CYPRUS ANVIL MINING CORPORATION

001940

DIAMOND DRILL CORE LOG

Hole Number: 77-1

Project: Pit Drilling

Location: Zone 3 (Sections

Claim:

Terr. Plane Co-ords.: _____ N

_____ E

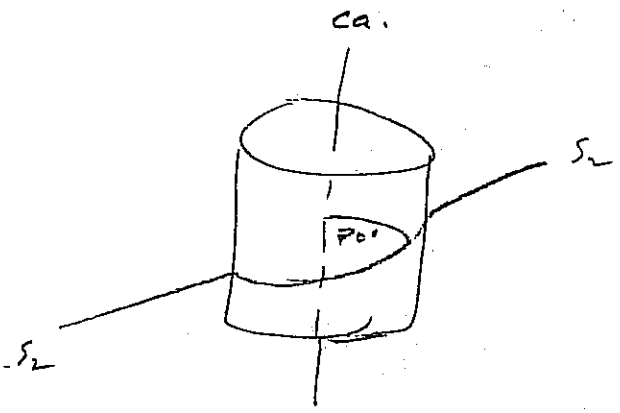
Grid Co-ords.: 8573.27 N

15,213.79

Elevation: 4147.39 (mine) 4037.15 (MSL)

Total Depth: 729'

Fabric Orientation Diagram:



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

Purpose: Mine Development

Logged by: J.W. MUSTARD Date(s) Logged: Aug /77

Drilling Contractor: CANRON

Core:

Size	From	To
BQ	0	EOH

Collar Cased and Capped: N/A

Started: May 7/77 Completed: May 15/77

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 717-1

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	717-1	4147.39	8573.27	15213.79	

Code	Drillhole	Depth		Zenith Angle		True Azimuth		Comments
	2 8	10	14	22	26	28	32	34 56
R	717-1	0	0	180.0		100.0		ATCOLLAR
R	717-1	193	0	178.0		078.0		
R	717-1	393	0	176.2		328.0		
R	717-1	593	0	176.2		353.0		
R	717-1	696	6	180.6		000.0		
R				.		.		
R				.		.		
R				.		.		
R				.		.		
R				.		.		
R				.		.		
R				.		.		
R				.		.		
R				.		.		
R				.		.		
R				.		.		

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

DDH 77-1 (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: J. W.M.

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	0 10 0	10 0	11		Overburden
L	10 0	19 0	12	3D3	fractured weathered
L	19 0	218 0	13	3D2	± 15% marble as discrete bands
L	218 0	312 0	14	3D1	
L	312 0	318 0	15	3D2	
L	318 0	412 5	16	3D1	fracture @ 39.9
L	412 5	419 6	17	3D2	3335 increasing amount of marble, fractured
					@ 42.5
L	419 6	419 0	18	3D0	Gouge zone variably calcareous, chloritic
L	419 0	918 0	19	3D2	1" marble band @ 58.2
					3TD → 3356
					fractured @ 72.5' — 74'
					81.5' — 93'
					gouge zone from 82-83'
L	918 0	10085	110	3D1	6 +306 minor marble lenses - typical
L	10085	1130 5	111	3DV	-3012 - fractured throughout.
					hematitic bands standing in abundance
					at 124.5'
L	1310 5	1417 0	112	3DV	→3D2 fractured @
L	1417	1505 5	113	3DV	
L	1505 5	1817 0	114	3D2	→309 → transition zone with ic?
					hematitic fracture horizons at
					160 - 160.5
					160.8 - 161.0
					163 - 164
					165.4 166.0
					fractured zones @
					152 - 153.5
					163 - 164
					165.4 - 166.0
L	1817 0	1912 0	115	3D2	good marble bands.
L	1912 0	2120	116	3D1	→ 303 fractured @ 192.3 - hematitic
					193 - hematitic
					197-201
					hematitic bands @ 212'
					213.5'

DDH 77-1

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: [illegible]

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	1212.0	1212.2	17	3D17	
L	1212.0	1213.6	18	3D1	← 311
L	1213.6	1213.0	19	3D12	- andalusite? bearing
L	1213.0	1214.5	210	3D11	foliated throughout - sericitic, py + gal @ 236.5
					assoc. w/ breccia zone
					meta breccia zone @ 238.8 (.5')
					243' - 244
L	1214.5	1219.0	211	3C10	
L	1219.0	1218.0	212	3D11	foliated - hematitic bands assoc. w/ breccia zone
L	1218.0	1251.3	213	3C10	
L	1251.8	1216.0	214	3D11	foliated - hematitic bands assoc. w/ breccia zone
L	1216.0	1216.3	215	3D16	
L	1216.3	1216.0	216	3D11	foliated
L	1216.0	1217.6	217	3D17	
L	1217.6	1219.0	218	3D12	.5D21 foliated throughout except
					285—
L	1219.0	1215.5	219	0000	9½ band.
L	1219.3	1317.0	310	3A10	Z breccia zone @ 294.3— 294.8
					295.6 296.9 ± hematite.
					298.0 - 300.9 ± "
					303.7 - 305.4 ± hematite.
					305.6 - 306.2
					309.4 - 309.7 ± hematite.
					313 - 313.6 ± hematite.
					315 - 317 ± hematite.
L	1317.0	1312.5	311	3A10	foliated - hematitic gouge zone 317.3 - 318
L	1312.5	1313.0	312	3A10	gouge zone - fault? - calcareous.
L	1313.0	1317.2	313	3A10	partially foliated - increasingly blocky
L	1317.2	1317.3	314	3A10	contact zone ± 3A0 + 0½ Mang. 10C
L	1317.3	1410.3	315	0C10	0½ mang — feld mnr. comp. change.
					- very blocky core.
L	1410.3	1417.8	316	3A10	? broken core
L	1417.8	1413.5	317	3A10	- very unusual section - no chert. 30% py + Cpy
					leaning - possibly close to intrusive contact.
L	1413.5	1416.0	318	3A0	Graphitic horizon @ 449'
L	1416.0	1417.0	319	2A10	very little sulphides. — NSA split

DDH 77-1 (2 . . . 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: J.M.M.

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	19710 5	151019 0	410	3A10	
L	151019 0	151411 0	411	3A10	(ICO) . transition
L	151411 0	151413 0	412	1D14	-
L	151413 0	151415 0	413	1D10	-
L	151415 0	151517 0	414	0F10	-- Qtz. -Feld Porp
L	151517 0	151617	415	1D14	- Fault (sp)
L	151617	151618 0	416	2C12	
L	151618 0	151717 5	417	2K14	
L	151717 5	151816 0	418	3E10	- Massive, sandy -5' core.
L	151816 0	161017 0	419	2E11	- 2' of core for this sectio
					extremely poor recovery.
L	161017 0	161180	510	2C13	
L	161180	161626 5	511	2E11	- Very little base metal recognizable.
L	161626 5	161727 5	512	2E18	
L	161727 5	161920	513	2E11	
L	161920	163110	514	2E18	- 2E84
L	163110	163325	515	2E11	base metal poor
L	163325	163410	516	2310	- 30/1 Qtz Band.
L	163410	163625	517	2E11	
L	163625	163710	518	2612	
L	163710	163725	519	2E11	
L	163725	163822	610	1D14	
L	163822	164497	611	2E11	→3E7
L	164497	164594	612	2E18	
L	164594	164722	613	2F18	
L	164722	165108	614	2E18	
L	165108	165184	615	2C12	3
L	165184	166000	616	2E18	
L	166000	166120	617	2E11	→2F0 "1" @ 660.5
L	166120	166120	618	2E18	
L	166120	167500	619	2E11	- 8
L	167500	167700	710	2F12	
L	167700	168406	711	2F10	
L	168406	168505	712	2E11	
L	168505	170455	713	1D14	carbonaceous
L	170455	171016 5	714	1E10	

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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	1701.5	1711.0	715	1D14	
L	1714.0	1720.0	716	1CD	musc ser

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Cyprus Anvil Mining Corp.
Structural Log

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Logged By: J.W.M.

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description	Footage Recd. Blocks
	10 14	16 20	22 24	26	28 32	34 38		
S		116 0	BXA					
S		121 0	PSR			60° 210		21 5'
S		123 0	PSR			60° 210		26 5'
S		135 0	CS4			60 210	S_4 = 25°/210	32 4'
S		135 0	PSR			15 210		35 0.8
S		135 0	PSR			70 210		42 6'
S	140	199	W				Gouge material.	48.5 6'
S		157 0	PSR			60 210		52 5'
S		163 0	BXA					57 5'
S		165 0	PSR			40 210		62.5 5'
S		182 0	BXA				brecciated 81.5-93	66.5 5'
S		197 0	PSR			60 210		71.5 5'
S		1017 0	PSR			75 210		76.5 5'
S		1110 0	BXA				109-130 BAX	81.5 0.5
S		1120 0	BXA					82 5'
S		1133 0	PSR			60 210		87 5'
S		1143 0	BXA					92 5'
S		1152 0	BXA					97 5'
S		1155 0	PSR			50 210		102 5'
S		1163 0	BXA					107 5'
S		1172 0	PSR			70 210		112 5'
S		1182 0	BXA					116.8 4.5
S		1185 0	ILS					121.5 5'
S		1197 0	PSR			40 210		126.5 5'
S		1917 0	BXA			41		132 5'
S		2017 0	PSR			41 210		137 5'
S		2117 0	BXA					142 5'
S		2223 0	PSR			70° 210		147 4.4
S		2342 0	BXA				cal. breccia	152 5'
S		2417 0	BXA				zones seen in	157 5'
S		2557 0	BXA				closer sections.	162 5'
S		2622 0	PSR			65° 210		167 5'
S		2665 0	BXA					177 10
S		2717 0	BXA					182 5'
S		2816 0	PSR			65° 210		192 10
								197 5'
								207 10
								217 10
								227 10
								237 10
								247 10
								267 10
								277 10
								287 10
								297 10
								307 10
								317 10

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Cyprus Anvil Mining Corp.

Structural Log

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Logged By: [illegible]

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		12977	1 L S				- small breccia zone @ 294.5
S		12995	B X A				Footage B1K Rec.
S		13016	P S R			60 21 10	
S		13116	B X A				317 5'
S	31772	13118	W				323 330 5' upper contact 160/50°
S		13118	B X A				337 1.9
S		13125	B X A				Broken core from 330-339
S		13145	P S R			30 21 10	337 1.6
S		13151	1 L S				339 Broken core 346 7
S		13516	B X A				351 5
S		13625	P S R			60 21 10	355 3.6
S		13655	B X A				362 2.2 Broken core
S		13675	1 L S				370 4.5
S		14129	1 L S				371.5 1.1 Broken core
							377 3.8 very poor recovery
							397 1.0 367-429
							403 4.5 Blocky Core - ZLS
S		14370	1 L S			15 21 10	917 5' - possibly a Z region
							423 10' Very difficult to int.
							437 9' mineralization - massive
S		14491	Q S R			40 21 10	445 4.5 449.5 0.5
S		14715	1 L S				459. breccia in place
S		14516	1 L S				469 6' breccia in place - 475 6'
							mostly broken core, 479 4'
							steeply dipping foliation 481 0-3'
							// to CA @ 45° 497 2'
S		14580	P S R			70 21 10	502 3'
S		14699	1 L S				507 5'
S		14782	P S R			65° 21 10	- good S1 fol'n 512 5'
		15082	1 L S			80 21 10	- S2 // CA in place 523 10'
							492' 531 4'
							- broken core.
P		15013	P S R	Z		45° 21 10	S_4 = 25°/230°
S		15015	F4	Z		50 21 10	S_4 = 20/210
S		15018	F4	Z		65 21 10	25/210.
S		15085	P S R			20 21 10	Ground Core 508 - 532
S		15233	F4	Z		50 21 10	S_4 = 20°/210

DDH 77-1

Cyprus Anvil Mining Corp.
Structural Log

Page ___ of ___

Logged By: J.W.M.

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		513.4 0	IFG	S		40 210	S_4 60/210
S		513.4 5	PSR			35 210	Good S_1
S		514.1 0	IFG	Z		310 210	S_4 20/210
S		516.10 0	PSR			315 210	
S		516.4 0	PSR			70 210	
S		517.1 0	PSR			65 210	Sulfide
S		517.6 0	PSR			30 210	
S		610.8 0	IFG	Z		110 210	S_4 30/210
S		611.2 0	PSR			60 210	Sulfides in S_4 ??
S		611.3 0	IFG				S_4 = 35/210
S		611.7 0	PSR			15 210	
S		611.8 0	PSR			50 210	
S		612.9 0	PSR			510 210	
S		613.3 0	PSR			610 210	
S		613.8 0	PSR			615 210	
S		614.3 0	PSR			60 210	
S		615.9 0	PSR			610 210	
S		615.6 5	PSR			70 210	broken core
S		618.5 0	IGS				
S		619.0 0	IFG	Z		410 210	S_4 CS4 $S_4 \approx S_2$ 20/210
S		619.1 0	CSA	Z		315 210	
S		708.0 0	IGS	Z			- Ground Core.
S		709.0 0	IFG	Z		410 210	S_4 = 30/210
S		711.9 0	IFG	Z		610 210	= 30/210

531 10'
541 3.5
544.5 5'
550 6.5
556.5 6'
562.5 14'
579.0 3'
586 0.2'
597 0.3
601 0.3
604 0.1
607 10
617 9.5
626.5 4
628.5 6'
633.5 4'
637.0 10
647 8'
655 3.5'
658.5 2.5
661 2.5
663.5 3.5
667 2.0
669 9.0
673 2.0
675 3.6
685 2.0
690 6'
697 1.9
707 4.0
711 7.0
718 2.0
725

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Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Logged By: I.N.M

Sampled By: R.E.P

Code	From		To		Sample No.	Description
1	10	14	16	20	22	27	
F	151618		151713		191101	Width Rec
P	151718		151818		191402	
P	151818		158600		191403	Ground Core.
P	158600		159700		191404	Ground Core.
P	159700		160100		191405	" "
P	160100		160700		191406	" "
P	160700		161200		191407	
P	161200		161700		191408	
P	161700		162200		191409	
F	162200		162700		191410	
P	162700		163200		191411	
P	163200		163700		191412	
P	163700		164200		191413	
P	164200		164700		191414	
P	164700		165200		191415	
P	165200		165700		191416	
P	165700		166200		191417	
P	166200		166700		191418	
P	166700		167200		191419	
P	167200		167500		191420	
P	167500		168500		191421	Ground Core.
P	168500		169100		191422	5 2.3
P	169100		169300		191423	3 1.0

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77-2

Project: Pit Drilling

Location: ZONE 3

Claim: _____

Terr. Plane Co-ords.: _____ N

_____ E

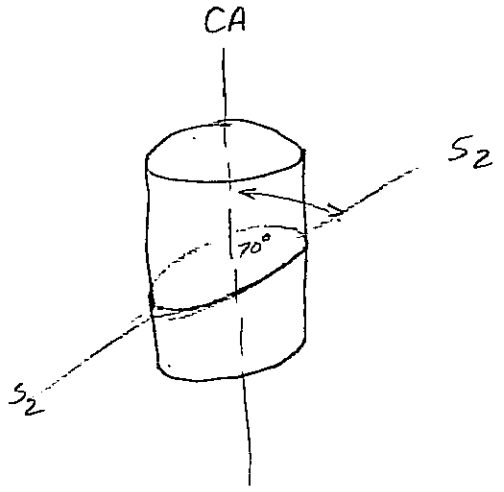
Grid Co-ords.: 8468.88 N

15,315.30 E

Elevation: 4140.86

Total Depth: 732'

Fabric Orientation Diagram:



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

Purpose: MINE DEVELOPMENT

Logged by: J.W.M. Date(s) Logged: Aug/77

Drilling Contractor: CARON

Core:

Size	From	To
NQ	0	EOH

Collar Cased and Capped: No

Started: MAY 15/77 Completed: MAY 20/77

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 77-2

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	77-2	4149.86	8468.88	15315.30	

Code	Drillhole	Depth		Zenith Angle		True Azimuth	Comments
	2 8	10	14	22	26	28 32	34 56
R	77-2	0	0	180.0		000.0	AT COLLAR
R	77-2	206	0	177.7		033.0	
R	77-2	406	0	177.5		033.0	
R	77-2	606	0	177.7		033.0	
R	77-2	716	0	176.2		033.6	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	

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

DDH 77-2

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: IWM

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1 1 1 4 0	1 1 4 7 4	1	3 D 1 4	14' overburden
L	1 1 4 7 4	1 1 5 1 6	2	3 D 1 2	
L	1 1 5 1 6	1 1 6 3 6	3	3 D 1 7	
L	1 1 6 3 6	1 1 6 4 0	4	3 D 1 2	
L	1 1 6 4 0	1 1 6 5 5	5	3 D 1 4	
L	1 1 6 5 5	1 1 6 7 0	6	3 D 1 5	
L	1 1 6 7 0	1 1 7 6 0	7	3 D 1 1	4
L	1 1 7 6 0	1 1 8 1 0 7	8	3 D 1 2	
L	1 1 8 1 0 7	1 1 8 1 8 1	9	3 D 1 4	
L	1 1 8 8 1	1 2 1 0 3 0	10	3 B 1 1	- calcareous throughout. minor bands graphitic.
L	1 2 1 0 3 0	1 2 1 3 2 0	11	3 D 1 1	4
L	1 2 1 3 2 0	1 2 1 3 4 7	12	3 C 1 0	
L	1 2 1 3 4 7	1 2 1 4 5 8	13	3 D 1 1	4
L	1 2 1 4 5 8	1 2 1 4 7 0	14	3 D 1 7	
L	1 2 1 4 7 0	1 2 1 4 8 6	15	3 D 1 1	
L	1 2 1 4 8 6	1 2 1 5 1 8	16	3 D 1 2	
L	1 2 1 5 1 8	1 2 2 0 0 7	17	3 D 1 4	8
L	1 2 2 0 1 0 7	1 2 2 0 1 5	18	3 D 1 2	
L	1 2 2 0 1 1 5	1 2 2 1 1 0	19	3 D 1 4	
L	1 2 2 1 1 0	1 2 2 2 2 7	20	3 C 1 0	
L	1 2 2 2 2 7	1 2 2 2 5 8	21	3 D 1 4	
L	1 2 2 2 5 8	1 2 2 3 1 0 0	22	3 B 1 0	
L	1 2 2 3 1 0 0	1 2 2 3 1 5 6	23	3 D 1 4	
L	1 2 2 3 1 5 6	1 2 2 3 1 9 0	24	3 D 1 2	
L	1 2 2 3 6 0	1 2 2 7 1 3 7	25	3 D 1 4	
L	1 2 2 7 1 3 7	1 2 2 7 1 5 7	26	3 C 1 0	
L	1 2 2 7 1 5 7	1 2 2 9 1 0	27	3 D 1 4	
L	1 2 2 9 1 0	1 2 3 1 0 1 5 0	28	3 D 1 7	
L	1 2 3 1 0 1 5 0	1 2 3 1 6 1 2 0	29	3 D 1 4	
L	1 2 3 1 0 1 9 0	1 2 3 1 1 2 5	30	3 D 1 7	
L	1 2 3 1 1 2 5	1 2 3 1 1 7 0	31	3 D 1 0	- calc. sauce
L	1 2 3 1 1 7 6	1 2 3 1 2 1 2 4	32	3 D 1 8	
L	1 2 3 2 2 4	1 2 3 3 7 4	33	3 D 1 1	4
L	1 2 3 3 7 4	1 2 3 4 0 0	34	0 E 1 8	
L	1 2 3 4 1 0 0	1 2 3 9 1 0	35	3 D 1 1	4
L	1 2 3 9 1 0	1 2 3 9 9 0	36	3 A 1 0	

DDH 2 [illegible] 8

Lithologic Log

Logged By: J.W.M.

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	13990	14019 0	37	3A7	
L	A1090	14214 0	38	3AD	- ? ground core - chloritic, [illegible]
L	14214 0	14433 0	39	1C1D	
L	14433 0	14665	410	0B8	
L	14665	14718 0	411	1C1D	EOH.
					CONTINUED NEXT PAGE

DDH 77-2 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: J.W.M

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	149618.0	149740	412	1DA	- graphitic bands, brecciated
L	149740	149760	413	2GR	- sharp contact @ overlying 1DA 70°/210
L	149760	149780	414	2E14	Sandy py.
L	149780	149790	415	1D4	non pyritic
L	149790	149807	416	2E11	
L	149807	149840	417	2G14	→ 2624
L	149840	149880	418	2E11	→ 2E16 - sandy py.
L	149818.0	149818.8	419	2G12	4
L	149818.8	149103	510	2E14	
L	149103	149133	511	2G14	2
L	149133	149176	5R	2E11	
L	149176	149184	513	2G14	
L	149184	149995	514	2E14	
L	149995	150130	515	2G11	→ 2641
L	150130	150500	516	2C10	
L	150150	151105	517	2F10	2
L	151105	151138	518	2C10	
L	151138	151150	519	2F02	2
L	151150	151264	610	2EA	- bull qtz 524-526.4
L	151264	153111	61	2E14	
L	153111	153120	612	2F12	
L	153120	153150	613	2E14	- bands of 2F0 1-2" thick.
L	153150	153190	614	2E14	- " " "
L	153190	154300	615	2E12	E " " " sandy py.
L	154300	154139	616	2B10	- 1-2% fuchsite. - NO sulphides
L	154139	154833	617	2C10	
L	154833	155100	618	2E14	
L	155100	155200	619	2E16	
L	155120	155168	710	2E12	- sandy pyrite.
L	155168	155833	711	2F12	
L	155833	156101	712	2C10	
L	156101	156111	713	2FP2	
L	156111	156300	714	2H9	- fatiary pyrite. - massive pyr DO.
L					

DDH 11-C-8

Lithologic Log

Logged By: J.W.M.

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
	151630	151700	75	2C8	Dy ≥ 30%, base metal poor
					magnetite occurs in zones 5-8%
L	151700	151820	76	2F10	Dy ≥ 5-8%, base metal poor
					bonded.
L	151820	151855	77	2E11	8 base metal poor, bonded
					magnetite on zones, qtz ≥ 15%
L	151855	161005	78	2C18	0 - Dy ≥ 30-40% in zones 1-3"
					wide, magnetite occurs discretely
					in these zones as well. up to
					5%
L	161005	161255	79	2E11	- 80% Dy, zone of 2Fo 1" wide
					base metals ≥ 5%?
L	161255	161053	80	2C10	- trace of magnetite at top of interval,
L	161053	161070	81	2E11	base metal poor -
L	161070	161185	82	2C10	- base metal poor 15-25% Dy,
					locally lighter.
	161185	161205	83	2F10	- siliceous interbands
L	161205	161330	84	2C10	- Dy → 30% base metal poor
					0.5' 5% magnetite @ 631'
L	161330	161655	85	2E11	"Sandy" Dy = 85%, base metal
					poor
L	161655	161995	86	2C10	
L	161995	162580	87	2E11	8- : 4% total base metals
L	162580	162550	88	2E10	8- - 5-7% " " "
L	162550	162585	89	2F10	
L	162585	163100	90	2D10	- zones of 2Fo in massive
					to bonded qtzite. base metals ≥ 8%
L	163100	163175	91	2F10	- 1 to 2" bands massive, sandy
	~~163140~~	~~163175~~		2	pyrite, base metal poor
L	163175	163230	92	2D10	- well bonded, 10% base metals
					10-15% pyrite.
L	163230	163870	93	2F11	Dy qtz ≥ 10-15%, brecciated fragments.
	163870	163890	94	2H8	- chalco ≥ 5%, mag. ≥ 2-4%
L	163890	163910	95	2F11	
L	163907	170005	96	2C0	- massive qtzite, base metal poor
					Dy ≥ 30%

DDH 77-2

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: J.W.M.

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	17005	17016.5	97	1DA	- very diffuse 104.
L	17016.5	17320	98	1CD	
		17614			

DDH 77-2 Cyprus Anvil Mining Corp.

Structural Log

Page ___ of ___

Logged By: I W M.

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Ft. Block	Rec	Description
S	1311	P S 12			70	21 10	15	2'	
S	1512	P S 12			015	21 10	17 22	5'	
S	1514	P S 12			015	21 10	27 32	5 5'	
S	1514	P S 12			15	21 10	42 52	10 10	
S	1610	P S 12			610	21 10	62 82	10 20	
S	1612	P S 12			0	21 10	92 102	9.8 10	// Core axis
S	1609	P S 12			SP	21 10	112	10	
S	1888	P S 12			310	21 10	122	10	
S	1/101	P S 12			70	21 P	127	5 10	
S	1/117	B A X					137 147	10	variably brecciated from 14'
							167	10	to 117'. structural meas. taken
							177	10 10	from these areas which
							187 197	10	are not brecciated
S	1/124	B X A					207	10 10	
S	1137	P S 12			SP	21 10	217	4	
S	1/164	P S 12			70	21 10	221 230	9 9	brecciated throughout
							239 247	8	117' - 164
S	1237	B A X					257	10 8.5	brecciated throughout
S	1216	P S 12			70	21 P	265.5	7.0'	brecciated throughout
S	3116	B X A					272.5 282.5	9.6	brecciated throughout
							291.0	8.5 6.0	
S	3E17	B X A					297 307	10'	
S	3010	P S 12			SE	21 10	315	7.3	
S	4/109	1 E	S		45	21 P	320	5 1'	FI Bloc Rec
							327 337	10'	433
							345	8 10	436 2.6
							355 360	4.7	443 3.7
							381	21 10'	445.5 2.5
							391	4.3	448.5 2.8
							397 399	2.0	453 5.0
							401 403	1.6 1.3	458 5.0
							407	4.0	462 4.0
							409	1.3 2.3	467 5.0
							417	2.2	
							4195 474	3.3	
							433	2.3	

DDH 77-2 (2 8)

Cyprus Anvil Mining Corp.
Structural Log

Page ____ of ____

Logged By: J.W.M.

Code	From (10–14)	To (16–20)		Feature (22–24)	Sym (26)	S_1 Dip Direct. (28–32)	S_2 Dip Direct. (34–38)	Description	Ft. Bloc	Tcc
S		473	0	BXA				Coarse breccia	473	10
S		482	0	F-S2			410 215	Summary 484-488	483	5
S		499	0	P S E			410 210		488	
S		497	0	P S2			7P 210		497	9
S		5018	0	P S E			710 210	- bonded Sulfide Lids.	5	
S		5018	0	P S E			410 210			
S		5118	0	P S2			6P 210	- No symmetry - ½ available.		
S									497	9
S		5137	0	P S2			7P° 210		516	6.8
S		5143	0	P S2			5P 210		524	3.4
S		5148	0	P S2			510 210		529	
									532	3.
									537	5
									543	6
S		5566	0	P S2			510 210		549	3.2
S		5719	0	P S2			7P 210		552	2.3
S		5913	0	P S2			5P 210		555	2.8
S		5916	0	P S2			6P 210		563	8.0
S		6110	0	P S2			5P 210		566	30
S		6156	0	P S2			3P 210	655 → 658.6	570	10
S		6167	0	P S2			6P 210	coarse breccia fragments (qtz) in	5805	4.5
S		6171	0	P S2			1P 210	matrix of 2FO?	5870	6.5
S		6191	0	P S2			3P 210	670-675 Steep	5900	3.0
S		6986	0	P S E			610 210	S_2	6010	11.0
S		7009	0	P S2			0P 210		6070	6.0
S		7018	0	P S2			5P 210	690 - 704	6120	5.0
S		7113	0	P S2	Z		6P 210	Steep S_2	622	10.0
S		7125	0	P S2	Z		6P 210		6200	8.0
									6380	3.0
									6400	7.0
									6460	6.0
									6500	4.0
									6545	9.5
									6590	5.0
									6630	4.0
									6675	4.0
									6760	8.5
									6865	10.0
									6965	10.0
									1030	6.5
									7050	2.5
								713 S_2 = 30/210	713	8.0
								725 S_2 30/210	723	10
									732	9.0

DDH 77-2 (2 8)

Cyprus Anvil Mining Corp.
Geochemical Log (Sampler's Copy)

Logged By: J.W.M

Sampled By: REP

Code	From (10–14)	To (16–20)	Sample No. (22–27)	Description	
				WIDTH	REC
P	14714 0	14716 0	1 9A138	2.0	2.0
P	14716 0	14718 0	1 9A139	2.0	2.0
P	14780	14840	1 9A140	6.0	6.0
P	14844 0	14880	1 9A141	4.0	4.0
P	14880	14903	1 9A142	2.3	2.3
P	14903	14913	1 9A143	1.3	1.3
P	14913	14976	1 9A144	6.3	5.3
P	14976	15084	1 9A145	0.8	08
P	14984	14996	1 9A146	1.2	1.2
P	14996	15013	1 9A147	2.4	
P	15013	15050	1 9A148		
P	15060	15115	1 9A149	5.5	5.2
P	15110 5	15115	1 9A150	4.5	4.5
P	15115 0	15200	1 9A151	5.0	5.0
P	15210 0	15264	1 9A152	6.4	5.0
P	15264	15310	1 9A153	4.6	4.6
P	15310	15350	1 9A154	4.0	3.5
P	15350	15390	1 9A155	4.0	4.0
P	15390	15430	1 9A156	4.0	4.0
P	15430	15483	1 9A157	4.4	3.0
P	15483	15520	1 9A158	3.7	3.7
P	15520	15568	1 9A159	4.8	4.0
P	15568	15611	1 9A160	4.2	4.0
P	15670	15630	1 9A161	2.0	2.0
P	15630	15680	1 9A162	5.0	5.0
P	15680	15720	1 9A163	5.0	5.0
P	15720	15770	1 9A164	5.0	5.0
P	15770	15820	1 9A165	5.0	5.0
P	15812 0	15818 5	1 9A166	6.5	6.5
P	15818 5	15935	1 9A167	5.0	5.0
P	15935	16005	1 9A168	7.0	7.0
P	16010 5	16025	1 9A169	2.0	2.0
P	16012 5	16070	1 9A170	5.0	5.0
P	16070	16120	1 9A171	5.0	5.0
P	16120	16185	1 9A172	6.5	6.5
P	16185	16205	1 9A173	2.0	2.0

DDH 77-2

Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Logged By: J.W.M

Sampled By: R.E.P.

Code	From	To	Sample No.	Description	
	10 14	16 20	22 27	WIDTH	REC
P	16210 5	16216 5	19A17A	6.0	6.0
P	16216 5	16313 0	19A175	7.5	7.0
P	16313 0	16316 5	19A176	3.5	3.5
P	16316 5	16350 5	19A177	3.0	3.0
P	16350 5	16450	19A178	6.0	6.0
P	16450	16500	19A179	5.0	5.0
P	16500	16550	19A180	5.0	5.0
P	16550	16585	19A181	3.5	3.0
P	16585	16600	19A182	2.5	2.5
P	16600	16675	19A183	7.5	6.8
P	16675	16730	19A184	5.5	5.5
P	16730	16780	19A185	5.0	5.0
P	16780	16830	19A186	5.0	5.0
P	16830	16870	19A187	4.0	4.0
P	16870	16890	19A188	2.0	2.0
P	16890	16907	19A189	1.7	1.7
P	16907	16955	19A190	4.8	4.8
P	16955	17005	19A191	5.0	5.0

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77-3

Project: Pit Drill

Location: Zone 3

Claim:

Terr. Plane Co-ords.: 8,380.37 N

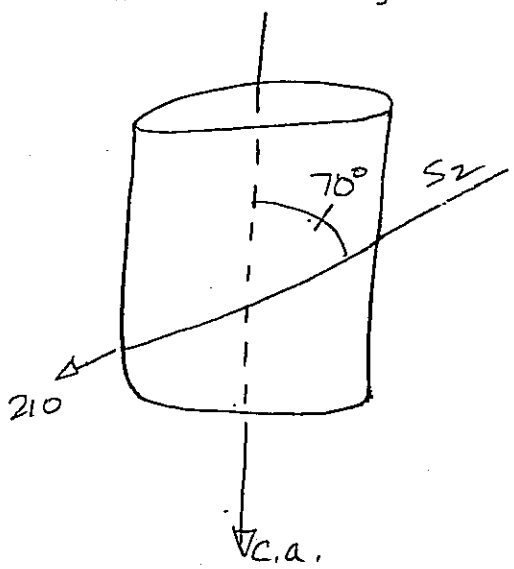
15,406.43 E

Grid Co-ords.:

Elevation: 4118.87

Total Depth: 692'

Fabric Orientation Diagram:



All symmetry determinations looking NW with S2 dipping SW with dip azimuth 210.

Purpose: Mine Development

Logged by: JWM Date(s) Logged: Aug./77

Drilling Contractor: CARON

Core:	Size	From	To	Collar Cased and Capped:
	BQ	0	EOH	

Started: MAY 20/77 Completed: MAY 25/77

DDH 77-3

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

Code	Drillhole	Elevation	Northing	Easting	Comments
T	77-3	4111818.87	8381801.37	1540616.43	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
R	77-3	0	180.0	010.0	AT COLLAR
R	77-3	1716	177.9	028.0	
R	77-3	3716	176.8	003.0	
R	77-3	5716	176.3	001.0	
R	77-3	6010	177.0	009.0	ACID TEST
R	77-3	6716	176.5	029.0	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH 77-3 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: J. W. M.

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	0 0	1 18 0	01	#	O/B and or Fill
L	1 18 0	1 71 5	02	3 D 10	
L	1 71 5	1 81 0	03	3 F 18	
L	1 81 0	1 A5 0	04	3 D 0	— very little marble bands.
L	1 A5 5	1 51 0	05	3 D F	- hematitic staining diff-ment to interpret lith., bxiated
L	1 51 0	1 70 0	06	3 D 10	
L	1 70 0	1 79 0	07	3 D F	as in unit 05
L	1 79 0	1 90 0	08	3 D 10	
L	1 90 0	2 09 0	09	3 A 0	interbands 3D
L	2 00 0	2 12 2 0	10	3 F 10	- tuffaceous
L	2 12 2 0	2 17 2 5	11	3 D 10	
L	2 17 2 5	2 20 7 0	12	3 A 0	
L	2 20 7 0	3 2 2 0	13	3 D 0	
L	3 2 2 0	3 59 0	14	3 A 0	
L	3 59 0	3 63 0	15	3 F 0	- massive
L	3 63 0	3 6A 5	16	3 A 0	
L	3 6A 5	3 96 0	17	0 E 17	- upper contact, not sharp - gradational, lower contact not observed - last core.
L	3 96 0	4 46 5	18	3 A 10	
L	4A 5 5	4A 9 5	19	3 F 10	
L	4 49 5	4 56 0	20	3 A 10	
L	4 56 0	4 57 5	21	3A 0	- Gouge zone - hematitic staining & cemented
L	4 57 5	4 65 0	22	3A 0 E17	- upper contact sharp, bxiated zone in
L	4 65 0	4 67 0	23	0 E 17	- upper contact sharp, bxiated zone in 3A
L	4 67 0	4 72 5	24	0 B 16	
L	4 72 5	4 80 0	25	0 E 17	As in unit 23
L	4 80 0	5 1 80	26	0 B 16	As in unit 24 - lower upper contact 11 S_2
L	5 1 80	5 2 05	27	3 A 10	- stacked zone towards end of interval; chalco as stringers + to S_2
L	5 2 05	5 2 50	28	2 F 10	base metals ± 8%
L	5 2 50	5 6 60	29	2 C 10	- 2FO zones 1-2" scattered throughout Section, very minor. massive to fractured qtz vein. Py = 30-40%, base metals = 2-3%?

DDH 77-3 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: J.W.M.

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	15160	15170	30	1D4	
L	15170	15282	31	2C0	- As in unit 29, Dy ≈ 60%
					base metals ≈ 7%
L	15282	15160	32	2E8	base metal poor
L	15860	15910	33	2C0	As in unit 31
L	15910	15980	34	2D0	Dy ≈ 70, base metals ≈ 8-10%
L	15980	16150	35	2CD	Dy ≈ 50%, base metal poor
L	16150	16270	36	2BP	<1% Dy, <2% base metals, massive
					to banded, chalco 5%
L	16270	16350	37	2F7	2HF?
L	16350	16510	38	1D4	
L	16510	16920	39	1CD	
		EOH			

DDH 77-3 (2 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: J.W.M.

Code	From (10–14)	To (16–20)	Feature (22–24)	Sys (26)	S_1 Dip Direct. (28–32)	S_2 Dip Direct. (34–38)	Description	Ft. Bloc.	Rec
S		191 0	P,S,2			6P 21 10	broken	26 31.5	3.5
S		198 0	P,S,2			55 21 10	broken	35.5	4.0 4.5
S		1212 0	P,S,2			8P 21 P	"	41.0 47.0	6.0 7.0
S		1433 0	P,S,2			55 21 10	Steep " S_2 -	56.0	5.5
							From 146 → 152 ∥ CA	61.5	3.0
							Steep S_2 157 → 157	64.0 66	1.0 3.0
S		1597 0	P,S,2			710 21 P		69	4.5
S		2333 0	P,S,2			55 21 10		74.5	2.5
S		2533 0	P,S,2			60 21 10		77.0	5.0
S		2777 0	P,S,2			45 21 10		83 86	3.0
S		2817 0	P,S,2			6P 21 10		89	1.0 4.0
S		3117 0	P,S,2			60 21 10		93 97.5	4.5
S		3510 0	P,S,2			810 21 10		104.5	7.0
S		4477 0	P,S,2			6P 21 P	Collar too 519'	110	2.0 5.5
							broken thought,	117 122	5.0
							except for intrusive	126	4.0
							zones - S_2 measurements	133 136	7.0 3.0
							meaningless except to	150	14.0 7.0
S		5129 0	P,S,2			6P 21 P	site variation	157 164	6.7 5.0
S		5339 0	P,S,2			510 21 10		173 180	7.0 6.9
S		5515 2 0	P,S,2			610 21 10		187	12.0
S		5617 0	P,S,2			610 21 10		199 204	5.0 5.0
S		5900 0	P,S,2			5P 21 10		213 217	0.0
S		6066 0	P,S,2			6P 21 P		222 227	5.0 5.0
S		6111 0	P,S,2			65 21 P		232 237	5.0 5.0
S		6255 0	P,S,2			810 21 P		247 257	10.0 10.0
S		6410 0	F,F,4			015 21 10	S_4 40/210	267 277	10.0 10.0
S		6533 0	P,S,2			30 21 10	Steep S_2 - 637 -	297 307	10.0
S		6577 0	P,S,2			410 21 P	650	327	20.0 11.0
S		6612 0	P,S,2			3P 21 10		338 343	4.5
S		6677 0	F,F,4			310 21 10	S_4 40/210	350 364	6.1 14.0
S		6818 2 0	P,S,2			410 21 10	S_2 steep ~70°	366.5 376.5	2.5 10.0
							662 → EOH 1692	381.5 389.5	5.0 7.7
								396 400	6.6 2.5
								407 127	7.0 2.0
								437 447	1.0 1.0

DDH 77-3 (2–8)

Cyprus Anvil Mining Corp.
Geochemical Log (Sampler's Copy)

Page 1 of 1
Logged By: I.W.M.
Sampled By: R.E.P.

Code	From	To	Sample No.	Description	
1	10–14	16–20	22–27	WIDTH	REC
P	15210 5	15215 0	199112	4.5	4.4
P	15215 0	15300 0	199113	5.0	5.0
P	15300	15315 0	199114	5.0	5.0
P	15315 0	15410 0	199115	5.0	5.0
P	15410 0	15415 0	199116	5.0	5.0
P	15415 0	15510 0	199117	5.0	5.0
P	15510 0	15515 0	199118	5.0	5.0
P	15515 0	15610 0	199119	5.0	5.0
P	15610 0	15616 0	195010	6.0	6.0
P	15616 0	15712 0	195011	5.0	5.0
P	15712 0	15717 0	195012	5.0	4.2
P	15717 0	15812 0	195013	5.0	3.0
P	15812 0	15816 0	195014	4.0	4.0
P	15816 0	15911 0	195015	5.0	5.0
P	15911 0	15915 0	195016	4.0	4.0
P	15915 0	15918 0	195017	3.0	3.0
P	15918 0	16036 0	195018	5.0	5.0
P	16036 0	16096 0	195019	6.0	6.0
P	16096 0	16115 0	195110	6.0	6.0
P	16115 0	16211 0	195111	6.0	1.8
P	16211 0	16276 0	195112	6.0	6.0
P	16276 0	16355 0	195113	8.0	3.5
P	16355 0	16378 0	195114	3.0	

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77-4

Project: D.H. Drilling

Location: ZONE 3

Claim:

Terr. Plane Co-ords.: N

E

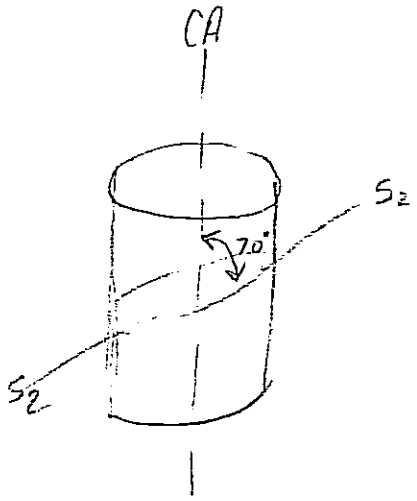
Grid Co-ords.: 8,168.29 N

15,578.10 E

Elevation: 4117.32 (mine)

Total Depth: 721'

Fabric Orientation Diagram:



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

Purpose: Mine Development.

Logged by: J.W.M. Date(s) Logged: Sept/77

Drilling Contractor: CYRON

Core: Size From To

BQ 0 EOH

Collar Cased and Capped: NO

Started: MAY 25/77 Completed: MAY 30/77

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 77-4

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	77-4	4111.32	81681.29	15579.110	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	77-4	00	1801.0	000.0	AT COLLAR
R	77-4	1150	1781.4	932.0	
R	77-4	1350	178.2	232.0	
R	77-4	4000	778.0	000.0	ACID TEST
R	77-4	5150	1771.0	292.0	
R	77-4	6500	1791.0	000.0	ACID TEST
R	77-4	7150	1781.0	079.0	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH 77-A (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: J.W.M.

Code	From (10 14)	To (16 20)	Unit (22 23)	Code (25 27)	Description
L	1100	1150	01	#	O/B
L	1150	12180	012	3D0	- zones of 3D8 near mid of interval.
L	12180	12890	013	0E7	- Hbl altered to chlorite - upper contact roughly conformable to S_2, lower contact // S_2
L	12890	12900	04	3D8	
L	12900	12990	015	3D0	
L	12990	13100	016	3C0	
L	13100	13130	017	3D0	
L	13130	13550	018	3A0	- zone of 3D8
L	13560	13570	09	3C0	- massive.
L	13570	13610	110	3A0	
L	13600	13609	111	0E8	- upper + lower contact conformable to S_2
L	13609	13624	112	3D0	
L	13624	13639	113	3C0	banded, "tuffaceous"
L	13639	14190	14	3A0	- 36? biotite ?? muse
L	14190	14230	115	1D0	- NON ANDALUSITE - resembles ICO
L	14230	14470	116	3A0	
L	14470	14485	117	3C0	- banded
L	14485	14710	118	3A0	- good zone 3D8
L	14710	14723	119	3C0	- banded, "tuffaceous"
L	14723	15260	120	3A0	- 3D0 3D8, 1D0, mixed zone - very heterogeneous.
L	15260	15397	121	0E0	upper contact grossly conformable to S_2, lower contact ~~is~~ broken
L	15397	15441	122	3A6	- 3A0
L	15441	15511	123	0E0	upper contact // S_2, chilled margin
L	15511	15581	24	0B0	lower contact // S_2
L	15581	15720	125	3A6	As in unit 22
L	15720	15730	26	3C0	massive
L	15730	15805	127	3A6	As above.
L	15805	15810	128	0E0	upper + lower contact broken.
L	15810	15875	129	3A6	As above
L	15875	15970	30	1D0	bleached musc ?? biotite. 1D9 ?

DDH 1174 Cyprus Anvil Mining Corp. Page 7 of 10

Lithologic Log Logged By: J.W.M

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1597 0	1652 0	311	1D10	musc > biotite - increasing andalusite + biotite towards end of interval.
L	1652 0	1664 0	3R	1C10	- Dunbabby 1CD although - looks like 1C0
L	1664 0	1721 0	3S	1C1D	- musc > biotite.
		EOH			

DDH 77-4 (2 of 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: T.W.M.

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Ft Block	Rec.	Description
	10 14	16 20	22 24	26	28 32	34 38			
S		190	P S 2			65 210	12.0 14.0	2.0 1.9	
S		2160	P S 2			710 210	16.0 19.5	3.0	
S		2290	P S 2			15 210	22.0 32.0	2.4 10.0	
S		4170	P S 2			3P 21P	42.0 52.0	10.0 10.0	27' → 50'
S		5120	P S 2			35 2110	62.0 72.0	10.0 10.0	steeply dipping
S		6120	P S 2			55 2110	82.0 92.0	10.0 10.0	S_2? near
S		7120	P S 2			715 2110	102.0 112.0	10.0 10.0	vertical to CA.
S		8120	P S 2			015 2110	122.0 127.0	10.0 5.0	82' - 102' - steeply
S		9120	P S 2			215 2110	137.0 147.0	10.0 10.0	dipping S_2 - near
S		10170	P S 2			815 2110	157.0 167.0	10.0 10.0	vertical to CA.
S		11180	P S 2			615 2110	177.0 187.0	10.0 10.0	
S		12270	P S 2			7P 21P	197.0 207.0	10.0 10.0	
S		14170	P S 2			8P 21P	217.0 237.0	10.0 10.0	
S		15170	P S 2			715 2110	257.0 267.0	20.0 10.0	
S		16160	P S 2			315 2110	277.0 287.0	10.0 10.0	
S		18160	P S 2			515 2110	297.0 307.0	10.0 10.0	
S		18120	P S 2			615 21P	317.0 327.0	10.0 10.0	
S		19170	P S 2			7P 2110	337.0 347.0	10.0 10.0	321 → 335
S		21170	P S 2			610 2110	357.0 373.5	10.0 6.5	steep S_2
S		21870	P S 2			6P 2110	383 393	9.5 10.0	
S		22970	P S 2			4P 21P	403 413	10.0	
S		23170	P S 2			6P 21P	423 433	10.0 10.0	
S		24170	P S 2			615 2110	443 453	10.0 10.0	
S		25120	P S 2			015 2110	463 476	10.0 13.0	
S		25160	P S 2			115 2110	486 496	10.0 10.0	
S		26360	P S 2			7P 2110	507 517	11.0 10.0	
S		27470	P S 2			415 2110	527.0 536	10.0 6.5	
S		28570	P S 2			315 2110	546	10.0 9.0	
S		29730	P S 2			615 2110	555 565	10.0 1.0	
S		30830	P S 2			5P 21P	566 576	10.0 6.5	
S		31930	P S 2			515 2110	583.5 588.0	4.5	
S		32030	P S 2			510 2110	591.0 597.0	2.4 4.4	
S		32130	G K A				601.0 611.0	4.0 10.0	
S		32430	P S 2			515 21P	619.0 627.0	7.1 8.0	
S		32930	P S 2			515 2110	637.0 647.0	10.0 10.0	
S		33530	P S 2			610 21P	657.0	10	

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77-6

Project: Pit Drilling

Location: ZONE 3

Claim: _____

Terr. Plane Co-ords.: _____ N

_____ E

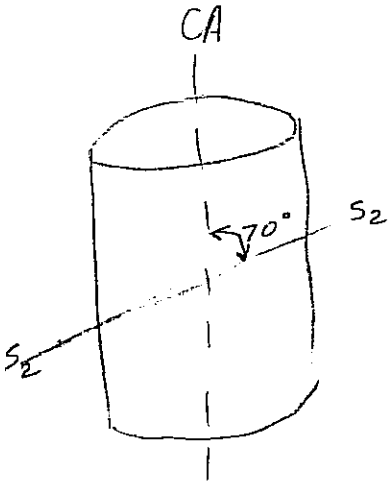
Grid Co-ords.: 8,286-05 N

15,503-2

Elevation: 4136-04 (mine)

Total Depth: 700'

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 210.

Purpose: Mine Development (Zone 1+3)

Logged by: J.W.M. Date(s) Logged: Sept/77

Drilling Contractor: CANROW

Core:	Size	From	To
	BQ	0	EOH

Collar Cased and Capped: YES 10'

Started: MAY 31/77 Completed: JUNE 5/77

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 77-6
2 8

Co	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	77-6	4131.04	82861.05	15503.12	MINE ELEV.

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	77-6	0 0	180.0	000.0	AT COLLAR
R	77-6	200°	178.		ACID TEST
R	77-6	294	176.0	358.0	
R	77-6	400	179.		ACID TEST
R	77-6	494	176.5	348.0	
R	77-6	694	176.1	352.0	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

Code	Drillhole	Comments, Errant Remarks, Snivellings and/or Lewd Suggestions
1	2 8	10 47

DDH 11-6 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: J.W.M.

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	0	180	01	#1	O/B
L	180	1637	02	3DP	
L	1637	1675	03	3CP	
L	1675	12450	04	3DP	bxiated + non bxiated zones throughout - overall section is not bxiated
L	12450	12466	05	0E17	upper + lower contact // S_2 upper = lower =
L	12466	13150	4	06	3D10 Similar to unit 4, more phyllitic zones → 3A, 1D
L	13510	13517	07	3C10	"tuffaceous", banded.
L	13517	14307	08	3DP	As in unit 06
L	14307	14313	09	3CP	massive, tuffaceous
L	14313	14360	1C	3D10	As in unit 08
L	14360	14371	11	3C10	massive.
L	14371	14622	12	3A10	
L	14622	14632	13	3CP	- banded.
L	14632	14695	14	3A10	bxiated
L	14695	14905	15	0E18	
L	14905	15016	5	16	0E17 Leucocratic
L	15016	15130	17	3A10	As in unit 14
L	15130	15630	18	0E18	As in unit 15
L	15630	16071	19	0B16	3
L	16071	16107	20	1CD	graphitic 607
L	16107	16117	0	21	0B16
L	16117	16125	22	2B10	60% py, no base metals
L	16125	16195	23	0B16	-bxiated fragments of 02, 0E and 1CD
L	16195	16256	24	0B16	
L	16256	16259	25	2B10	As in Unit 22
L	16259	16261	26	0B16	
L	16261	16317	27	2BP	- qtz frags in sulphides. sulphide frag. in bxiated matrix
L	16317	17900	28	1C1D	zones of ... breccia + fractures cemented © a brownish? mineral.
		EOH			

Note sulphides not split as they are subeconomic

DDH 77-6 (2 8) Cyprus Anvil Mining Corp. Page 1 of 3

Structural Log Logged By: J.W.M.

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Ft.	Rec.	Description
S	1116	0	P S 12		7p	21 p	810 10 12	1.4	30 → 62 steep
S	1215	0	P S 12		710	21 p	17 19.5	5.0 2.6	S_2 ?
S	1310	0	P S 12		015	21 10	25.0 35.0	4.7 10.0	
S	1315	0	P S 12		015	21 p	46.0 57.0	11.0 11.0	
S	1415	0	P S 12		3p	21 10	62.0	5.9 10.0	
S	1515	0	P S 12		310	21 10	72.0 82.0	10.0	
S	1712	0	P S 12		6p	21 p	87.0 97.0	4.6 10.0	
S	1812	0	P S 12		7p	21 10	102.0	5.0 6.0	
S	1916	0	P S 12		515	21 10	108.0 111	3.0	
S	2015	0	P S 12		3p	21 p	117	6.0 10.0	
S	2117	0	P S 12		715	21 10	127.0 135.0	8.0	
S	2217	0	P S 12		8p	21 10	145.0	10.0	
S	2317	0	P S 12		515	21 10	151.0	6.0 4.0	
S	2417	0	P S 12		6p	21 10	155.0 160.0	5.0	
S	2517	0	P S 12		615	21 10	170.0	10.0 10.0	
S	2615	0	P S 12		7p	21 p	180.0	7.0	
S	2714	0	P S 12		715	21 p	187.0 194.0	7.0	
S	2817	0	P S 12		3p	21 p	204.0	10.0	
S	2914	0	P S 12		610	21 10	210.5	6.5 6.5	
S	3014	0	P S 12		715	21 10	217.0	4.5	205.5 → 206.5 BxA
S	3114	0	P S 12		7p	21 p	221.5	9.5	207.0 → 207 BxA
S	3211	0	P S 12		7p	21 10	231.0 241.0	9.5	232 → 243 steep S_2
S	3316	0	P S 12		015	21 10	250	9.0	210 → 213 BxA
S	3412	0	P S 12		6p	21 p	255	5.0 10.0	256.5' → 262.5 · step S_2
S	3512	0	P S 12		710	21 p	265	12.0	gouge zone 262.5' → 282.7'
S	3615	0	P S 12		715	21 p	277 287	10.0	270 → 277 step S_2
S	3712	0	P S 12		25	21 10	297	10.0 14.0	279.5 → 283 BxA
S	3717	5	P S 12		715	21 p	311 321	10.0	
S	3817	0	P S 12		715	21 10	331	100 4.0	
S	3917	0	P S 12		710	21 10	335	10.5	
S	4016	0	P S 12		710	21 p	345.5 353.0	5.8	324 → 326 BxA
S	4116	0	P S 12		810	21 p	363.0	10.0	
S	4216	0	P S 12		615	21 10	373.5	10.5	
S	4315	0	P S 12		610	21 10	388.0	14.5	346 → 348 BxA
S	4415	5	P S 12		6p	21 10	399.0	10.0 6.0	Note: minor breccia
S	4617	5	P S 12		515	21 10	407		Bows throughout section other than those mentioned.

DDH 77-6 (2 — 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: I.W.M.

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Ft. Bloc.	Rec.	Description
	10 — 14	16 — 20	22 — 24	26	28 — 32	34 — 38			
S		381.20	P S 2			710 Z 110	407		
S		394.0	P S 2			65 Z 110	421	14.0	371 - 377 broken
S		408.0	P S 2			55 Z 10	428	7.0	core.
S		412.0	P S 2			65 Z 10	434	5.9	
S		432.0	P S 2			610 Z 110	449	10.0	370 → 381 BXA
S		441.0	P S 2			65 Z 110	450	6.0	399 → 408' step S_2
S		451.0	P S 2			80 Z 110	464.5	6.5	409 → 415' BXA
S		461.25	P S 2			60 Z 110	473.5	5.4	
							480	9.0	
							489.5	14.2	
							492.0	1.5	
							496.0	4.0	
							501	5.0	612.5' → 616.5'
S							505	4.0	
S							513	8.0	BXA zone
S		666.0	P S 2			05 Z 110	516	2.3	658 — 659.5.
S		668.0	P S 2			70 Z 110	520	4.0	BXA zone.
S							527	4.2	662 → 665.5
S		680.0	P S 2			50 Z 110	530	3.0	BXA zone.
S		687.0	P S 2			55 Z 110	533	3.0	665.5 667.5 steep
S		696.0	P S 2			70 Z 110	537	2.0	
							543.0	6.0	S_2
							548	5.0	678.5 → 674.5, BAX
							552	4.0	
							558	5.0	zone.
							559	0.6	608 - 693 steep S_2
							563	3.8	
							579	16.0	
							583	4.0	
							601	15.0	693 → EOH zones
							607	6.7	
							612.5	5.9	of breccia
							619.5	7.0	& fractures filled
							629.0	9.5	with a brownish
							637.5	8.0	
							645.0	7.5	mineral ?
							653.0	8.0	
							660.5	7.5	
							674.5	14.0	
							690.0	15.4	
							700	1.6	
							EOH		

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77-7

Project: PIT DRILLING

Location: ZONE 3

Claim: _____

Terr. Plane Co-ords.: _____ N

_____ E

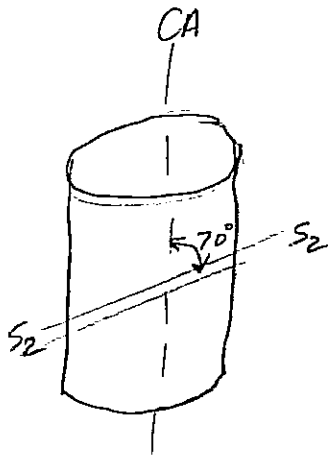
Grid Co-ords.: 8060.02 N

15635.91 E

Elevation: 4101.62

Total Depth: 604'

Fabric Orientation Diagram:



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

Purpose: MINE DEVELOPMENT

Logged by: J.W.M. Date(s) Logged: SEPT /77

Drilling Contractor: CARON

Core:

Size	From	To
BQ	0	EOH

Collar Cased and Capped: NO

Started: JUNE 5/77 Completed: JUNE 9/77

DDH 77-7

Diamond Drill Core Log

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	77-7	4191.62	18016D1.012	156135T.911	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	77-7	0 0	1819.0	000.0	ATCOLLAR
R	77-7	2100 0	1791.0	000.0	ACID TEST
R	77-7	4100 0	1781.0	000.0	ACID TEST
R	77-7	6100 0	1791.0	000.0	ACID TEST
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 47

DDH 77-7 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: J.W.M.

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1 10 0	1 32 0	01	#	0/B
L	1 32 0	1 12 10 0	02	3A 10	- locally bxiated, bands of
					chlorite 308
L	1 12 10 0	1 17 85	03	0E 18	- hornblende → chlorite.
L	1 17 85	1 18 13	0A	1D 10	- carbonaceous, well banded.
L	1 18 13	1 18 71	06	3A 10	as in unit 02
L	1 18 71	1 18 91	06	3C P	- light green, well banded.
L	1 18 91	2 17 75	07	3A P	
L	2 17 75	2 26 65	08	3E P	
L	2 26 65	2 38 88	09	3A 10	- large angular (2-3 cm) breccia
					fragments in BXA 2340 → 2375
L	2 38 88	2 41 01	1 P	3C 10	As in unit 06
L	2 41 01	2 84 74	1 V	3A 10	
L	2 84 74	3 23 34	1R	1DP	- first 10' of interval. strongly
					carbonaceous, biotite ?? musc., overall
					absence of andalusite.
L	3 23 34	3 28 01	13	1E P	- well banded, upper portion (±1')
					appears as "migmatitic"
L	3 28 80	3 33 30	14	1D 10	
L	3 33 30	3 34 66	15	1F 10	- banded.
L	3 34 66	3 47 33	16	1D 10	- as in unit 14.
L	3 47 33	3 57 99	17	1D 10	- bleached, musc? bio., andalusite
					trace amounts, bxiated near
					end of interval
L	3 57 99	3 66 99	18	1DA	? - strongly bxiated ± sulphide frags.
					upper contact ≈ S_2
					lower contact not observable.
L	3 66 99	3 69 55	19	1D 4	- 1-2% fuchsite, bxiated near
					end of interval
L	3 69 55	3 71 50	20	2E 18	10% py., base metal poor
L	3 71 50	3 79 90	21	2E P	- some minor 1D4 fuchsite 6" ±
					fuchsite.
					- minor 2C0 near end interval.
L	3 79 90	3 79 98	21	2C 10	py ≥ 60%
L	3 79 98	3 81 32	22	2E 10	- sandy, massive, non base metal
					bearing

DDH 77-7 (2 . . . 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: J.W.M.

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1381 3	1386 5	23	2E1	trace base metals.
L	1386 5	1497 5	24	2C10	– base metal poor, gal assoc. with bull quartz @ 391', 390'
L	1407 5	1412 0	25	2C10	? Bull qtz 5% py
L	1412 0	1416 6	26	2C10	- 60% py, minor base metals
L	1411 56	1419 5	27	2F10	
L	1419 5	1443 4	28	2C10	- 3-4% base metals in spots, overall very poor. ≈ 20% py
L	1471 3	1481 0	29	2F10	– First 2' typical bucketsat. later part – high Zn values, "red colour" removed.
L	1470	1517 2	30	2DD	py ≈ 10% base metals ≈ 8%, banded.
L	1517 2	1587	31	2F10	
L	1587	1660	32	2D10	- As in unit 30 – bands of 2F0 py ≈ 15% base metals ≈ 10%, mag near end of interval 2%
L	1660	1778	33	2C10	- bands of base metals
L	1778	1924	34	2E18	-2-3% mag, 4-5% base metals throughout, locally 2F8
L	1924	1966	35	0E17	upper + lower contacts // S_2
L	1966	5022	36	2D10	- Some graphitic bands ≈ 5% upper sec.
L	5022	5118 0	37	2C10	- 20-30% py, Very minor sections with ≈ 5% base metals.
L	5118 0	5222	38	2D10	As above base metals ≈ 8% py ≈ 40% overall, zones of banded 2F0
L	5222	5315	39	2C10	As in unit 37
L	5315	5317 3	40	2D10	base metals ≈ 8%, py 35%, minor graphitic bands. lower 2' of interval 10-12% base metals, increasing graphite towards end of int.
L	5317 3	5177 0	41	2A10	base metals ≈ 5-7%, py ≈ 10% minor cpy 561 – 563.6 10% graphite.

DDH 77-7

Cyprus Anvil Mining Corp.

Lithologic Log

Page ___ of ___

Logged By: J.W.M.

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1517 0	1518 0	42	2D 10	base metals ± 6-7%
L	1518 0	1590 8	43	1D 12	- minor base metals
L	1590 8	1598 0	44	2C 10	- base metal poor
L	1558 0	1607 0	45	1D 14	- minor bxiia
		EOH			Note
					582.2 → 584.3 "2L"
					tuffaceous, banded
					fms ± 1-5 mm

DDH 77-7 (2 8) Cyprus Anvil Mining Corp. Page 2 of 6

Structural Log Logged By: I.W.M.

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description	Ftg.	Rec.
							0–49 – broken core.	36 38	1.5 5.0
S	145	0 P,S,2			40	21 10		43 54	11.0
S	155	0 P,S,2			65	21 10		59 64	5.0 6.0
S	165	0 P,S,2			55	21 10		68 73	4.0 4.8
S	177	0 P,S,2			35	21 0		77 88	4.0 11.0
S	185	0 P,S,2			35	21 0	79'→ 80' BxA	98 103	10.0 4.1
S	197	0 P,S,2			55	21 10		109 113	6.0 3.9
S	1018	0 P,S,2			70	21 10		118	5.0 3.0
S	1116	0 P,S,2			610	21 10		121 131	10.0
S	1179	0 P,S,2			40	21 0		146 155	15.0 9.5
S	1184	0 P,S,2			35	21 0		165 174	10.0 9.5
S	1198	0 P,S,2			70	21 0	190–191 S_2 // CA	189	10.0 6.5
							191–195 BxA	190 200	10.0
S	2117	0 P,S,2			60	21 0	218 – 227 → steep S_2	2035	3.5
S	2125	0 P,S,2			25	21 10		2170 227	13.5 10.0
S	2132	0 P,S,2			85	21 0		234	7.0
S	2143	0 P,S,2			610	21 10		244 252	10.0 6.8
S	2154	0 P,S,2			60	21 0	270 → 284 BxA	256	4.0 5.0
S	2166	0 P,S,2			70	21 0	zone.	261 271	10.0
S	2180	0 P,S,2			75	21 0		278	7.0
S	2186	0 P,S,2			05	21 10	283 → 292' steep	284 291	6.5 5.0
S	2197	0 P,S,2			55	21 0	S_2	298	7.0
S	3012	0 P,S,2			35	21 0		305 311	7.0 6.0
S	3016	0 P,S,2			35	21 0	300 → 325' steep	319	8.0
S	3115	0 P,S,2			40	21 10	S_2	328	9.0 8.0
S	3211	0 P,S,2			35	21 10		336 338	2.0
S	3217	0 P,S,2			55	21 10	340 → 357.5	344 354	6.0 10.0
S	3317	0 P,S,2			30	21 10	steep S_2	364	10.0 8.0
S	3450	0 P,S,2			05	21 0		372 381.5	9.5
S	3566	0 P,S,2			35	21 10		381.5	10.0
S	3666	0 B,X,A					bxa 357.8 → 366	401 407	9.4 6.0
S	3774	0 P,S,2			65	21 0	– in sulphides	417	10.0
S	4124	0 P,S,2			55	21 0		421 429	4.0 8.0
S	4147	0 P,S,2			70	21 0		433	3.3
S	4577	0 P,S,2			75	21 10		437	4.0
S	4666	0 P,S,2			75	21 10		441	2.6

DDH 77-7 (2 — 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JWM

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description	Ft. Box	Rec
	10 14	16 20	22 24	26	28 32	34 38			
B		A715 0	P S2			710 211 10		441 451	9.9
S		491 0	P S2			75 211 10		460	9.0 7.0
S		A918 0	P S2			810 211 10		467 475	8.0
S		515 0	P S2			7p 21p		481	6.0
S		5121 0	P S2			710 211 10		490	9.0 4.0
S		5314 0	P S2			710 211 10		494 500	6.0
S		5135 0	P S2			710 211 10	S_4 = 50/210	503	3.0 9.5
S		5178 0	P S2			7p 211 10		512.5 516.5	4.0
S		5818 0	P S2			715 211 10		522	5.5 10.0
S		5917 0	P S2			7p 211 10		521.5 524.0	2.5
S		6013 6	P S2			810 21 10	S_4 ≈ 50/210	542.0	8.0
							Steep S_2 at	551.0	12 10.0
							EOH	561.0	6.0
								567.0	10.0
								577.0 587.0	10.0
								597.0	10.0
								604	7.0

DDH 2 8 Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Page 2 of 9

Logged By: I.M

Sampled By: R.E.P

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27	Wid.	Rec	
P	13618	13619 7	109511 5	1.3	1.3	
P	13619 7	13750	109511 6	5.3	5.3	
P	13750	13810 0	109511 7	5.0	5.0	
P	13810	13850	109511 8	5.0	5.0	
P	13850	13910 0	109511 9	5.0	5.0	
P	13910	13950	109512 0	5.0	5.0	
P	13950	A1010 0	109512 1	5.0	4.0	
P	A1010	A1075	109512 2	7.5	7.5	
P	A1075	A1120	109512 3	4.5	4.5	
P	A1120	A1156	109512 4	3.6	3.6	
P	A1156	A1195	109512 5	3.9	3.4	
P	A1195	A1250	109512 6	5.5	5.5	
P	A1250	A1300	109512 7	5.0	5.0	
P	A1310	A1340	109512 8	4.0	3.5	
P	A1340	A1390	109512 9	5.0	5.0	
P	A1390	AA34	109513 0	4.4	3.7	
P	A1434	A1470	109513 1	3.6	3.6	
P	A1470	A1520	109513 2	5.0	5.0	
P	A1520	A1572	109513 3	5.2	5.2	
P	A1572	A1587	109513 4	1.5	1.5	
P	A1587	A1627	109513 5	4.0	4.0	
P	A1627	A1660	109513 6	3.3	3.3	
P	A1660	A1710	109513 7	5.0	5.0	
P	A1710	A1773	109513 8	6.3	6.3	
P	A1773	A1820	109513 9	4.7	4.7	
P	A1820	A1870	109514 0	5.0	5.0	
P	A1870	A1924	109514 1	5.4	5.4	
P	A1966	50222	109514 2	5.6	5.5	
P	50222	50160	109514 3	3.8	3.7	
P	50160	51100	109514 4	4.0	4.0	
P	51100	51150	109514 5	5.0	5.0	
P	51150	51180	109514 6	3.0		
	51180	51222	109514 7	4.2		
P	51222	51272	109514 8	5.0		
P	51272	51315	109514 9	3.3		
P	51315	51373	109515 0	5.8		

DDH 77-7 (2 8)

Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Page 9

Logged By: I.W.M.

Sampled By: R.E.P

From (10–14)	To (16–20)	Sample No. (22–27)	Wgt.	Rec.	Description
15317	15418	109515 51	4.7	4.2	
15412	15511	109515 52	9.0	1.3	
15511	15516	109515 53	5.0	5.0	
15516	15611	109515 54	5.0	5.0	
15611	15616	109515 55	5.0	5.0	
15616	15711	109515 56	5.0	5.0	
15711	15717	109515 57	6.0	5.9	
15717	15812	109515 58	5.2	5.2	
15812	15813	109515 59	2.1	2.0	
15813	15817	109516 00	3.3	2.8	
15817	15908	109516 01	3.8	3.8	
15908	15948	109516 02	4.0	4.0	
15948	15918	109516 03	3.2	3.2	

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77-9

Project: PIT DRILLING

Location: ZONE 3

Claim:

Terr. Plane Co-ords.: N

E

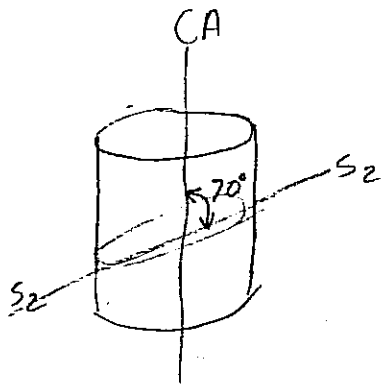
Grid Co-ords.: 8,363.46 E N

14,986.28 N E

Elevation: 4096.74

Total Depth: 765'

Fabric Orientation Diagram:



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

Purpose: MINE DEVELOPMENT

Logged by: J.W.M. Date(s) Logged: SEPT/77

Drilling Contractor: CARON

Core:

Size	From	To
BQ	0	EOH

Collar Cased and Capped: No

Started: JUNE 10/77 Completed: JUNE 15/77

DDH 77-9

Diamond Drill Core Log

	Drillhole	Elevation	Northing	Easting	Comments
	1 – 8	10 – 16	17 – 24	25 – 32	34 – 48
T	77-9	4096.74	8363.46	14986.28	

Code	Drillhole	Depth		Zenith Angle	True Azimuth	Comments
	1 2 – 8	10 – 14		22 – 26	28 – 32	34 – 56
R	77-9	0	0	180.0	000.0	ATCOLLAR
R	77-9	199	0	180.0	000.0	
R	77-9	200	0	180.0	000.0	ACID TEST
R	77-9	399	0	180.0	000.0	
R	77-9	400	0	180.0	000.0	ACID TEST
R	77-9	599	0	179.5	232.0	
R	77-9	759	0	178.8	177.0	
R				.	.	
				.	.	
R				.	.	
R				.	.	
R				.	.	
R				.	.	
R				.	.	
R				.	.	
R				.	.	

Code	Drillhole	Comments, Errant Remarks, Snivellings and/or Lewd Suggestions
	1 2 – 8	10 – 47

DDH 77-9 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: J.W.M.

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	10 0	12 7 0	01	#1	O/B
L	27 0	35 0	02	3DP	O/B and or broken core.
L	35 0	168 7	03	3D0	- 3D7 locally.
L	168 7	175 7	04	3C0	- meta basite, banded
L	175 7	925	05	3D0	As in unit 3
L	925	1117 9	06	3D8	3DE - upper portion 5' chloritic + carbonaceous
L	1117 9	1209	07	3D5	
L	1209	1435	08	3DP	local bands of marble
L	1435	1440	09	0B4	upper + lower contacts // S_2
L	1440	1595	10	3D0	As in unit 8, carbonaceous bands
L	1595	1615	11	0B4	-diffuse contacts
L	1615	1875	12	3DP	marble bands
L	1875	1912	13	3D5	
L	1912	2920	14	3DP	- local graphitic bands (3E)
L	2920	2965	15	3CP	- banded, tuffaceous.
L	2965	3100	16	3D0	
L	3110	3130	17	0B4	upper + lower contacts // S_2
L	3130	3870	18	3A0	- biotite abundant., minor 3E bands, minor graphite.
L	3870	4190	19	0E7	3' recovery - Tomac 3A frags. present in this section as well. - contacts not seen, drillers report zone as "sandy" possibly a fault zone
L	4190	4212 0	20	3A0	
L	4212 0	4270	21	1D0	musc >> biotite, possibly bleached related to fault.
L	4270	4350	22	0Q0	Qtz
L	4350	4395	23	1D0	
L	4395	4433	24	1D4	- related to fault
L	4433	5056	25	1D0	biotite ≥ 15% ± musc.
L	5056	5168	26	1D0	- bleached musc > bio.
L	5168	5208	27	2D0	- banded py ± base metals = 10% - gal = sph.
L	5208	5370	28	2E4	16 - base metals variable, barite trace siliceous bands

Lithologic Log

Logged By: J.W.M.

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	153.7	159.8	29	2D10	Py ≈ 15%, base metals ≈ 4%
					- very broken core.
L	159.8	155.3	30	1D10	- gouge & breccia (Fault) 548.8 → 550
L	155.3	155.67	31	1D4	banded
L	155.67	157.0	32	1E10	- banded phyllite. , no sulphides.
L	157.0	157.8	33	2E0	1E9 - graphitic
L	157.8	158.13	33	2H2	
L	158.13	158.69	34	2D10	Py ≈ 50%, massive.
L	158.69	159.13	35	2E0	mag 2-3% near top of interval
L	159.13	159.63	36	2E8	7 1' Py0 bearing 599 → 555
L	159.63	160.24	37	2F0	
L	160.24	161.16	38	2E3	- sandy, broken core.
L	161.16	161.66	39	2E1	50% Py 2-9% base metals
~~L~~	~~161.66~~	~~161.93~~			in small zones
L	161.66	161.93	40	2E3	- sandy
L	161.93	162.65	41	2F0	
L	162.65	163.90	42	2E0	- tertiary pyrite, bxiated
					2% - 5% base metals, Py = 70%
L	163.90	164.69	43	2E1	- as above bxiated Py frags
					- minor Py0 in sections
L	164.69	165.40	44	2C10	- massive, Py ≈ 50%, bands 2F0
L	165.40	166.13	45	2F0	
L	166.13	167.89	46	2E3	- sandy, base metals ≈ 5%
					- BxA good coarse angular
					frag of Py. near end
~~L~~	~~167.89~~	~~169.89~~			of int's.
L	167.89	169.25	47	2C0	- course ang. Py frag. silica, Py
					in fine bxiated matrix very
					unusual texture. "wisps" of graphitic
					phyllite.
L	169.25	172.25	48	1D10	gouge 692.5 → 692.5 fault?
L	172.25	176.50	49	1CD	less carbonaceous, andesite.
		EOH			

DDH 77-9 Cyprus Anvil Mining Corp. Page 2 of 4

Structural Log Logged By: J.W.M.

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description	Ft. Bloc.	Rec.
	10 14	16 20	22 24	26	28 32	34 38			
S	149	P S Z			55 21 10			28 30	1.6
S	164	P S Z			60 21 P			32 35	3.8
S	173	P S Z			75 21 P			44 54	10.0 10.0
S	184	P S Z			55 21 10			63.0 70.0	7.0
S	193	P S Z			85 21 P			86.0	16.0 10.0
S	1103	P S Z			65 21 10			96.0 102.0	4.2
S	1113	P S Z			25 21 P			1070	5.0
S	1120	P S Z			45 21 10			1125	5.5 9.0
S	1130	P S Z			65 21 10		Steep S_2 112.5 →	121.5 125	4.0
S	1140	P S Z			50 21 P		121.5'	135.5	10.0 8.0
S	1149	P S Z			70 21 10		150 → 159.5	143.5 153.0	9.5
S	1162	P S Z			60 21 10		3xA	161.5	8.5
S	172	P S Z			80 21 10			167.5	6.0 9.5
S	177	P S Z			80 21 P			177.0 187.0	10.0
S	187	P S Z			70 21 10			197.0	10.0 10.0
S	192	P S Z			30 21 P			207.0 217.0	10.0
S	2012	P S Z			45 21 P		189 - 209 S_2 330/210	227.0	10.0 10.0
S	2117	P S Z			70 21 10			237.0 247.0	10.0
S	2127	P S Z			50 21 P			257.0	10.0 10.0
S	2137	P S Z			45 21 10			267 277	10.0
S	2147	P S Z			45 21 P		250 - 257 S_2 // CA.	287	10.0 10.0
S	2158	P S Z			35 21 10			297 307	10.0
S	2169	P S Z			25 21 P		260 - 270 S_2 330-40°	317	10.0 10.0
S	2177	P S Z			60 21 10			327 337	10.0
S	2189	P S Z			50 21 10			347	10.0 10.0
S	2198	P S Z			50 21 10			357 367	10.0
S	3018	P S Z			60 21 P			379	5.0 2.0
S	3118	P S Z			70 21 P			3775	7.7
S	3312	P S Z			70 21 10			3870 3970	0.6
S	3496	P S Z			70 21 P			407	1.3
S	3516	P S Z			65 21 P			417	0.9 9.0
S	3714	P S Z			55 21 10			427 439	11.1
S	3817	P 6 Z			65 21 10		387 - 417 2' Rec Fault.	445	6.0 13.0
S	4212	P S Z			60 21 10			458 466	8.0
S	4633	P S Z			65 21 10			476	10.0
S	4711	P S Z			86 21 10			487	

DDH 77-9 (2 · 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: J.N.M

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description	Fl Bloc	Rec
	10 14	16 20	22 24	26	28 32	34 38			
S		4187 0	P S Z			70 Z1 P		487 498	87
S		5018 0	P S Z			70 Z1 10		503	46
S		5179 0	P S Z			80 Z1 10		5240 5350	210 54
S		5433 0	P S Z			30 Z1 10	136 EOB 73	542.0	5.0
S		5553 0	P S Z			85 Z1 10		546.0	4.0
S		5611 0	P S Z			710 Z1 10		5500 560	10.0
S		5717 0	P S Z			715 Z1 10		570	9.7
							626 → 686 BxA	577	7.0
							brecciated (tectonic)	587	9.4
							by.	585 600	80 5.0
								609	9.0 7.9
							Sand by 662-667	617 624	7.0
							658 → 692.5 BxA	639 641	10.0 10.0
							Sand by 661 → 675	652	8.0 9.1
	6915	6935	int			30°	fault, gouge.	662	2.2
								667 677	8.6 10.0
S		6933 0	P S Z			50 Z1 10		687	10.0
S		7117 0	P S Z			510 Z1 10	BxA 697-708	697 707	10.0
S		7214 0	P S Z			60 Z1 10		717	7.0
S		7350 0	P S Z			70 Z1 10	S_4 ≈ 35°/210	724 734	10.0
S		7494 0	P S Z			710 Z1 P	35°/210	744	10.0
S		7540 0	P S Z			60 Z1 P	25°/210	754 765	10.0 11.0
S		7640 0	P S Z			65 Z1 P	25°/210		
							NOTE S_2 not		
							developed very		
							well.		

DDH 77-9 (2 8)

Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Page 1 of 1
Logged By:
Sampled By:

Code	From (10–14)	To (16–20)	Sample No. (22–27)	Description	
				Wid.	Rec.
P	15116 8	15210 8	109516 4	4.0	3.8
P	15210 8	15250	109516 5	4.2	4.2
P	15250	15311 0	109516 6	6.0	4.8
P	15311 0	15317 0	109516 7	6.0	6.0
P	15317 0	15412 5	109516 8	5.5	4.2
P	15412 5	15418 0	109516 9	5.5	5.5
B	15717 0	15718 0	109517 0	1.0	1.0
P	15718 0	15811 3	109517 1	3.3	3.3
P	15811 3	15816 9	109517 2	5.6	4.9
P	15816 9	15911 3	109517 3	4.4	4.4
P	15911 3	15916 3	109517 4	5.0	5.0
P	15916 3	15993	109517 5	3.0	2.9
P	15993	16024	109517 6	3.1	3.1
P	16024	16074	109517 7	5.0	5.0
P	16074	16116	109517 8	4.2	4.2
P	16116	16166	109517 9	5.0	5.0
P	16166	16193	109518 0	2.7	2.7
P	16193	16233	109518 1	4.0	4.0
P	16233	16265	109518 2	3.2	3.2
P	16265	16300	109518 3	3.5	3.5
P	16300	16345	109518 4	4.5	4.5
P	16345	16390	109518 5	4.5	4.5
P	16390	16420	109518 6	3.0	3.0 G42
P	16420	16469	109518 7	4.9	4.9
P	16469	16500	109518 8	3.1	3.0
P	16500	16540	109518 9	4.0	4.0
P	16540	16575	109519 0	3.5	3.5
P	16575	16613	108591	3.8	3.4
P	16613	16663	109519 2	4.0	2.8
P	16663	16713	109519 3	5.0	2.5
P	16713	16753	109519 4	4.0	4.0
P	16753	16789	109519 5	3.6	3.6
P	16789	16839	109519 6	5.0	5.0
P	16839	16889	109519 7	5.0	5.0
P	16889	16925	109519 8	3.6	3.0

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77-10

Project: PIT DRILLING

Location: ZONE 3

Claim:

Terr. Plane Co-ords.: N

E

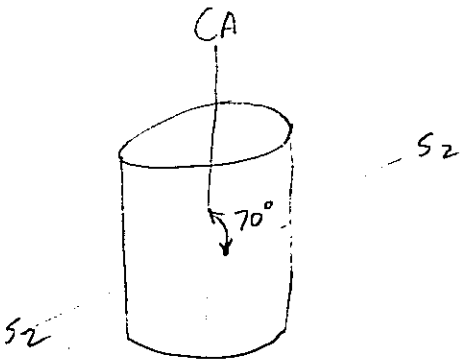
Grid Co-ords.: 8,164.96 N

15,222.99 E

Elevation: 4061.60

Total Depth: 662'

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 210.

Purpose: MINE DEVELOPMENT

Logged by: J.W.M. Date(s) Logged: SEPT /77

Drilling Contractor: CARON

Core: Size From To Collar Cased and Capped: No

Size	From	To
NQ	0	EOH

Started: JUNE 15/77 Completed: JUNE 22/77

DDH 77-10

Diamond Drill Core Log

Code	Drillhole	Elevation	Northing	Easting	Comments
T	77-10	4061.60	8164.96	15222.99	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
R	77-10	0	180.0	000.0	ATCOLLAR
R	77-10	256	179.0	338.0	
R	77-10	456	177.5	358.0	
R	77-10	6010	179.0	037.0	ACID TEST
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

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

DDH 77-10 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: JWM

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1100	1240	01	#1 1	O/B
L	1240	1450	02	3D10	O/B and/or FILL, BROKEN CORE
L	1450	1014	03	3D10	
L	1014	#10158	04	1D10	
L	#10158	#12155	05	3D10	
L	#12155	#12290	06	3D18	
L	#12290	#14410	07	3D10	
L	#14410	#14450	08	3D15	
L	#14450	#20200	09	3D10	
L	#20200	#22290	10	3A10	
L	#22290	#26330	11	1D10	GOOD CHIASTOLITE
L	#26330	#26880	12	1D1	GOUGE ZONE, HEMATITE STAIN.
L	#26880	#30155	13	1D10	
L	#30155	#30770	14	1D10	MUSC > BIOTITE. BLEACHED.
L	#30770	#34000	15	1C1D	
L	#34000	#34444	16	1D10	"BLEACHED" POSS. 1D4 RELATED TO FAULT @ 342
L	#34444	#35577	17	1C1D	
L	#35577	#39900	18	1D14	
L	#39900	#40520	19	2D10	Pyrite ≃ 30% Banded.
L	#40520	40880	20	2E10	
L	#40880	#42110	21	2D10	1ST 10' BRECHIATED BASE METALS 5% Py 10%
L	#42110	#42200	22	2E10	
L	#42200	#43200	23	1D14	
L	#43200	#46200	24	2G10	PY = BASE METALS = 10%,
L	#46200	#46455	25	2F10	
L	#46455	#46555	26	2H10	MASSIVE.
L	#46555	#46700	27	2D10	
L	#46700	#46885	28	2F10	
L	#46885	#48000	29	2C10	
L	#48000	50700	30	2E10	base metals ≃ 3%
L	50700	51180	31	2F10	
L	51180	52140	32	2E10	< 5%
L	52140	52550	33	2H10	1-2½ fragments
L	52550	52880	34	2E1	
L	52880	52990	35	2F4	
L	52990	53400	36	2E10	<5% base metals

DDH 77-10

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: I.W.M. & P.I.C.

	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	15340	15370	37	2DO	< 5% base metals
L	15370	15425	38	2EO	3% base metals
L	15425	15505	39	2E1	
L	15505	15545	40	2E8	
L	15545	15645	41	2FO1	-siliceous. 10% base metals
L	15645	15665	42	2EO	py ≥ 60-70%, cpy present,
L	15665	15770	43	2E1	
L	15770	15810	44	2FO	base metals ≥ 10%
L	15810	15825	45	2E1	8
L	15825	16090	46	2FO	
L	16090	16250	47	2DO	py ≥ 10%, base metals ≥ 5%
L	16250	16280	48	1E0	in spots ribbon banded
L	16280	16460	49	1D4	
L	16460	16620	50	1DO	
		EOH			

DDH 77-10 (2 — 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: J.W.M.

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	100	316 5	P S 2			710 2110	32,	55.5	1.5
S		470	P S 2			710 2110		66.5	11
S		630	P S 2			710 2110		47	8
S		740	P S 2			515 2110		57	10
S		810	P S 2			210 2110		65	8
S		910	P S 2			615 2110		75	10
S		1000	P S 2			410 2110	106-116 Steep S2	85	10
S		1120	P S 2			310 2110		91	6
S		1210	P S 2			410 2110	106 - 141 Steep S2 Zones of	96	5
S		1310	P S 2			115 2110	brecciation	107	11
S		1410	P S 2			015 2110		117	10
S		1520	P S 2			410 2110		127	10
S		1620	P S 2			510 2110	Within brecciated zone	137	10
S		1820	P S 2			710 2110		147	10
S		1920	P S 2			610 2110		157	10
S		2020	P S 2			610 2110		167	10
S		2180	P S 2			510 2110	0-230 sporadically	177	10
S		2320	P S 2			610 2110	brecciated throughout	187	10
S		2420	P S 2			510 2110	244 - 226 Broken and/or	197	10
S		2610	P S 2			610 2110	ground core + brecciated.	207	10
S		2750	P S 2			410 2110	249 - 255 broken	217	10
S		2840	P S 2			610 2110	262 - 270 broken/ground/granitic	227	10
S		2911	P S 2			715 2110	stained	232	5
S		3093	P S 2			810 2110		242	10
S		3113	P S 2			615 2110		252	10
S		3212	P S 2			710 2110	S4 40°	262	10
S		3312	P S 2			710 2110	342 Fault 20° to core axis	275	11.5
S		3413	P S 2			615 2110		285	10
S		3512	P S 2			610 2110		291	5.5
S		3612	P S 2			615 2110		296.5	5.5
S		3712	P S 2			710 2110		301.5	5
S		3812	P S 2			615 2110		307	5.5
S		3915	P S 2			510 2110		317	10
S		4117	P S 2			215 2110		327	10
S		4215	P S 2			510 2110		337	10
S		4617	P S 2			315 2110			

DDH 77-10

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JH, PIC

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		14719	P 1 2			75 2110		347	10'
S		15162	P 1 2			510 2110		357	10
S		15716	P 1 2			610 2110		367	10
S		16099	P 1 2			510 2110		377	10
S		16214	P 1 2			315 2110		397	20'
S		16346	P 1 2			710 2110		407 417	10' 0'
S		16512	P 1 2			510 2110		427 437	10' 10'
S		16612	P 1 2			610 2110		437 447	9'
								459 462	7.2 3.5
								4655 473	1.6 7.5
								477 487	5 10'
								497 503	10' 4.3
								507 512	4.3 5
								517 523	2.6 3.6
								523 532	5 4
								538 5[illegible]	[illegible] 2[illegible]
								542 547	2.2 5
								550 557	3 7
								562 571.5	5 9.5
								577 583.5	[illegible] [illegible]
								585 [illegible]	4.5 [illegible]
								5942 614	[illegible] 2.5
								617 622	5 5
								6302	[illegible]
								642 [illegible]	[illegible]
								662	[illegible]

DDH 77-10

Cyprus Anvil Mining Corp.
Geochemical Log (Sampler's Copy)

Logged By: J.W.M

Sampled By: J.W.M R.E.P

Type	From	To	Sample No.	Description		
	1 3 14	16 20	22 27	WID	REC.	
P	14P103	14P152	109810 11	4.9	4.9	
P	A1052	14018 0	109810 12	2.8	2.8	
P	A1080	A1120	109810 13	4.0	4.0	
P	A1120	A1160	109810 14	4.0	4.0	
P	A1160	A1190	109810 15	3.0	2.7	
P	A1190	A1210	109810 16	2.0	1.3	
P	A1210	A1220	109810 17	1.0	1.0	
P	A1320	A1360	109810 18	4.0	4.0	
P	A1360	A1400	109810 19	4.0	4.0	
P	A1400	A1440	109810 10	4.0	4.0	
P	A1440	A1480	109810 1V	4.0	3.1	
P	A1480	A1520	109810 12	4.0	4.0	
P	A1520	A1565	109810 13	4.5	4.5	
P	A1565	A1600	109810 14	5.5	3.7	
P	A1600	A1645	109810 15	4.5	1.9	
	A1645	A1655	109810 16	1.0	1.0	
P	A1655	A1700	109810 17	1.5	1.5	
P	A1700	A1850	109810 18	1.5	1.5	
P	A1850	A1930	109810 19	4.5	4.5	
P	A1930	A1980	109820	5.0	5.0	
P	A1980	A2100	109821	2.0	2.0	
P	A2100	A2140	109822	4.0	4.0	
P	A2140	A2180	109823	4.0	4.0	
P	A2180	A2320	109824	4.0	4.0	
P	A2320	A2360	109825	4.0	2.9	
P	A2360	A2510	109826	5.5	3.8	
P	A2510	A2570	109827	5.5	5.5	
P	A2570	A2611	109828	4.0	3.6	
P	A2611	A2615	109829	4.0	2.8	
P	A2615	A2618	109830	3.0	2.3	
P	A2618	A2622	109831	4.0	2.6	
	A2622	A2624	109832	2.0	1.7	
P	A2624	A2625	109833	1.0	1.0	
P	A2625	A2628	109834	3.0	1.7	
P	A2628	A2631	109835	3.0	3.0	
P	A2631	A2634	109836	3.0	3.0	

2 8

Geochemical Log (Sampler's Copy)

Logged By: J.W.M.
Sampled By: R.E.R.

Code	From	To	Sample No.	WID	REC.	Description
1	10 14	16 20	22 27			
P	15134 0	15317 0	109818317	3.0	1.2	
P	15317 0	15412 5	109818318	5.5	5.0	
P	15412 5	15465	109818319	4.0	4.0	
P	15465	15510 5	109818320	4.0	4.0	
P	15510 5	15554 5	109818321	4.5	4.5	
P	15554 5	15599 5	109818322	5.0	5.0	
P	15599 5	15645 5	109818323	5.0	5.0	
P	15645 5	15665 5	109818324	2.0	2.0	
P	15665 5	15712 0	109818325	5.5	5.5	
P	15712 0	15770	109818326	5.0	5.0	
P	15770	15812 0	109818327	5.0	5.0	
P	15812 0	15870	109818328	5.0	5.0	
P	15870	15912 0	109818329	5.0	5.0	
P	15912 0	15970	109818330	5.0	5.0	
P	15970	16092 0	109818331	13.0	4.6	from 594.5 → 614 19.5' Rec.
	16					
	16	16				
P	16090	16146	109818332	5.0		
P	16146 0	16190	109818333	5.0		
P	16190	16230	109818334	4.0		
P	16230	16256	109818335	2.6		
P	16256	16280	109818336	2.4		

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77-11

Project: PIT DRILLING

Location: ZONE 3

Claim: ____

Terr. Plane Co-ords.: ____ N

____ E

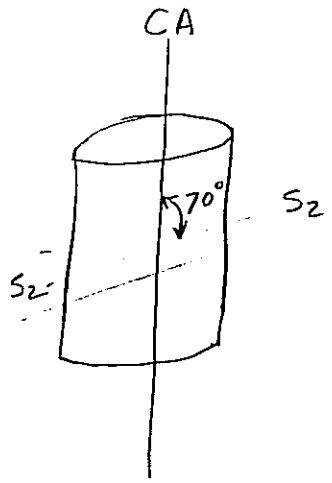
Grid Co-ords.: 7,876.86 N

15,728.96 E

Elevation: 4021.93

Total Depth: 295'

Fabric Orientation Diagram:



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

Purpose: MINE DEVELOPMENT

Logged by: PC / RL Date(s) Logged: OCT. / 77

Drilling Contractor: CARON

Core:	Size	From	To
	BQ	0	EOH

Collar Cased and Capped: NO

Started: JUNE 17/77 Completed: JUNE 20/77

DDH 77-11

Diamond Drill Core Log

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	77-11	4921.93	7876.86	15728.96	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	77-11	0 0	180.0	000.0	ATCOLLAR
R	77-11	2000	180.0	000.0	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH 77-11

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PIC/RL

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	10100	18160	D1	3A10	with bull quartz
L	18160	13160	D2	1D10	Muscovite > biotite
L	13160	16190	D3	1D10	
L	16190	23185	D4	1D10	Muscovite > biotite
L	23185	29150	D5	1D10	Very minor sulphides @ 239.
					EOH
					NO SAMPLES —

DDH 77-11

Cyprus Anvil Mining Corp.
Structural Log

Logged By: PCIRL

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	Footage Recovery
S		15 6 0	P S 2			35 21 10	31-57 6'
S		16 6 0	P S 2			54 21 10	57-67 10'
S		17 6 0	P S 2			50 21 10	67-77 9½'
S		18 6 0	P S 2			53 21 10	77-85 7'
S		19 6 0	P S 2			53 21 10	85-92 4'
S		1 10 6 0	P S 2			55 21 10	92-97 2'
S		1 1 6 5	P S 2			46 21 10	97-107 7½'
S		1 12 6 0	P S 2			55 21 10	107-117 10'
S		1 13 4 5	P S 2			40 21 10	117-122 5'
S		1 14 4 0	P S 2			42 21 10	122-133 9½'
S		1 15 6 5	P S 2			44 21 10	133-138 5'
S		1 17 4 0	P S 2			65 21 10	138-144 6'
S		1 18 1 0	P S 2			50 21 10	144-155 10'
S		1 19 0 0	P S 2			56 21 10	155-165 10'
S		1 19 8 5	P S 2			43 21 10	165-170 3½'
S		2 0 3 5	P S 2			42 21 10	170-174 2½'
S		2 2 0 0	P S 2			53 21 10	174-177 3'
S		2 2 8 0	P S 2			50 21 10	177-187 10'
S		2 3 8 0	P S 2			56 21 10	187-197 10'
S		2 6 3 0	P S 2			52 21 10	197-207 10'
S		2 3 6 0	P 3 2			45 21 0	207-217 52'
							213-223 10'
							223-227 4'
							227-237 10'
							Fault zone - crushed 237-242 5'
							" " fractured 242-247 5'
							247-255 2'
							255-263 2
							Crushed and fractured 263-273 6'
							Fault gouge 270-272 2'
							" crushed 272-274 2'
							274-280 6

DDH 77-12

Diamond Drill Core Log

Code	Drillhole	Elevation	Northing	Easting	Comments
	8	10 16	17 24	25 32	34 48
T	77-12	4014.66	7802.57	15208.33	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	77-12	0 0	180.0	000.0	ATCOLLAR
R	77-12	2000	180.0	000.0	ACID TEST
R	77-12	4000	179.0	037.0	ACID TEST
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 47

DDH ZK 2

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: PC/JMJ

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1 1010 0	1 1619 8	01	3A10	
L	1 1698	1 1520	02	3E10	
L	1 1520	1 1912	03	1D10	
L	1 1912	1 1918	04	1D10	
L	1 1918	12 12 10	05	1D10	
L	12 12 10	12 12 18 2	06	2B10	(no base metal)
L	12 12 18 2	12 13 1 2	07	2C10	Pyrite 10-15% banded. Hematite
L	12 13 1 2	12 13 2 8	08	2A10	5% Base metal.
L	12 13 2 8	12 13 14 7	09	2E10	Buckshot present at top of interval Sandy texture
L	12 13 14 7	12 14 1 0	10	2A10	A porcosia unit. of 2A galena = sphalerite = 5-6% not typical 2A
L	12 14 1 0	12 14 14 0	11	2D10	Massive to banded ½' breccia zone. Base metal 4% ½' of gouge at top of interval.
L	12 14 14 0	12 14 16 3	12	2G18	Also present, (Buckshot texture) magnetite, and pyrhotite.
L	12 14 16 3	12 14 7 3	13	2H10	
L	12 14 7 3	12 14 8 3	14	2G10	As above - less Base metals, more magnetite
L	12 14 8 3	12 15 10 6	15	2D10	Breccia 5%
L	12 15 10 6	12 15 3 6	16	2F10	Top ½' pyrhotite banded.
L	12 15 3 6	12 15 7 0	17	2B10	
L	12 15 7 0	12 15 8 0	18	2G18	
L	12 15 8 0	12 15 9 7	19	2GH	Rusted pyrhotite in Pyrite. fracs.
L	12 15 9 7	12 16 3 5	20	2A10	
L	12 16 3 5	12 17 1 7	21	2B10	No base metal
L	12 17 1 7	12 18 10 5	22	2C10	Pyrite 10% Base metal 5% banded.
L	12 18 10 5	12 18 16 0	23	2F10	
L	12 18 16 0	12 19 10 3	24	2H10	Banded Base metal poor.
L	12 19 10 3	12 19 12 4	25	2F8	2 bands of 2" pyrhotite.
L	12 19 12 4	13 1 10 5	26	2C10	Last 2-3' base metals 8% comb Overall < 5% Pyr.
L	13 1 10 0	13 1 19 7	27	2HC	1-2% galena. 0.1-03 Chalcopyrite Base metal 5%
L	13 1 19 7	13 2 1 0	28	2C10	< 5% Base metal
L	13 2 1 0	13 2 40	29	2H10	
L	13 2 40	13 3 9 0	30	2C10	Minor pyrhotite Base metal 5%.
L	13 3 9 0	13 5 9 5	31	2A10	
L	13 5 9 5	14 0 2 0	32	1D10	EOH

DDH 2 7-12 8

Cyprus Anvil Mining Corp.
Structural Log

Logged By: PIC / RC

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	
C	140	P S 2			75 210		
C	155	P S 2			810	210	
C	168	P S 2			615	210	
C	178	P S 2			715	210	
C	188	P S 2			710	210	
C	196	P S 2			715	210	
S	1108	P S 2			615	210	
S	1216	P S 2			613	210	
S	1410	P S 2			510	210	
S	1530	P S 2			612	210	
S	1650	P S 2			710	210	
S	1750	P S 2			810	210	
S	1850	P S 2			810	210	
S	1970	P S 2			715	210	
S	2050	P S 2			713	210	
S	2160	P S 2			713	210	
S	2280	P S 2			810	210	
S	2340	P S 2			710	210	
S	2380	P S 2			615	210	
S	2460	P S 2			613	210	
S	2630	P S 2			613	210	
S	2915	P S 2			810	210	
S	3015	P S 2			710	210	
S	3018	P S 2			610	210	
S	3211	P S 2			710	210	
S	3217	P S 2			310	210	
S	3315	P S 2			610	210	
S	3416	P S 2			615	210	
S	3518	P S 2			715	210	
S	3617	P S 2			710	210	
S	3718	P S 2			815	210	
S	3820	P S 2			510	210	
S	3817	P S 2			710	210	
S	4000	P S 2			810	210	

Description	Footage	Recovery
	40 - 47	7'
	47-57	9'
	57-67	4'
	67-72	5'
	72-78	3'
	78-80.5	1.5'
	80.5-86	1.0'
	86-92	4'
broken to blocky	92-98	5'
	98-103.5	3'
	103.5-109	5'
	109-116	4'
	116-126	3'
	126-128	0.2'
	128-133	2'
	133-147	4'
	147-153	4'
	153-155	2.5'
	158-165	2'
	165-173	2'
263-272' stable S2 45°	173-175	2'
	178-185	2.5'
	185-190	5'
	190-197	4'
	197-207	10'
	207-217	10'
	217-227	10'
	227-237	10'
	237-252	15'
	252-263.5	10'
	263.5-270	5'
	270-279	9'
	279-284	3.5'
	284-290	6.0'
	290-308	15'
	308-318	10'

DDH 77-12 (2 8)

Cyprus Anvil Mining Corp.
Geochemical Log (Sampler's Copy)

Logged By: PIC/JM
Sampled By:

	From	To	Sample No.	Description	
	10 14	16 20	22 27	MID	REC
P	12128 2	12131 2	109162 14	3.0	3.0
P	12131 2	12134 7	109162 15	3.5	3.5
P	12134 7	12137 3	109162 16	3.0	3.0
P	12137 3	12141 0	109162 17	3.7	3.7
P	12141 0	12144 0	109162 18	3.0	3.0 (3.9)
P	12144 0	12147 3	109162 19	3.3	3.3
P	12147 3	12150 6	109163 10	2.7	2.7
P	12150 6	12153 6	109163 11	3.0	2.9
P	12153 6	12157 0	109163 12	3.4	2.5
P	12157 0	12158 0	109163 13	1.0	1.0
P	12158 0	12159 7	109163 14	1.7	1.6
P	12159 7	12163 5	109163 15	4.8	4.8
P	12163 5	12171 7	109163 16	8.7	6.0
P	12171 7	12175 7	109163 17	4.0	3.7
P	12175 7	12180 5	109163 18	4.8	4.8
	12180 5	12186 0	109163 19	5.5	5.2
P	12186 0	12191 3	109164 10	4.3	3.8
P	12191 3	12192 4	109164 11	2.1	2.1
P	12192 4	12197 4	109164 12	5.0	5.0
P	12197 4	13102 4	109164 13	5.0	4.8
P	13102 4	13107 0	109164 14	4.6	4.6
P	13107 0	13110 0	109164 15	3.0	3.0
P	13110 0	13115 6	109164 16	5.0	5.0
P	13115 0	13119 7	109164 17	4.7	4.7
P	13119 7	13210 0	109164 18	1.3	1.3
P	13210 0	13214 0	109164 19	3.0	3.0
P	13214 0	13219 0	109165 16	5.0	5.0
P	13219 0	13314 0	109165 11	5.0	5.0
P	13314 0	13319 6	109165 12	5.0	5.0
P	13319 0	13414 0	109165 13	5.0	5.0
P	13414 0	13419 0	109165 14	5.0	5.0
P	13419 0	13514 0	109165 15	5.0	5.0
P	13514 0	13550 5	109165 16	5.5	2.2
P	13550 5	13625 5	109165 17	3.0	3.0

DDH 77-13 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: JWH R.L.

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1100	1520	01	#	O/B
L	1520	1610	02	3A0	
L	1610	1750	03	3C0	banded
L	1750	1102 0	04	3A0	several bands of metabasite throughout 1"-6" width
L	1102 0	1112 0	05	1E0	
L	1112 0	1610 0	06	1D0	
L	1610 0	1616 5	07	1E0	chiastolite associated
L	1616 5	2027	08	1D0	
L	2027	2051	09	1D0	non-carb. musc. > biotite
L	2051	2311 0	10	1D0	similar to 166.5 - 202.7'
L	2311 0	2313 7	11	1F5	"tuffaceous"
L	2313 7	2740	12	1D0	
L	2740	2910 0	13	1E0	
L	2910 0	3012 0	14	1D0	
L	3012 0	3162 0	15	1D0	musc. > biotite
L	3162 0	3760	16	1D4	
L	3760	3935	17	2C0	massive to banded Py 30% overall
L	3935	3955	18	2D0	Py 10-15% B.M. 5%
L	3955	4030	19	2G0	Ba 10% B.M. 5-8%
L	4030	4045	20	2H0	
L	4045	4058	21	2G0	as 19
L	4058	4097	22	2H0	
L	4097	4110	23	2D0	Py 2-3% B.M. < 5%
L	4110	4360	24	1E0	
L					
L					
L	4360	4445	25	2D0	Py = B.M. < 5%
L	4445	4500	26	2B0	graphitic
L	4500	4570	27	2C0	Py 70% siliceous frag. brecciated
L	4570	4650	28	2B0	brecciated
L	4650	4710 0	29	2C0	50% ground core and/or gouge
L	4710 0	4711 0	30	1D4	
L	4711 0	4816	31	2E1	
L	4816	4850	32	2H0	
L	4850	4870	33	2C0	Py 5-10% strongly brecciated
L	4870	4910	34	2H0	

DDH 77-13 (2–8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: I.W.M.J.R.L

Code	From (10–14)	To (16–20)	Unit (22 23)	Code (25 27)	Description
L	4910	5056.8	37	2F0	B.M. 8% combined.
L	5056.8	5105	38	2H0	
L	5105	5367	39	2D0	Py 5–10% B.M. – 5% graphitic – ribbon bands locally
L	5367	5430	40	1D4	
		EOH			
					501.5 – 506.8 2E3

DDH 77-13 (2 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: LW-M-P.C.

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description	Footage	Foot Recovered
1	10 14	16 20	22 24	26	28 32	34 38			
S		1614 0	P S R			70 Z1 10		Footage	Foot Recovered
S		1715 0	P S 2			85 Z1 10		59-71	12'
S		1817 0	P S 2			85 Z1 P		71-76	5'
S		1918 0	P S 2			70 Z1 10		76-84	8'
S		11018 0	P S 2			85 Z1 10		84-94	10'
S		11125 0	P S 2			75 Z1 10	128 → 129.5 gouge	94-99	5'
S		11315 0	P S 2			75 Z1 10		99-107	5.5'
S		11415 0	P S 2			75 Z1 10		107-112	5'
S		11517 0	P S 2			810 Z1 10		112-117	5
S		11616 0	P S 2			810 Z1 P		117-126	3.6
S		11716 0	P S 2			85 Z1 P		126-129.5	3.5
S		11816 0	P S 2			85 Z1 10		129.5-134.5	3.2
S		11915 0	P S 2			710 Z1 P		134.5-147	12.5
S		12015 0	P S 2			710 Z1 10		147-166	18'
S		12116 0	P S 2			85 Z1 10		166-176	10
S		12216 0	P S 2			810 Z1 10		176-186	10
S		12316 0	P S 2			710 Z1 10	231 → 233 gouge	186-196	10
S		12416 0	P S 2			85 Z1 10		196-216	20
S		12518 0	P S 2			75 Z1 P		216-226	10
S		12618 0	P S 2			710 Z1 P		226-236	10
S		12717 0	P S 2			615 Z1 P		236-242	6
S		12817 0	P S 2			810 Z1 P		242-247	5
S		12917 0	P S 2			715 Z1 10		247-267	20
S		13111 0	P S 2			85 Z1 10		267-277	10
S		13218 0	P S 2			85 Z1 10		277-286	9
S		13415 0	P S 2			515 Z1 P		286-296	10
S		13610 0	P S 2			75 Z1 10		296-304	8
S		13714 0	P S 2			810 Z1 10		304-311	7
S		13814 0	P S 2			810 Z1 10		311-317	6
S		13918 0	P S 2			610 Z1 10	410 → 427 steep S_2	317-327	10
S		14112 0	P S 2			30 Z1 P		327-337	10
S		14216 0	P S 2			25 Z1 P		337-345	8
S		14312 0	P S 2			415 Z1 10		345-351.5	6.5
S		14316 0	P S 2			415 Z1 10		351.5-355.5	4
S		14412 0	P S 2			310 Z1 10	441 → 450	355.5-362	6.5
S		14510 0	P S 2			05 Z1 P	steep S_2	362-379	17

DDH 77-13 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: I.W.M. + T.E.C.

Code	From	To	Feature	Sys	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		19616 O	P S 2			6P 21/10	455 - 465
SGA		19715 O	B X A				Broken + broiled
SGA		A 18 5 O	B X A				core.
							468 → 490 Broken
BX							zone.
S		14911 O	P S 2			610 21/10	
S		15109 O	P S 2			615 21P	
S		15215 O	P S 2			85 21P	
S		15410 O	P S 2			50 21P	
							535 - 540 -
							BxA + broken
							zone.
							450 →

379-384	5
384-390.5	6.5
390.5-398	7.5
398-407	9
407-414	7
414-417	3
417-422	5
422-427	5
427-436	9
436-446	10
446-457	11
457-467	10
467-476	9
476-481	5
481-496	15
496-504	5
504-514	7
514-525	11
525-535	10
535-543	8
543- EOH	

DDH 77-13 (2 / 8)

Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Logged By: J.W.M.

Sampled By: R.E.P.

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27	wid.	Rec.	
P	1317 3 0	1317 6 0	1091815 7	3	3	
P	1317 6 0	1318 1 0	1091815 8	4	4	
P	1318 1 0	1318 5 0	1091815 9	5	5	
P	1318 5 0	1318 9 0	1091816 0	4	4	
P	1318 9 0	1319 3 5	1091816 1	4.5	4.2	
P	1319 3 5	1319 5 5	1091816 2	2.0	2.0	
P	1319 5 5	1319 9 5	1091816 3	4.0	4.0	
P	1319 9 5	1410 3 0	1091816 4	3.5	3.5	
P	1410 3 0	1410 4 5	1091816 5	1.5	1.2	
P	1410 4 5	1410 5 8	1091816 6	1.3	1.3	
P	1410 5 8	1410 9 7	1091816 7	3.9	3.9	
P	1410 9 7	1411 1 0	1091816 8	1.3	1.3	
P	1436 0	1440 0	1091816 9	4.0	4.0	
P	1440 0	1444 0	1091817 0	4.0	4.0	
P	1444 0	1447 0	1091817 1	3.0	3.0	
P	1447 0	1450 0	1091817 2	3.0	3.0	
P	1450 0	1453 0	1091817 3	3.0	3.0	
P	1453 0	1457 0	1091817 4	4.0	3.7	
P	1457 0	1459 0	1091817 5	2.0	2.0	— 104
P	1459 0	1462 0	1091817 6	3.0	3.0	
P	1462 0	1465 0	1091817 7	3.0	3.0	
P	1465 0	1470 0	1091817 8	5.0	5.0	
P	1471 0	1474 0	1091817 9	3.0	3.0	
P	1474 0	1477 0	1091818 0	3.0	3.0	
P	1477 0	1482 6	1091818 1	5.6	5.6	
P	1482 6	1485 0	1091818 2	2.4	2.4	
P	1485 0	1487 0	1091818 3	2.0	2.0	
P	1487 0	1491 0	1091818 4	4.0	4.0	
P	1491 0	1496 4	1091818 5	5.4	5.4	
P	1496 4	1501 4	1091818 6	5.0	2.0	
P	1501 4	1501 8	1091818 7	5.4	4.1	
P	1501 8	1511 0 5	1091818 8	3.7	1.9	
P	1511 0 5	1515 5	1091818 9	5.0		
P	1515 5	1520 5	1091819 0	5.0		
P	1520 5	1525 5	1091819 1	5.0		
P	1525 5	1531 0	1091819 2	6.0		
P	5310	5367	0981993	57		

DDH 77-14

Diamond Drill Core Log

	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	77-14	4023.35	7978.70	15357.79	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	77-14	0 0	180.0	000.0	ATCOLLAR
R	77-14	200 0	176.0	037.0	ACID TEST
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH 77-19 (2 — 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: I.W.M & R.L.

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description	Ft. Blk	REC.
	10 14	16 20	22 24	26	28 32	34 38			
S		151 0	P S Z			75 Z 10		48 58	10
S		163 0	P S Z			75 Z 10		68 83	10 14
S		173 0	P S Z			75 Z 10		93 111	8.5 18.0
S		183 0	P S Z			55 Z 10		114	2.5 9.5
S		193 0	P S Z			65 Z 10		124	9.0
S		1 103 0	P S Z			80 Z 10		133 143	10.0
S		1 149 0	P S Z			85 Z 10		148.5	5.5 8.0
S		1 250 0	P S Z			70 Z 10		158.5 163.0	3.5
S		1 350 0	P S Z			75 Z 10		176.0	13.0
S		1 450 0	P S Z			78 Z 10		183.0	7.0 3.0
S		1 550 0	P S Z			65 Z 10		186.0	24.0
S		1 650 0	P S Z			75 Z 10		210.0 220.0	10.0
S		1 750 0	P S Z			85 Z 10		241.0	21.0
S		1 850 0	P S Z			75 Z 10		252.0	10.0 10.0
S		1 950 0	P S Z			75 Z 10		262.0	7.0
S		2 050 0	P S Z			65 Z 10		269.0 284.0	15.0
S		2 150 0	P S Z			70 Z 10		296.0	11.5 5.0
S		2 250 0	P S Z			75 Z 10		301.0 306.5	5.5
S		2 360 0	P S Z			55 Z 10		308.0	1.0 7.5
S		2 450 0	P S Z			60 Z 10		317.5	2.5
S		2 550 0	P S Z			60 Z 10		323	
S		2 649 0	P S Z			65 Z 10			
S		2 749 0	P S Z			70 Z 10			
S		2 849 0	P S Z			50 Z 10			
S		2 950 0	P S Z			65 Z 10			
S		3 049 0	P S Z			75 Z 10			
S		3 110 0	P S Z			75 Z 10			
S		3 236 0	P S Z			55 Z 10			

DDH 77-14 (2 8)

Cyprus Anvil Mining Corp.
Geochemical Log (Sampler's Copy)

Logged By: J.W.M.

Sampled By: R.E.P.

Code	From	To	Sample No.	Description	
1	10 14	16 20	22 27	Mid.	Rec
P	12913 0	12918 0	109161 18	5.0	5.0
P	12918 0	13020	109161 19	4.0	4.0
P	13020	13076	109162 0	5.0	5.0
P	13076	31105	109162 1	35	2.8
P	31105	31140	109162 2	3.5	2.6
P	31140	31185	109162 3	4.5	4.5
E					

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77-15

Project: PIT DRILLING

Location: ZONE 3

Claim:

Terr. Plane Co-ords.: N

E

Grid Co-ords.: 7,794.93 N

14,799.37 E

Elevation: 4015.97

Total Depth: 565'

Purpose: MINE DEVELOPMENT

Logged by: JM/PC Date(s) Logged: SEPT/77

Drilling Contractor: CARON

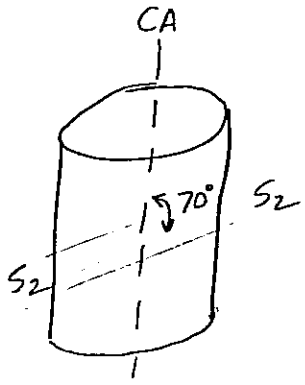
Core: Size From To

BQ 0 EOH

Collar Cased and Capped: NO

Started: JUNE 25/77 Completed: JUNE 28/77

Fabric Orientation Diagram:



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

DDH 77-15

Diamond Drill Core Log

	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	77-15	4915.97	7794.93	14799.37	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	77-15	0 0	180.0	000.0	ATCOLLAR
R	77-15	1590	175.2	013.0	
R	77-15	3590	172.0	033.0	
R	~~77-15~~	~~400~~	~~174.~~	~~.~~	~~ACID TEST~~
R	77-15	5590	168.5	053.0	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH 77-15 (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: J.W.M. & D.I.C.

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	1010 0	1655	01	#	0/B
L	1655	1770	0R	3D10	
L	1770	1354	03	3A10	
L	1354	1530	04	3BD	3A ?
L	1530	1711 7	05	3A10	
L	1711 7	1915	06	3A10	
L	1915	1965	07	3EP	
L	1965	2017 2	08	1DP	
L	2017 2	3016 0	09	1D10	Increasing muscovite, bleached
L	3016 0	4010 0	10	1D10	No white mica envelope.
L	4010 0	4116 0	11	2D10	Carbonaceous; approaches 2A 414 - 417 0.8' Acc
L	4116 0	4210 6	12	2C10	Traces of Po
L	4210 6	4244	13	2B10	
L	4244	4312	14	2D10	10% Py 4% Base metals combined
L	4312	4410	15	2H1	
L	4410	4580	16	2B10	Zones of Py gunthite and minor base metals
L	4580	4715	17	2H10	
L	4715	4925	18	1D4	
L	4925	5650	19	1CD	musc. > biotite.
		E0H			

DDH 71-15 (2 ~ 8) Cyprus Anvil Mining Corp. Page 4 of 12

Structural Log Logged By: J-W-M-dRL

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description	Ft. Bloc	Rec
S	1630		P S2			7 5 2 10		67-72	5'
S	1730		P S2			7 5 2 10		72-77	5'
S	1830		P S2			7 0 2 10		77-87	10'
S	1930		P S2			7 0 2 10		87-97	10'
S	10130		P S2			7 0 2 10		97-107	10'
S	11130		P S2			7 5 2 10		107-117	10'
S	12130		P S2			6 5 2 10		117-124	7'
S	13170		P S2			5 0 2 10	129-135 gouge	124-133	9'
S	14170		P S2			5 0 2 10		133-142	9'
S	15170		P S2			6 0 2 10		142-155	11'
S	16170		P S2			8 0 2 10		155-163	8'
S	17180		P S2			6 5 2 10		163-170	7'
S	18180		P S2			6 5 2 10	175.7-176.3 gouge	170-183	13'
S	19180		P S2			7 0 2 10	188.3-190.3 gouge	183-193	10'
S	20190		P S2			6 5 2 10		193-207	14'
S	21190		P S2			6 0 2 10		207-217	10'
S	22190		P S2			7 5 2 10		217-227	10'
S	23190		P S2			7 5 2 10		227-237	10'
S	24190		P S2			6 5 2 10		237-247	10'
S	25190		P S2			7 0 2 10		247-257	10'
S	26190		P S2			8 0 2 10		257-267	10'
S	28120		P S2			7 0 2 10		267-287	20'
S	29120		P S2			8 5 2 10		287-2955	8.5'
S	30120		P S2			8 0 2 10		2955-3025	7'
S	31120		P S2			8 5 2 10		3025-308	5.5'
S	32120		P S2			8 5 2 10		308-317	9'
S	33170		P S2			8 5 2 10		317-337	20'
S	34170		P S2			8 0 2 10		337-347	10'
S	35170		P S2			7 5 2 10		347-357	10'
S	36170		P S2			8 5 2 10		357-377	20'
S	37170		P S2			7 0 2 10		377-387	9.7'
S	38170		P S2			7 0 2 10		387-405	18'
S	39170		P S2			8 5 2 10		405-414	9'
S	40180		P S2			6 5 2 10		414-417	0.8'
S	41140		P S2			6 0 2 10		417-422	3.5'
S	42120		P S2			6 0 2 10		422-432	10'

DDH 77-15 (2 — 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: J.W.M + R.L

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description	
	10 14	16 20	22 24	26	28 32	34 38		
S		431 0	P S2			715 2110	432-442	10'
S		443 0	P S2			710 2110	442-452	10'
S		452 0	P S2			815 2110	452-458	6'
S		474 0	P S2			510 2110	458-460	1.6'
S		484 0	P S2			510 2110	460-463	3'
S		489 0	P S2			510 2110	S4 25° Z_{Axis} 463-473	10'
S		497 0	P S2			510 2110	473-478	5'
S		507 0	P S2			610 2110	S4 35° 478-502	24'
S		511 7 0	P S2			510 2110	502-513	10.5'
S		521 7 0	P S2			515 2110	513-523	10'
S		531 8 0	P S2			015 2110	532'-543' steep S2 523-531	8'
S		541 7 0	P S2			510 2110	531-537	6'
S		551 5 0	P S2			710 2110	537-547	10'
S		561 5 0	P S2			515 2110	547-555	8'
							555-565	10'

DDH 77-15

Cyprus Anvil Mining Corp.
Geochemical Log (Sampler's Copy)

Logged By: J.W.M

Sampled By: R.E.P.

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27	Wid	Rec.	
P	A1010 0	A1015 0	109161 01	5.0	5.0	
P	A1015 0	A1110 0	109161 02	5.0	5.0	
P	A1110 0	A1116 0	109161 03	6.0	4.6	
P	A1116 0	A1210 6	109161 04	4.6	3.0	
P	A1210 6	A1214 4	109161 05	3.8	3.8	
P	A1214 4	A1217 9	109161 06	3.5	3.5	
P	A1217 9	A1312	109161 07	3.3	3.3	
P	A1312	A1316 2	109161 08	5.0	5.0	
P	A1316 2	A1411 0	109161 09	4.8	4.8	
P	A1414 0	A1416 0	109161 10	5.0	5.0	
P	A1416 0	A1450 0	109161 11	4.0	4.0	
P	A1450 0	A1510 0	109161 12	4.0	4.0	
P	A1510 0	A1514 0	109161 13	4.0	4.0	
P	A1514 0	A1518 0	109161 14	4.0	4.0	
P	A1518 0	A1613 5	109161 15	5.0	5.0	
P	A1613 5	A1618 0	109161 16	5.0	5.0	
P	A1618 0	A1714 5	109161 17	3.5	3.5	
P	A1714 5	A1810 0	109161 18	3.5	3.5	

DDH 87-16 (2–8) Cyprus Anvil Mining Corp. Page 3 of 61

Lithologic Log Logged By: J.W.M.

Code	From	To	Unit	Code	Description
	10–14	16–20	22 23	25–27	
L	1100	1110	01	#1	01B
L	1110	1104	02	3D8	– Very minor calc-silicate bands: not unlike 3A – except calcareous throughout.
L	1104	1053	03	3C0	
L	1053	1235	04	3D8	As in unit 02
L	1235	1252	05	3C0	
L	1252	1320	06	3A0	– numerous bands of a metabasite
L	1320	1355	07	3C0	
L	1355	1488	08	3A0	
L	1488	1570	09	BCP	As in unit 07 – banded
L	1570	1670	10	3A0	increasing amount graphite
L	1670	1792	11	3EA	– graphitic schist.
L	1792	1822	12	3C0	banded
L	1822	1970	13	3A0	
L	1970	2002	14	3E0	
–	2002	2358	15	1DP	–
L	2358	3190	16	3C0	– banded, tuffaceous.
					CONTINUED NEXT SHEET.

DDH 87-16 Cyprus Anvil Mining Corp. Page 1 of 2

Lithologic Log Logged By: JC

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	3410 8	3714 0	17	1C1A	
L	3714 0	3912 0	18	1D10	
L	3912 0	3917 0	19	1E10	
L	3917 0	4310 0	20	1D10	Muscovite > biotite for top ½ of interval.
L	4310 0	4312 0	21	2A10	
L	4312 0	4317 0	22	2B12	No base metals. lower portion carbonaceous.
L	4317 0	4318 0	23	2C10	Marcasite in bands.
L	4318 0	4319 5	24	1D14	
L	4319 5	4415 0	25	2A10	Marcasite occuring in upper portion 2'
L	4415 0	4510 0	26	2C10	Marcasite occuring locally.
L	4510 0	4610 0	27	2F10	
L	4610 0	4617 0	28	2B10	Pyrrhotite present in top 1'. Marcasite in bottom 1'
					Base metals overal < 5%
L	4617 0	4975	29	2G10	Minor amounts of pyrrhotite and magnetite. Grade 10% combined Pb/Zn
					'buckshot' texture. Marcasite present in
					lower 5'.
L	4975	5015	30	2H10	Large pyrite crystals occuring
L	5015	5145	31	2C10	Minor amounts of pyrrhotite locally. BM < 5%
L	5145	5212 0	32	2A10	Base metals 5%
L	5212 0	5335	33	1D14	
L	5335	6700	34	1D10	EOH

DDH 77-16 (2 — 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JWM

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description	Ft. Blw.	Rec.
	10 14	16 20	22 24	26	28 32	34 38			
S		113 0	P S Z			75 Z1 P		13	4.5
S		123 0	P S Z			710 Z1 10		17.5	4.5
S		133 0	P S Z			710 Z1 10		225 295	7.0
S		143 0	P S Z			75 Z1 10		39.0	9.5
S		153 0	P S Z			518 Z1 10		470	8.0 10.0
S		163 0	P S Z			710 Z1 10		57.0	10.0
S		175 0	P S Z			75 Z1 10		67.0 77.0	10.0
S		1107 0	P S Z			75 Z1 10		85.0	1.4
S		1117 0	P S Z			65 Z1 10		97.0	1.4
S		1127 0	P S Z			68 Z1 10		107.0	2.0 10.0
S		137 0	P S Z			610 Z1 10		117.0	10.0
S		1147 0	P S Z			70 Z1 10		127.0 137.0	10.0
S		157 0	P S Z			610 Z1 P		147.0	10.0
S		167 0	P S Z			75 Z1 10		157.0	10.0
S		177 0	P S Z			85 Z1 10		167.0	10.0
S		187 0	P S Z			810 Z1 10		177.0 187.0	10.0
S		197 0	P S Z			810 Z1 10	-gouge materide	197.0	9.4 10.0
							197 - 200 Fault?	207 217	10.0
								227 237	10.0 10.0
S		211 P 0	P S Z			810 Z1 P		247.0 257.0	10.0 10.0
S		218 0	P S Z			55 Z1 P	Cal 6'	267	10.0 10.0
S		2127 0	P S Z			70 Z1 P		277 287	10.0
S		2137 0	P S Z			715 Z1 10		307	20.0 10.0
S		2147 0	P S Z			710 Z1 10		317 327	10.0
S		2157 0	P S Z			712 Z1 10		337	10.0 10.0
S		2167 0	P S Z			69 Z1 10		347 357	10.0
S		2177 0	P S Z			715 Z1 P		367	10.0
S		2817 0	P S Z			74 Z1 10			
S		2917 0	P S Z			618 Z1 10			
S		3017 0	P S Z			69 Z1 10			
S		317 0	P S Z			81 Z1 P			
S		3217 0	P S Z			714 Z1 10			
		3317 0	P S Z			818 Z1 10			
S		3417 0	P S Z			810 Z1 10			
S		3517 0	P S Z			80 Z1 10			
S		3617 0	P S Z			82 Z1 10			

DDH 77-16 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: PIC

Code	From	To	Feature	Eq Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description	Footage	Recovery
	10 14	16 20	22 24	26	28 32	34 38			
S	1363	0 P 1 S 2				80 21 10		377 - 387	10'
S	1372	0 P 1 S 2				710 21 10		387 - 397	10'
S	1381	40 P 1 S 2				715 21 10		397 - 407	10'
S	1391	20 P 1 S 2				710 21 10		407 - 417	10'
S	1401	60 P 1 S 2				810 21 10		417 - 427	10'
S	1411	60 P 1 S 2				810 21 10		427 - 437	10'
S	1421	70 P 1 S 2				810 21 10		437 - 447	10'
S	1436	0 P 1 S 2				713 21 10		447 - 457	10'
S	1446	0 P 1 S 2				710 21 10		457 - 467	10'
S	1461	0 P 1 S 2				615 21 10		467 - 477	10'
S	1476	0 P 1 S 2				515 21 10		477 - 487	10'
S	1487	0 P 1 S 2				615 21 10		487 - 507	20'
S	1507	0 P 1 S 2				615 21 10		507 - 517	10'
S	1517	0 P 1 S 2				617 21 10		517 - 527	10'
S	1527	0 P 1 S 2				612 21 10		527 - 537	10'
S	1537	0 P 1 S 2				511 21 10		537 - 547	10'
S	1547	0 P 1 S 2				510 21 10		547 - 554	7'
S	1556	0 P 1 S 2				318 21 10		554 - 567	9'
S	1567	0 P 1 S 2				318 21 10		567 - 577	10'
S	1577	0 P 1 S 2				615 21 10		577 - 587	10'
S	1587	0 P 1 S 2				618 21 10		587 - 591.5	4.5'
S	1598	0 P 1 S 2				518 21 10		591.5 - 599	7'
S	1609	0 P 1 S 2				611 21 10		599 - 604	5'
S	1616	0 P 1 S 2				610 21 10		604 - 609	5'
S	1631	0 P 1 S 2				519 21 10		609 - 616	7'
S	1641	2 0 P 1 S 2				610 21 10	59 ± 25/20	616 - 623	6½'
S	1651	20 P 1 S 2				48 21 10	30/210	623 - 633.5	10.5'
S	1661	60 P 1 S 2				710 21 10		633.5 - 644	11'
								644 - 650	5'
								650 - 660	10'
								660 - 670	10'

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

e Number: 77-17

ject: PIT DRILLING

ation: ZONE 3

Claim:

Terr. Plane Co-ords.: N

E

Grid Coords.: 8,190.04 N

14,784.14 E

Elevation: 4026.30

otal Depth: 650'

urpose: MINE DEVELOPMENT

ogged by: JM/RL Date(s) Logged: OCT /77

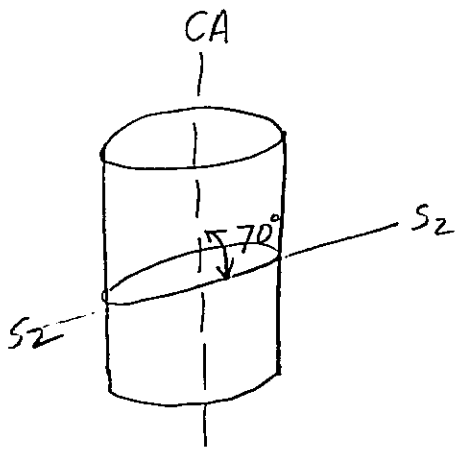
rilling ontractor: CARON Core:

Size	From	To
NQ	0	EOH

Collar Cased and Capped:

Started: JUNE 29/77 Completed: JULY 3/77

Fabric Orientation Diagram:



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

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DH 77-17

Drillhole	Elevation	Northing	Easting	Comments
2–8	10–16	17–24	25–32	34–48
77-17	4026.30	81904.04	14784.14	

Drillhole	Depth	Zenith Angle	True Azimuth	Comments
2–8	10–14	22–26	28–32	34–56
77-17	00	180.0	0000.0	AT COLLAR
77-17	2460	176.1	918.0	
77-17	4460	175.5	0553.0	
77-17	6460	175.9	0688.0	
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		.	.	
		.	.	

Code	Drillhole	Comments, Errant Remarks, Snivellings and/or Lewd Suggestions
1	2–8	10–47

DDH 77-17 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: J W M & R L

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1100	1550	01	#	O/B
L	1550	1610	02	3D0	
L	1610	1365	03	3A0	- bands 3D, 1D throughout
L	1365	1430	04	3F0	banded.
L	1430	1645	05	1D0	
L	1645	1740	06	1E0	
L	1740	1795	07	1F0	- metabasite, banded, "tuffaceous"
L	1795	1980	08	1E0	
L	1980	2105	09	1D0	
L	2105	2360	10	1E0	
L	2360	2755	11	1D0	musc ± biotite.
L	2755	2910	12	1F0	well banded, broken & sheared core.
L	2910	3560	13	1D0	
L	3560	3720	14	1D0	biotite > muscovite
L	3720	3790	15	1D4	may be related to fault zone directly above 1D4 3718–372
L	3790	4430	16	1D0	
L	4430	4590	17	1D4	"bleached zone"
L	4590	4690	18	2C0	20% Py, 1-2% base metals,
L	4690	4713	19	2D0	massive.
L	4713	4730	20	2B0	Banded
L	4730	4750	21	2G0	chalcopyrite 0.2%
L	4750	4810	22	2H6	siliceous fragments; top foot 2B0, grade 5%
L	4810	4910	23	2G0	base metal 2-4% base metal
L	4910	4980	24	2G7	massive to banded.
L	4980	5100	25	1E0	
L	5100	5167	26	1E1	not typically 1E 1K?
L	5167	5277	27	1E0	
L	5277	5290	28	2D0	Py 5% B.M. 5%
L	5290	5323	29	2B0	
L	5323	5435	30	2G0	massive
L	5435	5525	31	2H8	massive
L	5525	5551	32	2E1	
L	5551	5685	33	2F0	
L	5685	5780	34	2H8	siliceous near end of interval
L	5780	5847	35	2F0	

DDH 77-17 Cyprus Anvil Mining Corp. Page 4 of 7

Lithologic Log Logged By:

Code	From	To	Unit	Code	Description
L	15847	15870	3,6	2,D,0	5% B.M. 5% Py
L	15870	16040	3,7	2,C,0	numerous stringers of Py ± Chalcopyrite
L	16040	16060	3,8	2,D,0	as in above unit Py ± Chalco 1- 52
L	16060	16086	3,9	2,B,0	
L	16086	16140	4,0	2,A,0	
L	16140	16156	4,1	2,B,0	gouge
L	16156	16176	4,2	2,B,0	last 0.2' gouge
L	16176	16210	4,3	2,C,0	massive to banded, patches of marcasite
L	16210	16230	4,4	1,D,0	
L	16230	16305	4,5	1,D,4	fairly siliceous
L	16305	16500	4,6	1,D,0	
		EOH			

DDH 77-17 (2 8) Cyprus Anvil Mining Corp. Structural Log

Logged By: JM / RL

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description	FOOTAGE	RECOVERED
1	10 14	16 20	22 24	26	28 32	34 38			
S	1517	0 P 1 5 2			418	2 1 0		67-72	5'
S	1618	0 P 1 5 2			710	2 1 0		72-79	6.6'
S	1813	0 P 1 5 2			716	2 1 0		79-87	8'
S	1912	0 P 1 5 2			816	2 1 0		87-93	6'
S	1 1 10	0 P 1 5 2			715	2 1 0		93-101	7'
S	1 1 2 10	0 P 1 5 2			815	2 1 0		101-110	9'
S	1 1 2 18	0 P 1 5 2			814	2 1 0		110-1225	12.5'
S	1 1 4 13	0 P 1 5 2			810	2 1 0		122.5-128	3.8'
S	1 1 5 13	0 P 1 5 2			815	2 1 0		128-131	1.9'
S	1 1 6 14	0 P 1 5 2			712	2 1 0		131-136	1.6'
S	1 1 7 15	0 P 1 5 2			517	2 1 0		136-141	0.2'
S	1 1 8 17	0 P 1 5 2			715	2 1 0		141-143	2'
S	1 1 9 17	0 P 1 5 2			712	2 1 0		143-153	10'
S	2 0 1 9	0 P 1 5 2			713	2 1 0		153-164	11'
S	2 1 1 9	0 P 1 5 2			815	2 1 0		164-169	5'
S	2 2 1 8	0 P 1 5 2			610	2 1 0		169-187	19'
S	2 3 1 8	0 P 1 5 2			715	2 1 0		187-192	5'
S	2 4 1 9	0 P 1 5 2			715	2 1 0		192-202	10'
S	2 6 1 0	0 P 1 5 2			710	2 1 0		202-212	10'
S	2 7 1 0	0 P 1 5 2			810	2 1 0		212-216	4'
S	2 8 1 0	0 P 1 5 2			610	2 1 0	222.3-224.4 gouge	216-224	6'
S	2 9 1 1	0 P 1 5 2			810	2 1 0		224-228	2'
S	3 0 1 1	0 P 1 5 2			715	2 1 0	230-233 gouge	228-233	5'
S	3 1 1 1	0 P 1 5 2			710	2 1 0		233-255	17'
S	3 2 1 2	0 P 1 5 2			715	2 1 0		255-273	18'
S	3 3 1 6	0 P 1 5 2			810	2 1 0		273-283	10'
S	3 4 1 2	0 P 1 5 2			510	2 1 0		283-286	3'
S	3 5 1 6	0 P 1 5 2			710	2 1 0		288-290	2'
S	3 6 1 6	0 P 1 5 2			515	2 1 0		290.5-300	9'
S	3 7 1 6	0 P 1 5 2			710	2 1 0		300-310.5	10.5'
S	3 8 1 6	0 P 1 5 2			515	2 1 0		310.5-321	10.5'
S	3 9 1 6	0 P 1 5 2			710	2 1 0		321-336	5'
S	4 0 1 8	0 P 1 5 2			615	2 1 0	342.7-343.7	336-346	10'
S	4 1 1 8	0 P 1 5 2			710	2 1 0	345.5-350' broken ground	346-356	10'
S	4 3 1 2	0 P 1 5 2			815	2 1 0		356-376	20'
S	4 4 1 4	0 P 1 5 2			715	2 1 0		376-386	10'

DDH 87-17 (2 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JM/RL

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description	
	10 14	16 20	22 24	26	28 32	34 38		
S		4530	P S2			510 210	386-396	10'
S		4620	P S2			215 210	396-408	11'
S		4730	P S2			510 210	408-413	5'
S		4940	P S2			315 210	413-418	4.5'
S		5040	P S2			710 210	418-433	6.4'
S		5140	P S2			610 210	433-443	4.3'
S		5240	P S2			610 210	443-448	5'
S		5340	P S2			710 270	448-479	31'
S		5460	P S2			310 210	479-489	10'
S		5950	P S2			710 210	489-499	10'
S		6050	P S2			510 210	499-509	10'
S		6140	P S2			415 210	509-519	10'
S		6320	P S2			210 210	517-529	10'
S		6410	P S2			215 210	529-539	10'
S		6470	P S2			710 210	539-542.5	9.5'
S		EOH	P S2			110 210	548.5-553	5.5'
							553-563	7'
							563-568.5	5'
							568.5-586	17.5'
							586-590	4'
							590-600	9.5'
							600-610	10'
							610-620	10'
							620-630	10'
							630-640	10'
							640-650	10'
							EOH	

614.5'-615.5' fault zone + gouge

630-644 steeply dipping S2

648 - EOH steep S2

DDH 77-17 (2 / 8)

Cyprus Anvil Mining Corp.
Geochemical Log (Sampler's Copy)

Logged By: J.W.M. + R.L.
Sampled By: R.E.P.

Code	From	To	Sample No.	Description	
1	10 14	16 20	22 27	Mid	Rec
P	14519 0	14614 0	109161800	5.0	5.0
P	14614 0	14690	109161811	5.0	5.0
P	14690	14730	109161812	4.0	4.0
P	14730	14750	109161813	2.0	2.0
P	14760	14780	109161814	3.0	3.0
P	14780	14810	109161815	3.0	2.7
P	14810	14850	109161816	4.0	4.0
P	14850	14900	109161817	5.0	5.0
P	14910	14940	109161818	4.0	4.0
P	14940	14980	109161819	4.0	4.0
P	14980	15040	109161900	6.0	6.0
P	15210	15290	109161911	2.0	1.8
P	15290	15332	109161912	3.3	3.3
P	15332	15372	109161913	5.0	5.0
P	15372	15402	109161914	3.0	3.0
P	15402	15435	109161915	3.2	3.2
P	15435	15485	109161916	5.0	5.0
P	15485	15535	109161917	5.0	5.0
P	15535	15551	109161918	1.6	1.6
P	15551	15601	109161919	5.0	4.0
P	15601	15614	109171001	4.0	3.3
P	15614	15685	109171511	4.4	3.7
P	15685	15735	109171512	5.0	5.0
P	15735	15780	109171513	4.5	4.5
P	15780	15811	109171514	3.0	3.0
P	15811	15847	109171515	3.7	3.7
P	15847	15870	109171516	2.3	2.3
P	15870	15920	109171517	5.0	5.6
P	15920	15970	109171518	5.0	5.0
P	15970	16000	109171519	3.0	3.0
P	16000	16040	109171600	4.0	4.0
P	16040	16086	109171601	4.6	4.6
P	16086	16111	109171602	2.4	2.3
P	16111	16141	109171603	3.0	3.0
P	16141	16176	109171604	3.6 1.9	1.9
P	16176	16224	109171605	4.8	4.8

1.7 feet final Sample not Sampled.

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77-18

Project: PIT DRILLING

Location: ZONE 1

Claim: —

Terr. Plane Co-ords.: — N

E

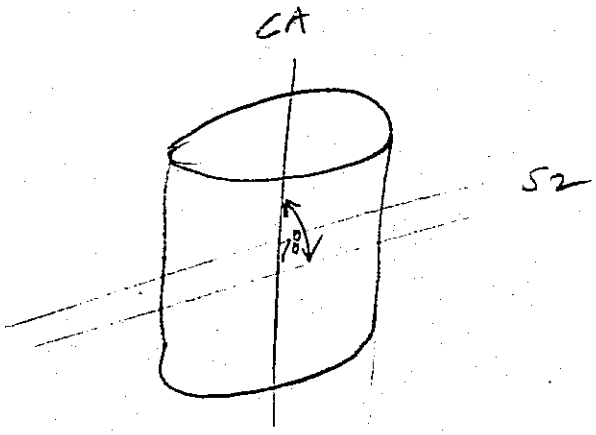
Grid Co-ords.: 9790.36 N

14,417.42 E

Elevation: 3831.10

Total Depth: 307'

Fabric Orientation Diagram:



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

Purpose: MINE DEVELOPMENT

Logged by: P.I.C. Date(s) Logged: OCT. /77

Drilling Contractor: CARON

Core:	Size	From	To
	BQ	0	EOH

Collar Cased and Capped: NO

Started: JULY 3RD Completed: JULY 4TH

DDH 77-18

Diamond Drill Core Log

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	77-18	3331.10	9790.36	1441.712	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	77-118	0 0	172.9	317.10	ATCOLLAR AZIMUTH TAKEN
R	77-118	1010	172.3	317.10	FROM STATION
R	77-118	1210	177.1	317.10	PROPERTY. SEE
R			.	.1	TELEX CLARKE → JENNIN
R			.	.	24-10-77
R			.	.	
R			.	.	
R			.	.	
			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

Code	Drillhole	Comments, Errant Remarks, Snivellings and/or Lewd Suggestions
1	2 8	10 47

DDH 77-28

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PLC

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1010	1260	01	##	— Missing
L	1260	1310	02	2F1	Only 10% combined locally. Minor barite
L	1310	1360	03	2E0	Minor magnetite locally. [Box to 51' badly disorganized.]
L	1360	1470	04	2E1	Base metals present <5%
L	1470	1535	05	2F0	10% combined
L	1535	1570	06	2E0	Minor base metal and barite locally
L	1570	1620	07	2E2	
L	1620	1690	08	2E6	
L	1690	1705	09	2F6	10% combined +
L	1705	1715	10	2E6	
L	1715	1765	11	2F6	
L	1765	1865	12	2C6	Mostly quartz with extensive pyrite
L	1865	1130	13	2A6	Less pyrite & locally carbonaceous
L	1130	1280	14	2A0	Minor barite. Very pyritic lower 3'
L	1280	1410	15	2F6	129–131 pyritic. 10% combined [illegible]
L	1410	1490	16	2C6	
L	1490	1530	17	2F6	
L	1530	1690	18	2C0	Locally carbonaceous and locally barite
					Overall 5% comb.
L	1690	1870	19	2E0	No barite
L	1870	1920	20	3D0	Minor barite at lower portion
L	1920	2110	21	2E0	[187–210 Box somewhat disorganized]
					Contains some base metal & minor quartzite.
L	2140	2190	22	2D6	
L	2190	2520	23	2D0	Minor barite
L	2520	2870	24	2C0	Minor barite. Last 2½ inches semi-mas.
L	2870	2920	25	2E0	Barite — in top section
L	2920	2970	26	2D0	5% comb.
L	2970	3070	27	1D4	EOH

DDH 2 22-19 8 Cyprus AMAX Minerals Corp.

Structural Log

Logged By: PJC

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		
							0 to 24-5' Overburden	
							Fault Zone	Rec'd
S		16'9"	P S 2			5 10 21 10	0 - 26.0	—
S		9'6"	P S 2			3 10 21 10	11-96 26.0-33	7½'
S		11'7"	P S 2			7 10 21 10	Top S2 33 - 40	5'
S		12'5"	P S 2			7 10 21 10	40 - 47	7'
S		14'3"	P S 2			7 5 21 10	47 - 51	4'
S		14'5"	P S 2			6 10 21 10	51 - 57	6'
S		15'5"	P S 2			3 5 21 10	57 - 64	7'
S		16'4"	P S 2			7 3 21 10	64 - 71	7'
S		21'5"	P S 2			6 0 21 10	71 - 76	5'
S		22'11"	P S 2			6 5 21 10	76 - 90	2'
S		23'1"	P S 2			5 5 21 10	90 - 96	15'
S		27'10"	P S 2			4 5 21 10	96 - 101	3'
S		28'10"	P S 2			6 0 21 10	101 - 103	1'
S		29'6"	P S 2			2 5 21 10	236-237) 103 - 104	1'
S		30'10"	P S 2			4 5 21 10	Gouge 104 - 105	1'
S		30'5"	P S 2			6 10 21 10	105 - 113	8'
							113 - 118	5'
							118 - 127	9'
							127 - 131	4'
							131 - 137	2'
							137 - 141	4'
							141 - 153	8'
							153 - 157	4'
							157 - 163	6'
							163 - 167	4'
							167 - 173	3½'
							173 - 177	3'
							179 - 184	4'
							184 - 187	3'
							187 - 189	1'
							189 - 194	4'
							194 - 204	10'
							204 - 215	9'
							215 - 217	2'
							217 - 227	10'

DDH 77-18 (2 / 8)

Cyprus Anvil Mining Corp.
Geochemical Log (Sampler's Copy)

Logged By: [illegible]

Sampled By: [illegible]

Code	From	To	Sample No.	Description	
1	10 14	16 20	22 27	WIDTH (FT)	RECOV FT
P	1216 0	1311 0	109718	5	3.5
P	1311 0	1316 0	109719	5	4
P	1316 0	1410 0	109810	4	4
P	1410 0	1413 0	109811	3	3
P	1413 0	1417 0	109812	4	4
P	1417 0	1510 0	109813	3	3
P	1510 0	1513 5	109814	3.5	2.5
P	1513 5	1516 0	109815	2.5	2.5
P	1516 0	1519 0	109816	3	3
P	1519 0	1612 0	109817	3	3
P	1612 0	1616 0	109818	4	4
P	1616 0	1619 0	109819	3	3
P	1619 0	1710 5	109910	2.5	2.5
P	1710 5	1711 5	109911	1.5	1.5
P	1711 5	1716 5	109912	5	5
P	1716 5	1811 5	109913	5	2.5
P	1811 5	1816 5	109914	5	5
P	1816 5	1911 0	109915	4.5	4.5
P	1911 0	1916 0	109916	5	5
P	1916 0	1101 0	109917	5	3
P	1101 0	1106 0	109918	5	3
P	1106 0	1113 0	109919	7	2½
P	1113 0	1118 0	109920	5	5
P	1118 0	1123 0	109921	5	5
P	1123 0	1128 0	109922	5	5
P	1128 0	1132 0	109923	4	4
P	1132 0	1137 0	109924	5	2
P	1137 0	1141 0	109925	4	4
P	1141 0	1145 0	109926	4	4
P	1145 0	1149 0	109927	4	3
P	1149 0	1153 0	109928	4	3
P	1153 0	1157 0	109929	4	4
P	1157 0	1161 0	109930	4	3
P	1161 0	1165 0	109931	4	3
P	1165 0	1169 0	109932	4	3
P	1169 0	1174 0	109933	5	2

DDH 77-18 (2 8)

Cyprus Anvil Mining Corp.
Geochemical Log (Sampler's Copy)

Logged By: RJC

Sampled By: RJC

Code	From	To	Sample No.	Description	
1	10 14	16 20	22 27	WIDTH	BELOW
P	1170	1179	019934	5'	2'
P	1179	1186	019935	5	4
P	1186	1187	019936	3	3
P	1187	1192	019937	5	5'
P	1192	1195	019938	3	3
P	1195	2190	019939	5	4
P	2100	2105	019940	5	4
P	2105	2110	019941	5	4
P	2110	2114	019942	4	3
P	2114	2119	019943	5	5
P	2119	2124	019944	5	5
P	2124	2129	019945	5	5
P	2129	2134	019946	5	5
P	2134	2139	019947	5	5
P	2139	2143	019948	4	4
P	2143	2147	019949	4	4
P	2147	2152	019950	5	5
P	2152	2157	019951	5	5
P	2157	2162	019952	5	2.5
P	2162	2167	019953	5	2.5
P	2167	2172	019954	5	4
P	2172	2177	019955	5	5
P	2177	2182	019956	5	5
P	2182	2187	019957	5	5
P	2187	2192	019958	5	5
P	2192	2197	019959	5	5

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77-20

Project: D-1 Drilling

Location: ZONE 1

Claim: —

Terr. Plane Co-ords.: — N

E

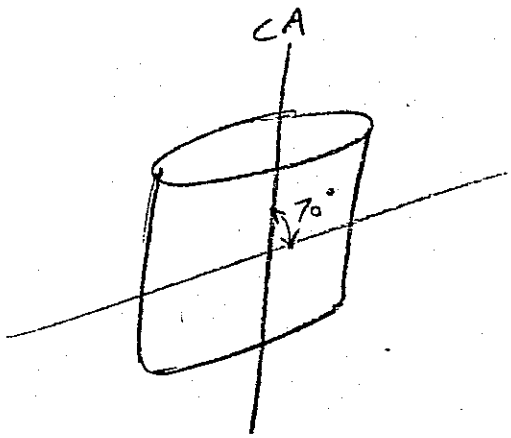
Grid Co-ords.: 9925.24 N

14,437.79 E

Elevation: 3866.90

Total Depth: 97'

Fabric Orientation Diagram:



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

Purpose: Mine Development

Logged by: J.W.M. Date(s) Logged: Aug/77

Drilling Contractor: Caron

Core:

Size	From	To
BQ	0	EOH

Collar Cased and Capped: n/a

Started: July 5TH Completed: July 5TH

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 77-20

Code	Drillhole	Elevation	Northing	Easting	Comments
T	77-20	3866.90	9925.24	14437.79	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
R	77-20	0 0	180.0	000.0	ATCOLLAR
R	77-20	950	180.0	000.0	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH 77-29

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: J.W.M

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	112.6	121.0	01	2E10	2EC - base metal poor ≈ 15-20% py
L	121.0	129.0	02	2E10	≈ 5-10% py
L	129.0	3106	03	2C1	- mon. py
L	3106	3125	04	2D0	
L	3125	3145	05	2C10	
L	3145	3162	06	2C10	- less pyrite
L	3162	4110	07	2D4	
L	4110	4556	08	2D1	minor base metals - well banded
L	4556	4770	09	2C0	
L	4770	5110	10	2C0	
L	5110	5223	11	2E1	
L	5223	5412	12	2F2	→ 2F24
L	5412	6650	13	2B0	
L	6650	9110	14	1D4	(1CD4)
L	9110	9970	15	1C0	musc7 biotite, andalusite abundant.
		EOH			

DDH 77-20

Cyprus Anvil Mining Corp.

Structural Log

Logged By: MC

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		312.5	PS2			65 2/10	
S		450	PS2			58 2/10	
S		580	PS2			60 2/10	
S		680	PS2			75 2/10	
S		687	PS2			68 2/10	
S		820	AS2			55 2/10	
S		950	PS2			65 2/10	

DDH 77-20

Cyprus Anvil Mining Corp.
Geochemical Log (Sampler's Copy)

Logged By: I.W.M.

Sampled By: R.E.P.

Code	From	To	Sample No.	Description	
	10 14	16 20	22 27	Rec.	wid
P	11126	11170	191214	3.5	4.4
P	11170	12110	191215	4.0	4.0
P	12110	12150	191216	4.0	4.0
P	12150	12190	191217	4.0	4.0
P	12190	13106	191218	1.6	1.6
P	13P6	13125	191219	1.9	1.9
P	13125	13145	191310	2.0	2.0
P	13145	13162	191311	1.7	1.7
P	13162	14110	191312	3.6	3.8
P	14110	14156	191313	4.6	4.6
P	14156	14170	191314	1.9	1.9
P	14170	15116	191315	3.0	4.0
P	15116	15142	191316	3.2	3.2
P	15142	15180	191317	3.8	3.8

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77-21

Project: PIT DRILLING

Location: ZONE 1

Claim: -

Terr. Plane Co-ords.: - N

E

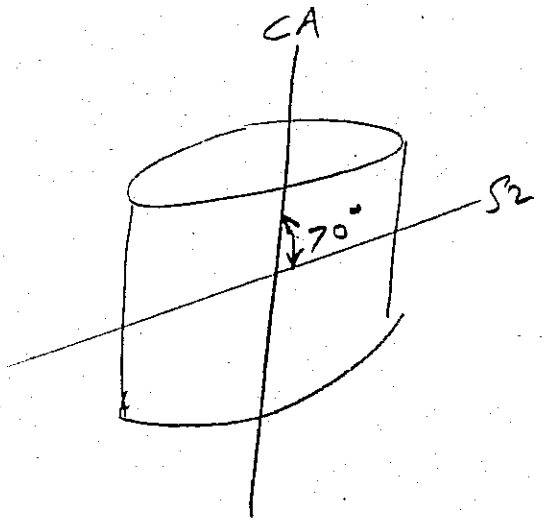
Grid Co-ords.: 9957.90 N

14,355.83 E

Elevation: 3853.00

Total Depth: 84'

Fabric Orientation Diagram:



All symmetry determinations looking NW with S2 dipping SW with dip azimuth 210.

Purpose: MINE DEVELOPMENT

Logged by: P.I.C. Date(s) Logged: OCT/77

Drilling Contractor: CARON

Core:	Size	From	To
	BQ	0	EOH

Collar Cased and Capped: NO

Started: JULY 6th Completed: JULY 6th

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 77-21

	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	77-21	3853.00	9957.90	14355.83	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	77-21	00	180.00	000.0	AT COLLAR
R	77-21	800	180.00	000.0	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH 77-21 (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: PIC

Code	From	To	Unit	Code	Description
	14	16 20	22 23	25 27	
L	0000	0095	01	#	Not present
L	0095	0210	02	2C0	Pyrite 20% Brecciated
L	0210	0435	03	2C0	Pyrite 10%. locally to 20% Banded
L	0435	0505	04	2F0	10% combined
L	0505	0570	05	2D0	5% base metals. Sphalerite > galena
L	0570	0780	06	1D4	@ 80' 2" slug almost solid galena with Qtz locally
L	0780	0830	07	2B0	No base metals
L	0830	0840	08	2D0	EOH

DDH 7724 Cyprus Anvil Mining Corp. Page 2 of 5

Structural Log Logged By: MC

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		215	PS12			45 210	FRACTURES RECOV
S		320	PS12			45 210	
S		360	PS12			50 210	0 – 9.5 MISSING.
S		410	PS12			50 210	9.5 – 11 1.5
S		600	PS12			70 210	11 – 21 10
S		680	PS12			50 210	21 – 28.5 7.5
S		790	PS12			50 210	28.5 – 35.5 7
							35.5 – 41.5 6
							41.5 – 50.0 6
							50.0 – 60.5 10'
							60.5 – 67.5 7
							67.5 – 78.0 10.5
							78 – 84 5

DDH 77-21

Cyprus Anvil Mining Corp.
Geochemical Log (Sampler's Copy)

Logged By: PIC

Sampled By: PIC

Code	From	To	Sample No.	Description		
	10 14	16 20	22 27		WIDTH	REC
P	195	130	097666		3.5	3.5
P	130	160	097667		3.0	3.0
P	160	210	097668		5.0	5.0
P	210	260	097669		5.0	5.0
P	260	310	097670		5.0	5.0
P	310	360	097671		5.0	5.0
P	360	410	097672		5.0	5.0
P	410	435	097673		2.5	1.4
P	435	475	097674		4.0	2.6
P	475	505	097675		4.0	2.6
P	505	535	097676		3.5	3.5
P	535	570	097677		3.5	3.5
P	1825	1840	097678		1.5	1.5

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: DS-77-1

Project: Pit Drilling

Location: Dumpsite

Claim:

Terr. Plane Co-ords.: _____ N

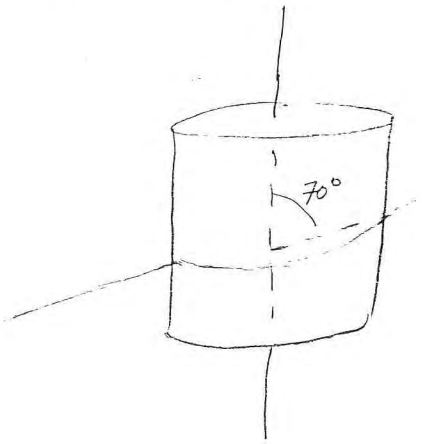
_____ E

Grid Co-ords.: 59-2.[illegible] N

1818.30 E

Elevation: 3908.06

Fabric Orientation Diagram:



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

Total Depth: 995'

Purpose: Dumpsite Hole

Logged by: J.W. MUSTARD Date(s) Logged: Aug/77

Drilling Contractor: CYRON

Core:	Size	From	To
	BQ	0	EOH

Collar Cased and Capped: NO

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH DS-77-1
2 8

C	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	DS-77-1	3908.42	5970.11	18186.39	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	DS-77-1	0 0	180.0	000.0	AT COLLAR
R	DS-77-1	189 0	176.0	041.0	
R	DS-77-1	389 0	175.2	038.0	
R	DS-77-1	589 0	176.5	041.0	
R	DS-77-1	789 0	176.7	048.0	
R	DS-77-1	989 0	178.0	041.0	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

Code	Drillhole	Comments, Errant Remarks, Snivellings and/or Lewd Suggestions
1	2 8	10 47

DDH 75-77-1 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: J.W.M.

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	1 1 10 0	1 12 10 3	01	* 1 1	Ovr.-burden.
L	1 12 10 3	1 14 8 0	02	1 C 10	
L	1 14 8 0	1 15 6 0	03	01E10	- pgrp diorite near contact - no discern-ble attitudes.
	1 1 1	1 1 1	1	1 1	
L	1 15 6 0	13 14 2	04	01E10	gouge zone 173.0 - 174.4
L	13 14 2	13 19 5	05	01C10	- gouge zone as well- very "milky"
L	13 19 5	13 15 9 5	06	01E10	
L	13 15 9 5	13 17 17 3	07	01C10	gouge material from 359.5 - 362
L	13 17 17 3	13 17 9 6	08	01E10	
L	13 17 9 6	13 19 11 0	09	01C10	gouge material 390.5 - 392.0
L	13 19 11 0	14 10 15 0	10	01E10	
L	14 10 9 0	14 12 17 0	11	01C10	
L	14 12 17 0	14 13 7 0	12	01E10	broken material @ 436 - 437
L	14 13 17 0	14 15 9 0	13	01C10	
L	14 15 9 0	14 16 17 0	14	01E10	
L	14 16 17 0	14 18 16 0	15	01C10	
L	14 18 16 0	14 19 13 0	16	01E10	
L	14 19 13 0	14 19 14 5	17	01C10	
L	14 19 14 5	15 10 9 6	18	01E10	
L	15 10 9 6	15 11 A 2	19	01C10	
L	15 11 14 2	15 12 12 0	20	01E10	
L	15 12 12 0	15 12 8 3	21	01C10	
L	15 12 8 3	15 15 16 5	22	01E10	
L	15 15 16 5	15 16 14 7	23	01C10	
L	15 16 14 7	15 18 14 3	24	01E10	
L	15 18 14 3	16 14 10 2	25	01C10	
L	16 11 0 2	16 14 17 0	26	01D10	
L	16 14 17 0	16 15 16 4	27	01C10	- weathered & broken core 651 - 656
L	16 15 16 4	17 15 14 3	28	01D10	
L	17 15 14 3	17 15 17 0	29	01C10	
L	17 15 17 0	17 16 12 0	30	01D10	
L	17 16 12 0	17 18 10 0	31	01C10	
L	17 18 10 0	17 19 15 0	32	01D10	
L	17 19 15 0	17 19 17 2	33	01C10	
L	17 19 17 2	18 01 5	34	01D10	
L	18 01 5	18 02 0	35	01C10	

DDH DS-77-1 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: L.W.M

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	18102 0	18107 0	316	01D0	
L	18107 0	18108 5	317	0F10	
L	18085	18718 0	318	01D0	
L	18718 0	19222 0	319	0F10	
L	19222 0	19310 0	410	01D0	
L	19310 0	19405 0	411	01C0	
		EOH			

DDH DS-77-1 (2 8) Cyprus Anvil Mining Corp. Page 5 of 5

Structural Log

Logged By: J.W.M.

Code	From	To	Feature	Esys	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S	1230	1230	PSZ	Z		210 21 10	S_4 = 35/210 Z: Region - Z3
	1240		F4	3			F_4 = 35/210
S	1310		F4	S			
S	1320		F4	E			
S	1410		LLS				S_4 20°/210
	1411		PSZ			210° 21° 10	
	1440		F4	E			
S	1450		SZ			210 21° 10	
S	1460		F4	3			
							END LITHON STRUCT.
S	11713 0	11744	W				Gouge? - ground core.
S	13414 2	13414 5	W				" "
S	13519 0	13612 6	W				" "
S	13990 5	13920	W				" "
S	14316 0	14317 0					" "
S	16511 0	16516 0					" "

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77-22

Project: PIEZOMETER HOLE

Location: NE PIT CORNER

Claim: —

Terr. Plane Co-ords.: — N

— E

Grid Co-ords.: 9615.89 N

1627.26 E

Elevation: 4325.56

Total Depth: 498'

Fabric Orientation Diagram:

All symmetry determinations looking NW with 52 dipping SW with dip azimuth 210.

Purpose: SLOPE STABILITY

Logged by: R. LOPUSHNIAK Date(s) Logged: NOV '77

Drilling Contractor: CARON

Core:	Size	From	To
	NQ	0	498

Collar Cased and Capped: YES

Started: 7th JULY Completed: 11th JULY

Cyprus Anvil Mining Corp.

DDH 77-22

Diamond Drill Core Log

Code	Drillhole	Elevation	Northing	Easting	Comments
T	77-22	4312.56	9161.819	16275.216	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
R	77-22	00	180.0	000.0	ATCOLLAR
R	77-22	1000	178.3	037.0	
R	77-22	2000	177.1	037.0	
R	77-22	3000	176.0	037.0	
R	77-22	4000	174.9	037.0	
R	77-22	5000	173.7	037.0	
R					
R					
R					
R					
R					
R					
R					
R					
R					

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

DDH 77-24

Cyprus Anvil Mining Corp.

Lithologic Log

Page ____ of ____

Logged By: R.L.

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	0	840	01		O/B ?
L	840	1480	02	1CD	chlorite
L	1480	2930	03	1D0	
L	2930	3010	04	1D0	muscovite > biotite
L	3010	3160	05	1F0	
L	3160	3440	06	1D0	
L	3440	3570	07	1F0	
L	3570	3915	08	1D0	
L	3915	4130	09	1B0	
L	4130	4410	10	1F0	
L	4410	4625	11	1B0	
L	4625	4870	12	1D0	
L	4870	4880	13	1G0	
L	4880	4920	14	1D0	
L	4920	4945	15	1G0	
L	4945	4980	16	1D0	EOH.

DDH 77-22 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Logged By: R.L.

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description	FOOTAGE	REMOVE
	10 14	16 20	22 24	26	28 32	34 38			
S		880	P S 2			75 210			
S		1030	P S 2			73 210		84-88'	4
S		1130	P S 2			610 210		88-93'	4.5'
S		1230	P S 2			615 210		93-113	20
S		1330	P S 2			710 210		113-123	10
S		1430	P S 2			712 210		123-133	10
S		1530	P S 2			82 210		133-143	10
S		1630	P S 2			815 210		143-153	10
S		1730	P S 2			715 210		153-163	10
S		1830	P S 2			80 210		163-173	10
S		1930	P S 2			815 210		173-181	6
S		2030	P S 2			818 210		181-186	5
S		2130	P S 2			817 210		186-198	12
S		2230	P S 2			815 210		198-203	5
S		2350	P S 2			82 210		203-213	10
S		2480	P S 2			719 210		213-218	5
S		2560	P S 2			715 210		218-223	5
S		2660	P S 2			710 210		223-238	15
S		2760	P S 2			44 210	small MI	238-248	10
S		2860	P S 2			712 210		248-256	8
S		2960	P S 2			617 210		256-266	10
S		3060	P S 2			710 210		266-276	10
S		3160	P S 2			615 210		276-296	20
S		3290	P S 2			815 210		296-306	10
S		3480	P S 2			815 210		306-316	10
S		3580	P S 2			715 210		316-322	5
S		3680	P S 2			84 210	323-340'	322-329	7
S		3780	P S 2			710 210	fault gouge	329-338	8.5'
S		3880	P S 2			715 210		338-348.6	10.6
S		3980	P S 2			716 210		348.6-353	4.4
S		4170	P S 2			55 210		353-363	10
S		4270	P S 2			50 210		363-373	10
S		4390	P S 2			42 210		373-378	5
S		4490	P S 2			45 210		378-388	10
S		4630	P S 2			50 210		388-398	10
S		4730	P S 2			45 210		398-402	4

DDH 77-22 (2 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: R.L.

Code	From	To	Feature	Sys	S_1 Dip Direct.	S_2 Dip Direct.	Description	
1	10 14	16 20	22 24	26	28 32	34 38		
S		4 0 3 0	P S 2			5 5 2 1 0	402-412	10'
S		4 9 8 0	P S 2			6 3 2 1 0	412-422	10
							422-442	18'
							442-458	16
							458-468	10
							468-473	5
							473-483	6
							483-488	5
							488-493	4
							493-498	5
							EOH.	

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77-23

Project: PIT DRILLING

Location: ZONE 1

Claim: —

Terr. Plane Co-ords.: — N

— E

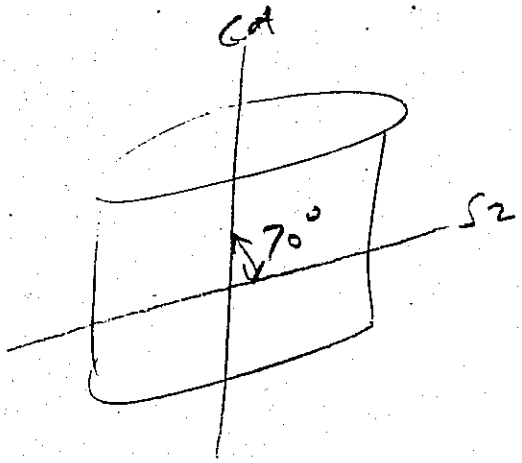
Grid Co-ords.: 9877.74 N

14682.57 E

Elevation: 3839.80

Total Depth: 137'

Fabric Orientation Diagram:



All symmetry determinations looking NW with S2 dipping SW with dip azimuth 210.

Purpose: MINE DEVELOPMENT

Logged by: P.I.C. Date(s) Logged: OCT./77

Drilling Contractor: CARON

Core: Size From To

BQ 0 EOH

Collar Cased and Capped: NO

Started: JULY 7TH Completed: JULY 7TH

Cyprus Anvil Mining Corp.

DDH 77-23

Diamond Drill Core Log

	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	77-23	3839.80	98771.74	14682.57	

Code	Drillhole	Depth		Zenith Angle	True Azimuth	Comments
1	2 8	10 14		22 26	28 32	34 56
R	77-23	0	0	180.0	000.0	ATCOLLAR
R	77-23	1000		178.3	037.0	
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 47

DDH 77-23

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: PIC

Code	From	To	Unit	Code	Description
L	100	118	91		— not present.
L	112	161	02	2A10	5% combined 20-25% pyrite
L	161	180	03	2C5	Brecciated quartz with pyrite. Slightly carbonaceous. Difference from above is presence of more quartz and less c.
L	180	1170	04	2A10	As above 2A0.
L	1170	1337	05	1014	120-121 contains galena. EOH.

DDH 77-23

Cyprus Anvil Mining Corp.

Structural Log

Logged By: PIC

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	14	16 20	22 24	26	28 32	34 38	
S		1 12 0	PS12			60 240	Footage / Recov
S		12 15 0	PS12			60 240	0 - 12 / —
S		13 15 0	PS12			80 240	12 - 17 / 5'
S		14 13 0	PS12			65 240	17 - 27 / 10'
S		15 12 0	PS12			65 240	27 - 33 / 5'
S		16 17 0	PS12			60 240	33 - 37 / 4' [61-80 brecciated]
S		18 10 0	PS12			60 240	37 - 43 / 5'
S		19 3 0	PS12			60 240	43 - 49 / 6'
S		11 10 0	PS12			60 240	49 - 57 / 8'
S		11 17 0	PS12			60 240	57 - 67 / 5'
S		11 24 0	PS12			50 250	67 - 77 / 2'
S		11 29 0	PS12			50 250	77 - 87 / 10'
S		13 7 0	PS12			50 250	87 - 95 / 8'
							95 - 117 / 16'
							117 - 128 / 8'
							128 - 137 / 8'

DDH 77-23

Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Logged By: PIC

Sampled By: PIC

Code	From	To	Sample No.	Description		
					WIDTH	REC.
P	112 0	116 0	0197179		4.0	4.0
P	116 0	121 0	0197180		5.0	5.0
P	121 0	216 0	0197181		5.0	5.0
P	216 0	311 0	0197182		5.0	5.0
P	311 0	316 0	0197183		5.0	5.0
P	316 0	411 0	0197184		5.0	5.0
P	411 0	416 0	0197185		5.0	5.0
P	416 0	511 0	0197186		5.0	5.0
P	511 0	516 0	0197187		5.0	5.0
P	516 0	611 0	0197188		5.0	2.0
P	611 0	715 0	0197189		14.0	4.0
P	715 0	810 0	0197190		5.0	4.0
P	810 0	815 0	0197191		5.0	5.0
P	815 0	910 0	0197192		5.0	5.0
P	910 0	915 0	0197193		5.0	5.0
	915 0	1010 0	0197194		5.0	4.0
P	1010 0	1015 0	0197195		5.0	4.0
P	1015 0	1111 0	0197196		6.0	4.0
P	1111 0	1117 0	0197197		6.0	4.0

Form 75-E-014

BENCH GRADE CALCULATION SHEET

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag ~~oz/Ton~~ g/MT	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	520	525	5	9492	4.30	9.80	0.10	32.0		Tr	4.12								
3590	525	529	4	9493	3.81	6.30	0.05	36.0		Tr	3.88	4.08	8.24	0.08					
	529	530	1	9493	3.81	6.30	0.05	36.0		Tr	3.88								
	530	535	5	9494	0.35	1.22	0.20	10.5		Tr	4.12								
	535	540	5	9495	0.11	0.51	0.33	10.5		Tr	4.03								
	540	545	5	9496	2.30	2.07	0.21	17.0		Tr	3.97								
3570	545	549	4	9497	0.13	1.50	0.07	7.5		Tr	3.80	0.91	1.57	0.20					
	549	550	1	9497	0.13	1.50	0.07	7.5		Tr	3.80								
	550	555	5	9498	0.33	0.87	0.24	14.7		Tr	3.83								
	555	560	5	9499	0.64	0.70	0.28	10.0		Tr	3.94								
	560	566	6	9500	0.91	1.28	0.20	22.1		Tr	4.02								
3550	567	569	2	9501	0.77	1.06	0.23	21.0		Tr	4.12	0.60	0.96	0.22					
	569	572	3	9501	0.77	1.06	0.23	21.0		Tr	4.12								
	572	577	5	9502	0.81	2.46	0.13	10.0		Tr	3.95								
	577	582	5	9503	1.04	2.18	0.12	17.2		Tr	4.08								
	582	586	4	9504	0.89	1.21	0.20	12.3		Tr	4.39								
3530	586	589	3	9505	1.66	2.84	0.21	23.0		Tr	3.55	1.01	1.99	0.17					
	589	591	2	9505	1.66	2.84	0.21	23.0		Tr	3.55								
	591	595	4	9506	0.52	2.18	0.16	6.2		Tr	3.97								
	595	598	3	9507	0.01	0.91	0.28	5.4		Tr	4.22								

77-1 (2)

Form 75-E-014

BENCH GRADE CALCULATION SHEET

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag ~~oz/Ton~~ g/MT	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	672	675	3	9420	0.04	1.34	0.28	4.5		Tr	4.01								
3470	675	677	2	9421	1.44	4.33	0.31	8.2		Tr	4.10	0.67	1.76	0.33	6.5				3470
	677	685	8	9421	1.44	4.33	0.31	8.2		Tr	4.10								
	685	690	5	9422	1.42	5.38	0.12	13.7		Tr	3.83								
	690	693	3	9423	0.84	2.26	0.11	18.9		0.1	2.92	1.32	4.27	0.21	11.9				
3450																			

77-2 (1)

BENCH GRADE CALCULATION SHEET

Form 75-E-014

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton g/MT	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton g/MT	Fe %	BaO %	S.G.	REMARKS
	474	476	2	9438	6.72	6.07	0.22	94.6		10.8	4.41								
	476	478	2	9439	4.66	3.50	0.24	56.2		1.3	4.63								
	478	484	6	9440	5.63	5.16	0.12	73.4		12.9	4.69								
	484	488	4	9441	1.58	2.25	0.22	22.9		1.7	4.81								
	488	490	2	9442	2.50	4.78	0.06	26.4		6.2	4.61								
3650	490	491	1	9443	4.25	7.66	0.20	40.1		17.0	4.55	4.24	4.49	0.17	54.6				3650
	491	497	6	9444	2.21	2.80	0.26	28.5		0.1	3.94								
	497	498	1	9445	3.55	7.02	0.02	39.8		12.3	4.52								
	498	500	2	9446	1.89	2.20	0.11	19.5		0.2	4.81								
	500	503	3	9447	4.78	8.26	0.05	45.3		18.5	4.88								
	503	505	2	9448	0.80	1.50	0.08	9.9		0.1	4.20								
3630	505	511	6	9449	6.38	8.46	0.18	76.8		Tr	4.65	3.74	5.34	0.16	43.3				3630
	511	515	4	9450	5.78	7.98	0.29	49.0		Tr	4.67								
	515	520	5	9451	4.91	6.60	0.09	48.7		0.1	4.98								
	520	526	6	9452	0.44	0.11	0.01	6.5		Tr	3.75								
	526	530	4	9453	2.30	2.52	0.11	26.7		Tr	4.02								
3610	530	531	1	9454	4.90	5.03	0.06	43.2		Tr	4.65	3.22	4.03	0.11	31.4				3610
	531	535	4	9454	4.90	5.03	0.06	43.2		Tr	4.65								
	535	539	4	9455	0.21	0.10	0.01	5.1		Tr	4.02								
	539	543	4	9456	4.27	6.89	0.08	24.7		Tr	4.44								
									cont.										

Form 75-E-014

77-2 (2)

BENCH GRADE CALCULATION SHEET

	SAMPLE				ASSAYS							WEIGHTED AVERAGES							
Bench	From	To	Width	No.	Pb %	Zn %	Cu %	Ag ~~oz/Ton~~ g/MT	Fe %	BaO %	S.G.	Pb %	Zn %	Cu %	Ag oz/Ton g/MT	Fe %	BaO %	S.G.	REMARKS
	543	548	5	9457	0·21	0·08	0·16	5·5		1·3	3·56								
3590	548	551	3	9458	3·30	7·35	0·04	23·3		11·2	4·69	2·42	3·53	0·08	19·5				3590
	551	552	1	9458	3·30	7·35	0·04	23·3		11·2	4·69								
	552	557	5	9459	4·41	6·05	0·05	27·4		2·6	4·59								
	557	561	4	9460	4·90	15·05	0·03	61·4		Tr	4·37								
	561	563	2	9461	4·72	9·29	0·66	44·2		0·1	3·75								
	563	568	5	9462	0·54	1·91	0·28	10·6		Tr	4·17								
3570	568	571	3	9463	1·91	1·12	1·02	30·2		Tr	3·82	3·14	6·46	0·31	31·9				3570
	571	572	1	9463	1·91	1·12	1·02	30·2		Tr	3·82								
	572	577	5	9464	0·36	0·50	0·46	10·3		Tr	3·65								
	577	582	5	9465	0·88	1·60	0·59	15·8		Tr	3·64								
	582	588	6	9466	1·55	3·05	0·27	17·1		Tr	4·18								3550
3550	588	591	3	9467	1·36	2·95	0·27	18·2		Tr	4·09	1·15	1·93	0·44	15·9				
	591	593	2	9467	1·86	2·95	0·27	18·2		Tr	4·09								
	593	600	7	9468	0·67	1·28	0·67	24·0		Tr	3·82								
	600	602	2	9469	1·81	3·27	0·26	13·4		Tr	4·41								
	602	607	5	9470	0·47	1·11	0·41	17·1		Tr	4·20								
3530	607	611	4	9471	0·37	0·87	0·30	9·6		0·1	3·55	0·79	1·52	0·45					3530
	611	612	1	9471	0·37	0·87	0·30	9·6		0·1	3·55								
	612	618	6	9472	0·46	1·52	0·30	7·9		0·1	4·29								
									cont.										

Form 75-E-014

77-2 (3)

BENCH GRADE CALCULATION SHEET

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton g/MT	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	618	620	2	9473	7.50	13.9	0.12	29.5		0.1	4.44								
	620	626	6	9474	1.37	2.76	0.26	11.3		Tr	3.68								
3510	626	631	5	9475	0.26	1.46	0.29	11.0		Tr	3.70	1.38	3.08	0.27					
	631	633	2	9475	0.26	1.46	0.29	11.0		Tr	3.70								
	633	636	3	9476	0.06	1.22	0.27	3.1		Tr	3.77								
	636	639	3	9477	0.05	1.92	0.17	3.4		Tr	3.85								
	639	645	6	9478	0.17	1.76	0.30	4.5		Tr	4.44								
	645	650	5	9479	0.38	1.60	0.55	6.2		0.1	4.57								
3490	650	651	1	9480	1.66	2.56	0.40	10.3		Tr	4.50	0.27	1.67	0.34					
	651	655	4	9480	1.66	2.56	0.40	10.3		Tr	4.50								
	655	658	3	9481	6.73	14.1	0.06	30.9		Tr	4.39								
	658	660	2	9482	4.95	14.1	0.12	30.9		Tr	3.77								
	660	667	7	9483	4.61	9.8	0.05	23.0		Tr	4.69								
3470	667	671	4	9484	7.38	17.0	0.06	29.5		Tr	3.60	4.93	10.87	0.13					
	671	673	2	9484	7.38	17.0	0.06	29.5		Tr	3.60								
	673	678	5	9485	8.12	23.4	0.05	42.9		Tr	3.80								
	678	683	5	9486	7.50	21.0	0.06	37.0		Tr	3.56								
	683	687	4	9487	6.48	17.7	0.08	36.0		Tr	3.64								
	687	689	2	9488	5.41	16.4	0.25	30.5		Tr	3.57								
3450	689	691	2	9489	6.33	16.7	0.22	53.8		Tr	3.91	7.11	19.65	0.10	CUT TO 5	4.0	10		

Form 75-E-014

77-2

BENCH GRADE CALCULATION SHEET

ench	SAMPLE				ASSAYS							WEIGHTED AVERAGES							REMARKS
	From	To	Width	No.	Pb %	Zn %	Cu %	~~oz/Ton~~ g/MT Ag	Fe %	BaO %	S.G.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	
	691	695	4	9490	0.35	1.08	0.89	41.1		0.1	3.34								
	695	700	5	9491	0.14	1.24	0.52	41.8		0.1	3.24	0.23	1.17	0.68					
3430																			

Form 75-E-014

BENCH GRADE CALCULATION SHEET

ench	SAMPLE				ASSAYS							WEIGHTED AVERAGES							REMARKS
	From	To	Width	No.	Pb %	Zn %	Cu %	Ag ~~oz/Ton~~ g/MT	Fe %	BaO %	S.G.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	
	520	525	5	9492	4.30	9.80	0.10	32.0		Tr	4.12								
590	525	529	4	9493	3.81	6.30	0.05	36.0		Tr	3.88	4.08	8.24	0.08					
	529	530	1	9493	3.81	6.30	0.05	36.0		Tr	3.88								
	530	535	5	9494	0.35	1.22	0.20	10.5		Tr	4.12								
	535	540	5	9495	0.11	0.51	0.33	10.5		Tr	4.03								
	540	545	5	9496	2.30	2.07	0.21	17.0		Tr	3.97								
570	545	549	4	9497	0.13	1.50	0.07	7.5		Tr	3.80	0.91	1.57	0.20					
	549	550	1	9497	0.13	1.50	0.07	7.5		Tr	3.80								
	550	555	5	9498	0.33	0.87	0.24	14.7		Tr	3.83								
	555	560	5	9499	0.64	0.70	0.28	10.0		Tr	3.94								
	560	566	6	9500	0.91	1.28	0.20	22.1		Tr	4.02								
550	567	569	2	9501	0.77	1.06	0.23	21.0		Tr	4.12	0.60	0.96	0.22					
	569	572	3	9501	0.77	1.06	0.23	21.0		Tr	4.12								
	572	577	5	9502	0.81	2.46	0.13	10.0		Tr	3.95								
	577	582	5	9503	1.04	2.18	0.12	17.2		Tr	4.08								
	582	586	4	9504	0.89	1.21	0.20	12.3		Tr	4.39								
530	586	589	3	9505	1.66	2.84	0.21	23.0		Tr	3.55	1.01	1.99	0.17					
	589	591	2	9505	1.66	2.84	0.21	23.0		Tr	3.55								
	591	595	4	9506	0.52	2.18	0.16	6.2		Tr	3.97								
	595	598	3	9507	0.01	0.91	0.28	5.4		Tr	4.22								

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Form 75-E-014

BENCH GRADE CALCULATION SHEET

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton g/MT	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	598	603	5	9508	0.06	0.80	0.32	6.5		Tr	3.77								
510	603	609	6	9509	0.12	0.60	0.35	64.6		Tr	3.78	0.65	1.23	0.28					3510
	609	615	6	9510	0.23	0.63	0.25	7.4		Tr	3.97								
	615	621	6	9511	3.56	8.98	0.05	17.5		0.1	3.51								
	621	627	6	9512	0.96	2.14	0.11	10.7		0.1	2.81								
490	627	629	2	9513	4.38	13.2	0.09	42.0		0.1	3.39	1.86	4.85	0.13					
	629	635	6	9513	4.38	13.2	0.09	42.0		0.1	3.39								
	635	638	3	9514	2.13	1.93	0.04	42.3		0.1	2.96	3.63	9.44	0.07					

Form 75-E-014

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BENCH GRADI CALCULATION SHEET

	SAMPLE				ASSAYS							WEIGHTED AVERAGES							
	From	To	Width	No.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
3850	12·6	17·0	4·4	9424	0·4	2·18	.02	14·4											
	17·0	21·0	4·0	9425	1·68	4·38	.01	30·2											
	21·0	25	4·0	9426	0·38	2·40	.02	14·7											19·9 Feet 3830
	25	29	4·0	9427	0·24	1·80	.02	9·9											
	29	30·6	1·6	9428	0·07	0·67	.01	5·1											
	30·6	32·5	1·9	9429	2·8	9·5	.02	27·8											
	32·5	34·5	2·0	9430	0·97	3·15	.04	17·1											
	34·5	36·2	1·7	9431	3·19	3·76	.06	55·2											
3830	36·2	36·9	0·7	9432	1·32	2·96	.03	17·8				1·15	2·96						
	36·9	41·0	4·1	9432	1·32	2·96	.03	17·8											
	41·0	45·6	4·6	9433	3·54	5·04	.07	34·6											20'
	45·6	47·0	1·4	9434	0·78	1·70	0·16	11·7											
	47·0	51·0	4·0	9435	0·09	1·11	0·06	6·5											
	51·0	54·2	3·2	9436	4·01	8·36	0·02	29·5											
3810	54·2	56·9	2·7	9437	1·53	3·50	0·10	15·8				2·00	3·91						
	56·9	58·0	1·1	9437	1·53	3·50	0·10	15·8											

Form 75-E-014

77-21 COL. EL. 3853

BENCH GRADE CALCULATION SHEET

ch	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	9.5	13	3.5	9766	0.52	2.7	.04	9.8	14.9	0.13	3.26								
	13	16	3.0	9767	0.84	3.55	.02	8.6											
	16	21	5.0	9768	1.27	4.77	.03	9.8											13.5 3830
3830	21	23	2.0	9769	2.79	4.97	.06	29.4				1.30	3.99						088 / 2.69
	23	26	3.0	9769	2.79	4.97	.06	29.4											
	26	31	5.0	9770	1.26	3.50	.09	21.7											20' 3810
	31	36	5.0	9770	3.43	3.45	.05	32.7											
	36	41	5.0	9772	1.89	4.77	.07	19.3											
3810	41	43	2.0	9773	1.77	3.73	.07	20.0				2.5	3.7						
	43.0	43.5	0.5	9773	1.77	3.72	.07	20.0											
	43.5	47.5	4.0	9774	4.98	14.16	.02	35.9											15.5' 3790
	47.5	50.5	4.0	9775	6.87	15.92	.07	51.6											
	50.5	53.5	3.5	9776	1.3	2.9	.30	13.7											3.53 / 7.94
3790	53.5	57.0	3.5	9777	5.06	10.24	0.13	52.6				4.55	10.24						
3750	82.5	84.0	1.5	9778	3.82	6.81	.11	50.											

Form 75-E-014

77-23 COL. 3840

BENCH GRADE CALCULATION SHEET

SAMPLE				ASSAYS							WEIGHTED AVERAGES							
From	To	Width	No.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
12	16	4.0	9779	1.76	5.64	.14	20.5											
16	21	5.0	9780	2.36	6.90	.07	19.4											
21	26	5.0	9781	1.51	4.99	.09	19.5											3810 18'
3810 26	30	4.0	9782	2.08	6.16	.11	23.1				1.92	5.92						1.73/5.33
30	31	1.0	9782	2.08	6.16	.11	23.1											
31	36	5.0	9783	1.73	2.48	.12	35.7											
36	41	5.0	9784	0.68	2.97	.02	11.9											3750 · 20'
41	46	5.0	9785	1.36	4.77	.05	18.4											
3790 46	50	4.0	9786	3.36	7.86	.04	45.8				1.71	4.43						
50	51	1.0	9786	3.36	7.86	.04	45.8											
51	56	5.0	9787	3.04	9.20	.02	40.7											3770 · 20'
56	61	5.0	9788	4.01	8.20	.03	42.4											
3770 61	70	9.0	9789	1.29	5.41	.02	18.6				2.73	7.17						3 4' Rec.
70	75	5.0	9789	1.29	5.41	.02	18.6											
75	80	5.0	9790	0.16	0.29	.02	6.3											3750 · 20'
80	85	5.0	9791	2.80	4.44	.02	37.5											
3750 85	90	5.0	9792	2.34	5.89	.02	35.1				1.64	4.00						
90	95	5.0	9793	3.84	8.43	.06	41.3											
95	100	5.0	9794	0.87	2.26	.03	14.8											3730 20'
100	105	5.0	9795	3.54	7.77	.03	33.5											
3730 105	110	5.0	9796	7.92	4.96	.08	84.4				4.04	5.73						

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Form 75-E-014

BENCH GRADI CALCULATION SHEET

SAMPLE				ASSAYS							WEIGHTED AVERAGES							
From	To	Width	No.	Pb %	Zn %	Cu %	~~oz~~ Ag oz/Ton	Fe %	BaO %	S.G.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
110	111	1	9796	7.92	4.46	.08	84.4											0710 - 8'
111	117	6	9797	2.88	10.13	.11	38.8				3.6	9.32						W

Form 75-E-014

77 18 COL. ELEV. 3831

BENCH GRADE CALCULATION SHEET

Pg 1 of 4

ch	SAMPLE				ASSAYS							WEIGHTED AVERAGES							REMARKS
	From	To	Width	No.	Pb %	Zn %	Cu %	Ag ~~oz~~/Ton	Fe %	BaO %	S.G.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	
	26	31	5	9798	1·52	3·70	0·11	9·5											3790 16'
	31	36	5	9799	0·14	1·79	0·14	6·5											
	36	40	5	9800	0·12	1·05	0·17	5·3											0·17/ 1·68 @20'
3790	40	41	1	9901	0·61	1·03	0·17	6·4				0·59	2·10						
	41	43	2	9501	0·61	1·03	0·17	6·4											3770 19·5'
	43	47	4	9902	0·13	1·88	0·16	6·0											
	47	50	3	9903	1·50	7·13	0·13	7·6											
	50	53·5	3·5	9904	4·68	10·51	0·08	16·3											
	53·5	56	2·5	9905	1·27	4·10	0·14	6·7											
	56	59	3·0	9906	0·17	3·36	0·14	4·3											
3770	59	60·5	1·5	9907	0·29	2·15	0·14	6·4				1·37	4·68						
	60·5	62	1·5	9907	0·29	2·15	0·14	6·4											3750 22'
	62·0	66·0	4·0	9908	0·63	2·60	0·04	5·0											
	66·0	69·0	3·0	9909	0·86	3·68	0·05	5·6											
	69·0	70·5	2·5	9910	3·77	12·37	0·05	13·8											
	70·5	71·5	1·0	9911	1·25	3·30	0·04	6·4											
	71·5	76·5	5·0	9912	7·73	20·0	0·04	28·8											
37[illegible]	76·5	81·5	5·0	9913	0·54	0·50	0·04	4·6				2·61	7·33						

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Form 75-E-014

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BENCH GRADE CALCULATION SHEET

	SAMPLE				ASSAYS							WEIGHTED AVERAGES							
	From	To	Width	No.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	81.5	86.5	5.0	9914	0.20	0.31	0.03	1.3											3730 19.5'
	86.5	91.0	4.5	9915	5.22	9.89	0.03	23.2											
	91.0	96.0	5.0	9916	1.37	7.43	0.09	12.1											
37.00	96.0	101.0	5.0	9917	3.98	10.11	0.03	18.7				2.62	6.85						
	101.0	106	5.0	9918	4.29	9.36	0.03	20.6											
	106	113	7.0	9919	1.76	7.25	0.04	14.0											2.5' Rec.
	113	118	5.0	9920	1.94	4.73	0.04	16.6											3710 19.5'
3710	118	120.5	2.5	9921	0.5	1.03	0.02	6.4				2.29	6.34						
	120.5	123.0	2.5	9921	0.5	1.03	0.02	6.4											
	123	128	5.0	9922	0.90	4.14	0.03	8.2											3690 20.5'
	128	132	4.0	9923	2.08	6.75	0.02	13.2											
	132	137	5.0	9924	7.66	16.6	0.03	46.4											
3690	137	141	4.0	9925	9.37	22.8	0.05	52.0				9.38	10.95						
	141	145	4.0	9926	0.83	1.95	0.03	12.2											
	145	149	4.0	9927	0.23	0.82	0.03	5.4											3' Rec
	149	153	4.0	9928	0.65	3.21	0.11	9.2											3' Rec.
	153	157	4.0	9929	2.76	6.89	0.06	24.8											3670 20'
36[illegible]	157	161	4.0	9930	3.69	14.7	0.09	33.6				1.63	5.51						

Form 75-E-014

BENCH GRADI CALCULATION SHEET

PS 3 of 4

	SAMPLE				ASSAYS							WEIGHTED AVERAGES							
	From	To	Width	No.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	161	165	4.0	9931	2.43	9.00	003	24.8											9.5' 3650
	165	169	4.0	9932	2.22	8.27	0.03	20.4											
	169	174	5.0	9933	1.38	3.60	0.02	10.0											2' Rec.
	174	179	5.0	9934	1.38	2.48	002	11.0											"
3650	179	180.5	1.5	9935	2.85	10.61	0.11	27.6				1.88	5.91						
	180.5	184.0	3.5	9935	2.85	10.61	011	27.6											
	184.0	187.0	3.0	9936	0.54	1.50	004	6.8											3630 20.5'
	187	192	5.0	9937	3.37	9.91	0.04	23.8											
	192.0	195	3.0	9938	2.18	4.11	002	14.0											
	195	200	5.0	9939	1.72	3.50	002	9.2											
3630	200	201	1.0	9940	2.14	5.21	003	15.2				2.23	6.15						
	201	205	4.0	9940	2.14	5.21	003	15.2											
	205	210	5.0	9941	3.26	6.75	002	19.8											3610 20.5'
	210	214	4.0	9942	2.49	9.23	004	20.6											
	214	219	5.0	9943	2.67	8.77	005	18.4											
3611	219	221.5	2.5	9944	2.90	4.85	0.11	28.8				2.70	7.19						
	221.5	224	2.5	9944	2.90	1.85	011	28.8											
	224	229	5.0	9945	0.32	2.40	011	7.7											3590 18.5'
	229	234	5.0	9946	0.62	5.38	0.21	17.5											
	234	239	5.0	9947	3.02	10.51	0.17	23.4											
3590	239	240	1.0	9948	3.71	9.45	0.06	6.3				1.66	6.1						

DDH 77-7 | 8,060 N, 15,636 E | Ag g/mt | BENCH GRADE CALCULATION SHEET | COL. EL. 4102 | Form 75-E-014 | Pg 1 of 3

	SAMPLE				ASSAYS							WEIGHTED AVERAGES							
	From	To	Width	No.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	3684	369.7	1.3	9515	4.95	3.24	0.12	102.8											3730
3730	369.7	371.7	2.0	9516	1.85	2.15	0.20	28.8				3.07	2.57						3.3'
	371.7	375.0	3.3	9516	1.85	2.15	0.20	28.8											
	375	380	5.0	9517	1.22	1.06	0.17	17.7											3710
	380	385	5.0	9518	1.07	1.03	0.02	11.7											20.0'
	385	390	5.0	9519	0.51	0.42	0.01	8.8											
3710	390	391.7	1.7	9520	0.46	0.31	0.01	9.6				1.04	1.00						
	391.7	3950	3.3	9520	0.46	0.31	0.01	9.6											3690
	395	400	5.0	9521	0.47	0.44	0.01	7.8											203
	400	407.5	~~7.5~~	9522	0.18	0.23	0.04	6.5											
3690	407.5	412	4.5	9523	0.66	0.12	0.21	49.3				0.40	0.27						
	412	415.6	3.6	9524	1.22	1.57	0.03	12.0											
	415.6	419.5	3.9	9525	6.60	10.0	0.13	65.2											3670
	419.5	425.0	5.5	9526	3.20	5.20	0.12	27.8											200'
	425	430	5.0	9527	0.88	1.04	0.13	11.7											
3670	430	432	2.0	9528	0.96	1.30	0.10	10.0				2.70	4.05						
	432	434	2.0	9528	0.96	1.30	0.10	10.0											
	434	439	5.0	9529	3.45	2.17	0.44	30.2											3650
	439	443.4	4.4	9530	3.62	5.22	0.11	25.8											20.0'
	443.4	447	3.6	9531	10.05	13.2	0.03	69.5											
3650	447	452	5.0	9532	4.08	7.56	0.17	26.0				4.58	6.08						

DDH 77-7 g/mt BENCH GRADI CALCULATION SHEET Form 75-E-014

Pg 2 of 3

	SAMPLE				ASSAYS							WEIGHTED AVERAGES							
	From	To	Width	No.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	452	457.2	5.2	9533	~~.234~~ 2.2	~~2.01~~ 4.2	~~0.04~~ 0.14	~~11.3~~ 15.0											
	4572	458.7	1.5	9534	6.75	13.4	0.07	33.0											3630
	458.7	462.7	4.0	9535	7.25	8.95	0.31	42.8											19.0'
	462.7	466	3.3	9536	2.68	4.40	0.53	20.8											
3630	466	471	5.0	9537	0.41	0.74	0.40	14.9				3.23	5.05						
	471	477.3	6.3	9538	0.50	0.67	0.38	7.2											
	477.3	482	4.7	9539	0.99	1.60	0.39	8.0											3610
	482	487	5.0	9540	1.50	1.88	0.29	12.4											21.4
3610	487	492.4	5.4	9541	~~.47~~	1.78	0.29	5.1				0.83	1.43						
	492.4	496.6	NOT	SAMPLED															
	496.6	502.2	5.6	9542	1.95	4.48	0.13	12.6											3590
	502.2	506	3.8	9543	0.10	1.18	0.23	3.5											158
	506	510	4.0	9544	0.05	0.89	0.31	4.0											
3590	510	512.4	2.4	9545	0.60	1.20	0.68	7.0				0.81	2.27						
	512.4	515.0	2.6	9545	0.60	1.20	0.68	7.0											
	515	518	3.0	9546	0.82	1.89	0.14	5.5											3570
	518	522.2	4.2	9547	1.64	2.27	0.22	7.5											
	522.2	527.2	5.0	9548	0.06	1.04	0.50	5.2											
3570	527.2	531.5	3.3	9549	1.45	2.90	0.20	6.0				0.88	1.82						

DDH 77-7

BENCH GRADE CALCULATION SHEET

Form 75-E-014
Pg 3 of 3

Ech	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag gm/Tm	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	531.5	537.3	5.8	9550	3.11	7.40	0.12	10.3											3550
	537.3	542	4.7	9551	2.09	4.6	0.10	24.1											19.5
550	542	551	9.0	9552	0.96	2.18	0.04	13.5				1.87	4.31				1.3	Rec.	
	551	556	5.0	9553	0.94	2.01	0.04	11.3											
	556	561	5.0	9554	1.12	2.23	0.04	12.6											3530
	561	566	5.0	9555	0.89	2.28	0.06	13.4											20.0
530	566	571	5.0	9556	0.68	2.08	0.11	12.7				0.90	2.15						
	571	577	6.0	9557	1.34	3.20	0.08	27.5											
	577	582.2	5.2	9558	0.67	2.20	0.09	10.1											3510
	582.2	584.3	2.1	9559	0.19	0.23	0.05	2.9											20.0
	584.3	587	3.3	9560	0.04	0.07	0.02	1.1											
3510	587	590.4	3.4	9561	0.01	0.05	0.01	1.2				0.60	1.57						
	590.4	590.8	0.4	9561	0.01	0.05	0.01	1.2											
	590.8	594.8	4.0	9562	0.02	0.10	0.30	2.7											3490
	594.8	598	3.2	9563	0.02	0.11	0.50	4.0											7.6
490												0.01	0.10						

DDH 77-9 8,363 N 14,986 E

BENCH GRADE CALCULATION SHEET

COL ELV. 4096.7

Form 75-E-014

Pg 1 of 3

	SAMPLE				ASSAYS							WEIGHTED AVERAGES							
	From	To	Width	No.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	516.8	520.8	4.	9564	5.83	2.60	0.18	8.0.8											8.2' 3570
3570	520.8	525	4.2	9565	3.52	10.30	006	350				4.64	6.54						
	525	531	6.0	9566	2.12	4.46	0.03	20.4											
	531	537	6.0	9567	3.95	6.62	0.09	39.0											3550
	537	542.5	5.5	9568	1.83	3.40	0.17	24.7											23'
35..	542.5	548.	5.5	9569	2.82	5.63	008	45.2				2.69	5.04						
		NO	ORE	ON	THIS		BENCH												
3530																			
	577	578	1.0	9570	2.42	5.96	0.03	33.0											upper portion of 3510 mont.
	578	581.3	3.3	9571	1.41	2.34	0.33	24.1											3510
3510	581.3	586.9	5.6	9572	1.4	0.38	0.05	14.1				1.50	1.59						99'
	586.9	591.3	4.4	9573	1.02	1.19	0.19	16.0											
	591.3	596.3	5.0	9574	0.76	1.36	0.14	9.8											
	596.3	599.3	3.0	9575	3.34	3.95	0.13	32.8											3490
	599.3	602.4	3.1	9576	6.00	12.3	0.06	46.6											20.5
3490	602.4	607.4	5.0	9577	3.46	6.75	0.08	23.5				2.64	4.67						

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BENCH GRADI CALCULATION SHEET

Form 75-E-014

Pg 2 of 3

	SAMPLE				ASSAYS							WEIGHTED AVERAGES							
	From	To	Width	No.	Pb %	Zn %	Cu %	~~Ag~~ oz/Ton	Fe %	BaO %	S.G.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	607·4	611·6	4·2	9578	2.78	4·14	0·26	22·2											
	611·6	616·6	5·0	9579	2·62	2·48	0·20	21·5											
	616·6	619·3	2·7	9580	2·46	3·90	0·09	20·1											3470
	619·3	623·3	4·0	9581	5·13	8·80	0·14	49·3											19·1'
3470	623·3	626·5	3·2	9582	4·50	6·86	0·11	32·1				3·47	5·10						
	626·5	630	3·5	9583	4·95	8·38	0·24	49·2											
	630	6345	4·5	9584	2·20	2·54	0·29	25·7											
	634·5	639	4·5	9585	2·79	3·38	0·33	27·6											3450
	639	642	3·0	9586	3·26	5·68	025	21·6											20·4'
3450	642	646·9	4·9	9587	2·70	4·67	0·22	20·2				3·07	4·70						
	646·9	650	3·1	9588	1·64	4·43	0·16	12·1											
	650	654	4·0	9589	1·38	4·20	0·34	13·1											
	654	657·5	3·5	9590	2·68	8·14	0·12	11·6											3430
	657·5	661·3	3·8	9591	3·88	7·60	0·12	12·3											18·4'
3430	661·3	666·3	4·0	9592	3·24	5·17	0·15	13·3				2·59	5·90						
	666·3	671·3	5·0	9593	3·86	5·56	0·13	18·7											
	671·3	675·3	4·0	9594	2·91	4·41	0·18	13·5											3410
	675·3	678·9	3·6	9595	2·41	4·47	0·08	12·8											20·1'
	678·9	683·9	5·0	9596	2·68	4·44	0·20	25·9											
3410	683·9	686·4	2·5	9597	2·69	6·73	0·40	30·4				2·97	5·00						

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BENCH GRADI. CALCULATION SHEET

Form 75-E-014

Pg 3 of 3

ch	SAMPLE				ASSAYS							WEIGHTED AVERAGES							REMARKS
	From	To	Width	No.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	
	6864	688·9	2.5	9597	2·69	6·73	040	30·4											
	688·9	692.5	3.6	9598	2·81	4·66	018	29·2											3390
																			6·1'
3390												2·76	5·50						~~2·76~~

DDH 77-10 8,164.96 N 15,223.99 E

4061 Col. El.

Form 75-E-014

P3 of 4

BENCH GRADE CALCULATION SHEET

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	400.3	405.2	4.9	9801	0.02	0.15	0.11	5.6											
	405.2	408	2.8	9802	0.01	0.05	0.14	6.3											3650 11.7
3650	408	412	4.0	9803	0.07	0.51	0.51	5.7				0.03	0.24						
	412	416	4.0	9804	0.36	0.68	0.20	7.6											3630
	416	419	3.0	9805	0.12	0.26	0.34	5.3											10'
	419	421	2.0	9806	0.37	3.97	0.27	8.0											
3630	421	422	1.0	9807	2.72	6.55	0.05	20.2				0.52	1.79		422-432 waste.				Bottom portion waste
	432	436	4.0	9808	6.28	10.20	0.06	117.3											
	436	440	4.0	9809	5.32	9.20	0.07	86.0											3610
	440	444	4.0	9810	4.49	8.32	0.05	61.0											20.0'
	444	448	4.0	9811	6.46	8.86	0.06	75.6											
3610	448	452	4.0	9812	5.80	10.3	0.05	70.5				5.67	9.37						
	452	456.5	4.5	9813	6.21	9.47	0.05	78.8											
	456.5	462	5.5	9814	6.7	9.72	0.07	79.9											3590
	462	464.5	2.5	9815	10.1	3.72	0.08	128.0											20.0'
	464.5	465.5	1.0	9816	5.3	8.78	0.29	78.9											
	465.5	467	1.5	9817	8.97	13.6	0.19	138.4											
	467	468.5	1.5	9818	11.0	16.4	0.04	225.0											
3590	468.5	472	3.5	9819	1.20	2.10	0.10	31.3				6.47	8.32						

DDH 77-10 8,164.96 N
15,223.99 E

BENCH GRADE CALCULATION SHEET

Form 75-E-014

B2 OF 4

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag g/T	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	472	473	1.0	9819	1.20	2.10	0.10	31.3											
	473	478	5.0	9820	0.18	0.23	0.11	5.5											
	478	480	2.0	9821	0.48	0.89	0.44	25.1											3570
	480	484	4.0	9822	2.04	0.71	0.11	45.2											20.0
	484	488	4.0	9823	~~0.42~~ 0.48	0.19	0.19	10.8											(16.6 assayed)
3570	488	492	4.0	9824	SAMPLE MISSING - NO RESULTS							0.8	0.53						
	492	496	4.0	9825	1.8	2.25	0.39	27.1											3550
	496	501.5	5.5	9826	0.64	1.30	0.24	11.6											19.0'
	501.5	507	5.5	9827	2.50	4.53	0.09	22.0											
3550	507	511	4.0	9828	7.75	10.2	0.04	58.4				2.91	4.30						
	511	515	4.0	9829	5.87	9.68	0.10	48.8											
	515	518	3.0	9830	5.63	6.90	0.11	69.0											
	518	522	4.0	9831	3.02	1.80	0.35	36.4											3530
	522	524	2.0	9832	1.77	0.88	0.16	57.4											20.0'
	524	525	1.0	9833	1.88	1.82	0.12	28.3											
	525	528	3.0	9834	4.43	3.41	0.15	62.5											
3530	528	531	3.0	9835	4.05	5.61	0.12	49.8				4.16	4.86						

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BENCH GRADE CALCULATION SHEET

Form 75-E-014

Pg 3 of 4

ch	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	531	534	3·0	9836	1·08	2·64	0·10	18·6											
	534	537	3·0	9837	3·09	4·11	007	37·1											3510
	537	542·5	5·5	9838	3·24	3·92	007	29·2											19·5'
	542·5	546·5	4·0	9839	3·32	5·48	007	30·1											
351'	546·5	550·5	4·0	9840	2·10	2·22	0·11	18·3				2·65	3·72						
	550·5	554·5	4·5	9841	0·94	1·90	0·13	10·4											
	554·5	559·5	5·0	9842	4·20	10·0	0·09	18·7											
	559·5	564·5	5·0	9843	2·23	6·11	0·10	9·2											3490
	564·5	566·5	2·0	9844	0·21	2·19	0·20	4·9											22·0
3490	566·5	572·0	5·5	9845	0·38	1·54	0·13	4·3				1·76	4·63						
	572·0	577	5·0	9846	0·61	2·25	0·11	5·1											
	577·0	582	5·0	9847	4·41	11·1	0·08	13·9											3470
	582	587	5·0	9848	5·31	9·60	007	18·2											20·0
3470	587	592	5·0	9849	6·38	10·4	001	24·0				4·17	8·33						
	592	597	5·0	9850	4·07	7·23	003	15·2											3450
	597	609	12	9851	4·46	10·1	<0.01	22·5								4·6'	Rec.		20·00
3450	609	612	3	9852	3·72	9·85	005	28·0				4·25	9·34						

77-10

BENCH GRADE CALCULATION SHEET

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	612	614	2.0	9852	3.72	9.85	0.05	28											
	614	619	5.0	9853	3.00	7.68	0.10	24.7											3430
	619	623	4.0	9854	1.36	2.27	006	16.7											16.0
	623	625.6	2.6	9855	060	1.94	056	39.0											
3430	625.6	628	2.4	9856	0.22	0.50	0.39	20.2				1.87	4.58		37				

DDH 77-12 7802.57 N 15,208.33 E

BENCH GRADE CALCULATION SHEET

COL EL. 4014.66 Form 75-E-014

Pg 1 of 2

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	228.2	231.2	3.0	9624	0.30	0.54	0.10	5.5											
	231.2	234.7	3.5	9625	1.70	5.88	0.04	8.8											3770
	234.7	237.3	3.0	9626	4.23	10.50	0.05	25.8											16.2'
	237.3	241.0	3.7	9627	3.46	13.73	0.05	21.0											1.9/63 20' Bench
3770	241.0	244	3.0	9628	1.85	7.25	0.06	22.9				2.33	7.79						
	244	247.3	3.3	9629	6.58	6.00	0.32	41.0											
	247.3	250.6	2.7	9630	10.35	5.52	0.17	52.4											3750
	250.6	253.6	3.0	9631	8.28	7.00	0.14	52.7											19.9
	253.6	257.0	3.4	9632	0.90	1.55	0.14	11.6											
	257.0	258.0	1.0	9633	7.04	6.00	0.08	66.0											
	258	259.7	1.7	9634	5.31	5.27	0.28	85.8											
3750	259.7	263.5	4.8	9635	2.57	2.74	0.08	27.3				5.32	4.47						
	263.5	271.7	8.7	9636	0.20	0.54	0.03	1.5											
	271.7	275.7	4.0	9637	2.29	6.94	0.14	36.1											3730
	275.7	280.5	4.8	9638	1.86	4.75	0.16	26.8											~~137~~ 20.0
3730	280.5	283	2.5	9639	3.05	5.15	0.10	22.6				1.37	3.40						
	~~283~~	~~286~~	~~3.0~~	~~9639~~															

BENCH GRADE CALCULATION SHEET

R 2 of 2

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	283	286	3.0	9639	3.05	5.15	0.10	22.6											
	286	290.3	4.3	9640	4.82	7.46	0.58	50.1											37.10
	290.3	292.4	2.1	9641	5.73	9.85	0.13	56.6											19.4
	292.4	297.4	5.0	9642	0.71	4.3	0.10	14.0											?
3710	297.4	302.4	5.0	9643	1.81	2.54	0.08	34.3				2.8	5.27						
	302.4	307	4.6	9644	1.58	3.64	0.10	30.0											
	307	310	3.0	9645	1.96	7.08	0.13	37.3											3690
	310	315	5.0	9646	2.91	7.40	0.55	52.2											
	315	319.7	4.7	9647	2.16	5.26	0.56	36.2											21.6
	319.7	321.0	1.3	9648	2.96	5.05	0.32	58.5											
3690	321	324	3.0	9649	0.32	0.55	0.52	8.8				1.97	4.99						
	324	329	5.0	9650	0.84	5.54	0.17	14.2											
	329	334	5.0	9651	1.57	4.97	0.10	28.0											3670
	334	339	5.0	9652	3.66	5.64	0.13	62.0											20
3670	339	344	5.0	9653	0.87	2.69	0.08	21.8				1.73	4.71						
	344	349	5.0	9654	1.54	2.83	0.07	40.6											
	349	354	5.0	9655	1.04	2.69	0.05	24.6											3650
	354	359.5	5.5	9656	1.75	2.79	0.05	28.2											18.5
3650	359.5	362.5	3.0	9657	<.01	.10	<.01	.1				1.21	2.32						

DDH 77-13 7,974.93 N 14,986.73 E

BENCH GRADE CALCULATION SHEET

COL. EL. 4018.12

Form 75-E-014 Pg 1 of 3

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag ~~oz~~/Ton	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	373	376	3	9857	0.02	0.04	0.10	4.0											3630
	376	380	4	9858	0.02	0.09	0.09	8.1											16.0'
	380	385	5	9859	0.02	0.05	0.14	11.2											
3630	385	389	4	9860	0.04	0.07	0.59	17.2				0.02	0.06						
	389	393.5	4.5	9861	0.12	0.18	0.44	24.4											
	393.5	395.5	2.0	9862	3.46	5.64	0.19	58.6											
	395.5	399.5	4.0	9863	5.93	5.45	0.16	81.0											3610
	399.5	403	3.5	9864	5.44	5.17	0.27	77.4											20.7
	403	404.5	1.5	9865	3.36	3.11	0.59	63.9											
	404.5	405.8	1.3	9866	7.78	6.43	0.11	107.9											
3610	405.8	409.7	3.9	9867	4.56	4.21	0.45	79.9				4.01	3.93						
3550	409.7	411.0		9868	9.51	~~3.51~~ 7.04	~~7.04~~ 0.25	126.2											
		411-440	1E0	(waste)															
	436	440	4.0	9869	5.97	7.65	0.13	85.9											3570
	140	444	4.0	9870	7.81	6.51	0.06	113.2											12.5
3570	444	447	3.0	9871	6.07	5.47	0.07	96.9											
	447	448.5	1.5	9872	1.15	1.87	0.02	22.7				6.00	6.05						

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BENCH GRADE CALCULATION SHEET

Form 75-E-014

Pg 2 of 3

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	448.5	450	1.5	9872	1.15	1.87	002	22.7											
	450	453	3.0	9873	3.84	6.08	0.20	68.7											
	453	457	4.0	9874	3.91	7.61	0.25	67.1											3550
	457	459	2.0	9875	2.61	2.93	0.16	31.2											2.0
	459	462	3.0	9876	1.93	2.54	006	22.0											
	462	465	3.0	9877	2.85	5.01	007	40.6											
3550	465	468.5	3.5	9878	2.43	3.12	0.32	45.1				2.84	4.54						
	468.5	470	1.5	9878	2.43	3.12	0.32	45.1											
	470	474	3.0	9879	2.23	3.05	0.37	41.3											1' 1D4
	474	477	3.0	9880	3.76	5.54	0.13	50.5											3530
	477	482.6	5.6	9881	3.45	5.29	0.12	47.3											19.5'
	482.6	485	2.4	9882	4.91	10.0	0.16	80.8											
	485	487	2.0	9883	1.70	2.70	007	19.1											
3530	487	489	2.0	9884	4.49	7.53	0.23	51.5				3.33	5.36						
	489	491	2.0	9884	4.49	7.53	0.23	51.5											
	491	496.4	5.4	9885	4.86	9.38	0.04	36.2											3510
	496.4	501.4	5.0	9886	6.08	10.26	0.05	43.4											21.5'
	501.4	505.8	5.4	9887	3.14	6.49	008	24.6											
3510	505.8	510.5	3.7	9888	4.00	8.78	0.20	31.7											

Form 75-E-014

77-13

BENCH GRADE CALCULATION SHEET

Pg 3 of 3

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	5105	5155	5·0	9889	2·62	6·94	009	33·3											
	515·5	5205	5·0	9890	1·70	4·17	008	28·5											3490
	520·5	525·5	5·0	9891	1·24	4·73	008	25·8											18·0'
3490	525·5	528·5	3·0	9892	090	3·80	007	23·4				1·69	5·03						
	5285	531	2·5	9892	0·90	3·80	007	23·4											
	531	536·7	5·7	9893	2·35	4·86	005	39·2				1·90	4·53						3470
																			8·2'
3470																			

DDH 77-14 7,978.70 N
15,35

BENCH GRADE CALCULATION SHEET

COL. EL. 4023.35

Form 75-E-014
Pg 1 of 1

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	293	298	5.0	9618	0.45	1.21	0.20	10.0											
	298	302	4.0	9619	0.10	0.05	0.05	4.5											3710
	302	307	5.0	9620	0.05	0.16	0.21	10.4											21.0'
3710	307	310.5	3.5	9621	0.10	0.49	0.21	13.8											
	310.5	314	3.5	9622	0.72	2.78	0.04	8.7				0.27	0.88						
	314	318.5	4.5	9623	~~0.3~~ 0.55	~~0.54~~ 0.30	0.10	5.5											
3690																			

DDH 77-15 E 7,794.93 N 14,799.37 E

BENCH GRADE CALCULATION SHEET

COL EL. 4015.97

Form 75-E-014 Pg 1 of 1

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	400	405	5.0	9601	0.92	2.03	0.29	1.44											3610
3610	405	407.5	2.5	9602	1.81	5.79	0.13	18.0				1.21	3.28						7.5'
	407.5	410	2.5	9602	1.81	5.79	0.13	18.0											
	410	416	6.0	9603	1.83	6.93	0.11	18.4											3590
	416	420.6	4.6	9604	5.74	6.59	0.25	58.8											20.4
	420.6	424.4	3.8	9605	1.50	0.42	0.12	9.30											
3590	424.4	427.9	3.5	9606	1.46	2.86	0.18	26.8				2.58	4.80						
	427.9	431.2	3.3	9607	4.59	5.73	0.19	35.9											
	431.2	436.2	5.0	9608	5.26	6.23	0.28	71.8											3570
	436.2	441	4.8	9609	4.29	6.50	0.24	62.5											20.1
	441	446	5.0	9610	0.90	2.43	0.12	14.5											
3570	446	448	2.0	9611	1.44	3.95	0.12	23.9				3.45	5.04						
	448	450	2.0	9611	1.44	3.95	0.12	23.9											
	450	454	4.0	9612	1.05	2.52	0.08	21.7											3550
	454	458	4.0	9613	0.69	1.99	0.09	16.7											20.0'
3550	458	463	5.0	9614	3.03	4.58	0.31	50.2											
	463	468	5.0	9615	3.23	5.31	0.35	51.7				2.05	3.76						
	468	471	3.0	9616	5.73	9.90	0.48	56.3											
	471	474.5	3.5	9617	0.20	0.32	0.20	6.5				2.75	4.74						3530
																			6.5'
3530																			

DDH 77-16 7,986.49 N 14,589.35 E

BENCH GRADE CALCULATION SHEET

COL. EL. 4007.03

Form 75-E-014

Pg 1 of 2

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	430 ~~9658~~	433.5	3.5	9658	<.01	.020	.01	.01											3570
	433.5	437.0	3.5	9659	0.11	0.35	0.07	3.1											8.0'
3570	437	438.0	1.0	9660	0.13	0.27	0.17	4.6				0.06	0.27						
	439.5	445	5.5	9661	0.23	0.43	0.13	~~5.4~~	(5.4)										438 - 439.5 - 104
	445	450	5.0	9662	1.08	2.82	0.40	14.2											3550
	450	455	5.0	9663	5.73	7.21	0.22	78.7											20.5
3550	455	460	5.0	9664	5.29	6.44	0.13	66.9				3.01	4.13						
	460	463.5	3.5	9665	3.71	4.97	0.26	55.1											
	463.5	467	3.5	9666	2.36	4.23	0.26	36.0											3530
	467	472	5.0	9667	5.87	6.22	0.20	84.8											10.5'
	472	477	5.0	9668	4.40	4.90	0.27	67.0											
3530	477	479.5	2.5	9669	5.76	6.59	0.19	84.7				4.46	5.35						
	479.5	482	2.5	9669	5.76	6.59	0.19	84.7					(1.8						
	482	487	5.0	9670	5.44	6.98	0.22	82.9											3510
	487	492	5.0	9671	5.61	5.94	0.22	92.6											21.5
	492	497.5	5.0	9672	5.89	6.44	0.26	87.5											
3510	497.5	501.5	4.0	9673	6.81	8.35	0.22	102.5				5.87	6.82						

77-16

BENCH GRADE CALCULATION SHEET

Form 75-E-014
Ps 2 of 2

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	501.5	506.5	5.0	9674	2.00	4.55	0.15	33.8											
	506.5	510	3.5	9675	0.90	3.06	0.14	14.8											~~3510~~ 3490
	510	514.5	4.5	9676	0.44	5.43	2.0	71.8											20.5'
3510	514.5	519	4.5	9677	0.37	1.50	0.27	14.3											
~~3490~~	519	522	3.0	9678	0.05	0.19	0.12	4.0				0.82	3.18						
	522	525	3.0	9679	1.3	0.09	0.02	1.3											
3490																			

DDH 77-17 8,190.04 N 14,784.14 E

BENCH GRADE CALCULATION SHEET

COL. EL. 4026-30

Form 75-E-014

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	459	464	5.0	9680	0.10	0.11	0.26	10.1											
	464	469	5.0	9681	2.00	8.87	0.12	35.0											3550
	469	473	4.0	9682	2.05	4.81	0.13	37.0											19.0'
	473	475	2.0	9683	6.43	6.47	0.07	112.3											
3550	475	478	3.0	9684	4.81	5.18	0.04	68.0				2.42	4.87						
	478	481	3.0	9685	5.19	4.00	0.24	79.6											
	481	485	4.0	9686	6.57	4.97	0.12	105.5											3530
	485	490	5.0	9687	7.24	6.13	0.08	100.0											20.0'
	490	494	4.0	9688	7.67	5.44	0.20	111.0											
3530	494	498	4.0	9689	5.41	5.23	0.32	81.0				6.51	5.26						
	498	504	6.0	9690	0.39	0.59	0.03	9.8											
3510	~~504~~	=	5	498	- 527		1.60	(waste.											
3490																			
	527	529	2.0	9691	1.30	1.96	0.05	26.1											3490
	529	532.3	3.3	9692	1.11	1.70	0.05	20.1											10.3'
3490	532.3	537.2	5.0	9693	4.64	7.33	0.22	79.1				2.86	4.48						

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BENCH GRADE CALCULATION SHEET

Form 75-E-014

Pg 2 of 3

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	5372	5402	3.0	9694	0.70	0.39	0.12	17.1											
	5402	5435	3.2	9695	9.26	1.70	0.11	200											3470
	5435	5485	5.0	9696	3.51	3.86	0.40	48.3											20.3
	5485	5535	5.0	9697	5.45	6.27	0.45	82.9											
	5535	5551	1.6	9698	2.00	2.67	0.28	29.7											
3470	5551	5576	2.5	9699	5.88	9.57	0.09	50.4				4.65	6.62						
	5576	5601	2.5	9699	5.88	9.57	0.09	50.4											
	5601	5641	4.0	9700	2.42	3.57	0.46	27.1											
	5641	5685	4.4	9751	3.75	7.11	0.07	28.1											3450
	5685	5735	5.0	9752	4.39	7.21	0.30	41.2											20.4
3450	5735	5780	4.5	9753	2.50	3.75	0.46	30.1				3.63	6.00						
	5780	5810	3.0	9754	3.52	4.55	0.12	35.4											
	5810	5847	3.7	9755	3.14	4.88	0.22	29.3											
	5847	5870	2.3	9756	1.45	6.56	0.10	22.8											3430
	5870	5920	5.0	9757	1.68	2.18	0.08	19.5											19.0
3430	5920	5970	5.0	9758	1.88	2.70	0.12	25.8				2.27	3.76						

NO 9701 → 9750 #'s

77-17

BENCH GRADE CALCULATION SHEET

Form 75-E-014

Pg 3 of 3

Bench	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	WEIGHTED AVERAGES Pb %	Zn %	Cu %	Ag oz/Ton	Fe %	BaO %	S.G.	REMARKS
	597	600	3.0	9759	2.23	1.95	0.13	26.8											
	600	604	4.0	9760	1.60	2.93	0.20	31.5											3410
	604	608.6	4.6	9761	2.29	4.69	0.04	42.5											189
	608.6	611	2.4	9762	1.07	1.88	0.06	22.5											
	611	614	3.0	9763	1.59	2.38	0.08	24.0											
3414	615.7	617.6	1.9	9764	7.53	8.00	0.06	158.5				2.39	3.49						1.9' fault zone not split.
	617.6	622.4	4.8	9765	0.07	0.07	0.06	6.2											