

FARO
ZONE 3
SEC. 128
015006

67 004

F67004

Lith log

columns 26-28; 34-33

Structure log - columns 34-38

Assay log - new sample #s in Red.

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

128

Hole Number: 67-4

Fabric Orientation Diagram:
C.A.

Project: ZONE 3 RE-LOG

Location: ZONE 3

Claim: _____

Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords.: 8162.56 N

MINE 15361.25 E

Elevation: 4081.0

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

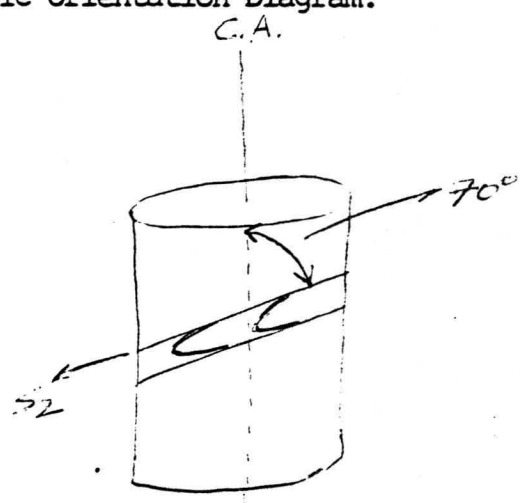
Total Depth: 742.0

Purpose: ZONE 3 DEFIN.

Logged by: _____ Date(s) Logged: _____

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

Started: _____ Completed: _____



Lithologic Log

Code	From	To	Unit	Code	Description
1	10	14 16	20	22 23 25 27	
L	1100	1657	01	#1	triconed - no core
L	1657	11075	02	3D10	breccia cap on zone 3
L	11075	11408	03	01E18	ct. unconfomable to S ₂ ; lower ct not visible
L	11408	11475	04	3D10	cf. unit 2
L	11475	11494	05	01E18	cf unit 3; unconfomable (S ₂) cts
L	11494	11575	06	3D10	cf units 2, 4
L	11575	11790	07	3D10	gradational cts; unbrecciated
L	11790	12845	08	3D10	cf units 2, 4, 6
L	12845	13110.5	09	01E18	cf units 3, 5
L	13110.5	13760	10	3D10	brecciated; cf units 2, 4, 6, 8; 3C from 371
					- 372.3 ft
L	13760	13794	11	01E18	cf units 3, 5, 9; unconfomable cts
L	13794	14096	12	3D10	brecciated; cf units 2, 4, 6, 8, 10
L	14096	14190	13	1D14	white mica envelope; note: fault cts? (unit 1 m)
L	14190	14210	14	21C1E	~60-80% total sdes
L	14210	14255	15	21F10	
L	14255	14310	16	21C1E	as unit 14
L	14310	14340	17	21E11	~10% SiO ₂
L	14340	14560	18	1D14	minor interbanded 2CO. Ba Note Ba enrichment
L	14560	14596	19	21C1E	→ 2CF9 (244) → "21AsV1"
L	14596	14613	20	21E14	minor Pb+Zn values.
L	14613	14650	21	21G10	~20% BaSO ₄
L	14650	14690	22	21C1E	~60-80% total sdes; minor 2FO interbar
L	14690	14789	23	1D14	"white mica envelope"; minor breccia (fault?)
L	14789	14839	24	21E13	→ 2E39; fault w/ malacite? suchite? BX
L	14839	14916	25	21E11	~10-20% SiO ₂ ; <3% Pb+Zn
L	14916	14946	26	21C1E	~60-80% sdes; <3% Pb+Zn
L	14946	15280	27	21E10	minor 2FO towards end of int
L	15280	15340	28	21F10	minor 2C/2D
L	15340	15375	29	21E14	
L	15375	15467	30	21C1E	~60% total sdes.
L	15467	15610	31	21E14	~20% SiO ₂ field bxd.
L	15610	15655	32	21F10	<10% SiO ₂
L	15655	15710	33	21E14	~10% Fe ₂ O ₃

bx
cap

→

DDH 67-4
² F67004 ⁸

Cyprus Anvil Mining Corp.

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Structural Log

Date: Nov 23/82 Logged By: RT

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	30	32	
\$	1657		4040		Bx								Bx cap fold structure not measured.
\$	4040		4150										Rubbed bkn core
2	4190		4310		PSZP						15	210	Compositional banding // sub // to core axis.
S			4400		PSZP						42		
S			4550		PSZP						15		
2			4680		PSZP						55		comp. banding
\$	4715		4850		Bx ₁								Ank. to sulphide heated bx zone. highly mbbled core.
S			51920		PSZP						30		compositional banding
\$	5270		5280		Bx ₁								sulphide heated bx.
S			5460		PSZP						50		comp banding
\$	5505		5585		Bx ₁								fractured sulphide heated bx.
S			5620		PSZP						35		Comp. banding
S			5780		PSZP						50		Comp banding
S			5900		PSZP						50		" "
\$			5990										1" Gauge? or weathered sulphide
\$			6030										" "
\$	6040		6070										ductile flow bx noted by DTA as F ₂ fld.
S			6090		PSZP						50		comp banding
S	6130		6420		PSZP						10		S ₂ comp banding // to sub // to ca. short limb of F ₃ Z fold. Azimuth prob. ± 20°
S	6420		6530		PSZP						25		split core azimuth ± 30° on short limb of fold F ₃
S			6570		CS3Z	75	100				35	240	long limb S ₀ =S ₂
S			6650		CS3Z	65	180				35		S ₀ =S ₂
\$	6720		6755										Shear & Un zone lower part 20° to ca.
\$	6840		6867										Bx & Shear zone 20° to ca
\$	6890		6910										Shear 20° to ca sub // S ₃

S₂ → S₄

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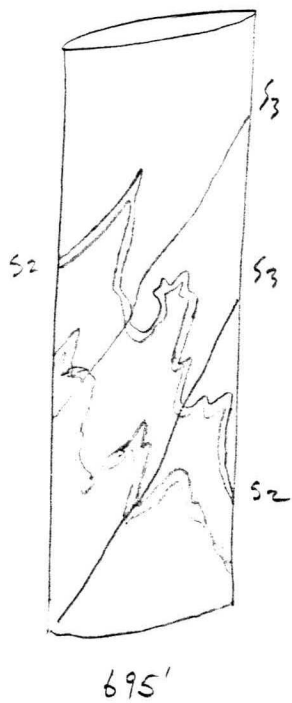
Structural Log

Date: Nov 23/82 Logged By: FST

Code	From		To		Feature	S ₁ Dip Direct.	S ₀ Dip Direct.		S ₂ Dip Direct.		Description					
	10	14	16	20			22	24	26	28		30	32	34	36	38
S			6950		C,S3	Z	40	180			30	240				S ₀ =S ₂ bedding, <i>S₂</i>
S	6950	70160	70160			3	15	180			30					short limb ant. Z fold.
S	70160	7090	7090		VN ₁											Und of shrd zone.
S			7140		C,S3	Z					25					looking down dip.
S			7180		C,S3	Z	50	90			30					" " "
S			7250		C,S3	Z	50	70			30					" " "
S	7300	7315	7315													blen core.
S			7320		C,S3	Z					30					looking down dip.
S			7400		C,S3	Z	50	60			25					" " "

S₂ → S₃

DDH 67-04



ASSAY LOG (SAMPLER'S COPY)

Date _____ Logged by _____
 Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
P	4140		4190		2445							1DA	(2L)
P	4190		4240		2446							2CE	(2Fo) 71197
P	4240		4290		2447							2CEA	(2Fo) 71198
P	4290		4340		2448							2FI	(2CEA) 71199
P	4340		4390		2449							1DA	[2L] 71200
P	4390		4450		2450							1DA	" 71201
P	4450		4490		2451							1DA	" 71202
P	4490		4540		2452							1DA	" 71203
P	4540		4590		2453							2CE	(1DA)(2Go) 2' 1DA 71204
P	4590		4640		2454							2EA	(2Go) 71205
P	4640		4690		2455							2CE	(2Go, 2Fo) 71206
P	4690		4740		2456							1DA	[2L] 71207
P	4740		4790		2457							1DA	" [2E9] 71208
P	4790		4840		2458							2E3	[2E1] 71209
P	4840		4890		2459							2E1	71210
P	4890		4940		2460							2CE	(2E1) 71211
P	4940		4990		2461							2E0	71212
P	4990		5040		2462							2E0	71213
P	5090		5140		2463							2E0	sample missing? 71214
P	5140		5190		2464							2E0	71215
P	5190		5240		2465							2E0	71216
P	5240		5290		2466							2E0	(2Fo) 71217
P	5290		5340		2467							2Fo	(2C,D) 71218
P	5340		5390		2468							2EA	(2CE) 71219
P	5390		5440		2469							2EA	71220
P	5440		5490		2470							2EA	71221
P	5490		5540		2471							2EA	71222
P	5540		5590		2472							2EA	71223
P	5590		5640		2473							2FA	(2E4) 71224
P	5640		5690		2474							2E8A	(2FA) 71225
P	5690		5740		2475							2CE	(2E8A) 71226
P	5740		5790		2476							2CE	71227
P	5790		5840		2477							2CE	(2C) 71228
P	5840		5890		2478							2E8	(2CE) 71229
P	5890		5940		2479							2FI	71230
P	5940		5990		2481							2D0	(2FI) 71231
													71232

67 005

F67005 - Lith Log - columns 26-28; 31-33

Structure Log columns 34-38

Assay Log - new sample #s in Red

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

128

Hole Number: 67-5

Fabric Orientation Diagram:

Project: ZONE 3 RE-LOG

Location: ZONE 3

Claim: _____

Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords.: 7942.01 N

LINE 15176.65 E

Elevation: 4028.0

All symmetry determinations looking

NW with SZ dipping

SW with dip azimuth 211°.

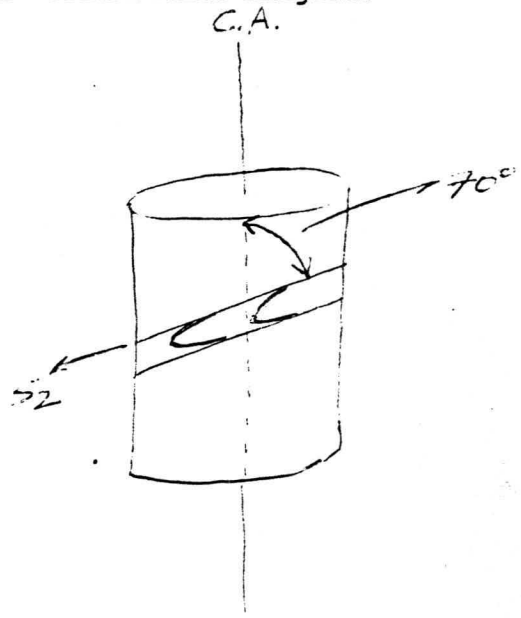
Total Depth: 569.0

Purpose: ZONE 3 DEFIN.

Logged by: _____ Date(s) Logged: _____

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

Started: _____ Completed: _____



Code	From	To	Unit	Code	Description
	10 14 16	20 22 23	25 27		
L	1100	110190	011	#1	triconed - no core
L	110190	117160	012	1D10	clotted andalusite
L	117160	118110	013	1F10	thin hematitic laminations
L	118110	119110	014	1D10	cf unit 2
L	119110	119140	015	1F10	cf unit 3
L	119140	121313.5	016	1D10	cf units 2, 4; faulted lower ct <small>221.0 → 233.5 ID2 (1E) highly shrd</small>
L	121313.5	131.0 ^{8.0}	017	1DA	altered "white mica envelope"; minor py, marc stringers & blobs; thin hematitic laminations
L	131080	131180	018	2ICE	2ft fault gouge; ~70% sdes; minor Pb+Z <small>(was 311.5-319.5. now up to 62)</small> <small>308.0 → 317.0 ZD (1D4) gouge recovery &</small> <small>317.0 → 320.0 ZF (2D)</small>
L	131180	131311.5	019	1D12	(1E)
L	131311.5	13413.5	110	1F10	? ~30% interbanded 1D0; minor tuffaceous material
L	13413.5	134170	111	1D12	(1E)
L	134170	13510.5	112	1DA	metatuffaceous; lower ct. faulted
L	13510.5	13580	113	1D12	minor interbanded 1D0
L	13580	131635	114	2CE 1D4	<20% massive py interbands; ~20% total sdes
L	131635	1317180	115	2H14	~80% po
L	1317180	13192.5	116	2CE 2CE	~60% total sdes; ~5% Pb+Zn; blue Qtz frags + bands
L	13192.5	13194.5	117	2H10	~80% po; minor Qtzite frags
L	13194.5	131919.5	118	2CE 2CE	~20% po; brecciated
L	131919.5	141140	119	2H10	→ 2F0 locally; <10% SiO ₂
L	141140	142180	210	2F18	→ 2E0 locally from 421.0 → 428.0 2F0
L	142180	143160	211	2E18	minor 2F0 bands/lams end of unit bxtd
L	143160	144120	212	2F10	
L	144120	144160	213	2H10	~80% po bxtd <small>what type of BXA???</small>
L	144160	14419.5	214	2A10	~10% total sdes; <small>well</small> brecciated
L	14419.5	14513.5	215	2A14	
L	14513.5	14619	216	2IC15	(2A, 1D4) ID4, 457.0 → 458.0 ~70-75% sdes
L	14619	146160	217	2E10	→ 2E1 locally; ~10% SiO ₂
L	146160	146190	218	2A10	
L	146190	148118	219	2D1E	~60% total sdes
L	148118	14890	030	2A10	
L	14890	151170	031	1D4	→ 1C D4; "white mica envelope"

Structural Log

Date: Nov/82 Logged By: RST/JNK

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14 16	20 22	24 26			Dip	Direct	Dip	Direct	Dip	Direct	
\$	109		195	0									from 109.0 → 195.0 struct. measurements taken from re-log (DJH, PL)
S			1107	0	PSZ						71	2110	S ₂ → S ₂
S			1124	0	PSZ						715	2110	
S			1137	0	PSZ						518	2110	
S			1156	0	PSZ						710	2110	
S			1179	0	PSZ						65	2110	
S			1195	0	CS3Z	7.0	00.0				25	2410	S ₀ =S ₂ S ₂ → S ₃
\$	1199	0	1199	5	BOX								11 to S ₂
S	1199	0	1209	0	PSZ						6.0	2110	S ₃ → S ₂
\$	1210	0	1245	0	SHR								gouge @ 215.0 (6"), 222.5 (8") 224.0 (6"), 226.5 (12") up cnt 45° to c.a. w/ low cnt 65° to c.a. 11 to S ₂ , 231.0 (6") S ₂ =65°/210 w/ up cnt 30/0 wrt to S ₂ , 233.0 → 235.0 broken core, @ 243.5 pass low cnt. 45° to c.a.
\$			1247	0	SHR								8" 50° to c.a.
S			1252	0	PSZ						55	2110	
S	1255	5	1257	0	PSZ						3.5	2110	broken core
S			1264	0	CS3Z	6.5	00.0				2.0	2140	S ₀ =S ₂ S ₂ → S ₃
S			1273	0	CS4M	2.0	18.0				7.0	2110	short limb for Z', S ₀ =S ₂ S ₃ → S ₄
\$	1275	0	1278	0	SHR								shearing sub 11 to c.a.
S	1278	0	1297	0	PSZ						6.5	2110	S ₄ → S ₂
\$			1297	0	BOX								low cnt. 30° to c.a. (3")
S			1301	0	PSZ						6.0	2110	
\$	1301	80	1317	0									5' recov., 2' ID4 gouge in middle of interval.
S			1321	0	PSZ						7.0	2110	
S			1329	0	PSZ						7.0	2110	
S			1340	0	PSZ						7.0	2110	
\$			1344	0									4" gouge zone 30° to c.a.
S			1348	0	PSZ						7.0	2110	
\$	1349	0	1351	0	SHR								shrd w/ gouge up cnt 15' to

Structural Log

Date: NOV 29/82 Logged By: RST/JNK

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.		Description
	10	14 16	20 22	24 26				28 34	38 40	
										ca, low cont. subll to c.a.
S			35140		PSZ				715 2110	S ₄ → S ₂
\$	3570		3590		FRIC					fract. zone 15' to c.a., 90' to S ₂ azm.
S			3610		PSZ				415 2110	
S	3640		3690		PSZ				115 2110	poss. short limb
S			3710		PSZ				710 2110	
\$										zone of PSZ ends @ 434.0
\$	4350		4580							variably poor to highly bxt'd core poor rotav. bxt'd core
S	4610		4630		PSZ				315 2110	poss. short limb broken core ??
S			4680		PSZ				711 2110	
\$			4780		SHR					ll to c.a., 90 to S ₂ azm
S			4910		PSZ				815 2110	
\$			4870							6" gouge zone
\$	4910		5250							3' ± short limb zone
S			4970		CS43				515 2110	S ₄ → S ₂
S			5040		CS42				515 2110	
S			5100		CS43				515 2110	
S			5220		CS42	70 1310			215 2110	S ₀ =S ₂
\$	5250		5490							M & S region
S			5260		CS4M	40 1180			510 2110	S ₀ =S ₂
S			5310		CS4S	15 000			415 2110	S ₀ =S ₂
S			5400		CS4S	10 000			510 2110	
\$	5490		5545		CS42					Z region
S			5500		CS4Z	35 1180			415 2110	S ₀ =S ₂
S			5530		CS4Z	50 1180			510 2110	S ₀ =S ₂
\$	5445		5670		CS4					essentially S & M region
S			5560		CS4E				502 110	
S			5600		CS4S	10 0100			515 2110	S ₀ =S ₂
S			5660		CS4S	10 0100			515 2110	S ₀ =S ₂

ASSAY LOG (SAMPLER'S COPY)

omit
omit

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10	14	16	20					
P	3050	3080	3080	3100	03830			11D141 (ZD0)	
P	3080	3130	3130	3150	03831			12D01 2' fault gouge (1D4)	71249
P	3130	3180	3180	3200	03832			12D11 (1D4, 2F)	71250
P	3200	3250	3250	3270	03833			11E1 IE not assayed?	
P	3600	3650	3650	3670	03834			11D141 (2H4)	71252
P	3650	3700	3700	3720	03835			12H41	71253
P	3700	3750	3750	3770	03836			12H41	71254
P	3750	3800	3800	3820	03837			12H41 (ZCE)	71255
P	3800	3850	3850	3870	03838			12CE1 (ZHO)	71256
P	3850	3900	3900	3920	03839			12CE1 (ZHO)	71257
P	3900	3950	3950	3970	03840			12CE1 47	71258
P	3950	4000	4000	4020	03841			12CE1 7 (ZHO)	71259
P	4000	4050	4050	4070	03842			12H41 (ZFO)	71260
P	4050	4100	4100	4120	03843			12H41 (ZFO)	71261
P	4100	4150	4150	4170	03844			12H41 (ZFO)	71262
P	4150	4200	4200	4220	03845			12F181	71263
P	4200	4250	4250	4270	03846			12F101 ± 8	71264
P	4250	4300	4300	4320	03847			12F101 (Zε8)	71265
P	4300	4350	4350	4370	03848			12E181	71266
P	4350	4400	4400	4420	03849			12F101 (ZHO)	71267
P	4400	4450	4450	4470	03850			12H101 (ZFO) bxtd	71268
P	4450	4500	4500	4520	03851			12A101 (ZD, ZHO)	71269
P	4500	4550	4550	4570	03852			12A141 (ZC5)	71270
P	4550	4600	4600	4620	03853			12C51 (ZA, 1D4)	71271
P	4600	4650	4650	4670	03854			12C51 (ZA, ZEO)	71272
P	4650	4700	4700	4720	03855			12A101 (ZEO)	71273
P	4700	4750	4750	4770	03856			12D1E5	71274
P	4750	4800	4800	4820	03857			12D1E5	71275
P	4800	4850	4850	4870	03858			12A101 (ZDES)	71276
P	4850	4900	4900	4920	03859			12A101 (1D4)	71277
P	4900	4950	4950	4970	03860			11D141	

67 007

F67007

Structure log - columns 34-38

Overlay New samples in Red

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

128

Hole Number: F67007

Fabric Orientation Diagram:

Project: ZONE 3 RE-LOG

Location: ZONE 3

Claim: _____

Terr. Plane Co-ords.: _____ N

E

Grid Co-ords.: 7743.11 N

MINE

15007.00 E

Elevation: 4005.0

All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 210°.

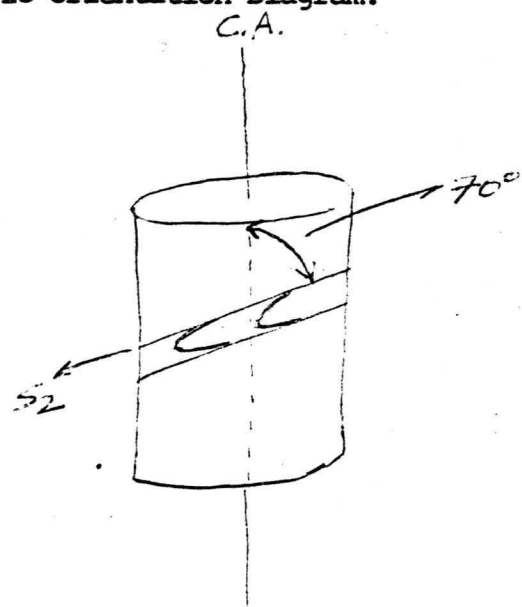
Total Depth: 551.0

Purpose: ZONE 3 DEF'N.

Logged by: _____ Date(s) Logged: _____

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

Started: _____ Completed: _____



DDH F.6.7.007
2 8

Cyprus Anvil Mining Corp.

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Lithologic Log

Date: Nov 82

Logged By: DJH PTL/JNK
1982

Code	From				To				Recov.				No.				Unit	Description		
	10	14	16	20	22	24	26	28	30	34	35	10	14	16	20	22			24	26
L	010	0	711	0					101	#	*									triconed no core
L	711	0	814	0					102		11D101									
L	814	0	919	0					103		11F101									light grey green, grainy
L	919	0	1019	0					104		11E101									
L	1019	0	1127	0					105		11D121									
L	1127	0	1287	7					106		11D101									
L	1287	7	1292	6					107		11D121									
L	1292	6	1329	6					108		11D101									note: 302 → 322.0 box missing
L	1329	6	1337	5					109		11D141									
L	1337	5	1365	5					110		11D101									
L	1365	5	1377	0					111		12A1D									breccia sulph., ZAD frags in flour matrix minor py
L	1377	0	1551	0					112		11C1D1									fault gouge @ 377.0 → 379.0, IF band 456.0 → 466.0 mainly andalusite qtz-musc ± bio schist.

Structural Log

Date: NOV 29/82 Logged By: JNK

Code	From			To			Feature	SYN	S ₀		S ₁		S ₂		Description	
	10	14	16	20	22	24			26	Dip	Direct.	Dip	Direct.	Dip		Direct.
	10	14	16	20	22	24	26	28	34	38	40	44				
																from 78.0 → 150.0 struct.
																measurements taken from
																re-log (DJH, P.L.)
S				78.0	P	S	2					6.4	21.10			S ₃ → S ₂
S				111.85	P	S	2					6.8	21.10			↓
\$	115.10			115.40												broken core, shrd bxtcd
																re-log started @ 150.0 ∴ up
																cnt of unit not known
																low cnt bxtcd
S				115.60	P	S	2					8.0	21.10			S ₂
S				118.40	P	S	2					7.5	21.10			
\$	121.30			121.55												broken shrd core, up cnt
																45 to c.a.
\$	121.86			122.10												broken rubble core - 140 unit
S				122.80	P	S	2					7.8	21.10			
S				124.80	C	S	3	7.8	5	1.8	0	2.5	24.0			S ₀ = S ₂ S ₄
S				127.20	P	S	2					7.7	21.10			S ₃ → S ₂
S				130.12	P	S	2					8.4	21.10			
S				134.20	P	S	2					7.8	21.10			
\$	136.14			137.60												breccia sulphide ZAD angular
																frags in very fine grained
																matrix, pr < 10%
\$	137.60			137.90	F	L	T									shrd rubble core w/
																gouge breccia, no cnts
\$	137.90			138.67	C	S	4	Z								Zone of S ₄ ? CS ₃ ? Z sym
S				138.24	C	S	4	Z	8.5	0	0	3.0	21.10			S ₀ = S ₂
\$	138.67			138.75												zone of steep S ₂ ? qtz vein!
																possible short limb
\$	138.75			140.80												zone of incl. sym
S				140.45												broken core, shrd, veined,
																well altered w/ 6" gouge
																shrearing @ up. cnt 40° to c.a.
\$	140.80			141.30												zone of CS ₃ Z sym.
S				140.85	C	S	3	Z	7.0	1.8	0	1.5	24.0			S ₀ = S ₂
S				141.30	C	S	3	Z	7.0	1.2	0	2.0	24.0			S ₀ = S ₂
\$	141.30			155.10	C	S	4	Z								essentially CS ₄ Z sym

Structural Log

Date: Nov 29/82 Logged By: JNK

Code	From		To		Feature	E S ₁	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	30	32	
													long limb of π fold
S			4220		C/S A π						410	2110	S ₂ ind.
S			4330		C/S A π	70	1810				415	2110	S ₀ =S ₂
S			4420		C/S B π	60	01010				210	2410	S ₀ =S ₂ , poss. S ₄ ?
S			4440		C/S A π	85	1810				415	2110	S ₀ =S ₂
S			4550		C/S A π	60	1810				510	2110	
A	4516	4	4610										broken shrd. core, locally well developed breccia @ 458.0 ankerite filled shear-breccia zone sub 11 to c.a., low cnt, shrd 20' to c.a.
A			4622										4" gouge breccia
S			4619		C/S B π	70	01010				215	2410	S ₀ =S ₂ , subtle cren. of S ₂
S			4810		C/S A π						55	2110	
S			4930		C/S A π						45	2110	
S	4975		5110		P/S 12						710	2110	
S			5111		C/S A π	85	1810				33	2110	S ₀ =S ₂
S			5114		C/S B π	75	01010				215	2410	
S			5237		C/S A π	70	1810				60	2110	S ₀ =S ₂
S			5374		C/S A π						40	2110	
S	5413	6	5440		C/S A S	15	1810				60	2110	S ₀ =S ₂ , 6" of S sym short limb
S			5470		C/S A π	70	1810				510	2110	

S₄ → S₃
S₃ → S₄

S₄ → S₃
S₃ → S₄

S₄ → S₂
S₂ → S₄
S₄ → S₃
S₃ → S₄

67 008

F67008

Lith Log - columns 26-28
31-33

Structure Log - columns 34-38

Assay Log - new sample #s in Red

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

128

Hole Number: F67003
67-8

Fabric Orientation Diagram:

Project: ZONE 3 RE-LOG

Location: ZONE 3

Claim: _____

Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords.: 8342.20 N

MINE 15602.20 E

Elevation: 4164.0

All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 210°.

Total Depth: 806.0

Purpose: ZONE 3 DEFIN.

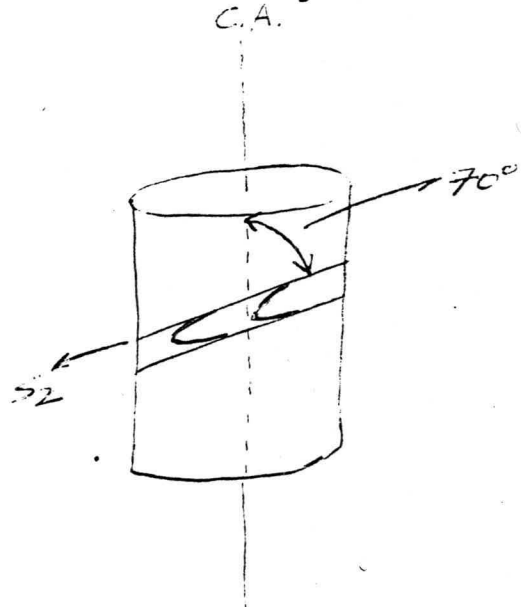
Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

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

Started: _____ Completed: _____



Code	From	To	Unit	Code	Description
	10	14 16	20 22 23	25 27	
L	1100	1160	01	#1	triconed-no core
L	1160	1315	02	31D10	brecciated; "zone 3 breccia cap"; 189.5-240 split (minor py, pa visible); 279-283 split; 296-300 split; all w/ minor py, pa, chpy
L	1315	1317	03	01E18	hb > bio; no ct. attitudes possible
L	1317	1507	04	31D10	cf unit 2; fault gouge 487-490
L	1507	1517	05	31A10	transition zone; brecciated w/ minor 1D frags; fault gouge 544-552', 559.5- 562', 566-568', 579-582', 583.4-586
L	1517	1518	06	1D10	brecciated bx cap
L	1518	1612	07	01E18	bio => hb; upper ct sub // S ₂ (caution - breccia) 60° upper cut. lower cut bxd.
L	1612	1613	08	21B10	< 5% total sdes - [2L14]
L	1613	1613	09	21C17	~50% total sdes (mainly po) ductile flow bx?
L	1613	1614	10	21C1E	~60% total sdes; → 2CO locally" ^(2FO) 2A1 frags.
L	1614	1615	11	21C1E	→ 2E81 locally; ~50% total sdes
L	1615	1616	12	21C13	→ 2CE locally; ~40% total sdes
L	1616	1618	13	21D1 ⁴ 3	~70% total sdes (2A14 phyl) 2A14 over last 9'
L	1618	1619	14	21B14	→ 1D4 locally. [2L14]
L	1619	1619	15	1D10	no andalustite
L	1619	1704	16	1D14	?; fault breccia + gouge ^{722-790 major fault} in middle of iat
L	1704	1718	17	11C1D	minor bio; gouge 740-745, 765-767, 778-781
L	1718	1810	18	11C1D	qtz-feldspathic musc bio gneiss
		1E10W			

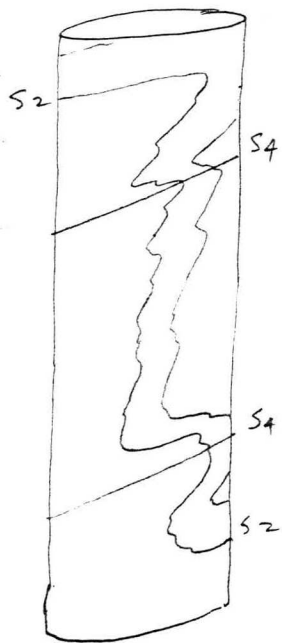
cap

Structural Log

Date: _____

Logged By: RST / JK

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description			
	10	14	16	20			22	24	26	28	30	32		34	36	38
S	430	16850	16850	16850	B,X											Bx cap no structural measurements taken.
S	5475	5530	5530	5530												blk & rubbled shrd core upper cut 50° to ca. lower cut 10-15° ca.
S	5550	5654	5654	5654												blk, rubbled shear core upper cut 10° ca
S	5597	5623	5623	5623												" " " "
S	5660	5684	5684	5684												" " " " lower cut 20° ca
S	5794	5830	5830	5830												" " " bxtd lower cut 30° ca
S	5843	5865	5865	5865												" " "
S		5880	5880	5880												graphitic shear 15° to c.a.
S		6340	6340	6340	P,S,2P						46	210				S_2
S		6850	6850	6850	P,S,2P						64	210				↓
S		6945	6945	6945	CSAZ	50	180				80	210				$S_0 = S_2$ S_4 $S_2 \rightarrow S_4$
S	7010	7025	7025	7025	CSAZ	15	180				80					zone of steep S_2 $S_0 = S_2$
S		7042	7042	7042	B,X											ganged also lower cut 50° ca.
S		7084	7084	7084	CSAZ	70	180				65	210				$S_0 = S_2$
S		7144	7144	7144	CSAZ	45	180				80					$S_0 = S_2$
S	7210	7250	7250	7250	SHR											Bxtd shw upper cut 25° ca, lower cut 15°
S	7210	7920	7920	7920	FILT											Major fault zone - 2 shear sets @ 10-15° ca & 30-45° ca.
S		7690	7690	7690	CSAZ						60	210				
S		7930	7930	7930	CSAZ						40					
S		7994	7994	7994	CSAZ						60					See diag.



799.5'

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION	
	1	10	14	16	20	22	26	28	30	32	34	36		40
P	11880	11910				1221012								footage gap
P	11330	11380				1221013								footage gap
P	11850	11910				1221014								
P	11910	11950				1221015								
P	11950	12100				1221016								
P	12010	12050				1221017								
P	12050	12110				1221018								
P	12110	12150				1221019								
P	12150	12200				122110								
P	12250	12310				122112								
P	12300	12350				122113								
P	12730	12780				122114								
P	12950	13010				122115								not assayed
P	16250	16310				122116	150					12B01		
P	16310	16350				122117	150					12C719		71351
P	16350	16410				122118	150					12C719		71352
P	16410	16450				122119	150					12C1E	(2F0, 2A1 frags)	71353
P	16450	16510				12220	150					12C1E	→ 2E81	71354
P	16510	16550				12221	150					12D131	(2C3)	71355
P	16550	16610				12222	150					12C31		71356
P	16610	16650				12223	150					12D143		71357
P	16650	16710				12224	150					12D143		71358
P	16710	16750				12225	150					12D143		71359
P	16750	16810				12226	150					12D143	(2A14)	71360
P	16810	16850				12227	150					12B41	[2L14]	71361
P	16850	16910				12228	150					12B41		71362
P	16910	16950				12229	150					11D101		71363

omit

70 013

F70013 — lith. log columns 26-28
31-33
structure log columns 40-44

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

128

(1)

Hole Number: F 70013

Fabric Orientation Diagram: C.A.

Project: ZINE 3 RE-LOG

Location: ZINE 3

Claim: _____

Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords.: 7561.17 N

MINE * 1481395 E

Elevation: 4011.18

All symmetry determinations looking
NW with S2 dipping
SW with dip azimuth 315°.

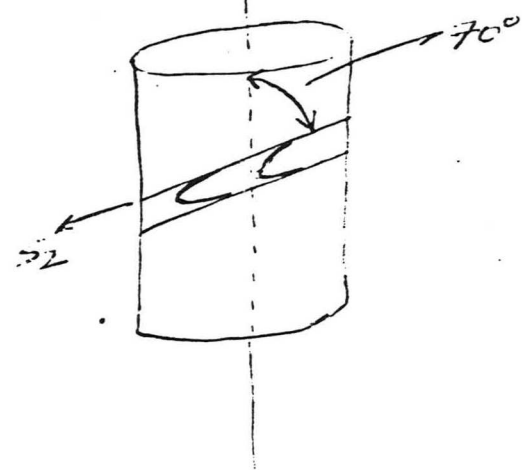
Total Depth: 706.0

Purpose: ZINE 3 DEFIN.

Logged by: _____ Date(s) Logged: _____

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

Started: _____ Completed: _____



Structural Log

Code	From		To		Feature	S/E	S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	
				70	0	PS ₂			70	210	
S				101	0	PS ₂			70	210	
S				132	0	PS ₂			75	210	
S				154	0	PS ₂			75	210	
S				179	0	PS ₂			70	210	
S				184	0	CS ₂			80	210	
S				213	5	CS ₂			75	210	
S				239	0	CS ₂			80	210	
S				281	5	PS ₂			85	210	
S				323	0	PS ₂			85	210	
S				616	35	PS ₂			60	210	
S				393	0	PS ₂			80	210	
S				422	0	PS ₂			70	210	
S				450	5	PS ₂			70	210	
S				484	0	PS ₂			65	210	
S				502	0	PS ₂			80	210	
S				528	0	PS ₂			80	210	
S				549	0	PS ₂			50	210	
S				565	5	PS ₂			65	210	
S				581	5	PS ₂			60	210	
S				611	20	PS ₂			85	210	
S				642	0	PS ₂			70	210	
S				668	0	PS ₂			80	210	S ₄ 45° SW 210
S				698	0	PS ₂			75	210	

RFE

S₂



75 012

77 006

F77006

Lith Log, - columns 26-28
31-33

small 2B

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

128

Hole Number: 77-06

Fabric Orientation Diagram:

Project: Pit Drilling

Location: ZONE 3

Claim: _____

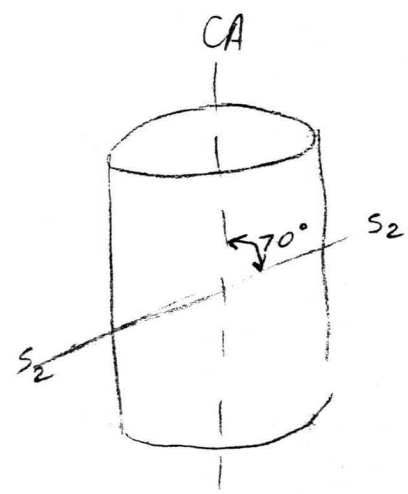
Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords.: 8,286.05 N

15,503.2 E

Elevation: 4136.04 (mine)



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

Total Depth: 700'

Purpose: Mine Development (Zone 1+3)

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

Drilling Contractor:	Core:	Size	From	To	Collar Cased and Capped:
<u>CIA ROW</u>		<u>BQ</u>	<u>0</u>	<u>EOH</u>	<u>YES</u> <u>10'</u>

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

Code	From	To	Unit	Code	Description
1	10.14	16.20	22-23	25-27	
L	100	180	01	31	O/B
L	120	1637	02	31D	
L	1637	1675	03	3K0	
L	1675	2450	04	3DP	oxidized + non oxidized zones throughout - overall section is not oxidized
L	2450	2466	05	0E7	upper + lower contact // S ₂ upper = lower =
L	2466	3150	06	3D10	similar to unit 4, more phyllitic zones → 3A, 1D
L	3150	3151	07	3C10	"tuffaceous", banded.
L	3151	4130	08	3DP	As in unit 06
L	4130	4313	09	3K0	massive, tuffaceous
L	4313	4360	10	3D10	As in unit 08
L	4360	4371	11	3C10	massive.
L	4371	4622	12	3A10	
L	4622	4632	13	3K0	- banded.
L	4632	4645	14	3A10	oxidized
L	4645	4905	15	0E8	
L	4905	5065	16	0E7	Leucocratic
L	5065	5130	17	3A5	As in unit 14
L	5130	5163	18	0E8	As in unit 15
L	5163	6070	19	0B16	3' 10B24789 Not simple, etc though minor banded
L	6070	6107	20	1K10	- granitic 607 V. heavily banded (10B...)
L	6107	6111	21	0B16	10B24...
L	6111	6112	22	2C3	60% py, no base metals could be any upper contact of a 45' lower = 10D
L	6112	6119	23	0B16	- banded fragments of 0B, 0E and 1C0
L	6119	6156	24	0B16	10B24... includes minor 5' frags.
L	6156	6159	25	2B10	As in Unit 22 bxn with 2C 2E opp 1C0 in matrix
L	6159	6161	26	0B16	10B24...
L	6161	6167	27	2B10	- bxn w 4L/4E 4B, 4C3 frags + 4A banded part 912 raised in sample
L	667	672	28	2A0	Swissite frag. in banded aggr.
L	672	677	29	1C0	(4B, 4D, 4C3) = frag types in 3XA
L	677	7000	30	1C10	crystals of CO buccia + structures converted to a brownish? mineral.

Structural Log

Code	From				To				Feature	S ₁ Dip Direct.	S ₂ Dip Direct.			Description			
	10	14	16	20	22	24	26	28			32	34	38		Ft.	Rec.	
				116	0	P	S ₁₂				7	21	9	61.0 19 12	1.4	30 → 62	steep
S				125	0	P	S ₁₂				7	21	9	17 19.5	3.0 2.6		S ₂ ?
S				130	0	P	S ₁₂				0	5	21	10	25.0 35.0	4.7 10.0	
S				135	0	P	S ₁₂				0	5	21	9	46.0 57.0	11.0 11.0	
S				145	0	P	S ₁₂				3	9	21	10	62.0 72.0	5.9 10.0	
S				155	0	P	S ₁₂				3	10	21	10	82.0 82.0	10.0	
S				172	0	P	S ₁₂				6	9	21	9	87.0 92.0	4.6 10.0	
S				182	0	P	S ₁₂				7	9	21	10	102.0	5.0	
S				196	0	P	S ₁₂				5	5	21	10	108.0 111	6.0 3.0	
S				195	0	P	S ₁₂				3	9	21	9	117	6.0	
S				117	0	P	S ₁₂				7	5	21	10	127.0 135.0	10.0 8.0	
S				112	0	P	S ₁₂				8	9	21	10	145.0	10.0	
S				137	0	P	S ₁₂				5	5	21	9	151.0	6.0	
S				147	0	P	S ₁₂				6	9	21	10	155.0 160.0	4.0 5.0	
S				151	0	P	S ₁₂				6	5	21	10	170.0	10.0	
S				165	0	P	S ₁₂				7	9	21	9	180.0	10.0	
S				174	0	P	S ₁₂				7	5	21	9	187.0 194.0	7.0 7.0	
S				187	0	P	S ₁₂				3	5	21	9	209.0	10.0	
S				194	0	P	S ₁₂				6	10	21	10	210.5	6.5	
S				204	0	P	S ₁₂				7	5	21	9	217.0	6.5	
S				214	0	P	S ₁₂				7	9	21	9	221.5	4.5	205.5 → 206.5 BxA
S				214	0	P	S ₁₂				7	9	21	9	231.0	9.5	207.0 → 209 BxA
S				231	0	P	S ₁₂				7	9	21	10	241.0	9.5	232 → 243 steep S ₂
S				236	0	P	S ₁₂				0	5	21	10	250	9.0	210 → 213 BxA
S				242	0	P	S ₁₂				6	9	21	9	255	5.0	
S				252	0	P	S ₁₂				6	9	21	9	255	10.0	256.5' → 262.5 steep S ₂
S				252	0	P	S ₁₂				7	9	21	9	265	12.0	90use zone 262.5' → 262.7'
S				265	0	P	S ₁₂				7	5	21	9	277	10.0	
S				272	0	P	S ₁₂				2	5	21	10	287	10.0	270 → 277 steep S ₂
S				272	0	P	S ₁₂				2	5	21	10	297	14.0	279.5 → 283 BxA
S				277	5	P	S ₁₂				7	5	21	9	311 321	10.0	
S				287	0	P	S ₁₂				7	5	21	9	331	10.0	
S				297	0	P	S ₁₂				7	9	21	10	335	4.0	
S				306	0	P	S ₁₂				7	9	21	10	345.5	10.5	
S				316	0	P	S ₁₂				7	9	21	9	353.0	5.8	324 → 326 BxA
S				326	0	P	S ₁₂				8	9	21	9	363.0	10.0	
S				326	0	P	S ₁₂				6	5	21	10	373.5	10.5	
S				335	0	P	S ₁₂				6	9	21	10	388.0	14.5	346 → 348 BxA
S				345	5	P	S ₁₂				6	9	21	9	399.0	10.0	
S				367	5	P	S ₁₂				5	5	21	10	407	8.0	Note: minor breccia zones throughout section

OMIT THIS

other than these conditions

Structural Log

Zone	From		To		Feature	E S ₁	S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28		32
				18	20	P.S.2			710	2110	407	
S				39	40	P.S.2			65	2110	421	14.0 371-377 broken
S				40	80	P.S.2			55	2110	428	7.0 core
S				121	130	P.S.2			65	2110	434	5.9 370 → 381 BXA
S				132	200	P.S.2			610	2110	444	16.0 390 → 408' step S ₂
S				142	200	P.S.2			65	2110	450 457	6.5 400 → 415' RYA
S				151	200	P.S.2			80	2110	464.5	5.4
S				162	25	P.S.2			60	2110	473.5	9.0
											490.5	14.2 from 466.0 → EOH has been
											492.0	1.5 superceded by 1982 struct.
											496.0	4.0 re-log see page 6
											501	5.0 612.5' → 616.5'
											505	4.0
											513	8.0 BXA zone
											516	2.3 658 - 659.5
											520	4.0 BXA zone
											527	4.2 662 → 665.5
											530	3.0
											533	2.0 BXA zone
											537	2.0 665.5 - 667.5 step
											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 step S ₂
											563	3.8
											579	16.0
											583	4.0
											601	15.0 693 → EOH zone
											607	6.7
											612.5	5.9 of breccia
											619.5	7.0 + fractures filled
											6290	9.5 with a brownish
											637.5	6.0 mineral?
											6450	7.5
											6530	8.0
											660.5	7.5
											674.5	14.0
											690.0	15.4
											700	1.0
											E.H.	

Omit This

81 009

F81009. - lith log. columns. 26-28
31-33.
structure logs columns 40-44

Sorry Marilyn but this one is
a complete mess

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

128

Hole Number: 81-09

Fabric Orientation Diagram:

Project: PIT DRILLING

Location: ZONE 3

Claim: _____

Terr. Plane Co-ords.: _____ N

Grid Co-ords.: 7,860.42 N

15,057.82 E

Elevation: 4014.87

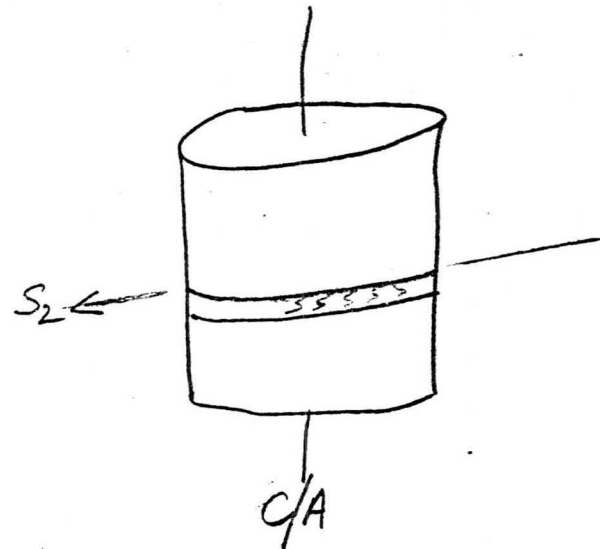
Total Depth: 481.0

Purpose: _____

Logged by: W/M Date(s) Logged: _____

Drilling Contractor: ADD Core: Size From To Collar Cased and Capped: NO

NO COLLAR 481.0



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 210.

Started: _____ Completed: _____

DDH 81-09
2 8

Diamond Drill Core Log

Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E						
1	2	8	10	16	17	24	25	32	34	39	41	42
T	81-09	4014.87	7860.42	15057.82	Feet	52						

F81009

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments					
1	2	8	10	14	22	26	28	32	34	56
R	81-09	00	180.0	120.0	AT COLLAR,					
R	81-09	20.80	178.0	120.0	AZIMUTHS OF THIS HOLE					
R	81-09	45.00	179.0	310.0	NOT MEASURED:					
					ESTIMATED FROM SURROUND					
					ING HOLES, NOV. 1, 1982					

F81009

*

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

JWM

FROM	To	N ^o	UNIT	Feet
0.0	28.0	01	#	TRICONED - NO CORE
28.0	32.0	02	3D47	phyllitic calc-silicate little carbonate "hornfels"
32.0	44.4	03	3A0	As in unit 02, minor calc-silicate
44.4	45.0	04	FO/300	minor carbonate calc-silicate at 100' strike
45.0	58.2	05	3D4	300 mica sole, calcareous, chert, not typical, chert like (3D)
58.2	68.0	06	1D0	As in unit 02, but not truly phyllitic → 300, mostly chert.
68.0	80.0	07	1E0	Fault zone? shear zone? defined by ① highly sheared phyllitic-still mineralized ② fragments of 300 unit fine grained mica 30:50: calc-silicate not observed in 40' sec
80.0	85.0	08	FO/300	graphitic phyllite, no calc-silicate in siliceous - in this - layer 100' equivalent of calc-silicate? 5.0' sec
85.0	93.0	09	1D2	300 - calcareous, chloritic, altered muscovite.
93.0	107.5	10	1D2	similar to unit 09 locally but mica like 1D, minor muscovite.
107.5	214.0	11	1D0	as above, less carbon, andalusite appearing, no calcareous.
214.0	235.7	12	1D0	good 1D generally calcareous, bearing, locally calcareous andalusite, minor calc-silicate, generally siliceous, most 300, minor occurrence of calc-silicate at 180'
235.7	238.0	13	1D4	as above specks, biotite and mica? 1FO siliceous at 100' strike
238.0	244.8	14	1D0	as in unit 12
244.8	245.8	15	1D0	Fault zone - calc-silicate andalusite Fault - 25° to CA. - surface

Code	From	To	No	Unit	Description
	10	14	16	20 26 28 31 33	
L	2458	2910	16	1 DO	minor biotite, very fine-grained carbonaceous - well developed andalusite, muscovite - in places balance and not visible.
L	2910	3010	17	1 EO	quartzite - fine-grained, fine to medium-grained, chlorite no clear biotite - fine-grained grey color - fine-grained, fine-grained unit - from contact - not visible, 20'
L	3010	3730	18	1 GD	gradational change 15' → 10'; fine-grained, chlorite fine-grained, fine-grained, fine-grained silica + R. 15' to 10' and matrix of fine-grained, fine-grained, fine-grained contact 10' of A - small contact at contact; Sulph. clasts present; fine → 10' closely - mica 124' - fine subdued - fine-grained, fine-grained, fine-grained
L	3730	3780	19	1 GD	fine-grained, fine-grained, fine-grained silica + R. 15' to 10' and matrix of fine-grained, fine-grained, fine-grained contact 10' of A - small contact at contact; Sulph. clasts present; fine → 10' closely - mica 124' - fine subdued - fine-grained, fine-grained, fine-grained
L	3830	3830	20	1 CD	fine-grained, fine-grained, fine-grained silica + R. 15' to 10' and matrix of fine-grained, fine-grained, fine-grained contact 10' of A - small contact at contact; Sulph. clasts present; fine → 10' closely - mica 124' - fine subdued - fine-grained, fine-grained, fine-grained
L	3830	4020	21	1 CD	fine-grained, fine-grained, fine-grained silica + R. 15' to 10' and matrix of fine-grained, fine-grained, fine-grained contact 10' of A - small contact at contact; Sulph. clasts present; fine → 10' closely - mica 124' - fine subdued - fine-grained, fine-grained, fine-grained
L	4020	4030	22	1 CD	fine-grained, fine-grained, fine-grained silica + R. 15' to 10' and matrix of fine-grained, fine-grained, fine-grained contact 10' of A - small contact at contact; Sulph. clasts present; fine → 10' closely - mica 124' - fine subdued - fine-grained, fine-grained, fine-grained
L	4030	4093	23	1 CD	fine-grained, fine-grained, fine-grained silica + R. 15' to 10' and matrix of fine-grained, fine-grained, fine-grained contact 10' of A - small contact at contact; Sulph. clasts present; fine → 10' closely - mica 124' - fine subdued - fine-grained, fine-grained, fine-grained
L	4093	4140	24	1 CD	fine-grained, fine-grained, fine-grained silica + R. 15' to 10' and matrix of fine-grained, fine-grained, fine-grained contact 10' of A - small contact at contact; Sulph. clasts present; fine → 10' closely - mica 124' - fine subdued - fine-grained, fine-grained, fine-grained
L	4140	481.0	25	1 CD 1 CD	locally to 120' good biotite chlorite - fine-grained, fine-grained, fine-grained

End.

Structural Log

Logged By: JWM

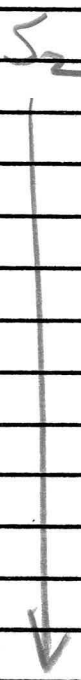
F81009

Code	From		To		Feature	SYM	S ₁		S ₂		Description	FEET	
	10	14 16	20 22	24 26 28			Dip	Direct.	Dip	Direct.		FOOTAGE	REC
S			1290		IS2			68	2110				
S			1450		IS2			70	2110			32.0	3.0
S			16180		IS2			65	2110	} core 10m + gauge 30m		43.0	
S			1740		IS2			62	2110		50.0	4.0	
S			19180		IS2			70	2110			58.0	1.7
S			110180		IS2			65	2110			68.0	3.8
S			11230		IS2			65	2110			78.0	7.9
S			11340		IS2			60	2110			85.0	5.0
S			11470		IS2			80	2110			95.0	8.2
S			11610		IS2			75	2110			102.0	5.2
S			11730		IS2			79	2110			108.0	3.3
S			11830		IS2			85	2110			115.0	4.9
S			11870		IS2			88	2110			123.0	9.6
S			12140		IS2			77	2110			127.5	7.5
S			12230		IS2			75	2110			139.0	6.5
S			123180		IS2			84	2110			138.5	4.5
S			124180		IS2			80	2110			147.0	8.5
S			125180		IS2			74	2110			159.0	4.5
S			12640		IS2			80	2110			161.0	6.0
S			12750		IS2			88	2110			172.0	9.6
S			12860		IS2			80	2110			173.0	11.0
S			129180		IS2			85	2110			182.0	8.0
S			130165		IS2			76	2110			192.0	8.0
S			131170		IS2			78	2110			204.0	11.3
S			132175		IS2			81	2110			214.0	9.0
S			133180		IS2			87	2110			223.0	9.0
S			13480		IS2			70	2110			228.0	5.0
S			135180		IS2			80	2110			238.0	8.0
S			136180		IS2			74	2110			243.0	5.0
S			13780		IS2			54	2110			248.0	5.0
S			13880		IS2			65	2110			253.0	5.0
S			13980		IS2			58	2110			264.0	11.0
S			142100		IS2			65	2110			275.0	11.0
S			14320		IS2			50	2110			286.0	11.0
S			14410		IS2			58	2110			296.0	10.0

core 10m
+ gauge
30m

from 214.0 → E.O.H.
superceded by 1982
structural re-log
pages 6 & 7

S₁ = 25°
S₂ = 32°



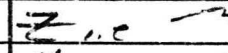
Structural Log

Date: 21 Nov Logged By: GAT/DST

Code	From	To	Feature	S ₂ E	S ₀		S ₁		S ₂		Description			
					Dip	Direct.	Dip	Direct.	Dip	Direct.				
	10	14	16	20	22	24	26	28	32	34	38	40	44	
S			21010	CS4Z								510	2110	S ₄
S	2390	2395		FLT										S ₂ → S ₄
S	2450	2480		FLT										
S	2469	2700		FLT										
S			2570	CS4Z								40	2110	
S			31020	CS4Z								40	2110	
S	3160	3175		FLT										
S			3190	CS4Z								45	2110	
S			3250	FLT										
S	3315	3330		FLT										
			3410	FLT										
S	3535	3545		BXA										
S			3545	CS4Z								25	2110	
S	3565	3575		FLT										
S	3625	3630		FLT										
S	3675	3710		FLT										
S	3710	384		FLT										
S	3885	3890		FLT										

Structural Log

Date: 21 Nov 82 Logged By: GAT/DSS

Code	From		To		Feature	S ₁ S/E	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				3935	CSH 3						30	210	3 ⇒ Z S ₄
S				3990	CSH Z						28	210	
\$	4020		4030		FLT								gauge & rubble; lower 20'000
													upper IND
\$	4045		4060		FLT								bln. core & rubble; upper
													lower IND, internal ⇒
													20° to c.a.
\$	4090		4150		FLT								bln core, rubble, gauge,
													bfia, dogslut; lower = IND
													upper IND may be steep?
S				4160	CSH Z						40	210	@ 417 = 1" CS ₄ S on short limb
S				4180	CSH Z						40	210	
S				4235	CSH Z						32	210	
S				4250	CSH Z						52	210	
S				4360	CSH Z						40	210	
\$	4370		4385		FLT								gauge, rubble, bln core IND
S				4410	CSH Z						48	210	
S				4510	CSH Z						50	210	
S				4580	CSH S						58	210	local
S				4680	CSH S						45	210	"
S				4780	CSH Z						50	210	
\$	4550		4710										many local S regions
													w/ S ₂ dipping steeply to
													moderately NE ⇒
													short limb but w/ overall
													Z i.e.  ; below
													this is a Z region w/
													both for ^{ns} dipping SW
													Note: ignore JWM
													summary, his S ₂ data
													OK!!

81 013

F81013

Lith log

columns

26-28

31-33

Structure

"

34-38

Assay log -

new sample #s in red

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

128

Hole Number: F81013

Fabric Orientation Diagram:

Project: PIT DRILLING

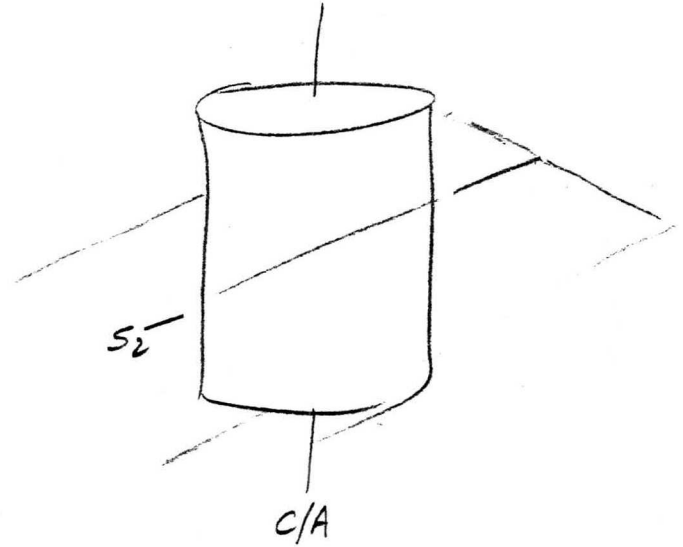
Location: ZONE 3

Claim: _____

Terr. Plane Co-ords.: 7,898.94 N

15,112.75 E

Grid Co-ords.: _____



Elevation: 4014.12

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

Total Depth: 504.0'

Purpose: _____

Logged by: JWM

Date(s) Logged: _____

Drilling Contractor: A.D.O.

Core:	Size	From	To	Collar Cased and Capped:
<u>NO</u>	<u>COLLAR</u>	<u>EOM</u>		<u>NO</u>
_____	_____	_____		
_____	_____	_____		

Started: _____ Completed: _____

DDH 81-13
2 8

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E						
I	2	8	10	16	17	24	25	32	34	39	41	42
T	81-13	4014.12	7898.94	15112.75	Feet	52						

F81013

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments					
I	2	8	10	14	22	26	28	32	34	56
R	81-13	100	180.0	230.0	AT COLLAR					
R	81-13	2080	179.0	231.0	AZIMUTHS OF THIS HOLE					
R	81-13	4000	179.0	281.0	NOT MEASURED					
R	81-13	5000	175.0	311.0	ESTIMATED FROM SURROUNDING HOLES NOV 1982					
					EST/SUR. HOLES NOV 1982					

F81013

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

Lithologic Log

Code	From	To	Unit	Code	Feet	Description
	10	14	16	20	22 23	25 27
	100	1350	01	F1		TRACED
	350	470	02	1D3		Calcium carbonate = 15 minor (M) silicate
L	470	560	03			Fault marker at 470 - ore etc.
L	560	880	04	1D0		same as unit 04 ore etc. same marker at 88' Fault marker at 89' 880 = 960 - 3.4' REC.
L	880	1140	05	1D10		As in unit 04
L	1140	1150	06	1F10		small band metabasite
L	1150	1176	07	1D0		As in unit 4,5
L	1176	1378	08	1D3		similar to unit 2, variably calcareous throughout, approaching 15 in carbon content. (Fault marked at 135')
	1378	1510	09	1D0		andalusite bearing, locally carbonaceous biotite - muscovite.
L	1510	1568	10	1F0		rock equivalent to 5D, in part tuffaceous
L	1568	2162	11	1D0		As in unit 9, mud seam at 212.0'
L	2162	2315	12	1F0		= 5D tuffaceous chlorite schist
L	2315	2523	13	1D0		✓ becoming less dark (biotite + carbon Fault marked at 256.5')
L	2523	2632	14	1D0		✓ 30-90 Fault gouge + breccia breccia is infilled with a fine sand.
						- no attitudes - in place for would eject minor movement
L	2710 2852	2852	15	1D2		= As in unit 13, carbonaceous bearing
L	2852	2856	16	1D2		Fault gouge - contacts = 55° 152
L	2856	2920	17	1D4		= As in unit 15 shrd, alt'd
L	2920	3066	18	1D0		= 1D4 muscovite >> biotite
	3066	3074	19	1D0		Fault breccia
L	3074	3205	20	2D3		= 4L3? andalusite altered to quartz + calcite
L	3205	3309	21	2D0		Fault gouge + breccia no carbonaceous
						recovered
L	3309	3362	22	2D0		AM - fine texture "Mud"

Structural Log

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	10	14 16	20	22 24					
\$	1360	1860							from 36.0 → 186.0 struct. measurements taken from original log JWM.
S		360	S2				67 2110		S ₂ S ₄ → S ₂
S		455	S2				68 2110		
S		570	S2				71 2110		
S		670	S2				61 2110		
S		780	S2				73 2110		
S		870	S2				65 2110		
S		960	S2				68 2110		
S		1080	S2				78 2110		
S		1175	S2				75 2110		
S		1360	S2				80 2110		
S		1450	S2				74 2110		
S		1565	S2				73 2110		
S		1730	S2				70 2110		
S		1830	S2				75 2110		
\$	1867	1904							broken core
\$	1932	1966							broken core, minor gouge
S		2090	CS4Z	8.5	21.0		3.0 2110		S ₂ → S ₄
\$	21100	2130							broken-rubble core, chloritic aftn 4" qtz vein @ 212.0, no cnts
\$	21138	21212							broken-rubble core, chloritized shear @ 217.0 sub 11 to c.a.
\$	2210	2326							broken core
S		2340	CS4Z	8.5	0.0 10.0		4.5 2110		S ₂ → S ₄
\$		2380	SHIR						shrd qtz vein 50° to c.a.
\$	2397	2437							shrd broken core, minor gouge shear @ 242.0, 10° to c.a.
									low cnt shrd 55° to c.a.
\$	2442	2476	FILT						broken rubble core, no cnts
S		2484	CS4Z	7.0	18.0		5.5 2110		S ₀ = S ₂ , S ₂ dip azm? subtle crenulation of S ₂
\$	2522	2533	SHIR						shrd w/ gouge breccia, low cnt. 55° to c.a.
\$	2540	2570							shrd, brkn core w/ gouge breccia

Structural Log

Date: Nov 22/82 Logged By: JNK/GAJ

Code	From		To		Feature	S/E	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	Dip	Direct.	Dip		Direct.
								28	34	32	34	38	40	
														@ low cnt sub to c.a
S			12518	0	C/S 14	Z	65	180			40	2110		S ₀ =S ₂ , distinct crenulation S ₂ →S ₄
\$			12518	7	FILT		115	2170			810	2110		gouge breccia, up. cnt. = S ₀ , low. cnt. 30° to ca.
S			12169	0	C/S 14	Z	511	01510			310	2110		S ₀ =S ₂
\$			12815	0	S HR									shrd w/ gouge breccia, graphitic shearing to S ₂
\$			12818	0										broken core, shrd, occ qtz vein
\$														low cnt small irreg. py stringer
\$			131016	0	S HR									shrd breccia zone w sericitic altn, shearing sub to S ₂
\$			131210		S HR		510	1810			815	2110		shrd w/ gouge breccia, low cnt = S ₀
\$			131216	5	S HR									shrd w/ gouge breccia sub to S ₂
S			131110	0	P/S 12 P						810	2110		S ₂
S			131214	0	P/S 12 D						810	2110		S ₂
\$			11816	0										Z - long limb
\$														core no longer exists whole sampled for assaying
\$			131618	1	1464 B	FILT								fault zone, shrd, bxd, w/ gouge breccia, locally graphitic shears, broken rubble core, throughout, shearing @ low cnt 20° to c.a. 40° to c.a. small ZE frag in gouge breccia, NOTE: above shear 100± ft below small zone of ZA with steep S ₂
S			13713	0	C/S 4 M		115	1810			610	2110		S ₀ =S ₂ S ₂ →S ₄
S			13716	0	C/S A S		110	1810			212	2110		steep S ₂ , S ₀ =S ₂
S			13816	0	C/S A Z									
S			13910	0	C/S 14 S									
S			141615	0	C/S A M						410	2110		local "m" region in an overall Z region
S			14710	0	C/S A Z		810	01010			413	2110		S ₀ =S ₂
S			14715	0	C/S 14 Z		810	01010			410	2110		S ₀ =S ₂
S			14810	0	C/S 14 S		010	01010			610	2110		S ₀ =S ₂ , probably S limb on a

Structural Log

Code	From		To		Feature	E of S ₁	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	32	34	
													Z - fold <i>S₄</i>
S			48	160	C/S14	M					4	15	2110 local "M" on an overall Z region
S			49	110	C/S14	S					7	10	2110 1.5' S short limb on overall F4 fold
S			49	160	C/S14	M					4	10	2110 local "M" region, 2' of S above and 2' of Z below
S			50	110	C/S14	Z					6	10	2110 zone of mixed symmetry 20% "S" 80% "M & Z" with S ₂ dipping in opposite direction to S ₄ .

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	FEET	DESCRIPTION							
	10	14	16	20							22	26	28	30	32	34	36
P	13	310	9	13	316	2	11	20	0	5	3	16	7	2E	47	7	75515
P	13	316	2	13	40	0	11	20	1	3	8	14	5	2E	01		75516
P	13	410	0	13	44	8	11	20	2	4	8	14	6	2E	01		75517
P	13	414	8	13	48	0	11	20	3	3	2	12	8	2F	14		75518
P	13	48	0	13	51	0	11	20	4	3	0	12	2	2F	14		75519
P	13	51	0	13	56	0	11	20	5	1	5	15	0	2E	14		75520
P	13	56	0	13	58	0	11	20	6	1	2	12	2	2J	01	12E0	75521
P	13	58	0	13	60	0	11	20	7	1	2	11	7	2A	1		75522
P	13	610	0	13	64	0	11	20	8	1	4	15	3	2A	01		75523
P	13	64	0	13	69	0	11	20	9	1	5	14	5	2A	1		75524
P	14	17	0	14	23	0	11	21	10	1	6	14	6	2A	43	bx	75527
P	14	23	0	14	25	4	11	21	11	1	2	13	4	2A	39		75528
P	14	25	4	14	28	0	11	21	12	1	1	12	5	2A	09		75529
P	14	28	0	14	34	0	11	21	13	1	6	14	4	2A	0		75530
P	14	34	0	14	40	0	11	21	14	1	6	13	4	2A	1		75531
P	14	40	0	14	45	0	11	21	15	1	5	16	2	2A	1		75532
P	14	45	0	14	50	0	11	21	16	1	5	14	8	2A	1		75533

81 014

RS1014

with log - columns 26-28; 31-34

Using log - new sample #s in RED

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

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Hole Number: 81-14

Fabric Orientation Diagram:

Project: PIT DRILLING

Location: ZONE 3

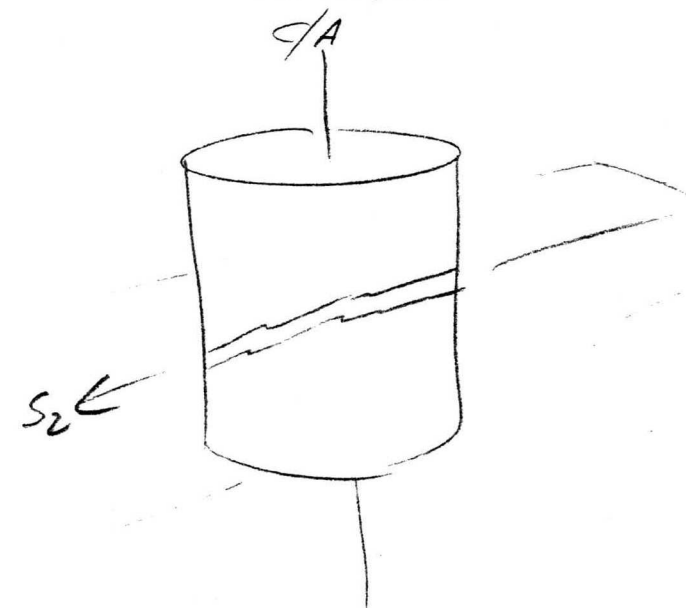
Claim: _____

Terr. Plane Co-ords.: 8,095.10 N

15,301.62 E

Grid Co-ords.: _____

Elevation: 4050.02



All symmetry determinations looking

NW with SZ dipping

SW with dip azimuth 210.

Total Depth: 641.0'

Purpose: _____

Logged by: JWM

Date(s) Logged: _____

Drilling Contractor: A.D.D.

Core:	Size	From	To	Collar Cased and Capped:
<u>NG</u>	<u>COLLAR</u>	<u>EDH.</u>		
_____	_____	_____		
_____	_____	_____		

Started: _____ Completed: _____

Code	From		To		Unit		Code	Description
	10	14	16	20	22 23	25 27		
L	100	1360	01	F				TRICONED - NO CORE
L	1360	1384	02	3D0				- Breccia CAP - weathered.
L	1384	1560	03	3D0				- broken + gouged core - fault - related?
L	1560	11080	04	3D0				splitting intervals. no core, beds broken - even recovered. mod seams marked at 98' 104' 113' 118'
L	11080	11218	05	3D0				Fault gouge + breccia
L	11218	118167	06	3D0				- good 3D breccia cap.
L	118167	11920	07	3D0?				Gouged + gouged core - ground This is a fault.
L	11920	12014	08	1D0				endoside in carb? broken + gouged core.
L	12014	12050	09	1D0				clay + gouge horizontal contact = 56°, marked by 090
L	12050	12185	10	1D0				carbonaceous, as in unit 08
L	12185	12205	11	1D0				clay + gouge
L	12205	12257	12	1D0				As in unit 10
L	12257	12360	13	1D0				clay + gouge
L	12360	12304	14	1D0				As in unit 12
L	12304	12620	15	1D0				muscovite >> biotite, non carbonaceous, andalusite bearing
L	12620	12670	16	10E28				gouged, but not observed contact is steep
L	12670	12690	17	1D0				breccia + clay gouge - horizontal core axis = 12
L	12690	12720	18	1D0				contact zone of unit 16
L	12720	12775	19	1D0				As in unit 15
L	12775	13000	20	1D0				Fault gouge + clay IND
L	13000	13233	21	1D0				As in unit 18, NE wall of pit at 309 1" inc. p 5 1/2" gouge 3" gouge @ 315.5 IND Carbonaceous
L	13233	13345	22	1D0				10D ± 1 (090) to unit 08, trace = biotite similar to unit 20 garnet
L	13345	13367	23	1D0				breccia => 10E => 1 ME 4-1 INE

SWM has changed the problem and units may be 4' out blocks are in correct locations
 units may be 4' out blocks are in correct locations

Code	From	To	Unit	Code	Description
	10	14	16	20	22 23 25 27
L	3367	31672	24	2C10	9 th 4L197, copy as stungie crosscutting S ₂ Foliation minor fol, this is the Au-Cu enriched horizon as at Vanguard.
L	31672	31690	25	2A10	9 th → 2C0
L	31690	31705	26	2C10	9 th as in unit 24
L	31705	31760	27	2F10	6 th locally to 2D0
L	31760	31793	28	2E11	9 th = 2C2, minor graphitic bands, locally to 2C079
L	31793	31823	29	2F11	more locally to unit 28
L	31823	31831	30	1D4	Fault plane = 1D4 appear 90° to CA
L	31831	31852	31	2C12	more gouge-filled hanging wall = 60 to CA
L	31852	31895	32	1D4	
L	31895	31925	33	2C2	As in unit 31
L	31925	31950	34	2F10	6 th c.g.
L	31950	40100	35	1D0	1D4 → down 1D2 phylitic not altered. 2' recovery
L	40100	41100	36	1F4	= 5C4* furfaceous unit = 5D not chloritic ph. like locally Fuschite bearing is similar to that in 81-123 part sure what is don't like JWM intercept looks like palted pre D(2) furfaceous kind of porphyry inter siliceous altered sulfidic seeds → 41241
L	41100	41140	37	1D0	1 very ph. like; earthy = 1D4 part of above mass
L	41140	41170	38	2F10	1/2E4
L	41170	41190	39	1F4	= 5C4* As in unit 36 ✓ see unit 36 (2C0)
L	41190	41244	40	1D0	4 [2C0] in unit 37
L	41244	41258	41	1F4	= 5C4* As in unit 39 & 36
L	41258	4346	42	2E10	10E278 → 10E2789 contacts heavily kaolinized from 278 down
L	4346	4359	43	2F0	
L	4359	4570	44	2G0	30-50% BaSO ₄ , base metal minerals appear unusually low?
L	4570	46100	45	2H0	more or less oxidized
L	46100	4655	46	1D4	1D4* (2C0) 464 → 60E Fault gouge - possibly 5D ✓ furfaceous equivalent, Fuschite bearing - on contacts
L	4655	4700	47	2E0	
L	4700	4793	48	1D4	As in unit 46 ✓ (1D4*)
L	4793	4800	49	2H0	solid blank = massive.

muddy problem

the

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23 25 27		
L	14793	14823	510	2L10	As in unit 45, minor quartz
L	14823	14850	511	2L19	as in unit 49, siliceous matrix
					1 cm.
L	14850	14912	512	2L17	9 = 4L179
L	14912	14962	513	2L19	1 locally to 2E
L	14962	15045	514	2L19	7 = 4L179 siliceous sp. - p.
L	15045	15080	515	2L19	1 as in unit 53
L	15080	15110	516	2L19	5-8% FeO
L	15110	15280	517	2L10	→ 2L08 As unit 56 but less mag.
L	15280	15310	518	2L10	
L	15310	15318	519	2L10	2
L	15318	15434	610	2L10	Typical Fine IF - C.O.
L	15434	15444	611	2L10	F
L	15444	15510	612	2L10	
L	15510	15590	613	2L15	locally to 2A
L	15590	15705	614	2L10	1/2C5 50:50 abundant py with
					intervals of 2A - overall would look up
					with 2A rock.
L	15705	15724	615	2L17	21 → 2N01
L	15724	15755	616	10D14	= 4L1 2L142 = weasel rock = mineralized wall rx.
L	15755	15800	617	10D14	Janet quartz + biotite IND
L	15800	16105	618	10D14	= 0 4L17 siliceous so garnet
					biotite, neg. cry. (1D2 = 9 py) @ 587-599
L	16105	16155	619	10D14	= 4L0 - non-siliceous WME
L	16155	16410	70	10D0	→ 10D 10D → 100
					ETH

Structural Log

Date: 22 Nov 82 Logged By: DSJ/GAJ

Code	From				To				Feature	E of S ₀	S ₀ Dip Direct.				S ₁ Dip Direct.				S ₂ Dip Direct.				Description
	10	12	14	16	20	22	24	26			28	30	32	34	36	38	40	42	44	46	48	50	
S			38	4																		breccia cap.: no S ₂ measurements	
S																						start of large Z region	
S																							
S																							
S																							
S																							
S																							
S																						probably upper limb of overall Z	
S																						with 1' in amplitude	
S																							
S																							
S																							
S																						reaching anal syncline in	
S																						Z's short limb of	
S																						overall Z F4	
S																							
S																						on upper Z limb near	
S																						crest with S steep limb	
S																						continuing to 641'	
S																							

ASSAY LOG (SAMPLER'S COPY)

Date DEC 3/82

Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)		UNIT	DESCRIPTION		
	10	14	16	20			22	26			28	30
P	1313	167	1341	0	11131010	143	124	12C109		75538		
P	1341	0	1346	0	11131011	150	123	12C109		75539		
P	1346	0	1351	0	11131012	150	150	12C109		75540		
P	1351	0	1356	0	11131013	150	150	12C109		75541		
P	1356	0	1361	0	11131014	150	150	12C109		75542		
P	1361	0	1367	2	11131015	162	162	12C139		75543		
P	1367	2	1370	5	11131016	127	127	12A131	→ 2C39	75544		
P	1370	5	1373	5	11131017	130	124	12F41	(200)	75545		
P	1373	5	1376	0	11131018	125	125	12F41		75546		
P	1376	0	1379	3	11131019	133	133	12E11	= 2C2	75547		
P	1379	3	1382	3	11131110	130	130	12F41		75548		
P	1383	1	1388	2	11131111	152	137	12C131		75550		
P	1389	5	1392	5	11131112	130	127	12C431		75552		
P	1392	5	1395	0	11131113	125	125	12F416		75553		
P	1414	0	1417	0	11131114	130	130	12F101	12E4	75555		
P	1434	6	1435	9	11131115	113	110	12F101		75558		
P	1435	9	1440	0	11131116	141	141	12G41		75559		
P	1440	0	1445	0	11131117	150	150	12G41		75560		
P	1445	0	1450	0	11131118	150	150	12G41		75561		
P	1450	0	1454	0	11131119	140	140	12G41		75562		
P	1454	0	1457	0	11131210	130	147	12G41		75563		
P	1457	0	1460	0	11131211	130	130	12J171	[2E8]	75564		
P	1465	5	1467	8	11131212	123	117	12E101		75566		
P	1470	0	1474	4	11131213	144	144	12H91		75568		
P	1474	4	1479	3	11131214	149	149	12H49		75569		
P	1479	3	1482	3	11131215	130	130	12E71		75570		
P	1482	3	1485	0	11131216	127	127	12H91		75571		
P	1485	0	1488	0	11131217	130	130	12C719		75572		
P	1488	0	1491	2	11131218	132	132	12C719		75573		

82 F 17

RA 82 F 17 - Structure log - columns 34-38

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CYPRUS ANVIL MINING CORPORATION

Page 1 of 8

DIAMOND DRILL CORE LOG

Date: Aug. 12/82

Hole Number: FAB2F17

Reference Fabric Orientation Diagram:

Project: FARO PIT DRILLING

Location: ZONE 3

Claim: _____

MINE ENG
Terr. Plane

Co-ords.: 7,695.44 N

14,898.21 E

Grid Co-ords: 128 | 17

COLLAR
Elevation: 3912.94 '

Total Depth: 400 '

Purpose: FILL-IN HOLE

Reason hole Terminated: INTERSECTED ORE & FOOTWALL ID

Logged by: TRJ

Date(s) Logged: JULY 16 & AUG. 4 / 82

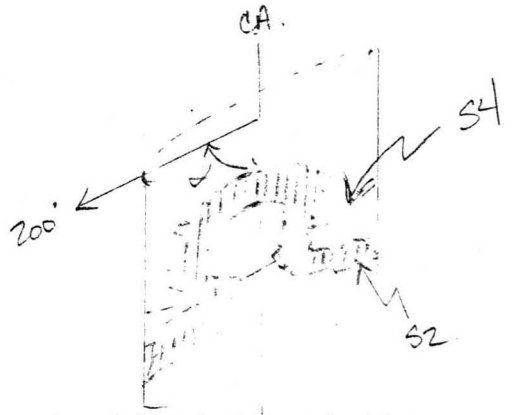
Drilling Contractor: ADD

Size	CORE From	To	Collar Cased and Capped:
NW	0	54'	NO
NW	54	400' (EDH)	

Hole Cemented: NO

Steel down hole: NO

Started: JULY 13 / 82 Completed: JULY 16 / 82



All symmetry determinations looking

NW with S4 dipping

SW with dip azimuth 200.

Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	54.0		0101		turned to 24.3' 24.3-54.0' fairly broken w/ poor recovery - 18.7' / 29.2'; drill set up on top of blasted material (40' bench) ∴ ^{unbroken} bedrock @ 54.0'; Drone to 54.0' generally 3D1 jossing in.
L	54.0	65.5		0102	3A01	60% 3C3 25% 1D0 (w. carb.) 15% 3D7 inter. w/ gradatral c5
L	65.5	67.0		0103	1D1b1	non-carb
L	67.0	70.4		0104	1D21	almost a 1E1 w/ 2A texture; main py bnds assoc. w/ narrow qtz binding; carbonaceous rather than graphitic;
L	70.4	77.9		0105	1D1c1	Somewhat carbonaceous.
L	77.9	92.6		0106	3A01	? Variably carb., variably calc, variably siliceous D, [3F9 in parts] inter. w/ 3C38 (15% lit. bands), distinct c5 although 3F9 may be transitional bet. the 2;
L	92.6	106.14		0107	3A01	brecciated carb. D & 3C; highly broken 94.1-98.0' where calcaceous fracture filling 11 CA (fault?); no matrix except for main hairline fractures w/ calc. filling; c5 broken;
L	106.14	107.5		0108	1D21	almost a 1E1 w/ 2A texture but not graphitic enough & qtz bands not as distinct as those of a 2A; 2% py fracture fillings; brecciated 106.7-107.5 no c5 measurable;
L	107.5	111.43		0109	1D0A	non-carb; (1E0)
L	111.43	111.99		0110	1D0A	non-carb; 40% qtz bnds;
L	111.99	176.2		0111	1D0A	musc-qtz-ht-and schist; locally glaucous; ^{grey} seams @ 149.0, 163.9; massive toward bot;
L	176.2	180.1		0112	1D21	Carbonaceous, [1E1] main py filling hairline fractures; less carbon 179.2- bot;

Lithologic Log

Date: July 16/82 Logged By: HT

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28		
L	11801		11830				0113		1, DH10	5% gangue; carbonaceous ID w/ 40% H3 vitub [SD]; gangue is ID; etc. Amphib / S4
L	11830		21335				0114		1, D10	210.5 - 211.5' w/ lower ct @ 25° to CH; 154 310.0 - 310.5'; musc - bt - and - qtz resist locally carbonaceous (ID2) max 229.8 - 231.2' (min in v. w/ calc filled fracture cracks - matrix - unrounded frags); gangue seams @ 219.0, 220.5, 221.7'
L	21335		21448				0115		1, D21	w/ min embedded small and grains
L	21448		21945				0116		1, D10	non-carb musc-bt qtz and resist/gangue; min - bt & qtz where gangue
L	21945		21988				0117		1, DH	completely bleached w/ min pink and local qtz veins;
L	21988		30110				0118		2, A10	negligible PbZn, 5% py; bleached lower ct
L	30110		31100				0119		3, A5D	sulph. v. w/ 2A 2E, 2D & 2C clasts (2A14) w/ 2E matrix; approx. 8% PbZn;
L	31100		3268				0210		2, E23	v. w/ 4% PbZn, bands 2E20; 2E30 generally not bleached, 2E2/2E3 = 60/40
L	3268		3392				0211		2, F11	phyl. [20A phyl] - phyl. 2A w/ abundant siliceous bands of 2C; min sil. & change of phyl. to graphitic bands towards F11; ~ 4% PbZn in upper 1/2 of interval; overall 2% PbZn; bleached lower ct
L	3392		3542				0222		2, A10	bleached; weakly developed siliceous bands in musc 1E lichen; negligible PbZn overall; v. slightly calc. Matrix & fracture fillings (ank?), 5% py
L	3542		3742				0223		2, L11	50% bleached; py ctub (w/ 2H kine) 367.9 - 368.2, 368.9 - 370.3'; negligible PbZn; overall 5% py
L	3742		40100				0241		1, D41	completely bleached w/ pink calc v. w/ Carbon content 390.9 - 391.6'

Structural Log

Date: Aug 4/82 Logged By: TR

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14 16	20	22 24 26			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S			131.9		PSZ						53	2110	S ₂
S			155.2		PSZ						78	2110	
S			170.7		PSZR						60	2110	
S			185.7		S1D								
S			189.9		PSZ						54	2110	
S			199.2		P								Z region 99.2-107.5'
S			1102.8		CSA		52	180			52	2010	S ₄
S			1107.5		Z								P region 107.5-301.0'
S			1125.2		PSZ						60	2110	S ₂
S			1145.1		PSZ						65	2110	S ₄ → S ₂
S			1165.8		PSZR						60	2110	
S			1174.9		S1S								
S			1183.7		PSZR						68	2110	
S			1198.5		CSAD		45	0710			17	2010	S ₀ = S ₂ S ₄
S			1225.1		PSZ				85	1810	36	2010	S ₂ 229.7-231.2' bxia - w/ texture w/ steep S ₂ M zone w/ numerous FZ lenses
S			1247.0		PSZ						67	2110	S ₄ → S ₂
S			1268.6		PSZ						73	2110	
S			1282.3		PSZ						72	2110	
S			1301.0		P								R region 301.0-326.8' sulph bxia + m sulph
S			1326.8		R								P region 326.8-338.8 (?)
S			1334.1		PSZ						70	2110	S ₂
S			1338.8		P								R region 338.8-350.5' bxia
S			1350.5		Z								Z region (?) 350.5-367.0 (P) dominantly PSZ w/ steeply dipping S ₄ (3.5?) producing wavy S ₂
S			1357.5		CSA				60	1810	30	2000	S ₂ @ 370.0 8" ZH zone in nose of F ₄ fold
S			1367.0		Z								M region 367.0-382.6' numerous 2 & 3 zones w/ steeply dipping S ₂
S			1382.6		M								Z region 382.6-400'

