015979

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

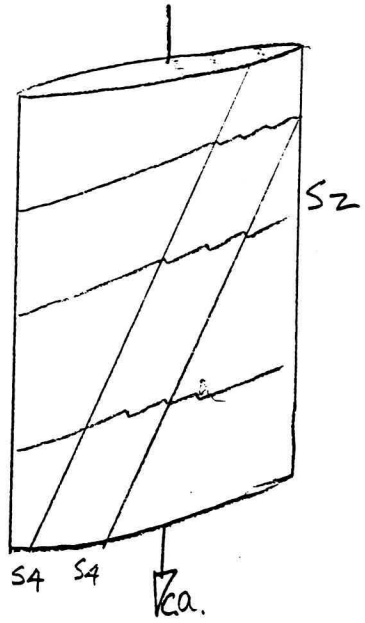
Grid Co-ords: 132+00 E, 9+00 N

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.	
	2 8	10 16	17 24	25 32	34 39	41 42	
T	FA84F09	4322.6	6594.60	14501.24	Feet	S2/S4	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	F	00	90	0.0	AT COLLAR
R	F	1010	.	.	SPERRY SUN SINGLE SHOT
R	F	3010	.	.	
R	F	5010	.	.	
R		6010	.	.	
R		7010	.	.	
R		8010	.	.	
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 FA84F09 (2 … 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: May 1, 1984 Logged By: RSI

Code	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
L	0.0	10.0		1	*	OB Triconed
L	10.0	33.0		2	3D28	3 strongly calcareous minor chlorite on S_2
L	33.0	44.0		3	3D73	
L	44.0	62.6		4	3D28	3 as unit 2
L	62.6	74.2		5	3D23	4 fractured, sheared weakly altered
L	74.2	84.7		6	3D2&	9 (3D6) minor biotitic zone at 76.1 (0.5')
						minor carbonaceous bands at 82.5 (0.9')
L	84.7	101.3		7	3D2&	83 mod-strongly calc. minor chlorite developed
						on S_2 in places as Unit 2 & 4
L	101.3	109.1		8	3D63	8 Interbanded biotite, calcite biotite → chlorite in
						places sheared calcite veined at lower contact.
L	109.1	116.5		9	3D2&	8
L	116.5	135.5		10	3D4	(3D63) Interbanded
L	135.5	148.0		11	3D2	
L	148.0	163.6		12	3D3	→ 3D2
L	163.6	183.7		13	3D23	(3B3) 3B3 @ 167' (2.3'), 169' (2'), 177.7' (1.5')
						182.6 (0.5')
L	183.7	198.0		14	3D08	(3C0) 3C0 from 190 → end weakly calc.
L	198.0	273.8		15	3D4	→ 3D63 Interbanded
L	273.8	283.5		16	3D6&	9 minor carbonaceous bands in places.
L	283.5	310.5		17	3D4	
L	310.5	324.9		18	3D4&	8
L	324.9	331.2		19	3D28	quite chloritic on S_2
L	331.2	348.0		20	3D4	
L	348.0	354.6		21	3D69	weakly calcareous. Thin carbonaceous bands
						up to 1' almost 1D2 appearing.
L	354.6	391.6		22	3D01	(3D4) Thinly laminated quartz bands in places
						minor 3D4 interbands.
L	391.6	394.1		23	0G0	
L	394.1	406.3		24	3D0	(3D4) 50:50 interbanded.
L	406.3	427.6		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	427.6	446.0		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.

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	4460	4667		27	1D10&6	
L	4667	4743		28	1D43	(OQ*) sheared weakly calc, weakly altered 1D with qtz-calc veinlets.
L	4743	4999		29	1D61	(OQ0, 1H3) narrow qtz veining throughout <2" 10% of unit. Narrow 1H biotitic w/ calc at 491.3' (1.2')
L	4999	5085		30	1D31	→ 3D4 biotitic, weakly calcareous appears in places like 3D4 with minor chlorite.
L	5085	5646		31	1D61	
L	5646	5774		32	1D10&2	(OQ0&9, 1D3) development of more carbonaceous zones throughout. <10% of unit narrow 1D3 bands OQ0&9 with minor py at. start 1.3', 568.1 (1.6') 571.6 (0.8') and (0.5')
L	5774	5950		33	1D01	
L	5950	6209		34	1D01	(OQ0) minor qtz veining throughout <10% of unit 0.8' OQ0 at start, 0.9' OQ0 with pink andalusite at end.
L	6209	6350		35	1D01	
L	6350	6395			1D12&9	v. minor py.
L	6395	6471		36	1D01	
L	6471	6553		37	1D12	(1E0) increasingly graphitic to end
L	6553	6808		38	1E01	(1D2) interbanded.
L	6808	6960		39	1D01&2	sheared at start minor C zones but lesser. 1D2 musc > biotite.
L	6960	7122		40	1C1D1	
L	7122	7383			1D01	(OQ*9) narrow calc veinlets with py developed in fractured zone over 8' in middle of unit.
L	7383	7471		41	1D41	→ 2L0 increasingly altered to end last 3' 2L0.
L	7471	7510		42	2D0,84	(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	7510	7539		43	2A13	
L	7539	7563		44	2D0,84	(2E4, 2Q0, 1H4) 2E4@ 754.2 (0.5'), 2Q0 just after next 0.4', 1H4 with fluorite last 0.2'
L	7563	7630		45	2D01	remobilised gn at 759 (2') forming narrow veinlets.
L	7630	7725		46	2A14	(2A0, 2D0) Interbanded 2A14, 2A0 70:30 2D0 at 764.6 (1') & 769.3 (0.7') poss. bleached 2A.

DDH FA84F09 (2 … 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: May 2/84 Logged By: ~~PST~~

Code	From	To	Recov.	No.	Unit	Description
1	10 … 14	16 … 20	22 … 24	26 … 28	30 … 34	35
L	7725	7868		47	1D4	(1E19) 1E19 mpy @ 773.7 (1.3') minor S_2 foliform py throughout 1D4 and developmt of garnets // S_2
L	7868	8140		48	1C08	(OQO) qtz veins throughout. 10-15% fine chlorite developed especially around qtz veins garnets well developed EOH.

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

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 crenulations until below ore zone.
S		1,140	P,S,Z				45 210	S_2
S		1,285	P,S,Z				55	↓
S		1,380	P,S,Z				70	
S		1,490	P,S,Z				70	
S		1,610	P,S,Z				65	
S		1,770	P,S,Z				80	
S		1,870	P,S,Z				75	
S		1,990	P,S,Z				80	
S		1,1,10	P,S,Z				70	
S		1,1,80	P,S,Z				65	
S		1,260	P,S,Z				60	
S		1,360	P,S,Z				70	
S		1,440	P,S,Z				70	
S		1,540	P,S,Z				65	
S		1,630	P,S,Z				35	represents zone 160 - 162
S		1,680	P,S,Z				55	
S		1,770	P,S,Z				35	represents zone to 182
S		1,840	P,S,Z				50	
S		1,930	P,S,Z				50	
S		2,010	P,S,Z				50	
S		2,070	P,S,Z				60	
S		2,170	P,S,Z				70	
S		2,270	P,S,Z				70	
S		2,360	P,S,Z				65	
S		2,450	P,S,Z				75	
S		2,550	P,S,Z				65	
S		2,670	P,S,Z				70	
S		2,900	P,S,Z				70	
S		3,070	P,S,Z				65	
S		3,270	P,S,Z				70	
S		3,370	P,S,Z				60	
S		3,620	P,S,Z				60	
S		3,870	P,S,Z				70	

DDH EA84F09 (2 … 8) Cyprus Anvil Mining Corp. Page 7 of 9

Structural Log Date: May 3/84 Logged By: ~~PBT~~

Code	From	To	Feature	Sym	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		4060	P S 2				70 210	S2
S		4240	P S 2				60	⇩
S		4260	P S 2				45	
S		4380	P S 2				55	
S		4480	P S 2				55	
S		4550	P S 2				65	
S		4720	P S 2				65	
S		4810	P S 2				80	
S		4930	P S 2				70	
S		5030	C S 4	D		65 270	60 220	S4 S1=S2
S		5180	P S 2				80 210	S2
S		5330	P S 2				70	⇩
S		5530	P S 2				70	
S		5750	P S 2				75	
S		5900	P S 2				70	
S		6040	P S 2				70 210	
S		6270	C S 4			80 305	30 220	S4 S1=S2
S		6350	P S 2				80 210	S2
S		6480	P S 2				75	⇩
S		6690	P S 2				75	
S		6800	P S 2				75	680.2 - 691.0 fault zone
S		6880	P S 2				45	
S		7020	P S 2				75	
S		7120	P S 2				60	
S		7260	P S 2				70	
S		7350	P S 2				75	
S		7460	P S 2				70	
S		7530	P S 2				80	
S		7570	P S 2				20	757 - 762 steep S2
S		7620	P S 2				70 210	
S		7720	C S 4	D		60 180	40 220	S4 S1=S2 strongly
S		7790	C S 4	Z		40 170	40	⇩ crenulated below ore
S		7850	C S 4	Z		30 170	30	
S		8016	C S 4	Z		60 170	40	
S		8100	C S 4	Z		40 180	25	

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

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Structural Log ~~DISCONTINUITY~~ Date: May 3/84 Logged By: ~~PBT~~

Code	From	To	Feature	E/F	~~S_0~~ Dip Direct.	~~S_1~~ Dip Direct.	~~S_2~~ Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	100	510	2,B					broken essentially 2-3" on S2
								and minor fractures
F		520					25 45	narrow fractures sim to above.
F	630	655	2,S,J		30 100		25 45	
F	660	742	2,S,X		15 110		25 00	Upper 2' brecciated Qz veined last 4" bx.
F	1017	1109	B,S,X				35 30	1st 2' broken, last 4' fractured veined shear &
								last 2" mixed bx
F		1408	1,S,V				20 00	
F	1557	1615	1,S,B		10 180		15 270	
F			1,S,V		40 90			S2 rotated to steep angle upper
								cut cobveined 2" lowercut bkn.
F		1901	2,G,X				50 180	4" zone.
F	1935	1980	2,X,G		30 90		99 99.9	also broken
F		2116	2,X,S		30 90			4"
F		2532	V,G,S				99 99.9	3"
F		2720	V,G,S		25 30			3"
F	3275	3320	2,J		15 200		25 90	Fractured zone weak shearing.
								Slicks on upper cut 70 toca / az 290 J wrt S2
F	3916	3941	V				40 100	
F		4195	1,S				25 330	25° to ca - poss following pre-
								D2 zone now healed.
F	4667	4710	3,G,X				20 000	Not too good measurement 000 below.
f		4745					25 135	2" shear
F	5646	5774	3,V					See Tim log most veins sub // S2
F	6480	6600	2,S,G		50 135			narrow zones 648-651.4, 654.6(0.5")
								649.7 (1') low cut bkn.
F	6801	6883	3,S,X		25 170			poor upper cut.
F	6883	6994	2,S,B				40 40	
F	7258	7320	1,S,V		35 170			
F		7468	3,G,X		99 99.9			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	2,S,V					5" sheared veined zone 25° to ca.
								// S2

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

DDH EA84FC9 (2 8) Cyprus Anvil Mining Corp

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Logged by

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
-	10 14	16 20	22 26	28 30	32 34	36 40	42
P	7471	7510	333712	39	38	2D08	4 (1H4)
P	7510	7539	333713	29	29	2A13	
P	7539	7563	333714	24	24	2D08	4 (2E4, 2Q0, 1H4)
P	7563	7596	333715	33	33	2D01	
P	7596	7630	333716	34	34	2D01	
P	7630	7677	333717	47	47	2A14	(2A0, 2D0
P	7677	7725	333718	48	48	2A14	(2A0, 2D0)

DDH 84F09 2 8 FEET

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	0	1,0	0	1	#	gaseous substance 80% O_2 20% N_2 tr Ar + CO_2
L	1,0	3,3		2		moderately hard predominantly blue green c.s. earth thin sperse prip. bio layers and mod abundant white calc. lamina → largely altered to light creme green locally dk green speckled, mineralogy (dk green spk = dk green epidote?) bio layers <5% original light lamina ≈ 20% now only 5-10% calcite bearing minor relict lithon texture - fading because of repl by cs minerals
L	3,3	4,3		3		similar to #2 but can see qtz calcite microlithons readily since less prime 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	4,3 S	6,2 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 most of which are replaced/altered to combination of creamy yellows dk green - much alt is fracture controlled as is the blue green colored mineralogy

Y
gc >10
bg >50
g <5

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
L	62	74		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 70' to 67' overall washout of original fracture controlled alteration. Probably originally 15% white lamina now 2/3 is gone to creamy yellow green and dk green minerals
L	74	89		6		hard to mid hard blue green dominant with patchy soft brownish bio layers cale gtz 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-gtz white original lamine of which only ≈ 1/3 now still is cale bearing - don't generally see microlithons in the light lamine but seem to be laminar bands probably due to total recrystallization of microlithons = characteristic of hole
L	89	93		7		blue green, homogenous, with sparse gtz-cale bands majority (≈50%) now yellow green epidote ± some dark green minerals - not good lithons but SD type irregular gtz cale veins ∴ this is SD
L	93	114		8		generally hard, blue green dominant with patchy preservation of bio as pulp patches and brownish pink bands to elongate remnant folded largely replaced pelitic bands - clots ?? 5-10% bio bands original cale gtz lamina largely replaced by light gn. c.s. with splotches of dk green.

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.
to = 116	114	116		9		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
to = 136.5	116	136		10		moderately hard to moderately soft with typical calc silicate banding - irregular wispy diffuse banding that is more patchy than laminar commonly dissent 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
		136				

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
1	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
L	1136	1157		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 bands % = 20% of which ≈ 2/3 is calc + qtz rock is moderately hard to hard.
L	1157	1160		12		blue green homogeneous hard SD equivalent with both calc qtz bands & yellow green epidote bands
L	1160	1814		13		medium to light med. blue green dominant, patchy devel of brownish bio in matrix – ~ 20% original calc + qtz lamina some with good micrlith 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	1948		14		blue green rubble & broken core – fault zone presumed similar to last unit.
						~~H~~
						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

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
L	1918	2858		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 A ~50% blue green ~50% bio bands - slightly bg dominant
						core soft to moderately soft
						original calcite bands poorly preserved ~10% of unit and calcite 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 cz so that it breaks into poker chips/plates.
L	2858	~~4428~~ 4066		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 calcite bands - only rarely microlithons preserved - blue green amphibole commonly as margins to & islands 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
						- minor homogeneous blue green (presumed metals?) esp 1' at ~335'
						This unit looks to GJ like the typical "mine calc silicate"

photo roll #3 frames #16 → #19

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	4016	4128		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 $11S_2$
L	4128	4395		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	4395	4446		19		Pale green to light purple pink phl ± bio phyllite locally with dk green andvl (?) 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 andvl clots one would swear this was soft calc-silicates. Has a few short sections of sl calc dk green metabasite.

DDH 84F09

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
						most 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.