

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 66-3

Fabric Orientation Diagram:

Project: Anvil

Location: Pt, Section 22

Claim: _____

No Structural Data

Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords.: 9,200.03 N

(Mine)

14,398.34 E

All symmetry determinations looking

_____ with _____ dipping

Elevation: 4100.45 3990.3'
(Mine) (MSL)

_____ with dip azimuth _____.

Total Depth: 744

Purpose: Development

Logged by: [Signature] Date(s) Logged: _____

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

Core	Size	From	To
<u>NQ</u>	<u>0</u>	<u>0</u>	<u>624</u>
<u>AX</u>	<u>624</u>	<u>624</u>	<u>744</u>

Started: _____ Completed: _____

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 66-17

Fabric Orientation Diagram:

Project: Anvil

Location: Open Pit, Section 22

Claim: _____

Terr. Plane
Co-ords.: _____ N

_____ E

Grid
Co-ords.: 10,801.74 N
(Mine)

12,800.82 E

No Structural Data

Elevation: 4359.89 4249.7
(mine) (MSL)

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

Total Depth: 114

Purpose: Development

Logged by: MAS Date(s) Logged: _____

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

NQ 0 414

Started: _____ Completed: _____

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 67-34

Fabric Orientation Diagram:

Project: Anvil

Location: Pit, Section 22

Claim: _____

No structural data

Terr. Plane
Co-ords.: _____ N

_____ E

Grid
Co-ords.: 10,704.54 N
(Mine)

12,904.00 E

All symmetry determinations looking

_____ with _____ dipping

Elevation: 4339.5 4229.3
(mine) (MSL)

_____ with dip azimuth _____.

Total Depth: 604

Purpose: Development

Logged by: MAS Date(s) Logged: _____

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

AQ 0 604

Started: _____ Completed: _____

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 66-25

Fabric Orientation Diagram:

Project: Anvil

Location: Pit, Section 22

Claim: _____

No Structural Data

Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords.: 10,601.28 N

(Mine)

13,000.27 E

All symmetry determinations looking

_____ with _____ dipping

_____ with dip azimuth _____.

Elevation: 4,321.21 4211.0
(Mine) (MSL)

Total Depth: 396'

Purpose: Development

Logged by: [Signature] Date(s) Logged: _____

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

NQ 0 396

Started: _____ Completed: _____

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 66-44

Fabric Orientation Diagram:

Project: Anvil

Location: Pit, Section 22

Claim: _____

No Structural Data

Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords.: 10,502.10 N

13,100.91 E

All symmetry determinations looking

_____ with _____ dipping

_____ with dip azimuth _____.

Elevation: 4,298.61 4188.4
(min) (MSL)

Total Depth: 600'

Purpose: Development

Logged by: MAS Date(s) Logged: _____

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

NQ 0 600

Started: _____ Completed: _____

Lithologic Log

Code	From	To	Unit	Code	Description
L	10 14	16 20	22 23	25 27	
L	100	1710	1	#	Overburden
L	1710	1810	2	1D0	→ 104 bio + weak Al ₂ SiO ₅
L	1810	2050	3	1D4	no bio or Al ₂ SiO ₅
L	2050	2065	4	2C0	interpolated from 1975 log
L	2065	2112	5	2E7	20% po / 80% py; 7% Pb+Zn
L	2112	2150	6	1D4	
L	2150	2493	7	2D0	→ 204
L	2493	2630	8	2F0	→ ^{2F4} non-banded or banded; 12-21% Pb+Zn
L	2630	2655	9	2C0	(frag. of 2F0C?) frags = 12%
L	2655	2680	10	0E9	
L	2680	3090	11	2F0	10-15% Pb+Zn
L	3090	3270	12	2H2	→ 2H24 7-22% Pb+Zn
L	3270	3320	13	0E9	
L	3320	3330	14	2C0	≤ 5% Pb+Zn
L	3330	3370	15	0E9	
L	3370	3540	16	2C0	≤ 5% Pb+Zn
L	3540	3570	17	0E9	
L	3570	3700	18	2F4	11-20% Pb+Zn
L	3700	3740	19	0E9	
L	3740	3805	20	2F4	≈ 20% Pb+Zn
L	3805	3870	21	2H2	→ 2H24; 14-22% Pb+Zn
L	3870	3890	22	0E9	
L	3890	3930	23	2F4	15-17% Pb+Zn
L	3930	4593	24	2H2	→ 2H24 7-29% Pb+Zn
L	4593	4660	25	2D0	total sulfides ≤ 15%; ≈ 6% Pb+Zn
L	4660	4693	26	2C0	< 3.5% Pb+Zn; uncp. banded
L	4693	4728	27	2H2	≈ 50% po; 10% Pb+Zn
L	4728	4740	28	2J8	mass. Fe ₃ O ₄
L	4740	4790	29	2C0	
L	4790	5290	30	1D4	
L	5290	5310	31	0Q0	
L	5310	5400	32	1D4	
L	5400	5415	33	0Q0	of 1D4 frags
L	5415	5590	34	1D1	many Qtz veins; w/ Al ₂ SiO ₅
L	5590	5600	35	1D1	fault zone - no orientation data
L	5600	5690	36	1D1	

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 66-15

Fabric Orientation Diagram:

Project: Anvil

Location: Pit, Section 22

Claim: _____

No Structural Data

Terr. Plane
Co-ords.: _____ N

_____ E

Grid
Co-ords.: 10,199.88 N
(Mine)

13,400.09 E

All symmetry determinations looking

_____ with _____ dipping

_____ with dip azimuth _____.

Elevation: 4,256.95 4147.0
(Mine) (MSL)

Total Depth: 463'

Purpose: Development

Logged by: [Signature] Date(s) Logged: _____

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

Core	Size	From	To
<u>NQ</u>	<u>0</u>	<u>0</u>	<u>463</u>
_____	_____	_____	_____
_____	_____	_____	_____

Started: _____ Completed: _____

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 65-5A

Fabric Orientation Diagram:

Project: Anvil

Location: Pit, Section 22

Claim: _____

No Structural Data

Terr. Plane
Co-ords.: _____ N

_____ E

Grid
Co-ords.: 9999.8 15
(Mine) 13,600.0 E

All symmetry determinations looking

_____ with _____ dipping

_____ with dip azimuth _____.

Elevation: 4235.1 4124.9
(Mine) (MSL)

Total Depth: 405.5

Purpose: Development

Logged by: MAS Date(s) Logged: _____

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

AXF 0 405.5

Started: _____ Completed: _____

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: Cole-8

Fabric Orientation Diagram:

Project: Anvil

Location: Pct, Section 22

Claim: _____

No Structural Data

Terr. Plane
Co-ords.: _____ N

_____ E

Grid
Co-ords.: 9,799.61 N
(Min) _____
13,798.75 E

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

Elevation: 4189.49 4079.3
(Min) (MSL)

Total Depth: 1382

Purpose: Development

Logged by: MAS Date(s) Logged: _____

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

Started: _____ Completed: _____

Lithologic Log

Code	From	To	Unit	Code	Description	
1	10 14 16 20 22 23 25 27					
L	100	1860	1	#	Overburden	
L	1860	1040	2	1D10	much > bio, minor gas	
L	1040	1200	3	1D10	→ 10D, weak H ₂ SiO ₅	
L	1200	1340	4	1D14		
L	1340	2320	5	1D10	→ 104	
L	2320	2650	6	1D14		
L	2650	2675	7	1E1	No base metals ∴ not 2A0	
L	2675	2720	8	2D10	→ 2CA weakly carb. in part 1-5% total sulfides << 1% Pb+Zn	
L	2720	2850	9	2C10	<< 1% Pb+Zn	
L	2850	2905	10	2F6	< 10% banded 10% Pb+Zn	
L	2905	2945	11	2F10	10% Pb+Zn	
L	2945	2965	12	2D10	8 " " "	
L	2965	2975	13	2H2	7% Pb+Zn	
L	2975	3000	14	2D10		
L	3000	3150	15	2F6	→ 2F68	
L	3150	3250	16	2F8	} 10-14% Pb+Zn	
L	3250	3270	17	2F8		→ 2F86
L	3270	3300	18	2H2	→ 2H3 10% Pb+Zn	
L	3300	3370	19	2F6	} weakly banded 10-12% Pb+Zn	
L	3370	3470	20	2F6		→ 2F68
L	3470	3485	21	2F6		
L	3485	3495	22	2F6		→ 2F68
L	3495	3540	23	2F6		
L	3540	3650	24	2F10	9-12% Pb+Zn	
L	3650	3700	25	2F6	non Fe ₃ O ₄ bearing	
L	3700	3740	26	2F8	5.5% Pb+Zn	
L	3740	3800	27	2F6	→ 2F68	
L	3800	3830	28	2F6	} ≈ 12% Pb+Zn	
L	3830	3870	29	2F6		→ 2F68
L	3870	4240	30	2E0	→ 2F0 2-10.5% Pb+Zn	
L	4240	4280	31	2F6	weakly banded 9% Pb+Zn	
L	4280	4310	32	2E10	→ 2F0	
L	4310	4345	33	2E8	→ 2F8	} 3.5-11% Pb+Zn
L	4345	4980	34	2E0	→ 2F0	
L	4980	5000	35	1D1	siliceous WME	
L	5000	5150	36	2F0	→ 2F4 15-19% Pb+Zn; non BaSO ₄ /Fe ₃ O ₄ /banded	

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 66-2

Fabric Orientation Diagram:

Project: Anvil

Location: Pit, Section 22

No Structural Data

Claim: _____

Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords.: 9,599.70 N

(Mine)

13,999.88 E

All symmetry determinations looking

_____ with _____ dipping

_____ with dip azimuth _____.

Elevation: 4,136.93 4026.7
(Mine) (MSL)

Total Depth: 581

Purpose: Development

Logged by: [Signature] Date(s) Logged: _____

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

_____	_____	_____
_____	_____	_____
_____	_____	_____

Started: _____ Completed: _____

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 66-33

Fabric Orientation Diagram:

Project: Anvil

Location: Pit, Section 22

No structural data

Claim: _____

Terr. Plane
Co-ords.: _____ N

_____ E

Grid
Co-ords.: 9,399.31 N
(Mine)

14,197.27 E

All symmetry determinations looking

_____ with _____ dipping

_____ with dip azimuth _____.

Elevation: 4,078.63 3968.4
(Mine) (MSL)

Total Depth: 461.5

Purpose: Development

Logged by: [Signature] Date(s) Logged: _____

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

NQ 0 461.5

Started: _____ Completed: _____

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 66-E9

Fabric Orientation Diagram:

Project: Anvil

Location: Pit, Section 22

Claim: _____

No structural data

Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords.: 7,943.0 N
(mine)

15,592.0 E

All symmetry determinations looking

_____ with _____ dipping

Elevation: 4,037

_____ with dip azimuth _____.

Total Depth: 546.5

Purpose: Development

Logged by: JAS/MAS Date(s) Logged: _____

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

_____	_____	_____
_____	_____	_____
_____	_____	_____

Started: 12-22-66 Completed: 1-5-67

Lithologic Log
(CORE HORIZONS)

Logged By: MAS/188A

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	2,016		2,055		2		1,C,E	Gauged, broken and rubble core
L	2,055		2,090		3		1,C,0	
L	2,090		2,300		4		1,C,4	White Mica Envelope
L	2,300		2,340		5		2,A,0	Base metal deficient
L	2,340		2,385		6		2,D,4	
L	2,385		2,460		7		1,C,4	@238-239: heavy monazite / fuscite development, WME
L	2,460		2,510		8		1,C,2	very siliceous, variable sulfide, wholly aluminous
L	2,510		2,575		9		1,C,4	WME
L	2,575		2,615		10		1,C,4	variably siliceous, epibole bearing, sulfidic, generally sphalerite rich, non-magnetic, non-calcareous, sulfide veined and insip. brecciated, variably altered. we don't know what it is altered to? melabasilite? intrusive?; variably muscovitic
L	2,615		2,684		11		1,C,4	WME
L	2,684		2,774		12		1,C,4	as unit 10 horizon
L	2,774		2,850		13		1,C,4	
L	2,850		3,120		14		2,E,0	→ 2E4; w/ 2E32 @296'
L	3,120		3,190		15		2,E,8	
L	3,190		3,280		16		2,E,4	
L	3,280		3,290		17		2,E,0	w/ OQO veins and ICt frags; core badly broken
L	3,290		3,560		18		2,E,4	w/ several 2-3" bands of 2F0
L	3,560		3,595		19		2,E,1	Silica blob, minor 2E14
L	3,595		3,630		20		2,E,0	
L	3,630		3,645		21		2,E,1	Silica blob
L	3,645		3,670		22		2,E,0	
L	3,670		3,755		23		2,E,1	Silica blob
L	3,755		3,760		24		2,E,4	→ 2F41
L	3,760		3,870		25		2,E,1	Silica blob; 386-387: brecciated
L	3,870		3,880		26		2,E,0	
L	3,880		4,020		27		2,E,1	Silica blob
L	4,020		4,050		28		2,E,8	mag 2-5%; brown oriented porphy
L	4,050		4,100		29		2,E,1	Silica blob
L	4,100		4,130		30		2,E,0	→ 2F4
L	4,130		4,150		21		2,E,1	Silica blob
L	4,150		4,165		22		2,E,8	→ 2E84
L	4,165		4,270		23		2,E,1	→ 2E11 w/ broken core, py = 20-30%

