm bands which are slightly to moderately calcareous.
						Contains minor 1-2cm thick noncalc mod greenish grey ps_2 Foliated homogenous chloritic phyllite
						Py + Po in carbonaceous rocks with occurrence as in units 2 etc.
						qtz $s^=$ bands to 1cm thick but mainly in mm range.
L	540	562		7	SCG	±B10
						mod green. strongly PS_2 Foliated to locally lithonod, calcareous chloritic phyllite S_2 Folia generally dk green, mod hard to mod soft,
						upper contact sharp $\perp S_2$
						1st ½m is mod lithonod and contains abundant brown biotite - below that is minor patchy B10
						in chl phyllite - minor dissem po.
						Lower contact sharp $\perp S_2$
						Contains typical slightly irregular coarse qtz calc veins of SCD metabasites. - fine grained strongly foliated. close to c/d trans.
L	562	581		8	SAGH	±B10 → (SAGG minor) 70:30.
						mod soft PS_2 Foliated, noncalc., light grey to dk grey phyllite
						Lower .5m has purplish brown hue due to dissem biotite
						S_2 Folia are generally grey to light silvery grey
						Original rock type preserved in 30cm at center of interval is dk grey, mod soft noncalc PS_2 Foliated carbonac phyllite with po ± py in qtz $s^=$ banding + minor thin SD bands + DK rocks have gradational contacts towards each end of unit towards the above

DDH E.A.81.F.01.
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Aug 84 Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 26	30 34	35
						rock. Transition seems to be dominantly due to bleaching but also biotite is present (oxidized? or yst insitu?) in the altered rocks
						Intact.
						Altered rocks have qtz 5° bands - and they contain both py + po when altered also.
L	581	686		9	SC3	± Bio minor
						med soft to med hard. PS_2 Foliated m. dk green. calcareous chloritic phyllite. Strongly foliated - has white striping due to thin lamine to thicker bands/veins of coarser calcite.
						minor dissem py + po.
						fine relict mottling between dark and med. dk green.
						Locally patchy brown biotite especially near margins.
						Intact
L	686	706		10	3G4	± BIO
						med hard, non calc light grey to off white - local pinkish brown tinge from biotite, PS_2 Foliated, Phyllite
						S_2 foliation light silvery grey
						minor dissem streaky, po. — Intact
						Altered phyllite between 2 metabasites - no remnant original rock type.
	701	716		11	SC3	± BIO
						Intact. — As #9
	716	716		12	3G4	± BIO
						AS #10 — minor calcite in qtz calcite veins — lower contact sharp + slightly discordant to S_2

Intact

DDH EA.81.F0.L (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	7,67	7,96		13	3G9	
						mod soft to mod hard non calc PS_2 foliated mdd k to dk grey, phyllite
						Thinly laminated in shades of grey // S_2
						Contains minor sulphide/qtz bands // S_2 - sulphides dominantly
						po. also po>py as flecks dissem along S_2 and elongate
						porphs along S_2
						Tot S° ~1%
						Intact
L	7,96	8,15		14	10,9,0	
						minor py+po - mod broken.
L	8,15	8,38		15	3G9	
						dk grey mod soft to mod hard non calc Phyllite similar to #13
						py dominant Sulphide - Intact except last 10cm = rubble.
						incip. gouge. Xcut by fractures at 30° to CA with qtz on
						margins calcite internally - iron oxide qtz crystals growing into
						fracture.
L	8,38	8,43		16	5C4S	±7
						greenish tan to tan beige mod soft to soft ps_2 foliated dolomitic
						carbonated metabasite - upper ½ still greenish grey (i.e. still
						with chl) Lower ½ totally beige - relict mottled texture from
						dolo porphs in matrix - Intact but both contacts incip gouge & rubble
L	8,43	8,76		17	3G9	(3B3 minor) minor
						mod soft to mod hard dk grey PS_2 foliated generally non calcareous Phyllite
						Very minor calcite locally as discontinuous streaks // S_2 typically associated
						with qtz and minor Sulphides (veins?) Sulphides po>py - also minor
						Sulphides in cross cutting fractures - Thin (mm to 4cm thick) tan homogenous ps_2 fol.

Calcareous 3B bands mainly between ~86.2 & 86.6

Lower contact of unit gradational into altn zone. on dark side of transition can start to see bio - core is mod broken locally very broken to rubbly.

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

DDH EA81F01 (2–8)

Cyprus Anvil Mining Corp.
Lithologic Log

Page 8 of _____

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	87 6	88 2		18	3G9H	BIO [4LOBIO]
						mod hard, PS_2 foliated, light greenish to brownish creme, non calc, musc qtz Phyllite
						S_2 Folia are light silvery white
						Minor qtz $S^=$ bands with py – minor streaky po.
						Intact
L	88 2	10 46		19	5C3	±BIO
						Strongly foliated med to med dk green homogeneous chl phyllite – fine grained on
						margins mottled in center no leopard rock texture – margins are biotitic,
						minor dissem po. In calcite + qtz + po veins is minor lemon yellow
						epidote
						Intact
L	10 46	10 55		20	5A61	9 minor
						dk grey to black hard to mod hard, PS_2 foliated, carbonaceous phyllite
						non calcareous "dolo flash"
						Contains thin mm size po>py qtz $S^=$ bands locally to 1cm
						thick and locally with v. minor cpy. Tot $S^= \approx 3\%$
						Intact – upper contact sharp
L	10 55 4	10 67		21	10 90	
						Intact lower contact rubble
L	10 67	10 83		22	5A61	9
						as #20 intact
L	10 83	11 10		23	5C3	±BIO
						like #19, intact
L	11 10	12 45		24	5A61	9 v. minor (50$ ± 4)
						non calc but has strong dolo flash PS_2 fol hard dk grey to black carbonaceous
						siliceous phyllite – minor qtz $S^=$ banding Py ≈ po mm sized – more commonly
						has thin streaks to laminae of sulphides // S_2 both py & po C.A.M.C. 1981 – E – 3A
						2–3% tot $S^=$ Thin bands of greenish beige dolomitic SD with sharp S_2 // contacts
						10 cm to 1cm thick (10cm at 113' & 2 smallones at 121.8 1cm/3cm)
						111.5–112.1 ov broken locally rubbly incip gouge at end, 112.1–122.4 = intact, 122.4 123.6 rubble incip gouge

DDH EA81F01 (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	124 S	130 2		25	SAG	→ SAG4[360](SDO ÷ ∑minor) 60:40
						mixed unit of
						(60%a) dk grey to black, PS_2 foliated, noncalc mod soft carbonac. phyllite
						Contains minor po. as streaks and in qtz S= bands.
						b) PS_2 foliated homogeneous med green mod soft calcareous chl phyllite – locally deformed – contacts with phyllite sharp // S_2 (locally // S_1)
						There are intervals where a) shows gradational "bleaching" to med grey to light grey. Interestingly some contacts between med grey and black are sharp // S_2 on one end and gradational on the other. 2 examples in ½ m of core show sharp contact at top & grade downwards. – Some "bleaching" is on the margins of metabasites and must be related – some may be original comp grading unrelated to metab.
						Tot S = trace – Intact
	130 2	133 3		26	SA6	
						mod soft noncalc dk grey to black PS_2 fol phyllite – like a) of unit # 25
						no metab interbands – lower contact is gradational hardness break, S = mainly Py minor py
L	133 6	134		27	SA61	
						similar to #26 but mod hard to hard – Intact, lower contact 10 cm of rubble incoh gouge and fault breccia bx

DDH EA81 F01 (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	1134	1136		28	SC4S	→ SC57 down hole
						Tan to med green non calc slightly dolo, med soft carbonated mafics. Poorly developed recessed rock texture - upper part very altered tan-beige pick up Chl ~134.8 m and below until last 5 m where chl is dominant. Intact
						Minor Fault at 135.6
L	1136	1138		29	SG48	[4L6]
						pale green non calc. PS_2 fol. homogenous Phyllite S_2 Foliation light silvery green. - locally disrupted S_2 cleavage
						Change from recessed rock texture to med green micaceous texture implies this is altered phyllite - Intact
						end of unit is Fault
L	1138	1140		30	SA6	BXA & GOUGE
						med soft, dk grey non calc. PS_2 foliated - Phyllite contains minor thin 50% S_2 bands up to 1cm thick -
						Unit is combination of intact Phyllite, kinkbanded and incipiently gouged phyllite and gouge with some Fault bxa with qtz clasts and Flaser foliations - cores crumble but incipiently gouge.
						Probably a significant Fault
						Axial planes of kinks at 45° to CA Flaser foliation is ~45° to CA. Lower contact is at 50°/000 and is a minor fault related to major fault.

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

DDH EA81F01 (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	140 7	165 9		31	3G0	(3B4$) tr
						med grey PS_2 fol noncalc med soft phyllite, S_2 foliation steely grey
						Typical 3G
						Top 4cm has 2 thin 3B$4 bands - brownish green-tan
						intact
L	165 9	169 7		32	SM61	(SD64 minor) 50:50
						dk grey to black med hard to hard PS_2 fol noncalc carb. silic.
						phyllite interbanded with med hard to soft, PS_2 fol
						greenish tan to tan noncalc non dolo altered metabasite.
						1cm to 1m thick with sharp contacts subparallel
						to S_2. Most metabasite below 167.2m especially thicker
						ones, S_2 folia in metabs. are tan-creme. They contain
						minor py in thin bands // foliation
						Carbonaceous phyllite has disseminated py in thin discontinuous
						streaks // foln ~1% tot $S^=$ No gtz $S^=$ banding
						Intact.
L	169 7	171 7		33	SA61	(SD64) 80:20 GOUGE & BXA
						same lithologies as #32 but as incip gouge, gouge & flt bxa.
						Kink bands with axial pl. at 20-35° to CA
						Upper contact is gtz vein ~50° to CA. Lower contact is gouge also
						~50° to CA.
						Looks like a significant fault.
	171 7	182 0		34	3G0	(3B24 ± $ minor) minor
						med soft to soft, PS_2 fol, noncalc PS_2 striped med grey to med dk grey Phyllite
						contains minor interbands of med soft creme to brownish tan PS_2 fol. noncalc locally
						slightly dolomitic altered fine grained metabasite

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

To I-172.5 = incip gouge with sheep fractures as above unit
172.5-174.8 = mod to strongly broken
174.8-175 = rubble & gouge

DDH EA81F01 (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
						175 – 178.3 = mod broken with minor gouge at 176.4
						178.3 – 180.4 = incip gouge ; rubbly due to tight folds with axpl at 50° to CA ; at 60° to CA
						180.4 – EOI = mod broken with small fracture controlled incip gouge zones
						15 cm of 3B at 175.5
						25 cm " " " EOI
L	1820	2518		35	3601	
						mod soft to mod hard, non calc med grey to dk med grey PS_2 Fol Phyllite. Overall homogeneous
						thin minor dk green med hard non calc metabasite bands 15cm at 212.4 m and 5cm at 241.2 m
						Minor thin pale green gtz vein bands especially below 242 m
						Core is intact below 168.1
						167.6 – 168.1 = fine rubble → incip gouge INT
						TOI – 165.1 mod broken with minor gouge along fractures at 30° to CA. – subsidiary to above faults.
						Contains minor dk grey bands a few to 30 cm thick
L	2518	2595		36	3601	±4 minor ± stringers minor
						mod soft to mod hard, PS_2 foliated to locally slightly lithoned generally med grey with local slightly lighter slightly greenish tinged grey intervals non calc Phyllite. Lighter sections have gradational contacts and S_2 folia are light steely grey and are associated with thin gtz chl stringers / bands // S_2 & forming D_2 Folds. Lighter bands <10% of Interval.
						at 237.1 there is 15cm of dk green PS_2 Fol non calc metabasite ? with minor patchily developed biotite
						Intact except for minor fault at 253.5 – 254.0 20° to CA which is rubbly & incipiently gouged.

C.A.M.C. 1981 – E – 3A

DDH EA81F01 (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	259	261.3		37	3C2	
						med green (dk green wet) PS_2 Fol. homogenous mod hard chl phy non calc strongly foliated, locally has mottled texture of white streaks in green matrix
						S_2 Folia v. dk green
L	261.3	263.3		38	3G4	
						non calc. mod soft greyish green locally brown tinged PS_2 foliated Phyllite. Overall color is green with patchily developed pinkish brown due to biotite
						S_2 folia light silvery green to creme locally with grey tinge. Appears to be altered phyllite adjacent to metab. chl > muse. More pervasive alteration than #36; without stringers and more likely related to metab. Intact
L	263.3	266.0		39	3G911	(3B24) 70:30
						dk grey PS_2 foliated, mod hard locally mod soft, non calc. carbonac phyllite.
						Thin interbands (1cm - 5cm thick to 1 band at EOI 50cm) of mod soft to soft greenish tan, homogenous, PS_2 foliated, non calc, non chloritic fine grained metabasite = 3B - contains thin qtz se bands // S_2.
						Carbonac Phy contain py flecks // S_2 minor thin (1mm) qtz s = bands with dissem Py ± po ± tr Sphal. - Tot S = <1%
						TOI — 264.1 = incip gouge along steep (30° to CA) kink fracture folds.
						264.1 - EOI = intact

On dry surface not as homogenously dark as SA especially the lower half. rather is more dk grey stripes between med grey.

DDH EA81F01 (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	2466	2466 7		40	3G48	
						pale green PS_2 fol noncalc Phyllite upper part mod soft and hardens progressively down till hard at End.
						S_2 Folia silvery pale green. chl > musc. (no grey on foln ∴ 3G48 not 3G8)
						Upper contact sharp against carbonac. phyllite 115'
						Lower contact sharp against metab.
						Unit = altered non calc phyllite near metab.
L	2667	2675		41	3C02	
						med to med dk green poorly foliated non calc metabasite. - central portion has relict ign texture in shades of green indicating original pyroxenes. medium grained and finer near margins where foliation also better developed.
						Intact.
L	2675	2699		42	3GH8	
						same as #40
						lower contact gradational starting at 268.? where start to get grey, by EOI are back into normal grey PS_2 foliated phyllite.
						Intact.
L	2699	2709		43	3G9	
						non calc, mod soft mod hard, PS_2 fol, med dk grey to dk grey phyllite. Lower contact gradational to lighter grey
						~~Intact~~. mod broken to
L	2709	2759		44	3G01	
						med grey PS_2 fol mod soft non calc Phyllite. Lower contact is slightly darker rather than slightly lighter against metabasite. core is Intact except for minor incip gouge related to minor steep kink fold/fractures

DDH EA81F01 (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	275	277		45	3C2	bio
						homogeneous to locally mottled PS_2 foliated med to med dk green with brnish tint Chl phyllite - Has discontinuous streaky brown biotitic zones 1mm - 3cm thick; 11 S_2
						Texture similar to 3C but where green brown banded calc silicates >> of CNR 76.01
						Intact
L	277	282		46	3G01	"calc silicaty" ± 9 minor
						med grey non calc med soft to med hard phyllite
						Some med dk grey sections - overall has slight greenish cast from moderate amounts of grease bands containing a green mineral. S_2 folia are a good grey color
						Intact.
L	282	288		47	3G9	
						med soft dk grey PS_2 foliated non calc phyllite
						Streaky po blebs, minor poppy assoc with qtz lenses along S_2 and Xcutting fractures. S_2 folia are v. dark grey
L	288	290		48	3G01	"calc. silicaty"
						med soft, non calc, phyllite, med grey, with grease bands which are light greenish grey. v. similar to unit #46 but doesn't have as many darker grey bands
						Moderately poker chippy to intact

DDH EA81F01 (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	2910	2990		49	3B0	bio (3C2) 50:50
						med soft PS_2 foliated noncalc. phyllite consisting of interlaminated grey phyllitic material, brownish biotite rich bands and med dk green chl dominant bands. Banding on 1–5 cm scale. Xcut by calcite filled fractures 11 to CA.
						Upper portion looks like phyllite with biotite overprint – Lower part looks more like banded margins of metabasite complexes such as the one at 275.8 m.
						Intact
L	2910	2911		50	3C2	± bio [3B2 ± bio]
						med hard to hard homogenous mid green with slight bluish tinge noncalc. chl phyllite – upper and lower margins have streaky bio development $11 S_2$. Fairly fine grained thus [3B]
						Intact
L	2911	2960		51	3G10	calc silicate ± bio ± I
						med grey, med soft to med hard. PS_2 Fol noncalc phy characterized by the fact that it has abundant gtzose bands (50% of unit) up to 10 cm thick that are distinctly green due to green mineral dissem in them and have minor brown due to minor bio. Generally $11 S_2$ and locally moderately lithoned – harder than more phyllitic bands. Contacts with grey phyllitic are gradational and sharp. These gtzose bands contain minor dissem po.
						Interval also contains strongly foliated milky white gtzcarb vein material with biotite that includes phyllitic material and may actually be a hard silicified silicified phyllite. C.A.M.C. 1981 – E – 3A. This is the ± I
						Intact.

DDH EA81F01 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Aug 84 Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	2960	3015		52	3601	"calc sil" bio
						Same as #39 but lacks strongly foliated qtz vein/silicified? intervals but still rich in green/brn qtzose bands. These bands are more like the granular siltstone bands of 3G than like 3D calcsilicates.
						Intact
L	3015	3036		53	3C2	bio (3G4 calcsilicaty bio) 60:40
						non calc mod soft PS$_2$ fol. Phyllite. color is green and brown streaked // S$_2$ locally with grey tinges. Green/brown streaking generally on scale of mm's to 10 cm
						from 302.3' down is mod green dominant with patchy bio streaking and has dk green S$_2$ surfaces with patchy bio. This
						Lower portion looks like metabasite. Upper portion of unit has
						grey tinge on foliation but also has biotite streaks and may
						be altered phyllite - Lumped together since hard to tell apart.
						3G4 since lighter colored than above unit.
						Intact
L	3036	3050		54	3G01	"calcsilicaty"
						Mod grey, PS$_2$ foliated mod soft non calc phyllite.
						Contains minor greenish qtzose bands with disseminated green mineral
						and po and possibly v. minor bio. Lower contact gradational.
						Intact.
L	3050	3062		55	3G04	"calc silicaty" bio
						Same as #54 but varies to more moderately hard and is lighter grey and
						has patchily developed biotite both in grey phyllitic and granular qtzose bands. Bio
						concentrated along exciting fractures locally but still following S$_2$. Lighter
						color, (and maybe slightly) related to next unit? I.E. altered phyllite
						Intact

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

DDH EA81F01
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	306	310		56	3C2	bio [3326io]
						mod hard strongly PS_2 foliated, bluish green metabasite.
						Upper meter contains streaky patchy brown biotite interbands
						on 1-3 cm scale // S_2 below that is more homogenous
						blue green with minor v.thin x mottled beaded $\perp S_2$ trose bands containing
						po.
						Fairly fine grained thus [3B]
						Intact.
						Top meter looks similer to "calcsilicates" of CNR-76-01
L	310	313		57	3G0	"calcsilicaty" bio (10q bio)(3C2) 90:10: minor
						major lithology is like #55 - phyllite with green trose bands
						with variably developed biotite - has minor interbands
						of homogenous blue green metabasite and a couple of
						intervals of foliated qtz vein(?) material (= 20cm at 311m and
						10cm at 312m and 20cm at 313.5)
						metabasite = 5cm at 312.8
						Note:
						Biotite development from 290.2 to 313.9 seems to be in some way
						related to the metabasites most probably as a minor compositional
						shift due to alteration around the metabasides followed by metam
						forming the biotite
L	313	332		58	3G0	"calcsilicaty"
						mod soft med grey non calc PS_2 foliated Phyllite - definite greenish cast
						to cut surface due to variable amounts of quartzose green mineral +
						minor disscm po becoming bands. These bands range from 10% to
						50% of interval locally. S_2 folia are good steel grey

DDH EA81F01 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Aug 84 Logged By: LCP/GJ

Code	From	To	Recov.	No.	Unit	Description
1	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
						At 325.0 have 1cm calc band containing blue grey calcite minor biotite ± possible garnet - similar to calc bands further down hole.
						At 328.5 is a thin slightly dolomitic dk green to dk brown locally tan well foliated probable metabasite. Another at 327.2
						Intact except incipient gouge at 330.3 - 330.7 related to fracture at 20° to CA.
L	3321	3338		59	3D	
						hard, olive green, PS_2 foliated fine grained quartzite contains 15% thin interbands of grey med soft phyllite generally less than 1cm thick - streaky bio developed as lamina in "qtzite". Some sections calcareous and contain dissem dk green hornblende? and pale pink garnet in .5% white qtz ± minor calcite matrix. In the field this would probably be called calc silicate since hard, locally calcareous and green but not exactly like the usual 3D calc silicate. Intact
						Differs from 3D at mine in having sharp planar banding and less bio but seems to be a calc sil - "calc silicaty"
L	3338	3503		60	3SP	
						med hard to med soft PS_2 foliated med grey phyllite - noncalc. Contains some intervals that are med dk grey for about 1m. Containing minor granular qtz rose bands with dissem green mineral and po., Intact
L	3503	3511		61	3D	
						similar to #59 bottom 20 cm contains bands well developed dissem hornblende and pink garnet in white qtz rich slightly calcareous matrix - similar to Lees thesis calcsilicates

It looks like a silicified slightly calc variant of 3G "calc-sil" seen up hole.

DDH EA 81 Fo 1 (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	351	378 0		62	3G0	calc sil (3D) 95:5
						mod hard to mod soft noncalc PS_2 foliated greenish mod grey phyllite.
						Contains minor biotite which locally shows as a brownish tinge. Not as strongly banded between green & grey as units up hole.
						Green caused by abundant gt rose bands with lesser grey phyllitic material causing the unit to be slightly harder than normal.
						S_2 Folia are silvery grey with locally brown biotite visible.
						At 365.3 there are 2 1-3cm bands of white gt hornblende garnet ± calcite calcsilicates similar to those noted above.
						Minor disseminated po in phyllite in the green bands.
						373.2 - 373.8 has same sort of calcsilicate banding but with definite disseminated biotite and blue green amphibole - It looks like banded blue green & brown calcsilicate with the white bands thrown in
						This unit is overall lighter colored and more homogeneous than overlying units
L	378 0	379 5		63	3D	(3609) 50:50 [3D]
						Interbanded 3G0 grey phyllite and 3D calc silicates as in unit #59. Good 10 cm bands of gt garnet hornblend ± calcite calc sil, and hard green fine grained calc silicate(?) bands. Unit has blue green and brown calc sil bands. These are interbanded with 50 % mod soft grey phyllitic bands.

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

DDH EA81F01 (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	13795	14239		64	3E01	"calcsilicaty" bio mod soft. med greenish grey to locally dark greenish grey noncalc PS_2 Foliated Phyllite. On close inspection can see dissem biotite and commonly get biotite rich streaks or layers causing a brownish cast. Overall quite homogenous and similar to #62 @ 390.4' is thin vein 1% $\frac{3}{4}$" cpy ± minor po S_2 Foliation medium grey Intact
L	14213	14288		65	3E08	Bio [3D or 3B ???] mod hard to mod soft, homogenous noncalc PS_2 Foliated pale green phyllite S_2 foliation shiny black medium green. Grain size is increasing so getting closer to schist than phyllite. Minor streaky biotite development. From 427.6–428.1 is the gneiss calcsilicate with hornblende ± minor garnet. with minor biotite and amphibole. here it is porous and veggy near a small fault. In phyllite seeing small rounded subhedral porphs of retrograded something - sparsely developed and mm sized. Different from above unit in that it is very homogenous and lacks typical grey phyllitic striping ⊥ to S_2 Not 3G8 because not lite green chl phyllites seen in holes between Vangorda and Grum Intact

C.A.M.C. 1981 – E – 3A

DDH EA81F01 (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	428 8	431 1		66	3G08	bio ±4 [3GO "calcsilicaty" bio ±4]
						greenish grey, mod soft noncalc phyllite
						Definite medium grey on S_2 folia locally to a light greenish grey
						Biotite visible locally on S_2 folia.
						Contains minor scattered euhedral dark rectangular or rhombohedral porphs.
						Has thin grey phyllitic bands or striping $\parallel S_2$
						Minor qtz hornblende garnet ± bio calc sil bands <1cm thick at. 430.2
						At Lower contact rocks get medium green and this unit Facies into next unit.
						Intact
L	431 1	440 2		67	3G02	
						Strongly foliated pale green metabasite. Mod soft
						Matrix is light olive green and contains highly flattened dk green streaks along S_2 — streaks too discontinuous (lenticular dispersed) to be the classic "subsurface" Leopard rock but good field Leopard rock
						Local minor relict igneous texture
L	440 2	447 7		68	3GP8	bio [3GO "calcsilicaty" bio]
						greyish green PS_2 foliated noncalc phyllite.
						S_2 folia are generally silvery greyish green.
						dissem bio along S_2 — some sections have enough bio to give core a brownish cast. Has very minor dark green rectangular porphs. Has good grey thin phyllitic striping $\parallel S_2$ "These rocks shouldn't be this green" but they are!

First major Swivel

DDH EA81F01 (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	4747	4894		69	36009	Calcsilicate bio → 1008 at end.
						Similer to last unit only slightly darker grey due to more pronounced phyllitic striping $11S_2$ - biotite more abundant in matrix - Porphs more abundant esp in lower part of unit
						S_2 Folia are light silvery greenish grey
						Thin garnet hornblend calc sil band at 479.1
						Thin possible metabasite / tuff(?) at 480.6, 10cm thick, blue green + homogenous = 3B
						Intact except at 486 is minor fault brx assoc with fractures at 20-45° to CA.
L	4894	4896		70	3B2	bio
						non calc medgreen homogenous chl phyllite with thin biotitic lamina $11S_2$
						Upper + lower contacts sharp $11S_2$ - phyllites adjacent to this unit are slightly more biotitic
L	4896	5076		71	1CD8	
						green PS_2 Foliated med soft non calc phyllite
						Contains minor brown bio in lamina $11S_2$ -
						S_2 Folia are silvery greyish green
						Well developed dk green porphs upper portion they are euhedral but going down they become larger and more irregular ameboid. - S_2 folia pass straight through or bend around a little at edges. Porphs contain biotite inclusions

DDH EA81F01 (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
						rock has the (stratabound pathfinder banding) striping and foliated graininess that is typical for a IC s-Gist but also has porphs and is very green (chl dominant) This is not normal! 1st meter of unit is identical to above #69 but rest is much less conspicuously grey striped $II S_2$
						Thin 15cm metabasite band at 494.5m
L	5076	5145		72	1C08	
						Green spotted phyllite - S_2 folia are light silvery green
						large irregular dark green porphs, locally leathery now chlorite - formerly ?
						Inclusion trails in porphs pass straight through and are
						rotated wrt S_2 in some cases
						Contains disseminated magnetite
						Contains well developed euhedral andalusite, white, up to
						1cm across.
						Contains mm or sub mm sized white rectangular andalusite(?)
						porphs as well - 2 sizes of porphs?
						No biotite left.
						Intact
L	5145	5163		73	1C08	(3C20) 70:30
						Same phyllite/retrogressed schist as #72 but has some disseminated
						Unit contains interbands of homogenous to striped medium
						non calc. metabasite up to 30 cm thick locally, with
						good layered rock texture.
						intact

DDH EA81F01 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Page 25 of _____

Date: Aug 84 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	514.3	540.3		74	1CD8	±0 → 1C8±0
						Dominantly green to mid green non calc musc soft schist. S_2 folia are green locally with slight grey tint - has schistose banded texture chl qtz Andul locally biotite in intervals. Dark chlorite retrograded porphs are present. Andul as fresh euhedral to subhedral white porphs. Minor specs thin bands (up to 3cm thick) contain irregular pink garnet - <1% of unit. Looks like Bio musc andul schist retrograded to chlorite dominant rock with local remnant biotite (<10% with bio). Some fresh andul starting to develop large clots in assoc with biotite as seen in deep holes in section 118 at 540. Is this due to amalgamation of smaller andul porphs? Locally 15-20% andul. 528.2 - 528.7 = interp gouge due to fractures at 20° to CA otherwise intact.
	540.3	544.6		75	1C40	±8 → 1C0±8
						biotite musc andul chl schist. Characterized by presence of bio + white andul forming clots and bio in matrix. Clots of andul + bio are irregular - no longer see euhedral andul. Still some dark irregular porphs/ clots/ splotches. Andul still comprises 15-20% of rock. "Pegmatitic" qtz vein has coarse pink garnet. This interval less retrograded than #74. Good banded/laminated schistose texture intact.

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

DDH EA81F01 (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	5446	5599		76	ICD80	0 → IC80
						Similar schist to #75 Bio mainly in clots assoc with andal - very little preserved in matrix its mainly chl
						Dk green clots still present and are very irregular in outline and elongate along S_2
						Fresh bio andal clots expanded to form bands crossing core // S_2
						Intact
						minor staurolite as small lt brown prisms starting to appear
L	5599	5660		77	ICD08	large and abundant
						Schist distinguished from last by presence of dk green chloritic irregular splotches elongate in S_2 (1-2 x 3 cm in max dimension mostly 1-2 cm across) locally feathery
						Also contains fresh bio+andal clots which locally overgrowing dark clots.
						Staurolite readily visible as small prisms in matrix in bio and. clots and at least on edges but perhaps not inside the dk green clots.
						Abundant chlorite and lesser bio in matrix causing S_2 folia to be dk silvery green
						5-10% dk green clots 10-15% bio andal clots

DDH EA81 F01 (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	5166	5170		78	101F0	
						Pale tan weath fine grained (aphanitic matrix) generally unfoliated intrusive with small phenocrysts of qtz and white feldspar. No appreciable mafics seen. Irregular inclusions of greenish brown weath similar intrusive with qtz + bio phenos and fine needles (bio amphibole?) in aphanitic matrix.
						Upper contact at 45° to core axis and is parallel by flow banding for ~ 15-20 cm into intrusive
						Lower contact similar. — both contacts have gouge in both rocks — otherwise intact
L	5170	5182		79	1F0	± 8
						Biotite muscovite Stau chl schist, Staurolite readily visible — Large dk green clots locally feathery becoming pale green than further up hole — Irregular bio andal clots — andal overall forms finer grained aggregates than above but still abundant
						Mn-garnet bearing bands — Dk green clots displaced on x cutting fol. Cleavage
						overall color is greenish brown due to preservation of more bio in matrix.
						30 cm of gouge and irr. p gouge at top related to fracts at 45° to CA (locally 45/320) Otherwise intact

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

DDH EA81F01

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

80
5826

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	5826	6147		80	ICD	±8 → IC±8 downhole. (3D _) 95:05
						similar to last schist - chl less than bio overall - characterized by the presence of lamine to bands 1-15 cm thick of fine grained green calc silicate(?) assemblage containing irregular pink garnet disseminated in green hornblende(?) bearing matrix - these bands non calcareous (to very slightly calcareous) contain 5-20 % garnet. They have sharp S_2 // contacts. Overall these bands only 5% of interval. - compare to #62 & #63 which are similar
						Dark green clots become much less abundant going down hole in this unit
						Locally develops salt & pepper texture due to development of larger matrix biotite in a more muscovitic "matrix"
						Scattered coarse andul qtz feldspar veins 3-50 cm thick, sub // S_2.
						Core intact except 584.1 has 20 cm gouge // S_2 at top & bottom contact on fracture at ~15°/000 = minor fault.
						594.5 - 596.4, is slightly bleached possibly due to alt'n along rusty orange stained fractures
L	6147	6391		81	ICD	(ICDD) 80:20
						Biotite Musc andul stauro-like minor chl minor garnet qtz schist, well banded schistose texture only minor coarse dark green relict porphyroclasts - Irregular bio andul clots not readily seen. Garnet pale pink.

DDH EA81F01

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
						Roughly 5% 11 coarse qtz carbnt veins. - Intervals for about 3m locally contain abundant dark green relict px-phs but generally not very common. Intact.
						EOH = 639.1

DDH EA81F01 Cyprus Anvil Mining Corp. Page 30 of _____

2 meters 8

Structural Log Date: _____ Logged By: 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		130	PSZ				18	
S		149	PSZ				40	
S		165	PSZ				43	
S		19	PSZ				47	
S		2153	PSZ				57	
S		305	PSZ				50	
S		340	PSZ				56	
S		396	PSZ				55	
S		437	PSZ				56	
S		465	PSZ				47	
S		522	PSZ				58	
S		580	PSZ				56	
S		637	PSZ				59	
S		710	PSZ				67	
S		777	PSZ				56	
S		783	PSZ				61	
S		823	PSZ				64	
S		860	PSZ				60	
S		927	PSZ				63	
S		988	PSZ				65	
S		1052	PSZ				68	
S		1114	PSZ				66	fracture cleav. 43/000
S		1133	PSZ				66	
S		1200	PSZ				63	kink fold ax pl 37/000
S		1262	PSZ				72	
S		1323	PSZ				68	
S		1370	PSZ				63	
S		1417	PSZ				65	
S		1449	PSZ				75	fracture clev. 53/000
S		1460	PSZ				77	CS_N = 36/270
S		1538	PSZ				79	
S		1575	PSZ				61	CS_N = 28/000
S		1664	PSZ				70	
S		1694	PSZ				86	
S		1750	PSZ				54	
S		1768	PSZ				42	fine crenulations on S_2 at 40° from lower point

DDH EA81F01 (2 — 8) **Cyprus Anvil Mining Corp.** Page 31 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		1,178.0	P,S,2				55	CS_N = 28/330
S		1,183.2	P,S,2				68	
S		1,184.4	P,S,2				83	
S		1,195.1	P,S,2				85	
S		1,201.0	P,S,2				81	CS_N 34/000
S		2,066	P,S,2				84	
S		2,122	P,S,2				85	
S		2,168	P,S,2				78	
S		2,247	P,S,2				87	
S		2,292	P,S,2				80	
S		2,353	P,S,2				79	
S		2,398	P,S,2				77	
S		2,459	P,S,2				75	CS_N 55/000
S		2,510	D,S,2				87	CS_N = 60/000
S		2,570	P,S,2				90	CS_N = 71 to CA
S		2,630	P,S,2				85	
S		2,718	P,S,2				90	Kink fold / asse fract 30° to CA
S		2,760	P,S,2				78	
S		2,815	P,S,2				79	
S		2,863	P,S,2				72	CS_N = 35/040
S		2,920	P,S,2				74	$L_2 \simeq 90°$ to low point
S		2,975	P,S,2	D			70	
S		3,053	P,S,2				77	
S		3,105	P,S,2				68	
S		3,150	P,S,2				83	
S		3,209	P,S,2				78	CS_N = 56/050
S		3,252	P,S,2				78	
S		3,333	P,S,2				77	
S		3,358	P,S,2				80	CS_N = 53/050
S		3,412	P,S,2				83	
S		3,458	P,S,2				75	CS_N = 52/020
S		3,581	P,S,2				82	
S		3,612	P,S,2				85	
S		3,676	P,S,2				84	
S		3,727	P,S,2				83	
S		3,773	P,S,2				73	CS_N = 58/000

DDH E.A.8.1.F.0.1 (2 — 8) Cyprus Anvil Mining Corp. Page 32 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		1,318 H 6	P,S,2				85	CS_N = 50/000
S		1,392 2	P,S,2				83	
S		1396 6	P,S,2				78	CS_N = 67/330
S		1,410 H 4	P,S,2				88	
S		1,409 0	P,S,2				83	
S		1,413 6	P,S,2				88	
S		1,421 0	P,S,2				86	
S		1,424 4	P,S,2				83	
S		1,432 0	P,S,2				83	
S		1,436 5	P,S,2				83	
S		1,4H0	P,S,2				84	
S		1,4H9 8	P,S,2				80	CS_N = <0/000
S		1,454 2	P,S,2				88	CS_N = 63/??? & 51/???
S		1,462 6	P,S,2				86	CS_N = 71/180
S		1,465 4	P,S,2				86	Fract clev. 50/000
S		1,471 5	P,S,2				90	
S		1,475 8	P,S,2				83	CS_N = 70/000
S		1,483 7	P,S,2				75	
S		1,489 0	P,S,2				90	Fract clev 51/???
S		1,496 0	P,S,2				90	
S		1,502 0	P,S,2				87	
S		1,505 0	P,S,2				88	
S		1,519 9	P,S,2				85	CS_N = 55/000
S		1,521 0	P,S,2				83	CS_N = 72/180
S		1,523 4	P,S,2				90	CS_N = 71/???
S		1,530 9	P,S,2				83	CS_N = 74/000
S		1,535 0	P,S,2				76	CS_N = 33/000
S		1,541 8	P,S,2				81	CS_N = 42/030
S		1,546 2	P,S,2				68	
S		1,553 7	P,S,2				83	
S		1,556 8	P,S,2				85	CS_N = 42/075
S		1,566 0	P,S,2				82	CS_N = 54/000
S		1,712 3	P,S,2				81	CS_N = 35/000
S		1,718 2	P,S,2				78	CS_N = 48/000
S		1,581 2	P,S,2				82	CS_N = 48/000
S		1,587 0	P,S,2				79	CS_N = 46/315

DDH E.A81.F01 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page 33 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	
S		593.6	PS2				86	CS_N = 62/015
S		599.5	PS2				85	
S		610.6	PS2				87	CS_N = 56/000 ?
S		611.7	PS2				90	CS_N = 56/???
S		618.0	PS2				87	
S		623.9	PS2				85	CS_N = 55/???
S		628.5	PS2				90	
S		636.0	PS2				88	CS_N = 50/???
S		639.0	PS2				87	

C.A.M.C. 1981 – E – 4

CYPRUS ANVIL MINING CORPORATION

Page 1 of 12

DIAMOND DRILL CORE LOG

Date: 10/6/81

Hole Number: EA81-F-01

Project: FARO

Location: SKI HILL

Claim: CAL 12

Terr.Plane Co-ords.: N

E

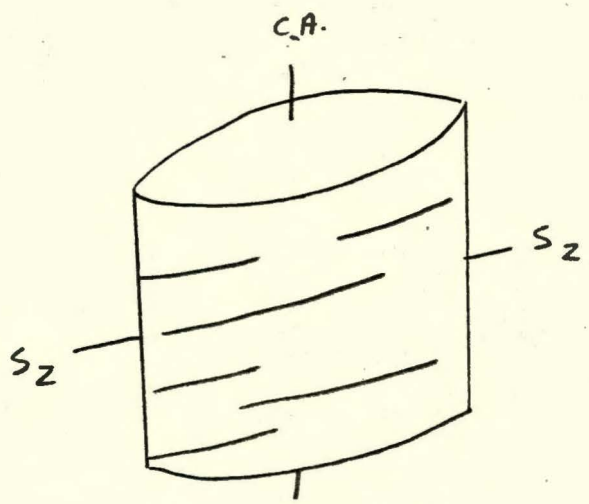
Grid Co-ords: L 28 W

17 N

Elevation:

Total Depth: 639.1

Reference Fabric Orientation Diagram:



All symmetry determinations looking

NVV with S_2 dipping

SVV with dip azimuth 148°.

Purpose: COINCIDENT EM, GRAVITY, AND MAG ANOMOLIES

Reason hole Terminated: Mt. Mye Formation.

Logged by: BYH

Date(s) Logged: 28/5/81 to 10/6/81

Drilling Contractor: ARCTIC

Size	CORE From	To
NQ	12.8	631.1

Collar Cased and Capped: ____

Hole Cemented: NO

Steel down hole: NO

Started: 25/5/81 Completed: 9/6/81

Cyprus Anvil Mining Corp. Page 2 of 12

DDH EA.81.F.01 (2 / 8)

Diamond Drill Core Log Date: 7/6/81 Logged By: BYH

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	EA81F01	1111111111	2121212121212	3131313131313	metrics	S12	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	EA81F011	1010 0	1801.0	01.0	AT COLLAR
R	EA81F011	1215 2	1791.0	1621.0	
R	EA81F011	1816 2	1691.0	1631.0	
R	EA81F011	1447 2	1611.0	1619.0	
R	EA81F011	2018 2	1571.0	1581.0	
R	EA81F011	2619 1	1541.0	1571.0	
R	EA81F011	3310 1	1521.0	471.0	
R	EA81F011	3911 1	1511.0	441.0	
R	EA81F011	4512 0	1481.0	1421.0	
R	EA81F011	5113 0	1481.0	1381.0	
R	EA81F011	5713 9	1471.0	1341.0	
R	EA81F011	6314 9	1441.0	1291.0	

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

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

DDH E.A.0.1 , F.0.1 (2 , 8) Cyprus Anvil Mining Corp. Page 3 of 12

Lithologic Log Date: 28/5/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	100	1128		1	*	O/B no core, SA found in cuttings.
L	1128	1213		2	SAO	minor siliceous bands with trace amounts of py.
L	1213	1286		3	SAO	zone of broken core and gouge
L	1286	1323		4	SAO	fine laminations of qtz + py, not enough
L	1323	1337		5	SAO	zone of broken core.
L	1337	1489		6	SAO	same as #4 [Fold Repeat]
L	1489	1494		7	SD3	contact conformable
L	1494	1508		8	SAO	same as #4
L	1508	1516		9	SD3	well laminated, minor bt bands.
L	1516	1542		10	SB23	resembles #4, less carbonaceous and calcareous, minor py laminations
L	1542	1559		11	SC3	resembles SD3 slightly magnetic, gradates into material that more closely resembles SC3.
L	1559	1565		12	SD3	bt in laminations.
L	1565	1567		13	SB23	
L	1567	1581		14	SD3	same as #12
L	1581	1686		15	SC3	
L	1686	1687		16	HL17	banded po in a siliceous matrix, possible qtz vein.
L	1687	1701		17	SDO	pale green in colour, minor bt, non calcareous
L	1701	1710		18	SC3	same as #15, less calcareous towards F/W
L	1710	1794		19	SAO	not as carbonaceous as #4, lighter in colour, sulphides less also
L	1794	1813		20	QQO	bull quartz vein.
L	1813	1838		21	SAO	same as #19
L	1838	1843		22	SD4	altered to a pale green rocks, alteration perhaps due to solutions flowing along the fault.

C.A.M.C. 1981 – E-3

DDH EA81F01 (2 … 8) Cyprus Anvil Mining Corp. Page 4 of 12

Lithologic Log Date: 29/5/81 Logged By: BYH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1814 3	1815 7		213	15A101	same as #19
L	1815 7	1815 8		214	15A101	gouge zone
L	1815 8	1817 7		215	15A171	minor chloritic bands 2 cm wide, minor amounts of bt present in bands.
L	1817 7	1818 6		216	15DH1	becoming darker green towards footwall, at footwall a biotitic band in is present.
L	1818 6	1101 4 6		217	15C131	disseminated magnetite grains, minor clots of epidote, minor laminations of bt at the footwall
L	1101 4 5	1101 5 4		218	15A1119	minor laminations of qtz and py.
L	1101 5 4	1101 7 0		219	10Q101	
L	1101 7 0	1101 8 3		310	15A1119	
L	1101 8 3	1111 0 9		311	15C131	slighter paler in colour than #27
L	1111 0 9	1111 1 9		312	15A101	same as #19
L	1111 1 9	1111 2 1		313	15A101	gouge zone
L	1111 2 1	1111 4 7		314	15A101	
L	1111 4 7	1111 4 8		315	15A101	gouge zone.
L	1111 4 8	1121 4 4		316	15A101	
L	1121 4 4	1121 4 9		317	15C131	
L	1121 4 9	1121 7 1		318	15A101	minor bands of SD3
L	1121 7 1	1121 7 7		319	15D131	resembles SD3.
L	1121 7 7	1121 9 7		410	15B1216	
L	1121 9 7	1131 0 2		411	15D131	bt bands at hanging wall and footwall
L	1131 0 2	1131 4 3		412	15A01	minor laminations of py and qtz gouge zone at footwall
L	1131 4 3	1131 7 8		413	15DH1	altered to a pale green colour, footwall alternating bands of SD0 & SD4
L	1131 7 8	1131 9 2		414	15A101	gouge zone, abundant Fs folding
L	1131 9 2	1141 0 6		415	15A101	minor Fs folds
L	1141 0 6	1161 5 9		416	13G01	minor bands of 384 ~ 2cm wide, minor qtz veins

DDH EA81-P01 (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 3/6/81 Logged By: BYH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1161 5 9	1161 7 4		147	3E01	minor bands of 5D4
L	1161 7 4	1161 8 3		148	3B14	pale green in colour.
L	1161 8 3	1161 8 9		149	3E01	
L	1161 8 9	1161 9 7		510	3B14	contacts very sharp.
L	1161 9 7	1171 1 6		511	3E01	gouge zone, qtz veins brecciated,
						therefore fault must be post
						qtz veining, consequently Post
						D2
L	1171 1 6	1171 1 7		512	3B14	possible fault at footwall contact
L	1171 1 7	1171 8 3		513	3G01	minor Fs folds at hanging
						wall.
L	1171 8 3	1181 0 4		514	3G01	minor gouge zones,
						Fs folds
L	1181 0 4	1181 1 8		515	3G01	
L	1181 1 8	1181 2 0		516	3B19	contacts very sharp.
L	1181 2 0	1181 5 6		517	3G01	
L	1181 5 6	1181 6 0		518	3E01	gouge zone
L	1181 6 0	1251 3 6		519	3G01	
L	1251 3 6	1251 4 1		610	3G01	gouge zone
L	1251 4 1	1251 9 5		611	3G01	
L	1251 9 5	1261 1 2		612	3C01	possibly 3B0, some fine
						laminations, generally a
						massive texture
L	1261 1 2	1261 2 4		613	3B01	grading into 3B4, fine
						laminations, grading into 3G0
						at footwall
L	1261 2 4	1261 3 6		614	3G09	
L	1261 3 6	1261 3 7		615	3E09	gouge zone
L	1261 3 7	1261 5 1		616	3G09	Fs fold common at hanging
						wall.
L	1261 5 1	1261 9 2		617	3C09	possibility of 3B0 instead
						of 3C0, unit has a massive
						appearance with the contacts
						being abrupt.
L	1261 9 2	1271 5 4		618	3G01	
L	1271 5 4	1271 7 3		619	3C01	minor biotitic bands

DDH EA81F01 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 4/6/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	127173	128129		710	3G01	
L	128129	128176		711	3G91	matrix darker, carbonaceous content higher.
L	128176	128177		712	3G91	gouge zone
L	128177	129103		713	3G01	
L	129103	129112		714	3B01	minor biotitic bands
L	129112	131057		715	3G01	minor qtz veins with chl envelopes
L	131057	131130		716	3B01	same as # 74
L	131130	133104		717	3C01	
L	133104	133107		718	3G01	gouge zone
L	133107	143191		719	3G01	monotonous sequence, lithon structures becoming rarer towards footwall, also unit becomes greener in colour, possibly due to a decrease in graphite content. minor qtz veins.
L	143191	144101		80	3C19	pale green, mottled texture, possibly vesicles, minor flattened chloritic patches, possibly amygdules.
L	144101	144139		81	3G91	slightly carbonaceous. [3G0]
L	144139	148183		82	3G01	pale green in colour.
L	148183	149166		83	3G01	minor scattered small porphyroblasts of chloritised andalusite (< 2 mm wide) flattened in the plane of foliation
L	149106	151152		814	3G81	andalusite porphyroblasts increasing in abundance and size (up to 5 mm wide) still elongated in the plane of the foliation, matrix chloritic possibly due the growth of the porphyroblasts.
L	151152	151167		815	1D18	bt flakes orientated in the foliation

DDH EA81E01 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 7/6/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						unit does not appear to be carbonaceous, more chloritic, disseminated garnets present (5%) andalusite porphyroblasts becoming less abundant towards the footwall. (~5%)
L	151167	152151		86	1 1 D 18	
L	152151	152152		87	1 1 D 18	gouge zone
L	152152	152165		88	1 1 D 8	same as #86 except the andalusite porphyroblasts are less abundant.
L	152165	154223		89	1 1 D 8	garnets ~ 30%, andalusite porphyroblasts ~ 2% garnets becoming less abundant towards the footwall.
L	154223	154466		90	1 1 C 7	small disseminated grains of staurolite.
L	154466	156165		91	1 1 D 8	andalusite porphyroblasts ~ 3% matrix chloritic, minor bt bands, similar to #89
L	156165	157109		92	1 0 D 9	qtz eyes in an altered matrix (kaolinite), some xenoliths present which have altered rims, contact of Dyke ~ 30°
L	157109	157117		93	1 1 D 8 14	similar to #91 except it has been altered to kaolinite, minor gouge present also.
L	157117	157147		94	1 1 D 8	minor bt bands
L	157147	157251		95	1 1 C 7	more biotitic than #94, garnet band present in the more biotitic portions, minor disseminated staurolite
L	157251	158112		96	1 1 D 8	similar to #94, andalusite porphyroblasts tend to be larger, ~5-10 mm long, garnet + porphyroblasts tend to be concentrated in bands.

DDH EA81F01 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 7/6/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1581 2	1609 7		97	11C7	gradational with #98, bt content increased. qtz veins present with large pink andalusite., minor andalusite porphyroblasts. staurolite content increasing towards the footwall, present as disseminated grains within bands, garnets also disseminated but concentrated in thin bands, minor zones of a greener rocks, resembles calc-silicate phases (diopside) non-calcareous, definate banding in the form of staurolite-garnet bands, the greener bands are devoid of garnet-staurolite-biotite.
L	1609 7	1611 7		98	11087	andalusite porphyroblasts present, ~ 5 mm wide, flattened disseminated staurolite grains,
L	1611 7	1613 9		99	11C7	similar to #97, some large quartz-andalusite veins, with some talc veins accompanying this, and in part pseudomorphing this rock, brecciated qtz veins post D_2, clasts foliated, present towards footwall, minor chloritized andalusite porphyroblasts raggy outline
						END OF HOLE

DDH EA.81.F0.18 Cyprus Anvil Mining Corp. Page 9 of 12

Structural Log Date: 29/5/81 Logged By: BVH

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	
	111	11128					1 1	O/B no core.
S	111	11128	C1512		1 1	110 11810	215 11488	
S	111	11179	C1512		1 1	1 1	412 1 1	
S	111	11914	C1512	Z	1 1	410 1010	514 1 1	
S	111	12174	C1512	S	1 1	1 1	410 1 1	
S	111	12187	C1512	R	1 1	1 1	512 1 1	fault zone.
S	111	12198	C1512	S	1 1	612 11810	510 1 1	
S	111	13160	C1512		1 1	1 1	514 1 1	
S	111	13178	C1512	M	1 1	415 1010	514 1 1	
S	111	14133	C1512	S	1 1	1 1	417 1 1	Fold Repeat
S	111	14888	P1512		1 1	1 1	512 1 1	
S	111	15142	P1512	P	1 1	40 1010	510 1 1	
S	111	16113	C1512		1 1	1 1	610 1 1	
S	111	16130	C1512	S	1 1	315 1010	612 1 1	
S	111	17110	P1512	P	1 1	1 1	610 1 1	
S	111	17162	C1512		1 1	210 1010	410 1 1	
S	111	18116	C1512		1 1	1 1	618 1 1	
S	111	18176	C1512	M	1 1	1 1	612 1 1	
S	111	19127	P1512		1 1	1 1	614 1 1	
S	111	19188	P1512		1 1	1 1	618 1 1	
S	111	11015 1	P1512		1 1	1 1	612 1 1	
S	111	11111 5	P1512		1 1	1 1	617 1 1	
S	111	11117 0	P1512		1 1	1 1	614 1 1	
S	111	11213 0	P1512		1 1	1 1	612 1 1	
S	111	11219 2	P1512		1 1	1 1	611 1 1	
S	111	11312 3	P1512	R	1 1	1 1	618 1 1	
S	111	11316 2	C1512	M	1 1	1 1	615 1 1	
S	111	11415 6	C1512	Z	1 1	010 21710	710 1 1	F2 fold 190/45
S	111	11511 0	P1512		1 1	1 1	717 1 1	
S	111	11517 0	P1512		1 1	1 1	718 1 1	
S	111	11613 3	P1512	P	1 1	1 1	519 1 1	
S	111	11617 4	C1512	Z	1 1	1 1	615 1 1	
S	111	11619 5	C1512	S	1 1	612 1010	710 1 1	
S	111	11749	P1512		1 1	1 1	513 1 1	
S	111	11811 9	P1512		1 1	1 1	616 1 1	
S	111	11816 2	P1512		1 1	1 1	712 1 1	F3 fold 190/49

DDH EA01F01 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: 3/6/81 Logged By: BVH

Code	From	To	Feature	Esys	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		11912 0	P1S12				618	
S		11918 3	P1S12				716	
S		12014 4	P1S12				715	
S		12110 0	C1S12	P		518 1010	710	
S		12113 7	C1S12	Z		818 11810	718	
S		12119 9	C1S12			010 11810	718	
S		12123 4	C1S12	S			817	
S		12310 7	C1S12	P		810 11810	810	
S		12313 7	C1S12	Z		810 11810	718	
S		12410 8	C1S12	S			710	
S		12417 4	P1S12	P			617	
S		12418 2	C1S12	S			810	
S		12512 2	P1S12	P			810	
S		12518 2	C1S12	Z			715	
S		12611 2	P1S12	R			815	
S		12613 6	P1S12	P			715	
S		12619 2	P1S12	R			810	
S		12715 8	P1S12				817	
S		12719 9	P1S12	P			713	
S		12811 5	C1S12	S		610 1010	618	
S		12813 7	P1S12	P			712	
S		12818 0	C1S12	S		615 1010	715	
S		12911 4	P1S12	P			715	
S		12914 7	C1S12	Z		710 11810	716	Z Sym
S		12918 7	C1S12	M			512	
S		13014 1	C1S12	S			813	
S		13110 0	C1S12				712	
S		13116 0	C1S12				810	F_2 folds 210/32 abundant over this region
S		13119 2	C1S12	M			719	
S		13213 2	C1S12	D			715	
S		13219 0	P1S12	P			710	
S		13313 3	C1S12	Z			717	
S		13318 0	P1S12	P			810	
S		13407	C1S12	M		617 1010	810	
S		13417 3	P1S12				714	

DDH EA81F01 (2–8) **Cyprus Anvil Mining Corp.** Page 11 of 12

Structural Log Date: 5/6/81 Logged By: RVH

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		13159	C1512	Z		010 1010	815	
S		13168	P1512	P			810	
S		13611	C1512	Z			813	
S		13619	C512	S			810	
S		13712	C1512	Z		910 1010	810	
S		13810	C1512	S		010 1010	715	
S		13813	C1512	Z			812	
S		13815	C512	S			710	
S		13818	C1512	Z			812	
S		13911	P1512	P			715	
S		13918	C1512	Z			810	
S		14010	C1512	S		715 1010	718	
S		14017	P1512				812	
S		14113	P1512				815	
S		14119	P1512	P			810	
S		14213	C1512	Z		910 1010	810	
S		14214	P1512	P			810	
S		14216	C1512	S			810	
S		14310	P1512	P			712	
S		14314	P1512				812	
S		14410	P1512	R		715 11810	710	
S		14412	P1512	Z			815	
S		14417	P1512	P			812	Fs fold 140/11
S		14510	P512	Z		810 11810	615	
S		14511	P1512	S			715	
S		14516	C1512				815	
S		14596	C1512			818 11810	715	
S		14617	C1512	Z			810	
S		14715	P1512				817	
S		14810	P1512				810	
S		14867	P1512				813	Fs fold 90/5
S		14912	P1512				810	
S		14918	P1512				810	
S		15015	P1512				816	
S		15111	P1512				811	
S		15117	P1512				718	

DDH EA81F01 (2 / 8) Cyprus Anvil Mining Corp. Page 12 of 12

Structural Log Date: 7/6/81 Logged By: BVH

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		151213 3	PS12				815	
S		151219 4	PS12				716	
S		151315 5	PS12				710	
S		151411 6	PS12				813	
S		151417 7	PS12				617	
S		151513 8	PS12				815	
S		151519 9	PS12				710	
S		151616 0	PS12				718	
S		151721 1	PS12				810	
S		151822	PS12				715	
S		151843	PS12				818	
S		151910 4	PS12				615	
S		151916 5	PS12				813	
S		161026	PS12				815	
S		161018 7	PS12				812	
S		161144 8	PS12				810	
S		161209	PS12				817	
S		161217 0	PS12				811	
S		161311 5	PS13				716	
S		161316 1	PS12				810	
S		161391	PS12				810	END OF HOLE.

DDH 89-F-01
2 8
metres

CURRAGH RESOURCES INC.
Lithologic Log

Date: SEPT 2/89 Logged By: LCD

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	10 0	113 7		1	#1	TRICONED - NO RECOVERY
L	113 7	213 9		2	#1	Overburden - TILL Boulders of 5C, 10AB, 1CD. Some boulders up to 2.2 m thick. Below 17.4m consists exclusively of 1CD boulders & gravel w/ soil matrix. Probably this interval close to residual as get closer to "bedrock."
L	213 9	413 4		3	1C1D1614	WEATHERED Moderately soft, noncalcareous, pale creamy schist. Contains dark green chlorite clots and bands up to 1cm thick. - presumably former andalusite-biotite aggregates. Entire interval weathered w/ anastomosing orange brown laminae along S2 folia. Weathering gradually decreases as go down DDH. PS2-foliated. Interval moderately broken. Incipient gouges @ 27.3m, 29.1m, 29.6m, 32.6m, 33.2m, 36.4m, 38.5m. At most these are 10cm thick.
	413 4	617 2		4	1C1D1614	Noncalcareous, moderately soft, pale grey & dark brown striped muscovite-quartz-biotite-andalusite schist. PS2-foliated. Biotite-andalusite occur as irregular bands and clots/aggregates elongate parallel S2 in an cream muscovite-quartz schistose matrix. Current laminae parallel S2 have weathered to a pale orange-brown. Contains minor pegmatitic qtz veins parallel S2. Biotite-andalusite aggregates are up to 3cm thick. Core intact to only slightly broken.

DDH 79-F-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 2/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1617 2	1618 9		15	1F81	Bio
						Moderately hard, very slightly calcareous, PS2 foliated, dark green chloritic schist. Contains bands & streaks of quartz, apple green epidote, and biotite parallel S2. Biotite also forms isolated porphyroblasts. Marginal contacts parallel S2. Slightly more finely xlline than surrounding schists.
	L					Core intact w/ incipient gouge for 10cm @ EOI
		1218 4		16	1C1D	8.64
						Moderately soft. PS2 foliated, noncalcareous, muscovite-quartz-biotite-andalusite schist. Biotite-andalusite forms clots and bands elongate parallel PS2. These are up to 2cm thick. Interval TOI-112.7 slightly altered so dark brown biotite-andalusite aggregates occur within a pale creamy muscovite-quartz matrix. Below this interval matrix more uniformly contains biotite & is pale brown. Minor pegmatitic white buff qtz veins parallel S2. Core intact w/ only minor incipient gouges @ 74.2m, 87.2m, 98.3m, 102.7m, 106.2m,
		1310 7		17	10E1	
						Fine-grained, dark brnish grey intrusive w/ abundant subequant pale grey feldspar phenocrysts. Lesser amount of larger biotite and hornblende phenocrysts. Massive, unfoliated. Upper contact sharp - 210/55 relative to RFE = S2. Lower 0.6m "bleached" & altered. Lower contact lost in pegmatitic white buff qtz rubble. Possibly core slightly jumbled TOI - 129.7 core intact, 129.7 - EOI core mod. broken. In altered potion matrix is pale brown, biotite "washed" to orange-brown

DDH 79-F-01 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 2/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	113107	115191		18	1C1D1	± 64
						Similar to schists further up DDH. Noncalcareous, moderately soft, PS2-foliated muscovite-biotite-quartz-andalusite schist. Biotite-andalusite aggregates and bands up to 2cm thick parallel S2. Some qtz-ss bands up to 2cm thick. Locally slightly altered w/ pale cream muscovite-qtz matrix enclosing more isolated biotite-andalusite clots. Interval 145.0-146.8 contains 70% pegmatitic white bull qtz w/ dark green chlorite & minor screens of schist. Core intact
		116106		19	1C1D1	(1F8 & minor ± #) 70:30
						Dominant unit is muscovite-biotite-quartz-andalusite schist. Noncalcareous, PS2-foliated. Contains biotite-andalusite aggregates elongate parallel S2. locally matrix retrograded to muscovite-chlorite & is pale green. Contains thin interbands of dark green, PS2-foliated, qtz-chlorite-biotite schist. Biotite occurs as thin streaks, discontinuous, parallel S2. Streaks and laminae of tan weathering dolomite. Chloritic schist bands are up to 2cm thick. locally occur in fold noses. Core intact
		117179		110	1C1D1614	
						Moderately soft, noncalcareous, PS2-foliated, muscovite-quartz-biotite-andalusite-chlorite schist. Clots/aggregates and bands of biotite-andalusite in cream to pale green muscovite-quartz ± chlorite matrix. Cream matrix indicates slightly altered when compared to units immediately above & below. Contains fine-grained pyrite along cutting fractures. Extensive weathering of core noted w/ S2 parallel & cutting laminae which are red-brown. Minor pegmatitic bull qtz-pyrite veins & pods/lenses. Biotite-andalusite clots about 20% of unit.

DDH 79F-01 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 2/87 Logged By: LLP

Code	From	To	Recov.	No.	Unit	Description
						TOI - 173.4m core intact / 173.4 - 175.2 mod. broken w/ abundant incipient gouge / 175.2 - EOI core intact
						lower & upper contacts gradational into less altered schist
L	119165	119165		111	1C1D1	
						Noncalcareous, moderately soft, grey-brown, muscovite-quartz-biotite-andalusite schist
						Biotite-andalusite aggregates form compositional bands 1-2 cm thick parallel S2.
						Those intervals are slightly finer xlline. Very minor pegmatitic white quartz as veins
						& pods parallel S2. Locally minor chlorite developed as retrograded biotite
						TOI - 181.3 core intact / 181.3 - 182.0 mod. broken w/ incipient gouge / 182.0 - EOI
						core intact
L	119165	121035		112	1IC101	(IF 8 # Bio) 65:35
						Dominant unit is noncalcareous, PS2-foliated, moderately soft, biotite-muscovite,-
						qtz-andalusite schist. Biotite-andalusite more evenly disseminated through
						the entire matrix, rather than forming clots. Thinly banded w/ brown
						biotite-rich and pale grey qtzose bands. Banding up to 1cm thick.
						Contains interbands of dark olive green, PS2-foliated, moderately soft
						chlorite-biotite-quartz schist. Biotite occurs in thin streaks parallel S2.
						Also have thin brown-weathering streaks of calcite parallel S2. Close to
						fractures develop some blue-green hbl-rich selvages. Metabasite bands range
						from 10cm - 150 cm thick. Near bottom of interval IC schist also
						locally gets some 1cm blue grey bands of hbl calc-silicate.
						TOI - 198.5 core intact / 198.5 - 201.5 mod. to very broken w/ incipient
						gouge / 201.5 - EOI intact w/ incipient gouge @ 200.7m

DDH 79F-01 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Sept 2/88 Logged By: KCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
		12014		113	1F81	BIO (ICO) 95:05
						PS2- foliated, massive, finely xlline, noncalcareous, medium olive green chlorite schist. Minor thin laminae, streaks & bands of brown biotite parallel S2. Green is tinged apple green slightly due to some epidote. Contains minor 10-20 cm interbands of thinly banded biotite-quartz schist. Pelite does not have andalusite clots. Minor po in late cutting fractures. Core intact. Fractures contain calcite.
		21156		114	31D01	(1F8) TERE
						PS2- foliated, noncalcareous, moderately soft to moderately hard, thinly banded biotite-quartz schist. Contains 1-3 cm bands of blueish green, finely xlline calc-silicate. Streaks of apple-green epidote within the blueish green calc-silicate bands. Locally calc-silicate type alteration also occurs as thin selvages along late fractures. Fractures contain calcite. Interval contains minor 10 cm steelebes which are identical to last unit # 13 (-204.1m). Last 0.5m contains more abundant calc-silicate. Generally proportion of calc-silicate is 10-20% Core intact
		21195		115	31D1	"SKARN"
						Dominantly pale green calc-silicate. Contains thin discontinuous dark brown biotite streaks parallel S2. These range from 2mm - 2cm in thickness. Calc-silicate generally noncalcareous, PS2-foliated with white streaking. Superimposed on this are 1cm - 15cm, generally parallel S2 bands of coarsely xlline, pale pink garnet. Margins irregular. Garnet-rich intervals commonly are slightly calcareous. Looks like skarn mineral development

DDH 79F-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 2/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
		214				Proportion of biotite pelite in original calc-silicate 10-20%
						Proportion of pink garnet in interval 35%. Core intact
	214	214 0		116	31D1	
						Reasonably typical calc-silicate. Interbanded green calc-silicate and
						brown biotite-quartz schist. Banding ranges from 1 cm to 5 cm.
						Biotite-quartz schist PS2 foliated, noncalcareous. Calc-silicate bands are
						commonly slightly calcareous. Dominant colour is pale green. Internally it
						commonly contains apple green epidote streaks locally selvages of bluish green
						bbl are present. Rarely it will have thin streaks of pale pink garnet. Zoning
						pattern where noticeable is bbl-pale green c.s.-epidote ± cc ± garnet as go
						from margin to centre of c.s. About 50% c.s. and 50% biotite.
						TOI- 224.6 core intact / 224.6-225.3 core missing (Sampled?) / 225.3-226.0
						intact / 226.0-226.7 very broken & rubbly / 226.7-234.5 intact / 234.5-234.8 very
						broken / 234.8-EOI intact
	214	217 2		117	31D1	
						Still thinly banded calc-silicate, interbanded w/ brown biotite-quartz schist.
						Banding ranges from 0.5 cm - 10 cm. Proportions still about 50% c.s. and
						50% biotite. Calc-silicate bands dominated by blue green hornblende. Contains
						irregular bands of apple green epidote parallel S2. Calc-silicate bands are locally
						slightly calcareous. Minor pale pink garnet in thin streaks parallel S2 in
						calc-silicate. Core intact. Still classified as c.s. because of banding /
						possibly contains selvage to next unit

DDH 89-F-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 2/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	124172	125101		118	1F1B##	
						Dark olive green, moderately soft to soft, PS2-foliated, chloritic schist. Contains thin streaks & bands of calcite parallel S2. Also irregular streaks parallel S2 of dirty apple green epidote which are commonly slightly calcareous. Has developed a deep brown weathering surface cont. Classified as metabasite because of massive, homogeneous appearance and high chlorite content. Core intact except for incipient gouge @ 248.6
		125181		119	31D1	(10AB aplite) 90:10
						Interbanded calc-silicate and dark brown biotite-quartz schist. Biotite bands are irregular & discontinuous parallel S2. Banding generally on scale 0.5cm - 3cm. Proportions of biotite schist range from 30% to 80%. Calc-silicate dominantly pale green to grey green. Contains thin streaks of apple green epidote locally slightly calcareous w/ calcite as thin streaks parallel S2 locally contains pale pink garnet - commonly as garnet-calcite aggregates. Intervals 251.5-251.9 and 253.0-253.4 consist of offwhite finely xlline qtz-feldspar aplite w/ small tourmaline(?) xtals. Contacts xcut S2 fltn. Core intact
		126121		120	31D1	Altered
						Soft, pale green muscovite-chlorite-calcite ± biotite schist. Contains relict bands of dark brown biotite-quartz schist. Interval dominated by quartz-calcite-pyrite fracture system running parallel core axis. Extensive retrograde alterations associated w/ fracture. Core intact to mod. bkn w/ only minor incipient gouges developed. Both upper and lower contacts are gradational.

DDH 79-F-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: Sept 2/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
	21612 1	21614 9		211	3D1	
						Reasonably typical MineSite calc-silicate. Interbanded pale green calc-silicate and dark brown biotite-quartz schist. Schist discontinuous parallel S2. Banding on scale 1-3cm. Proportion schist 40-60% Calc-silicate bands contain thin apple green epidote-rich laminae / pale white laminae / and locally thin calcite laminae. Both upper and lower contacts gradational. Upper into alteration & lower into more massive green schist. Core intact
		21616 0		212	1FBIFT	
						PS2-foliated, hard, medium olive-green chlorite schist. Contains thin dirty apple green epidote-calcite laminae and thin bands parallel S2. PS2-foliated. locally weathers w/ deep brown surface coating. Upper & lower contacts gradational at start of biotite banding w/ calc-silicate. Core intact
		21717 2		213	3D1	
						Interbanded calc-silicate and dark brown biotite-quartz schist. Biotite intervals form 80% of unit. C.S. bands range from 1cm - 10cm in thickness. Biotite-qtz schist is developing abundant small andalusite porphyroblast rich bands and aggregates parallel S2. C.S. bands pale green to bluish green. Generally they are nonreactive. Contain streaks of apple-green epidote. Core intact.
		21719 5		214	3D1	Altered ± BXA [ICO Altered]
						Soft, chlorite schist. Slightly calcareous. Contains minor relict layers of IC biotite-qtz-andalusite schist. Extensively altered & retrograded adjacent to late calcite-quartz fracture. Fracture contains angular bxa fragments. Core intact

DDH 79F-01 (2 / 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: Sept 2/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	121719 5	121912 2		215	3D	(IF 8)
						Interbanded pale green calc-silicate and dark brown biotite-quartz ± andalusite schist. Biotite schist about 35-40% of unit. Locally small andalusite porphs developed. Calc-silicate bands pale green, commonly w/ bluish green thin selvages. Contains apple-green epidote-rich streaks. Generally noncalcareous. At 284m have 0.8m interval altered green associated w/ late fracture. Interval 289.4-289.8 is dark olive green, PS2 foliated, chlorite schist w/ thin dirty apple green epidote streaks parallel S2. Core intact
	121914 7			216	1F1B1	
						Medium dark olive green, noncalcareous, PS2-foliated, chlorite schist. Contains thin dirty apple green bands parallel S2 fabric in minor amounts. Central portion of interval has relict dibasic igneous texture. Interval contains bbl w/ chlorite. Core intact
	121918 2			217	3D1	"SKARN"
						Same as Unit # 15 (215.6-219.5) Interbanded calc-silicate and biotite-quartz schist. Proportions about 40% biotite schist. Calc-silicate pale green, slightly calcareous, w/ irregular bands of pale pink garnet. Thin bands range up to 20 cm thick. Core intact
	131010 2			218	3D1	[IF 8 ?]
						Dark bluish green, noncalcareous, moderately soft to moderately hard schist. Dominantly bbl-chlorite. Contains abundant thin streaks and laminae of biotite. Also contains dirty apple green epidote-rich bands. Classified as 3D because of the banding. Could well be highly foliated margin to next unit which is dibasic metabasite. Core intact.

DDH 79-F-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 2/82 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	131010 2	131016 7		219	31C101	± Bio
						Dark green, massive, PS2-foliated, hbl-chlorite schist. Contains relict dibasic texture. Has sparse dirty apple green epidote bands parallel S2. Coarser grained in core of interval. Interval 306.2-306.7 contains more abundant epidote bands and numerous thin dark brown biotite streaks. This interval is essentially the same as Unit #28 (-300.2) Implies that previous unit was margin of metabasite strongly deformed. Core intact
	131019 1			310	31D1	"SKARN"
						Same as Units 15 ( ) and 27 ( ) Proportion biotite schist 30%. Slightly calcareous, especially in garnet rich bands. Core intact
	131111 1			311	1B1	"SKARN"
						Massive, coarsely xlline pale pink garnet. Contains irregular patches of pale bluish green calc-silicate. Slightly calcareous. Total overprinted original rock type — no idea if original was marble or 3D calc-silicate. Looks like core version of Jacela skarns noted in outcrop. Core intact
	131163			312	31D1	"SKARN" - "ALTERED"
						Pale green calc-silicate w/ thin dark green streaks and bands parallel S2. Locally dark green bands contain relict brown biotite-quartz schist indicating they are altered schist — probably chlorite rich. Calc-silicate calcareous and locally contains thin irregular pink garnet bands and aggregates. Core contains abundant fine, irregular fractures. Core intact

DDH 79F-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 2/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	131163	131263		313	31D1	"Slightly Altered"
						Similar to last unit only less altered / retrograded. Interbanded pale green calc-silicate and dark green chloritic (hbl?) bands. Typically dark green bands contain relict cores of dark brown biotite-quartz schist. Banding irregular and discontinuous. Pale green calc-silicate bands about 50% of unit. Calcite occurs in associations w/ abundant hairline fractures. Core intact.
	131312 9			314	31D1 ?1	"ALTERED" = BXA
						light cream green, muscovite-chlorite-calcite schist. Moderately soft PS2 foliated. Moderately calcareous. Contains extensive fractures w/ calcite-quartz-pyrite. locally angular clasts of "schist" are in fractures. Presently weathered to reddish orange. Cannot really tell parent rock assume 3D because 3D on both sides w/ gradational contacts. Core intact w/ incipient gouge @ EOT.
	131376			315	31D1	
						Hard, non-calcareous, interbanded pale green calc-silicate and dark brown biotite-quartz schist. Banding on scale 1-5 cm. Bands are discontinuous. Biotite schist constitutes about 40% of unit. Calc-silicate contains dirty apple green epidote skarns. Core intact.
	131413 4			316	1101E1	
						Fine grained, brownish grey porphyry w/ diffuse white feldspar phenocrysts. Contains minor disseminated fine biotite. locally altered to pale green along thin fractures. Contacts crosscut S2 foliation plane. Core intact.

DDH 79E-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 2/83 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	314134	315103		317	31D1	ALTERED (10AB APLITE) 94'06
						Thinly banded, moderately hard to hard, PS2 foliated, moderately calcareous, green calc-silicate. Occasionally have relict dark brown biotite-rich bands — in most cases these appear to be altered to green albitite (?) Alteration partly associated with calcite-quartz filled fractures running parallel core axis. Partly related to fine grained, white, aplitic intrusive occurring for interval 345.8 - 346.2. TOI - 344.4 very broken along steep fractures / 344.4 - 346.7 intact / 346.7 - 348.5 mod. to very broken / 348.5 - EOI intact
	315103	315116		318	31D1	(3FO BIO) 92'08
						Dominantly pale green, slightly calcareous, hard calc-silicate. More calcareous intervals have irregular bands of pale pink garnet parallel S2. Similar to Units # ( ) and # ( ). Contains discontinuous dirty apple green epidote streaks parallel S2. Unique in that it has a 10cm band of medium xlline grey calcite marble. Marble contains disseminated biotite. Core intact.
		318108		319	31D1	I Altered
						Interbanded pale green calc-silicate and dark brown biotite-quartz. Banding generally on scale 1-5 cm. Variably altered to medium green. Alteration associated with steep fractures. Highly fractured & altered intervals generally moderately to very calcareous w/ calcite infilling fractures. Core variably fractured - especially in zones w/ extensive alteration and many fractures. Altered 3D makes up about 50-60% of interval

DDH 79-F-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 4/88 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
		13816 1		1410	5C31	
						Dark green, moderately hard, hornblende-chlorite amphibolite. PS2-foliated. Contains 0.5-1cm bands of pale green-grey calcite parallel S2. Some S2 fold noses noted. TOI-385.0 core intact / 385.0-385.5 very broken / 385.5-EOI core intact
		13818 4		1411	31D1	(10AB APLITE) 78:22
						Dark brown biotite-quartz ± andalusite schist. PS2-foliated, noncalcareous, moderately hard. Contains thin bands of dark green, moderately calcareous, calc-silicate - probably dominantly hornblende. locally calc-silicate is pale green. Calc-silicate bands range from 1cm-10cm in thickness. Interval 386.5-387.0 consists of white coarsely xlline feldspar-qtz intrusive. Has graphic texture of quartz in feldspar. Pegmatite vein. Core intact.
		13903		1412	10E1	± Altered.
						Medium xlline biotite granite. Biotite ~20% Occurs as large euhedral grains and small grains. Subhedral large hornblende (?) appears to have reacted completely to fine biotite. Variably altered with feldspars going to clays and biotite going to chlorite. Alteration appears to be associated w/ steep fractures. Core intact. Marginal contacts approx. parallel S2.
		13913 2		1413	1C1019	± 8
						Thinly banded dark brownish grey biotite-quartz-andalusite schist. Banding marked by thin quartzose bands & laminae defining S2 foliation. Pelitic intervals contain coarse andalusite prisms/aggregates. Noncalcareous. Variably altered to medium to dark greens chlorite-quartz schist. Alteration more noticeable near TOI & EOI. Core intact

DDH 79F-01 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 4/86 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
		319.52		414	101E ?	ALTERED
						Coarsely xlline, highly altered intrusive. Equigranular. Biotite altered to dark green chlorite and feldspars gone to rollidex orange to tan clays. Alteration associated w/ steep fractures parallel core axis. Difficult to tell original intrusive type. Contains minor screens of IC schist as inclusions. Upper contact parallel SA. Lower contact is steep fracture w/ minor displacement. Core intact.
		319.73		415	1C1D1	± 4
						Noncalcareous, thinly banded, moderately hard biotite-quartz-andalusite schist. Banded on 1-3 cm scale between coarse dark brown biotite-andalusite and finer pale grey green andalusite-biotite aggregates. Locally the pelitic biotite-rich layers are partly to completely altered to a medium olive green chlorite retrograde assemblage. Retrograding for about 40% of interval. Core intact. 1000 qtz veins 396.7-396.9
		410.09		416	1C1D141	8
						Noncalcareous, moderately soft, thinly banded, highly altered schist. Dominantly banded on 1cm scale between green chlorite bands and pale grey green bands. Locally chlorite bands contain minor relict dark brown biotite crowded w/ fine greyish pink andalusite. Extensive fractures from hairline to 1 cm wide running parallel core axis. — Infilled w/ dolomite. Locally fractures intense enough to give incipient foliation texture to schist. Grain size of biotite-andalusite aggregates similar to 3D intervals further up DDH — but no calc-silicate or no carbonate in this interval. Core intact w/ minor incipient gouges.

DDH 79F-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 6/80 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	41010 9	41012 1		17	101A81	PEGMATITE [10Q0 FELDSPAR]
						Coarse-grained, interlocking white bull quartz and white chalky feldspar. Also extensive fractures running essentially down the core axis. Upper & lower contacts xcut S2. Upper has orientation 000/35 and is thin bxn zone. Lower approx 280/20 and is steep fracture. Core intact
	41013 2			18	1C1D1418	
						As Unit # 46 (-400.9) Banded dark green chlorite and white to grey qtzose. Tan- to orange weathering fractures (dolomite?) about 20° to core axis. Core intact.
	41017 3			19	31D	ALTERED
						Thinly banded, dark brownish biotite and pale grey to greenish cream calc-silicate (?). Pale bands are locally slightly calcareous. Biotite bands have fine undulating similar to 3D further up DD4. Partial to complete retrogrades to olive green chlorite both along compositional bands and as selvages to thin steep fractures. Difficult to determine exactly if parent rock was 3D or 1C. Steep fractures infilled w/ tan-orange weathering dolomite (?). Core intact - abundant incipient gouges related to fractures and breaking up along S2 surfaces
	41151			50	101E	ALTERED
						Fine grained intrusive. Fresh is brownish grey w/ abundant indistinct white feldspar phenocrysts. Altered to various shades of cream & green. Alteration as selvages to fractures which locally contain pyrite. Core intact. Upper & lower contacts xcut S2.

DDH 79F-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 8/88 Logged By: KLP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	141115	141166		151	31D1	ALTERED [ICD ALTERED]
						Thinly banded, soft, pale green and grey, non-calcareous schist. Pale green bands are chlorite representing highly altered biotite-andalusite schist. Pale grey bands are qtz? Core generally weathered to orange-brown. Contact into next unit down DDH is transitional over very short distance. Core intact. Parent rock difficult to determine.
	141314	141455		152	31D1	I ALTERED
						Thinly banded pale green calc-silicate and dark brown biotite-andalusite-qtz schist. Banding on scale 1-3 cm. Calc-silicate locally slightly calcareous. C.S generally dirty apple green — sometimes has a dark blackish green selvage against schist. Biotite bands crowded w/ fine pinkish grey andalusite. Assemblage locally altered to pale green or white chlorite-muscovite schist. Altered intervals tend to weather orange-brown. Alteration typically associated w/ steep fractures up to 1cm wide. Core intact w/ zones of incipient gouge & weathering near fractures. 426.0-426.3 is pegmatitic 10AB qtz-feldspar intrusive
	141428	141538		153	101E1	(10AB) 75:25 [10ABE]
						Dominantly unfoliated, equigranular biotite granite. Biotite as randomly oriented subhedral grains. In most cases extensively altered - biotite to red iron oxides and feldspars to cream/tan clays. Alteration seems associated w/ fractures. Contains intervals of foliated quartz-feldspar, medium alline granite. Qtz forms ribbon texture defining FS2. Contact between 2 units obscured by fractures and alteration. Foliated 10AB for intervals TOI-435.3, 440.6-441.2, 442.0-EOI Core intact

DDH 79-E-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Sept 8/80 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
		1413 2		514	3D	
						Moderately hard, dark grey, noncalcareous, schist. Thinly banded Carbonaceous. Core intact
		1417 0		515	10E	[10ABE]
						Biotite granite. Medium coarse, subhedral, randomly oriented biotite. Biotite forms up to 30% of unit. Commonly altered. Feldspars gone to tan clays or green chlorite. Core intact.
		1417 3		516	3D	[1C0]
						Dark brown, finely xlline, noncalcareous, PS2- foliated biotite-quartz schist. Classified as 3D because of finer grain size & planar PS2 texture. Core intact.
		1818 0		517	10A B M	
						Medium coarse biotite granite w/ large milky blue plagioclase. Well-developed planar foliations defined by micas and qtz ribbons. Locally - but not readily & consistently I can "imagine" a second foliation leading to suspicion of S-C bands. Screen inclusion of biotite-andalusite-quartz schist 459.4 - 459.8. Core missing 461.6 - 462.2 — presumed sampled. Core intact except for weathering & incipient gouges along steep fractures.
						EOH

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79F-01

Project: Anvil

Location: E-6 (W. Faro Grid)

Claim: _____

Terr. Plane Co-ords.: _____ N

_____ E

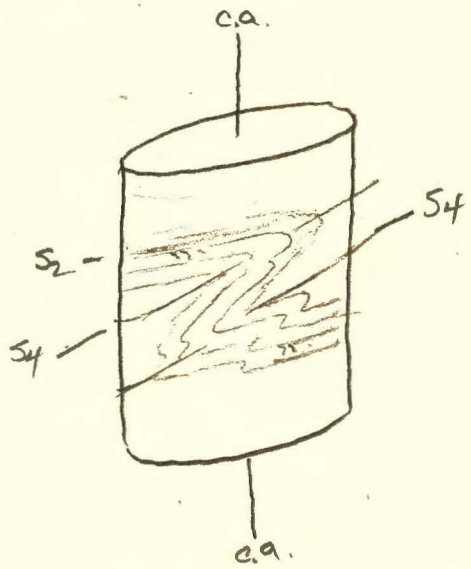
Grid Co-ords.: L1560W ≈ 29+00N

_____

Elevation: _____

Total Depth: 488 M

Fabric Orientation Diagram:



All symmetry determinations looking NW with S_2 dipping SW with dip azimuth 210°.

Purpose: Hinge Line ID Target on Short Limb of Faro F, Antiform

Logged by: D.S. Jennings Date(s) Logged: _____

Drilling Contractor: Arctic

Core:

Size	From	To
NQ	0	488 M

Collar Cased and Capped: No

Started: 18th Jul Completed: 30 Jul

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 79F-01
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	79F-01				METERS

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	79F-01	0 0	180.0	0.0	AT COLLAR
R	79F-01	25 3	178.0	123.0	
R	79F-01	55 8	175.0	108.0	
R	79F-01	116 8	168.0	108.0	
R	79F-01	177 8	165.0	103.0	
R	79F-01	238 8	163.0	098.0	
R	79F-01	299 8	160.0	093.0	
R	79F-01	360 8	159.0	091.0	
R	79F-01	421 8	160.5	089.0	
R	79F-01	482 8	161.0	091.0	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

Code	Drillhole	Comments, Errant Remarks, Snivellings and/or Lewd Suggestions
	2 8	10 47
C	79F-01	ALL DATA TAKEN WITH MAGNETIC SINGLE
C	79F-01	SHOT SPERRY SUN UNCORRECTED FOR ROCK
C	79F-01	TYPE EFFECTS IF ANY

DDH 79-F-01 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: DSF

Code	From	To	Unit	Code	Description
1	10 — 14	16 — 20	22 23	25 — 27	
L	10	23 9	1	#	Overburden
L	23 9	56 5	2	1D6	→ 1CD6 ; weakly carbonaceous musc ± bio schists w/ lg. bio ⇌ and "clots" (may involve garnet) clots appear to be frozen reaction zones possibly w/ bio ⇌ gar + and ??
L	56 5	67 2	3	1D6	→ 1D64 not true "white mica envelope" lithology, just more muscovitic variant of 1D or 1CD w/ prominant dk brown bio. "reaction clots" as in unit 2 again possibly coupled reaction of bio + staur ⇌ gar + and (+ other Φs)
L	67 2	68 8	4	1F8	typical "metatrasite" or "tuffaceous" bluish green band of Mt. Mye calc-silicates further reinforcing contention that 1D as Mt. Mye unit is not typical metatrasites of Anvil pile — probably a Mt. Mye tuff
L	68 8	85 8	5	1D10	→ 1CD ; c.f. unit 2 but not strongly "clotted"
L	85 8	112 6	6	1D16	→ 1D64 identical to unit 3 w/ clots suggestive of bio + staur ⇌ gar ?? + and
L	112 6	128 4	7	1D10	→ 1CD as units 2 & 5
L	128 4	131 0 6	8	0E12	→ 0E287 i.e. Pintic bio-Hb diorite dike ; upper contact dips 55° / 090 (dip line azimuth) or Σ 0° Δ 55° E ; obvious intrusive X cutting contact ; lower contact 050/070 (dip line azimuth) or Σ 340 Δ 50 NE
L	131 0 6	159 0	9	1D10	→ 1CD as units 2, 5, 7 w/ 25% interbanded 1DC6 "clotted" variant — generally tectonic i.e. discontinuous "boudinaged" bands or clots around Fq (?) lenses
L	159 0	160 3	10	1F8	interbanded w/ 1DC i.e. units 4 & 9 interleaved
L	160 3	161 23	11	1D10	→ 1CD as unit 9
L	161 23	177 9	12	1D16	→ 1D64 ident. to units 3, 6 i.e. clotted musc >> bio schists ; clots show excellent approach to chiastolite porph. development w/ v. little bio surrounding porphyroblast suggesting approach to reaction (bio + staur ⇌ staur + gar ?) completion. This may represent depth of

DDH 79-F-01 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: [signature]

Code	From	To	Unit	Code	Description
1	10 — 14	16 — 20	22 23	25 — 27	
					burial phenomenon w/ reaction ⟹ completion (equilibrium?) w/ depth
					N.B.: Entire 1D/1DC section is weakly & patchily dolomitic (fizzes w/ 10% HCl)
L	1179	1966	13	1DO	→ 1CDO as units 5, 7, 9, 11
L	1966	2035	14	3AO	transition to overlying (stratigraphically) calc-silicates of Mt. Mye Fm.; usual question of existence of Faro Fm. because of interbanding w/ Mt. Mye i.e. is 3G ≡ 1C/4D (not just 1D)
L	2035	2156	15	3D14	→ 3D41 i.e. 60-70% green calcareous CS bands in dk. br. pelitic matrix; CS is pelite-carbonate ($CaCO_3$) admixture!
L	2156	2193	16	3DIF	unit is 3D4/3FO interleaved w/ prominent rose brown andradite(?) garnet bands in more calcareous (w/ 5%) horizons; unit similar to 1B tactites in Faro Fm. but definitely Mt. Mye calc-silicates — lamp for scheelite
L	2193	2417	17	3D14	typical calc-silicates 50% CS / 50% pelite bands
L	2417	2510	18	3D18	possible dk. green tuffaceous/meta-vole band; mod calc.
L	2510	2511	19	3DIF	50:50 3D4/3FO w/ andradite as unit 16
L	2511	2519	20	0C13	→ 0C32 tourmaline bearing; upper & lower contacts 50/030 (dip/dip azimuth)
L	2519	2531	21	3D14	
L	2531	2534	22	0C13	as unit 20; upper & lower contacts 40/030 (dip/dip az.)
L	2534	2778	23	3D14	N.B. All 3D is weakly to moderately calcitic (i.e. fizzes in 5% HCl) strongly suppating carbonate-pelite admixture — calci/dolomitic tactites — chloritic as protolith
L	2778	2795	24	3D12	very calcareous region, biotite free — CS & $CO_3^=$ only
L	2795	2926	25	3D14	as unit 23
L	2926	2948	26	3C13	fairly typical metabasite w/ relict clastic texture in core
L	2948	2982	27	3DIF	as units 16, 19
L	2982	3010	28	3D14	
L	3010	3016	29	3C13	good relict texture in much of unit coupled w/ probable biotite — sedimentary?? — bands ⟹ flow rather than tuffaceous or intrusive origin
L	3016	3082	30	3D14	
L	3082	3111	31	3DIF	as units 16, 19, 27; some nearly massive andradite tactite

DDH 79F-01 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: [illegible]

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	3111 4	3128	312	3D12	as unit 24
L	3128	3131	313	3DIF	as units 16, 19, 27, 31
L	3181	31H1	314	3D12	as units 24, 32
L	3141	3161	315	3DIF	as units 16, 19, 27, 31, 33
L	3161	3179	316	3D12	30% $CO_3^=$ / 70% CS bands – highly calc.; as units 24, 32 34
L	3179	3258	317	3D14	as 16, 19, 27, 31, 33
L	32558	33330	318	3D12	30-40% CO_3 / 70-60% CS ; as units 24, 32, 34, 36; 0.2M band 3DF garnetite 325.8-326.0
L	33100	33176	319	3DH4	as 37 et al
L	33176	33413 4	410	0E12	→ 0E278 i.c. hb < bio diorite Dry Lake; upper contact 70°/280 (dip line az. of contact relative to 210° for S_2 d.l.) lower contact 35°/160° (dip line az.); diorite clearly intrusive
L	33413 4	33458	411	3D13	
L	33458	33462	412	0C10	Upper contact 65/210; lower 40/280
L	33462	33503	413	3D12	→ 3D23; ≈ 30% CO_3 60-70% CS 0-10% bio. pelitic
L	33503	33508	414	3DIF	as 35 et al
L	33508	33514	415	3D12	
L	33514	33517	416	3DIF	as 44 et al
L	33517	33576	417	3D14	
L	33576	33609	418	3D12	w/ minor 3DF garnetite interbands
L	3609	33808	419	3D14	0.1M CC2 @ 378.0-378.1
L	33808	33857	510	3D18	→ 3D82 interbeaved 3D8 & 3D2; 0.05M band of patchy po 383.8; interval non-bratteri
L	33857	33865	511	3D14	
L	33865	33870	512	0C10	upper contact 65°/120 (dip line az.)
L	33870	33884	513	3DH4	
L	33884	33904	514	0E18	→ 0E87; Like; upper contact sm. dely horiz; lower contact irreg. foliaform ≈ 80°/210
L	33904	33932	515	3D14	
L	33932	33953	516	0D19	altered/kaolinized-epidotized qtz diorite? or marg. w/ reasonable qtz "eye" development; possibly a pre-meta. sill; upper contact 070/210 i.c. S_2 foliaform; lower contact 020/210 but appears to cross-cut S_2
L	33953	33975	517	3D18	non-calc schists → gneisses of IC

DDH 79F-01 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: DSF

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1391 7 5	1410 0 7	58	3D12	H. yellowish green, incip. bleached & $CaCO_3$ micro-veined patchily calcareous 3D2 with fg. bio (v.dk.br.) clots w/ diffuse boundaries suggestive of biotite breakdown. Possibly retrograde D_2 bio⇒ chlor from stable D_1 bio. assem. or (more likely) hydrothermal alteration of 3D by pegmatitic fekes
L	1410 0 7	1410 2 0	59	01C0	→ QQO; upper contact 045/180; lower contact is QQO qtz vein
L	1410 2 0	1410 3 2	610	3D12	w/ dolomitic not calcareous interlands
L	1410 8 2	1410 7 3	61	3D8	c.f. 1C w/ minor 3D2 bands c.f. unit 58
L	1410 7 3	1411 5 2	612	0E12	→ 0E23 near aphanitic w/ typical brownish "quenched" color.; upper contact 40°/030; lower contact ≅70°/030 ⇒ dk.
L	1411 5 2	1411 6 6	613	3D12	calcitic to dolomitic
L	1411 6 6	1412 0 6	614	3D14	
L	1412 0 6	1412 3 8	615	3D12	w/ some relict bio. clots c.f. unit 58; suspect most "3D2" here is carbonated (calcite/dolomite) 3D8??/3D4
L	1412 3 8	1413 4 5	616	3D14	N.B.: all 3D4 in hole is calcareous ⇒ pelite/$CO_3^=$ admixture as protolith
L	1413 4 5	1414 2 8	617	0E0	→ 0E87 gradational over interval upper contact 65°/120 (drill line azimuth)
L	1414 2 8	1414 3 2	618	3D18	→ 3D82 xenolith or screen; S_2 appears normal attitude
L	1414 3 2	1414 4 4	619	01E19	hb-bio dior. w/ mafics "bleached" or kaolinitized around 2 qtz-qp-Pb-Zn-S veins @ 40° to c.a. @ 444.0
L	1414 4 4	1414 7 6	710	0E8	→ 0E872; equall. dioritic text.
L	1414 7 6	1414 8 0	711	3D14	foliaform "screen" or xenolith; S_2 75° to c.a. ∴ diorite complex above may be cells "marginal" main Quartz phase of Anvil Batholith below
L	1414 8 0	1418 8 0	712	0B12	Early Quartz Porphyritic adamellites of Anvil Batholith showing typical K-spar megacrysts
					END OF HOLE 488.0

DDH 79-F-01 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: J.G.S.

Code	From	To	Feature	Sym	S1 2 Dip	S1 2 Direct.	S2 4 Dip	S2 4 Direct.	Description
1	10 14	16 20	22 24	26	28 32		34 38		
S		1213 9							NB REMEMBER TO TELL
S		1318 0	C1S12	S	410	0310			COMP. PLOT CS2 —
S		1318 3	C1S14	Z			910	2010	CS4 ---
S		1414 7	C1S12		610	0310			
S		1414 9	C1S14	Z			710	2010	
S		1416 0	C1S14	Z			510	2010	S4 Quite pervasive & dominant
S		1510 4	C1S12		510	0310			
S		1506 6	C1S14	Z			410	2010	
S		1511 3	C1S12		610	0310			
S		1511 4	C1S14	Z			710	2010	
S		1516 0	C1S14	Z			510	2010	
S		1516 5	C1S12		510	0310			
S		1517 5	C1S14	Z			515	2010	S4 still dom.
S		1611 7	C1S14	Z			610	2010	
S		1616 1	C1S12	S	610	0310			
S		1713 0	C1S12		710	0310			
S		1713 2	C1S14				510	2010	
S		1718 0	C1S12		615	0310			
S		1718 2	C1S14	Z			510	2010	
S		1817 7	C1S12	S	515	0310			
S		1819 9	C1S14	Z			410	2010	
S		1813 2	C1S14	Z			510	2010	
S		1816 0	C1S12	S	710	0310			
S		1816 2	C1S14	Z			510	2010	
S		1904 4	C1S12	S	710	0310			S4 NON PERVASIVE S2 DOM.
S		1913 4	C1S12	P	710	0310			
S		1916 6	F12	E					M region F2 folds nose of F4?
S		1919 2	C1S12	S	710	0310			
S		1919 3	C1S14				410	2010	S4 Very faint.
S		1101 4 0	C1S12	P	710	0310			
S		1101 4 6	C1S14	Z			410	2010	
S		1101 7 4	C1S12	S	710	0310			
S		1108 4	C1S14	Z			355	2010	S2 still dominant
S		1108 6	C1S12	S	710	0310			
S		1111 6	C1S12		510	0310			
S		1111 7	C1S14	Z			40	2010	

DDH 79-F-01 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JGS

Code	From	To	Feature	Sys	Sv 2 Dip	Sv 2 Direct.	Sv 4 Dip	Sv 4 Direct.	Description
1	10 14	16 20	22 24	26	28 32		34 38		
S		1114 8	C S 1 4	Z	1	1 1	55	210 10	S4 DOMINANT 113m -
S		1121 0 9	C S 1 2	S	71 0	0 3 10	1	1 1	
S		1121 2 0	C S 1 2		71 5	0 3 10	1	1 1	
S		1121 2 2	C S 1 4	Z	1	1 1	5 10	2 10 10	
S		1121 5 4	C S 1 2	S	71 5	0 3 10	1	1 1	
S		1121 5 5	C S 1 4	Z	1	1 1	7 10	2 10 10	
S		1121 7 2	C S 1 2	S	71 0	0 3 10	1	1 1	
S		1121 7 4	C S 1 4	Z	1	1 1	6 15	2 10 10	
S		1131 2 8	C S 1 2		61 0	0 3 10	1	1 1	
S		1131 3 0	C S 1 4		1	1 1	4 15	2 10 10	
S		1131 5 8	C S 1 2	S	61 0	0 3 10	1	1 1	
S		1131 6 3	C S 1 4		1	1 1	6 0	2 10 10	
S		1141 1 9	C S 1 2		21 0	0 3 10	1	1 1	
S		1141 2 1	C S 1 4	Z	1	1 1	70	2 10 10	
S		1141 8 5	C S 1 2	S	71 0	0 3 10	1	1 1	
S		1141 8 8	C S 1 4	Z	1	1 1	6 10	2 10 10	
S		1151 1 4	C S 1 2	S	81 0	0 3 10	1	1 1	
S		1151 1 6	C S 1 4	Z	1	1 1	7 10	2 10 10	
S		1151 4 0	C S 1 4	Z	1	1 1	7 15	2 10 10	
S		1151 4 2	C S 1 2	S	71 0	0 3 10	1	1 1	
S		1151 6 6	C S 1 4	Z	1	1 1	6 10	2 10 10	
S		1151 7 6	C S 1 4	Z	1	1 1	7 10	2 10 10	
S		1151 7 7	C S 1 2		81 5	0 3 10	1	1 1	
S		1161 0 5	C S 1 2		71 0	0 3 10	1	1 1	
S		1161 0 6	C S 1 4	Z	1	1 1	7 10	2 10 10	
S		1161 6 0	C S 1 4	Z	1	1 1	5 10	2 10 10	
S		1161 6 1	C S 1 2		21 5	0 3 10	1	1 1	??
S		1161 8 8	C S 1 2		71 0	0 3 10	1	1 1	
S		1161 9 0	C S 1 4	Z	1	1 1	6 15	2 10 10	
S		1181 5 3	C S 1 2	P	71 0	0 3 10	1	1 1	175.5 - 175.4 F guage.
S		1181 5 5	C S 1 4	Z	1	1 1	7 10	2 10 10	S2 DOMINANT.
S		1191 0 0	C S 1 2		71 0	0 3 10	1	1 1	
S		1191 0 2	C S 1 4	Z	1	1 1	6 10	2 0 10	
S		1191 7 2	C S 1 2		81 0	0 3 10	1	1 1	
S		1191 7 4	C S 1 4	Z	1	1 1	6 10	2 10 10	NB CALC SIL CONTACT.
S		1201 5 0	C S 1 2	P	81 0	0 3 10	1	1 1	S2 becomes dominant S4 very tenuous.

DDH 79-F-012 **Cyprus Anvil Mining Corp.** Page 9 of 10

Structural Log Logged By: J.G.S

Code	From	To	Feature	Sys	Sx2 Dip	Sx2 Direct.	Sx4 Dip	Sx4 Direct.	Description
1	10 14	16 20	22 24	26	28 32		34 36		
S		12103 2	C S 1 4	Z			310	2010	MAY BE P5 axial plane
S		12106 3	C S 1 2	P	710	0310			S2 PERVASIVE in Calc Sil.
S		12110 8	C S 1 4	Z			610	2010	GEN II to S1
S		12111 0	C S 1 2	P	710	0310			
S		12115 4	C S 1 4	Z			515	2010	
S		12115 6	C S 1 2	P	810	0310			
S		12121 0	C S 1 2	P	810	0310			
S		12121 7 2	C S 1 2	Z	810	0310			ANOM. Z.
S		12121 8 8	C S 1 2	S	710	0310			NB IND OBS NOT ZONES
S		12131 5	C S 1 2	Z	810	0310			MAINLY P.
S		12131 9 9	C S 1 2	S	810	0310			
S		12141 6 6	C S 1 2	P	710	0310			MINOR SCALE F4 Corrug. Z
S		12150 0	C S 1 2	P	710	0310			
S		12153 0	C S 1 2	P	710	0310			
S		12157 0	C S 1 2	S	715	0310			
S		12160 3	C S 1 2	P	710	0310			
S		12163 2	C S 1 2	P	710	0310			
S		12171 5	C S 1 4	Z			710	2010	F4 FAINT.
S		12171 2 0	C S 1 2	P	615	0310			
S		12171 4 4	C S 1 4	Z			515	2010	
S		12171 4 6	C S 1 2	P	710	0310			
S		12181 0 0	C S 1 2	S	715	0310			SINGLE OBS ONLY MAINLY P.
S		12181 5 0	C S 1 2	P	810	0310			
S		12181 7 6	C S 1 2	P	810	0310			
S		12191 1 7	C S 1 2	P	810	0310			
S		12191 2 0	C S 1 2	P	810	0310			
S		12191 6	C S 1 2	P	810	0310			246 - 319 P S2 70-80
S		13119 0	C S 1 2	P	810	0310			
S		13120 0	C S 1 2	Z	810	0310			
S		13135 0	C S 1 2	P	810	0310			
S		13136 8	C S 1 2	S	710	0310			
S		13137 0	C S 1 4	Z			810	2010	GRANITE PORPH.
S		13146 3	C S 1 2	P	810	0310			
S		13146 4	C S 1 4	Z			315	2010	
S		13151 6 7	C S 1 2	P	610	0310			
S		13156 8	C S 1 4	Z			510	2010	

DDH 79-F-01 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: J.G.S

Code	From	To	Feature	Sym	S1/2 Dip	S1/2 Direct.	S3/4 Dip	S3/4 Direct.	Description
	10 14	16 20	22 24	26	28 32		34 38		
S		13162	F2	E					M area F2 Fold closure
S		13179	C1S12	P	510	0310			
S		13181	C1S14	Z			410	2010	
S		13813	C1S12	P	810	0810			
S		14014	C1S12	P	710	0910			
S		14014	C1S14	Z			610	2010	
S		14178	F2	E	810	0310			M area F2
S		14212	C1S12	P	610	0310			
S		14212	C1S14	Z			610	2010	
S		14217	C1S14	Z			610	2010	
S		14217	C1S12	P	615	0310			
									NB S4 on 2 Very dom Z
									S2 on 1 Where observed
									dem S.

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-F-02

Project: FARO

Location: E-6 W. FARO GRID

Claim: Faro 83

Terr. Plane Co-ords.: _____ N

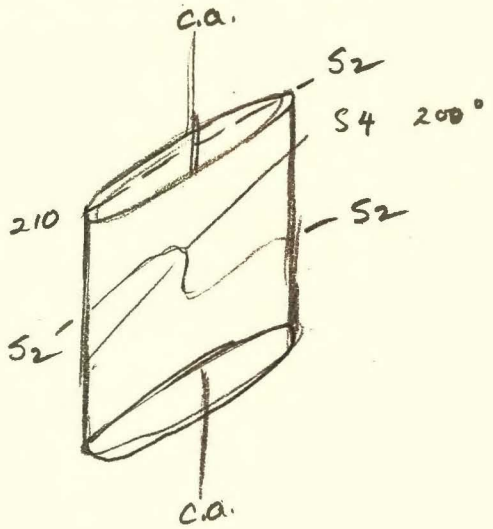
_____ E

Grid Co-ords.: L 140 W 2+00 N

_____

Elevation: _____

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 210°.

Total Depth: 451.4 m.

Purpose: TEST ID FARO AMTIFORM

Logged by: [illegible] Date(s) Logged: 13-14th AUG.

Drilling Contractor: ARCTIC

Core:

Size	From	To
NQ	0	451.4

Collar Cased and Capped: ____

Started: JUL 30 Completed: 15 AUG.

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 79-F-02
(2–8)

Code	Drillhole (2–8)	Elevation (10–16)	Northing (17–24)	Easting (25–32)	Comments (34–48)
T	79-F-02				METERS

Code	Drillhole (2–8)	Depth (10–14)	Zenith Angle (22–26)	True Azimuth (28–32)	Comments (34–56)
R	79-F-02	0	180.0	190.0	ATCOLLAR
R	79-F-02	1106	165.8	358.0	
R	79-F-02	1411	160.0	359.0	
R	79-F-02	1990	151.5	006.0	
R	79-F-02	2630	152.5	037.0	
R	79-F-02	3240	146.0	034.0	
R	79-F-02	3855	144.0	036.0	
R	79-F-02	4459	145.5	013.0	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

Code	Drillhole (2–8)	Comments, Errant Remarks, Snivellings and/or Lewd Suggestions (10–47)

DDH 79-F-028

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: J.G.S

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
2	10 0	119 1	01		O/B.
2	119 1	139 4	02	1D10	Weathered oxid, sch.
2	139 4	141 2	03	1D16	Clotted oxid-chl-biot. sch. knots in q.m. sch.
2	141 2	141 9	04	1D16	* Gouge zone in 106.
2	141 9	146 8	05	1D16	
2	146 8	148 0	06	1D16	* Gouge zone.
2	148 0	159 7	07	1D16	Clotted oxid - knots
2	159 7	191 0	08	1D16/4	Alt. sheared 106. numerous small gauge-sheared zones - qtz musc alt.
2	191 0	195 4	09	1D16	* Sand gravel return only
2	195 4	196 9	10	1D10	
2	196 9	1010 4	1	1H13	→3D8 Calc tuff sch = 5D3 + 3D equivalents. NB
					Very different from 1D0 or 1D3 no prograde bracket in classification SEE DARYL for comp.
					Is this criteria for 3G-3D = 1D-1H? Absolutely - DGS
2	1010 4	1113 4	11	1D10	
	1113	1115 7	12	1H13	→3D8 Calc chl tuff sch + laminae banded 3D near contact with 1D0.
2	1115 7	1116 7	13	1D10	
2	1116 7	1210 7	14	1H13	→3D8 Calc chl. sch + laminae banded 3D as above.
2	1210 7	1312 2	15	1D10	
2	1312 2	1316 7	16	1H13	→3D8 Calc chl. sch (3D)
2	1316 2	1612 2	17	1D10	
2	1612 2	1613 6	18	1H13	→3D8 Calc chl sch. (3D relatives)
2	1613 6	1715 1	19	1D10/4	
2	1715 1	1815 0	210	1D14/6	Numerous QV. lenses q.m. sch. clotty and chl remnants.
2	1815 0	2015 0	211	1C1D	Transition 1D-1C.
2	2015 0	2018 4	212	1H13	Chl-slight calc sch could be downgraded alt ic 106/4 or 104 in this case not as good a 3D3 equiv as previous IHS sections
2	2018 0	2118 5	213	1C1D	
2	2118 5	2315 3	214	1C10	
2	2315 3	2318 0	215	1Q6/8	
2	2318 0	2319 2	216	1D14	Lenses q.m. (chl) sch. not typical 104
2	2319 2	2413 0	217	1Q6	
2	2413 0	2414 9	218	1D14/3	Slight calc alt 106.

DDH 79-F-02 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: _____

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
2	12414 9	12510 4	219	1 1016	
2	12510 4	12515 5	310	1 1C1D	Transition zone.
2	12515 5	12516 0	311	0R10	Qtz Sweat
2	12516 0	12616 9	312	1 1C10	/4 bleached clotty pors some and sch.
2	12616 9	12714 5	313	1 1C10	
2	12714 5	12715 4	314	1 1D14	
2	12715 4	12812 5	315	1 1C1D	
2	12812 5	12818 0	316	1 1C10	/4 alt bleach q.m. sch + qv.
2	12818 0	13016 4	317	1 1C10	291.4
2	13016 4	13016 9	318	1 1H13	Calc chl. feld. scl.
2	13016 9	13017 4	319	1 1C10	
2	13017 4	13019 0	410	1 1D16	
2	13019 0	13110 4	411	1 1C10	
2	13110 4	13114 2	412	1 1H10	/3 May not be and. & clotty appearance only.
2	13114 2	13116 0	413	1 1C10	
2	13116 0	13216 1	414	1 1C1D	/6.
2	13216 1	13310	415	1 1C10	
2	13310	13317 7	416	1 1DC	/4 Garnet chl-qtz veins
2	13317 7	13812 4	417	1 1C10	
2	13812 4	13816 2	418	1 1C14	Alt adjacent to intrusive
2	13816 2	14017 5	419	0 1E10	Porph 1:gr. qtz feld. bio hblende.
2	14017 5	14318 0	510	0 1E10	Med grained
2	14318 0	14514	511	0 1E10	Course grained
					END OF HOLE

DDH 79-F-02 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JGS/RSJ

Code	From	To	Feature	Sym	S_2 Dip	S_2 Direct.	S_4 Dip	S_4 Direct.	Description
1	10 14	16 20	22 24	26	28 32		34	38	
S		120 2	PS 2		72	210			
S		246 7	PS 2		80	210			
S		325	PS 2		73	210			
S		365	PS 2		72	210			
S		404	FH	Z	66	210	36	200	
S		425	PS 2		60	210			
S		465	FH	Z	66	210	35	200	
S		488	PS 2		60	210			
S		537	PS 2		60	210			
S		567	FH	Z	70	210	32	200	
S		595	PS 2		53	210			
S		624	PS 2		64	210			
S		648	PS 2		55	210			
S		663	PS 2		40	210			
S		710	PS 2		36	210			
S		738	PS 2		62	210			
S		784	PS 2		55	210			
S		832	PS 2		65	210			
S		875	PS 2		60	210			
S		900	PS 2		60	210			
S		964	FH	Z	57	210	27	200	
S		997	PS 2		57	210			
S		1020	PS 2		60	210			
S		1060	PS 2		61	210			
S		1088	PS 2		60	210			
S		1120	PS 2		60	210			
S		1147	PS 2		60	210			
S		1168	PS 2		64	210			
S		1200	PS 2		58	210			
S		1268	PS 2		58	210			
S		1329	PS 2		78	210			
S		1392	FH	Z	47	210	30	200	
S		1453	FH	Z	72	210	45	200	
S		1514	FH	Z	62	210	45	200	
S		1570	PS 2		56	210			
S		1640	PS 2		65	210			

DDH 79-F-02 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JGS/DSF

Code	From	To	Feature	Sym	S_2 Dip	S_2 Direct.	S_4 Dip	S_4 Direct.	Description
	10 14	16 20	22 24	26	28 32		34 38		
S		1696	PS 2		76	210			
S		1740	PS 2		80	210			
S		1820	PS 2		63	210			
S		1850	PS 2		75	210			
S		1855	F4	Z	66	210	47	200	N.B. S_4 incipient axial planar fol^n. only, not dvlpd as penetrative cren. fol^n.
S		1938	F4	Z	75	210	55	200	
S		1972	F4	Z	70	210	44	200	
S		2030	PS 2		74	210			
S		2094	F4	Z	74	210	55	200	
S		2155	F4	Z	75	210	45	200	
S		2200	F4	Z	85	210	63	200	
S		2277	F4	Z	74	210	57	200	
S		2340	F4	Z	25	030	60	200	
S		2396	PS 2		80	210			
S		2460	PS 2		82	210			
S		2520	PS 2		70	210			
S		2582	F4	Z	65	210	53	200	
S		2640	F4	Z	65	210	30	200	
S		2703	PS 2		75	210			
S		2764	F4	Z	75	210	55	200	
S		2830	F4	Z	72	210	60	200	
S		2876	F4	Z	85	210	44	200	
S		2930	F4	Z	65	030	40	300	
S		2985	F4	Z	77	210	65	200	
S		3055	F4	Z	75	030	57	200	
S		3144	F4	Z	60	210	45	250	
S		3222	PS 2		72	210			
S		3285	F4	Z	66	210	50	200	
S		3344	PS 2		65	210			
S		3405	F4	Z	80	210	62	200	
S		3468	PS 2		85	210			
S		3557	PS 2		67	210			
S		3610	F4	Z	60	030	75	200	
S		3678	F4	Z	65	210	55	200	S_4 approaching dip of S_2 i.e. F4 tightening
S		3740	F4	Z	80	030	70	200	
S		3800	F4	Z	80	030	69	200	

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79F-03

Project: Anvil

Location: E-6

Claim: Faro 49

Terr. Plane Co-ords.: _____ N

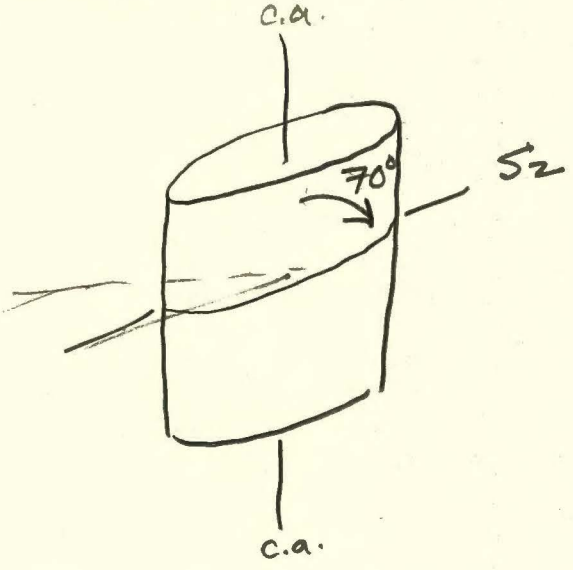
_____ E

Grid Co-ords.: L 112W ~~11+00S~~ 8+00N

_____

Elevation: _____

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 210.

Total Depth: 1597'

Purpose: Faro F1 Upper Limb

Logged by: JGS / DST Date(s) Logged: _____

Drilling Contractor: Artic

Core:	Size	From	To	Collar Cased and Capped:

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

DDH 79-F-03

Diamond Drill Core Log

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 40
T	79-F-03				

Code	Drillhole	Depth Feet	Zenith Angle	True Azimuth	Comments
	2 18	10 14	22 26	28 32	34 55
R	79-F-03	000	180.0	000	
R	79-F-03	1790	1740	0910	
R	79-F-03	3790	1670	0190	
R	79-F-03	5790	1590	0250	
R	79-F-03	7790	1520	0300	
R	79-F-03	9790	1475	0370	
R	79-F-03	11790	1470	0370	
R	79-F-03	13790	1475	0390	
R	79-F-03	15790	1485	0400	
R					
R					
R					
R					
R					
R					
R					

DDH 79-F-03 (Feet)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: JGS/BSJ

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	0 0	41 0	1	#	O/B
L	41 0	770	2	1D10	→ 1CD
L	770	1140	3	1D4	very musc.-rich atypical 104 i.c. xc marc/py
L	1141	1340	4	1D0	
L	1340	1665	5	1D4	→ 1D46, c.f. unit 3, ~~not typical~~ 104; has and ⇒ bio + musc clots
L	1665	1695	6	1D4	→ 1D48; lt. greenish buff, non-calc, wkly chloritic qtz-musc schist not at all ident. to 104 alt'n envelope; possible tuffaceous band ??
L	1695	2060	7	1D6	→ 1D64 very muscovitic & "clotted" w/ and. rimmed by bio
L	2060	2080	8	1H3	unit v. calc, thinly banded lt. green & dk brown c.f. 3D calc-silicates ⇒ 1D = Emm
L	2080	2310	9	1D6	as unit 7
L	2310	2600	10	1D0	
L	2600	2620	11	1D0	fault zone; upper contact 50°/210; lower contact indeterminate
L	2620	3115	12	1CD	typical brown bio-and clots & slightly gneissose texture 8 cm band 1H3 311.0
L	3115	3155	13	1CD	
L	3155	3170	14	1CD	fault zone; upper contact 70°/300; lower contact indeterminate
L	3170	3440	15	1CD	
L	3440	3540	16	1D4	→ 1CD48; as unit 6
L	3540	3545	17	1D4	gouge as unit 16
L	3545	3555	18	QQO	mass. bull qtz vein/pod
L	3555	3660	19	1CD	
L	3660	3775	20	1CD	
L	3775	3840	21	1CD	→ 1CD46; very muscovitic w/ dk. br. bio clots
L	3840	4475	22	1CD	normal 1CD
L	4475	4625	23	1CD	→ 1CD46; as unit 21 w/ and. porphs.
L	4625	6630	24	1CD	
L	6630	6690	25	1H0	3D8 like metabasic tuffaceous bands ⇒ 1CD = Emm
L	6690	6700	26	QEG	known, apliantic dyke
L	6700	6730	27	1D6	→ 1D64 v. muscovitic w/ sm. dk. greenish grey and. porphs
L	6730	6740	28	1H0	as unit 25 i.c. 3D8

DDH 79-F-03 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: _____

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1474 0	1706 5	28	1CD	→ 1CDG
L	1706 5	1729 0	29	1CD	→ 1CDO
L	1729 0	1737 0	30		
L	1737 0	1749 0	31	1CD	→ 1CDG
L	1749 0	1753 5	32	1CD	→ 1CDH
L	1753 5	1755 0	33	0F0	upper contact 45°/210 lower contact 45°/210
L	1755 0	1844 0	34	1CD	
L	1844 0	1854 0	35	1F0	unit non-calc., v. similar to 1HO all looks like 308 prominent pelitic & carbonaceous interbands strongly ⇒ tuffaceous origin
L	1854 0	1903 0	36	1C0	
L	1903 0	1913 0	37	1FC	→ 1HO w/ prom. carb. partings ⇒ tuffaceous origin
L	1913 0	1927 5	38	1C0	
L	1927 5	1934 0	39	1C4	alt^{d}. muscovitic
L	1934 0	1937 0	40	1C0	
L	1937 5	1950 0	41	1C4	as unit 39
L	1950 0	1977 0	42	1C6	gneissose banding gives way to bio clotting
L	1977 0	2015 0	43	1C6	+garnet & bio clotting
L	2015 0	2047 0	44	1C4	+garnet showing strong increase in musc w/ dec. in bio clot development
L	2047 0	2054 0	45	0C2	upper contact 10°/150± lower contact 40°/165°
L	2054 0	2151 0	46	1C0	
L	2151 0	2181 0	47	0E8	upper contact 75°/300 lower contact subhorizontal
L	2181 0	2202 0	48	1C0	strongly hornfelsed w/ obliti. of reg. fabric
L	2202 0	2207 0	49	0E8	very diffuse upper & lower contacts ⇒ signif. assimilation
L	2207 0	2246 0	50	1C0	hornfelsed c.f. unit 48
L	2246 0	2260 0	51	0Q0	zone of strong musc/kaolinite development & bleaching & silica "flooding" above lg. underlying diorite plug
L	2260 0	2264 0	52	1C0	hornfelsed as units 48 & 50
L	2264 0	2427 5	53	0E8	upper contact 50°/300
L	2427 5	2437 5	54	1C0	Screen in diorite
L	2437 5	2597 0	55	0E8	
					EOH

DDH 79-F-03 (2 / 8 Feet)

Cyprus Anvil Mining Corp.
Structural Log

Page _____ of _____

Logged By: JGS/DSJ

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		1500				45 210	Reconnaissance S2 data only
S		1800				42 210	F4 = Z from casual observation
S		10150				40 210	
S		13150				30 210	
S		16150				60 210	
S		19150				58 210	
S		22150				60 210	
S		25170				60 210	
S		28180				70 210	
S		31100				64 210	
S		31400				70 210	
S		31700				55 210	
S		40100				66 210	
S		43100				64 210	
S		46100				50 210	
S		49100				72 210	
S		51200				65 210	
S		55130				60 210	
S		58100				60 210	
S		61100				53 210	
S		61400				55 210	
S		67100				60 210	
S		70000				45 030	62 200
S		73000				70 210	
S		76100				55 210	
S		79100				80 210	
S		81110				70 210	
S		84100				68 210	
S		87100				71 210	
S		91000				70 210	
S		92170				62 210	
S		96100				80 210	
S		99100				74 210	
S		102100				70 210	
S		104150				77 210	
S		107170				56 030	

DDH 79-F-03 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Page _____ of _____

Logged By: JGS/RSJ

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		1105				74 030	75 200 S4
S		1140				54 210	
S		1232				50 210	