

Diamond Drill Logs  
014954

66E 01 - 8108

Section 132  
Faro Zone 3

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

090

66301

Hole Number: 66 E-01

Fabric Orientation Diagram:

Project: ZONE 3 RE-LOG

Location: ZONE 3

Claim: \_\_\_\_\_

Terr. Plane  
Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

Grid  
Co-ords.: 7541.50 N

15604.00 E

Elevation: 4012'

All symmetry determinations looking  
NW with S<sub>2</sub> dipping  
SW with dip azimuth 210°.

Total Depth: 452.5

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
			21 23 25 27	43	
1	10	14 16 20	22 23 25 27		
1	100	1250	011	#1	truncated (no core)
1	1250	18154	012	11D10	normal carbonaceous musc ≈ bio ± andalusite schis
1	18154	19170	013	11D4	@ 92.0 → 92.5 [ZEO] stringer, 95.6 → 97.0 [ZL12]
1	19170	115100	014	11D10	non-carb; musc >> bio; → 1D4 locally [10D]
1	115100	115120	015	11D14	
1	115120	116120	016	21C13	~30% total sdes; marcasite bearing
1	116120	116140	017	21E12	
1	116140	117160	018	21D10	~30% total sdes; maybe <sup>cherty</sup> CO (br. in ore) (10)
1	117160	118200	019	21B10	< 5% total sdes; 1' bull gr @ beginning of i
1	118200	118190	110	21E12	→ 2FO locally; last core
1	118190	119105	111	21E18	20% silica; 10% magnetite
1	119105	120100	112	<del>21E</del> <sup>2H3</sup>	marcasite; minor po [2H3] (2H3B) very fine gr
1	120100	120120	113	11D4	
1	120120	122110	114	11D10	non-carbonaceous; musc >> bio = andalusite [10D]
1	122110	145100	115	11C10	→ 1D0 locally; → 1C0 locally
		1E10H			
		4525			

Structural Log

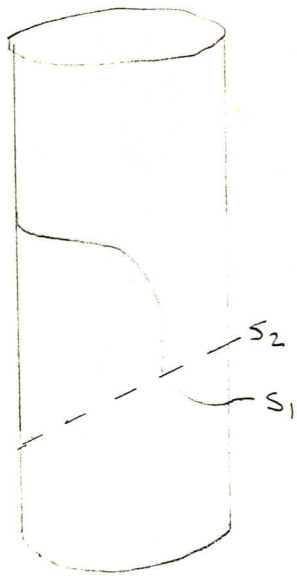
Date: October Logged By: JK

Code	From		To		Feature	E N	S <sub>0</sub> <sup>2</sup>		S <sub>1</sub>		S <sub>2</sub> <sup>14</sup>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				3195	PS12P						617	2110	S <sub>2</sub>
S				4115	FIRC				15	1410	710	2110	S <sub>1</sub> =FRC
S				5170	PS12P						810	2110	blkly grnd, brecciated, sheared
S	15176			19130	FLIT								gouge, fractures @ 84.6 20° to c.a & 88.6 20° to c.a, minor qtz veins
S				19156	LS12				315	1220	710	2110	sulph stringer in 104 (see fig 1), good PS2 after interval
S	11028			11054	FIRC								to c.a.
S	11084			11103									broken core, 2" qtz vein, 4' gouge at end of interval
S				11108	PS12P						618	2110	
S	11317			11322	FILT								gouge & qtz vein
S				11350	PS12P						715	2110	
S				21137	F14	285	11810				45	2110	S <sub>0</sub> =S <sub>2</sub> S <sub>4</sub> L <sub>4</sub> =85/270°
S				21370	BXI								4" brecciated zone, broken core
S				21520	SHR								sh. 15° to c.a.
S	2490			21650	BXI								bx. SEVERAL INTERVALS OF SILICIOUS FRAGS. WITH MICaceous MATRIX INTERVAL S <sub>0</sub> 2 GOOD BX
S				21157	FILT								Gouge, shear, 55° to c.a.
S				21519	F14	255	11810				415	2110	S <sub>0</sub> =S <sub>2</sub>
S				21610	PS12P						75	2110	S <sub>2</sub>
S				21619	S12						210	2110	FRC // TO S <sub>2</sub> EQUATION
S				21730	FIRC								35° TO C.A.
S													HEALED FRC. 1/2"
S				2179	PS12P						85	2110	
S	12819			12910	FILT								BX, SHR, Gouge NDRS FRCs + Bx S zones SUB // TO C.A.
S				12915	FIRC								15° TO C.A.
S				13101	PS12P						85	2110	
S				13106	F14	510	01010				710	2110	L <sub>4</sub> S <sub>4</sub> = 80/90 wrt S <sub>4</sub> (see fig 2) possi S <sub>0</sub> =S <sub>2</sub>
S	13110			13217	FILT								BX, SHR Gouge (over)

Code	From		To		Feature	SYE	S <sub>0</sub> <sup>2</sup>		S <sub>1</sub>		S <sub>2</sub> <sup>14</sup>		Description
	10	14 16	20	22 24 26 28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
\$													GOOD SILICEOUS FRAG
\$													IN A MICACEOUS MATRIX
\$													4/2% OF INTERVAL.
S			13139	4	PS12	P					80	2/10	S <sub>2</sub>
S			13147	0	FS1	Z	10	180			415	2/10	S <sub>0</sub> = S <sub>2</sub> <sup>4</sup> , SEE FIG. 3
S			13161	0	PS12	P					515	2/10	S <sub>2</sub>
S			13182	0	PS12	P					615	2/10	↓
S			13189	0	FS1	E					510	2/10	S <sub>4</sub>
S			13198	0	PS12	P					615	2/10	S <sub>2</sub>
\$			14102		FRC								25° TO C.A.
S			14103	5	FS1	Z	55	180			410	2/10	S <sub>0</sub> = S <sub>2</sub> <sup>4</sup>
\$			14111		FRC								15° TO C.A.
\$	14115	0	14117	0									1/2" CARBONATE FILLED
\$													FRC. // TO C.A.
S			14117	5	FS1	3					710	2/10	
S			14118	5	FS1	Z	60	180			615	2/10	S <sub>0</sub> = S <sub>2</sub> , L <sub>4</sub> = 80/90
\$													W.R.F. S <sub>4</sub>
S			14131	0	PS12	P					710	2/10	S <sub>2</sub>
\$	14138	0	14141	4	SIHR								BROKEN CORE, WITH
\$													LOWER CNT. 40° +
\$													1" GAUGE AT LOWER
\$													CNT. 370 FRC 20° TO
\$													C.A.
\$	14145	6	14148										BROKEN CORE
\$													FRC ZONE. 10° TO C.A.
\$	14151	0	14152	5									BROKEN CORE, FRC ZONE
													// TO C.A.

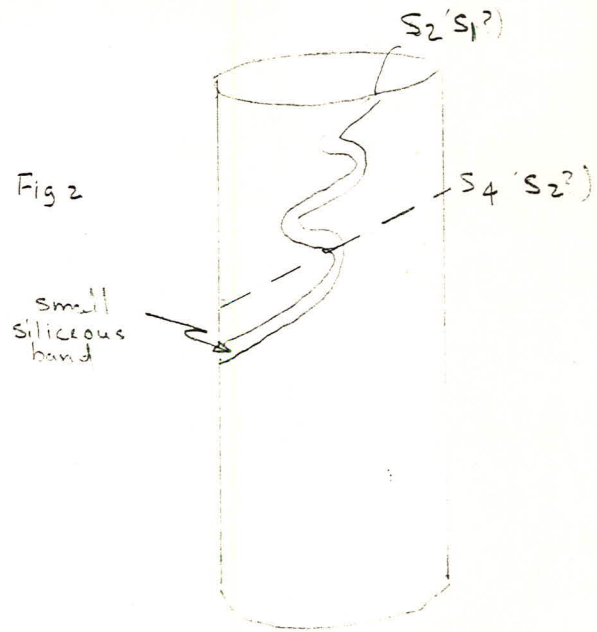
S<sub>4</sub> → S<sub>2</sub>  
S<sub>2</sub> → S<sub>4</sub>  
S<sub>4</sub> → S<sub>2</sub>  
S<sub>2</sub> → S<sub>4</sub>  
S<sub>4</sub> → S<sub>2</sub>  
S<sub>2</sub> → S<sub>4</sub>  
S<sub>4</sub> → S<sub>2</sub>  
S<sub>2</sub> → S<sub>4</sub>  
S<sub>4</sub> → S<sub>2</sub>

(Fig 1.)  
6"



95.6

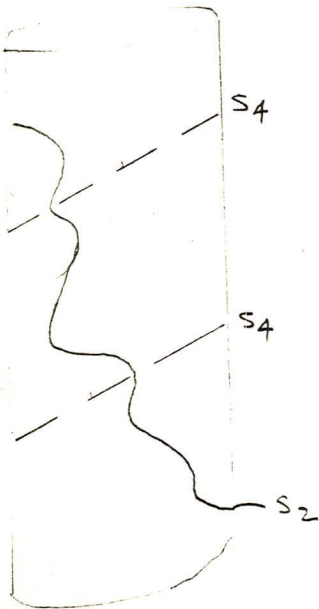
Fig 2



306.0

(Fig 3)

S sym  
8"



347.0





CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 66 E-4

Fabric Orientation Diagram:

Project: ZONE 3 RE-LOG

Location: ZONE 3

Claim: \_\_\_\_\_

Terr. Plane Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

Grid Co-ords.: 7352.0 N

MINE

15416.0 E

Elevation: 4023.0

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

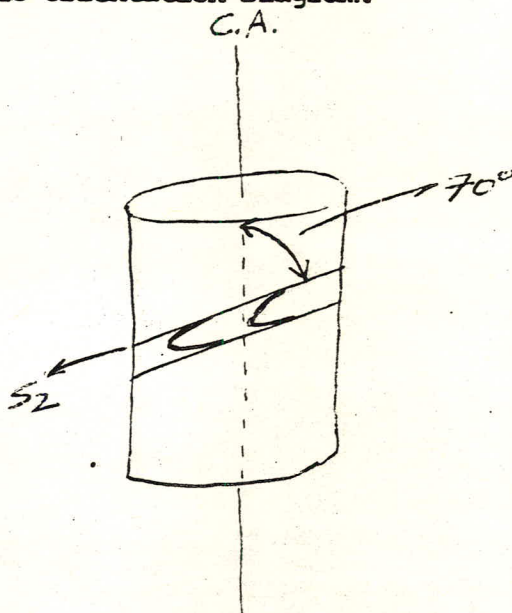
Total Depth: 450.0

Purpose: ZONE 3 DEFIN.

Logged by: \_\_\_\_\_ Date(s) Logged: \_\_\_\_\_

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

Started: \_\_\_\_\_ Completed: \_\_\_\_\_



DDH ~~66E-4~~ <sup>04</sup>  
 2 8

Cyprus Anvil Mining Corp.

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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	66E-4	4023.00	7352.00	15416.00	Feet	52						

S<sub>2</sub> = 210  
 S<sub>4</sub> = 216

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments					
1	2	8	10	14	22	26	28	32	34	56
<del>66E-4</del>	<del>66E-4</del>	<del>0.00</del>	<del>178.9</del>	<del>91.0</del>	<del>AT COLLAR</del>					
<del>66E-4</del>	<del>66E-4</del>	<del>1.00</del>	<del>178.3</del>	<del>91.0</del>	<del>AZIMUTHS OF THIS HOLE</del>					
<del>66E-4</del>	<del>66E-4</del>	<del>2.00</del>	<del>177.1</del>	<del>91.0</del>	<del>NOT MEASURED</del>					
<del>66E-4</del>	<del>66E-4</del>	<del>3.00</del>	<del>176.0</del>	<del>96.0</del>	<del>ESTIMATED FROM SURROUND</del>					
<del>66E-4</del>	<del>66E-4</del>	<del>4.00</del>	<del>174.9</del>	<del>100.0</del>	<del>ING HOLES NOV 1982</del>					
<del>66E-4</del>	<del>66E-4</del>	<del>0.00</del>	<del>180.0</del>	<del>090.0</del>	<del>AT COLLAR</del>					
<del>66E-4</del>	<del>66E-4</del>	<del>1.00</del>	<del>177.2</del>	<del>090.0</del>	<del>AZIMUTH</del>					
<del>66E-4</del>	<del>66E-4</del>	<del>2.00</del>	<del>175.4</del>	<del>090.0</del>						
<del>66E-4</del>	<del>66E-4</del>	<del>3.00</del>	<del>174.2</del>	<del>090.0</del>						
<del>66E-4</del>	<del>66E-4</del>	<del>4.00</del>	<del>172.2</del>	<del>090.0</del>						

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

Lithologic Log

Logged By: DST/PIC

Code	From		To		Unit	Code	Description
	10	14	16	20	21	24	
	10	14	16	20	22	25	
	1330	1430			01	#1	overburden 0/B 0-50
	1430	1550			02	1E0	
	1550	1630			03	1D2	
	1630	1650			04	1E0	
	1650	1910			05	1C0	
	1910	1985			06	<del>1E0</del>	1H0 = SC4 { 132.0 - 138.5 2D 138.5 - 142.0 2E
	1985	11160			07	1D0	
	11160	11320			08	1DH	changed etc. 132-136 2D from assay results and old log.
	11320	11420			09	2C2	
	11420	11460			10	2E6	v. 26 Ba N.B.
	11460	11490			11	2D0	(020 mineralized) 136 200
	11490	11705			12	2F0	136-1385 194 changed on plots
	11705	11720			13	2H0	brecciated
	11720	11790			14	2D0	changed was 2C.
	11790	11810			15	2E0	
	11810	11860			16	2C0	brecciated
	11860	11910			17	2H0	
	11910	12200			18	2C1	
	12200	12510			19	2A5	
	12510	12690			20	1D4	
	12690	13510			21	1C0	
	13510	13670			22	1C0	musc > biotite
	13670	14500			23	1C0	
							FOH

38.5

Code	From	To	Feature	SYM	S <sub>0</sub> <sup>2</sup>		S <sub>1</sub>		S <sub>2</sub> <sup>4</sup>		Description <b>RFE</b>			
					Dip	Direct.	Dip	Direct.	Dip	Direct				
	10	14	16	20	22	24	26	28	32	34	38	40	44	
\$	143	115	0											parted core    S <sub>2</sub> , @ 38.0 minor "gouge", @ 41.0 6" mud
S		163	6	P/S	Z	P						310	2110	S <sub>4</sub> → S <sub>2</sub>
S		178	0	P/S	Z	P						65	2110	
\$	183	185	0											broken core
S		185	4	C/S	Z	710	1810					115	2110	S <sub>0</sub> = S <sub>2</sub> , L <sub>4</sub> = 85/90 wrt S <sub>4</sub>
\$	186	193	4	F/L	T									sheared, minor gouge, occ small qtz vein, 1H4 @ end of interval
S		194	0	P/S	Z	P						710	2110	S <sub>4</sub> → S <sub>2</sub>
S		198	5	P/S	Z	P						55	2110	
\$	111	119	2	F/L	T									shearing & gouge, @ 113.0 shr 65° to c.a., @ 116.0 45° to c.a.
S		135	0	C/S	Z	515	1160					45	2110	S <sub>0</sub> = S <sub>2</sub> , L <sub>4</sub> = 80/85 wrt S <sub>4</sub>
														see fig 1.
S		178	0	P/S	Z	P						55	2110	S <sub>4</sub> → S <sub>2</sub>
S		200	0	P/S	Z	P						45	2110	
S		219	0	P/S	Z	P						25	2110	
S		256	0	P/S	Z	P			110	315	45	2110	S <sub>1</sub> = FRC.	
\$	257	266	0	F/L	T									broken core, shearing & gouge @ 261.0 shr 50° c.a., 264.7 shr 45° to c.a., 265.6 shr 30° to c.a.
S		267	5	C/S	Z	015	11810					75	2110	S <sub>0</sub> = S <sub>3</sub> ? (see fig 3), L <sub>3</sub> = 090/105 wrt S <sub>2</sub>
S		272	0	C/S	Z	85	1010					37	2140	S <sub>0</sub> = S <sub>2</sub> , L <sub>3</sub> = 90/90
S		278	0	C/S	Z	85	1810					55	2110	S <sub>0</sub> = S <sub>2</sub> , L <sub>4</sub> = 85/60
\$		286	0	S/H	R									healed shear, "gouge", 40° to c.a.
S		287	0	C/S	Z	60	2125					510	2110	S <sub>0</sub> = S <sub>2</sub> , L <sub>4</sub> = 80/90 wrt S <sub>4</sub>
\$	287	288	5	B/X										broken core
\$		291	8	S/H	R									minor gouge    S <sub>2</sub> 80° to c.a.
\$		310	0	F/R	C									20° to c.a.
S		314	0	C/S	Z	E						510	2110	
S		318	0	C/S	Z	80	1810					510	2110	S <sub>0</sub> = S <sub>2</sub> , L <sub>4</sub> = 80/75 wrt S <sub>4</sub>
S		323	0	P/S	Z	P						85	2110	No plot S
S		332	0	P/S	Z	P						75	2110	
\$	340	340	5	S/H	R									healed & veined shr 55° to c.a.

Structural Log

Code	From				To				Feature	S <sub>1</sub> S <sub>2</sub>	S <sub>0</sub> S <sub>1</sub> S <sub>2</sub>		Description		
	10	14	16	20	22	24	26	28			Dip	Direct.		Dip	Direct.
S				131411	0				CS14	3			515	2110	S <sub>4</sub> ✓
\$				131414	0			131415	0						fault breccia & gouge, no cnts
S				13146	4				PS12	P			65	2110	S <sub>2</sub> ✓
\$				13510	5			131616	0						shear zone, broken core, several shears with minor gouge @ 353.7 fric in qtz vein 10° to c.a. @ 358.0 ragged fric 25° to c.a. @ 362.0 hld shear subll to c.a., @ 364.0 shearing 45 & 25° to c.a., @ 366.0 shearing subll to c.a.
S				131617	5				CS14	Z	65	1810	65	2110	S <sub>0</sub> =S <sub>2</sub> , L <sub>4</sub> =90/90 wrt S <sub>4</sub> ✓
\$				131717	0			131810	0						see fig 3
\$				131810	0			131814	3						brecciated, sheared, gouge from 377.0 → 378.0
\$				131814	3			131817	0						broken core.
\$				131817	0			131911	0						healed breccia - siliceous frags in phyll mtrx, 25° to c.a., several shears 40→50° to c.a.,
\$				131914	0			131914	5						broken core.
\$				131915	0			131917	0						healed shear 65° to c.a.
S				140120	0				CS14	Z	85	1410	45	2110	brecciated & sheared breccia zone, broken core
\$				141019	0			141119	4						S <sub>0</sub> =S <sub>2</sub> , L <sub>4</sub> =75/80
\$				141210	5				BIX1						brecciated & sheared breccia zone, gouge, @ 714 @ shr subll to c.a., @ 715.0 healed shear 35° to c.a.
\$				141215	0			141217	0						70° to c.a., siliceous frags in phyllitic mtrx
\$				141219	0			141312	0						sheared & brecciated breccia zone @ 426.0 shr 25° to c.a.
S				141312	0				FILT						sheared, brecciated breccia zone, gouge 50% of interval, upper cnt sheared 25° to c.a.



fig 1  
z sym

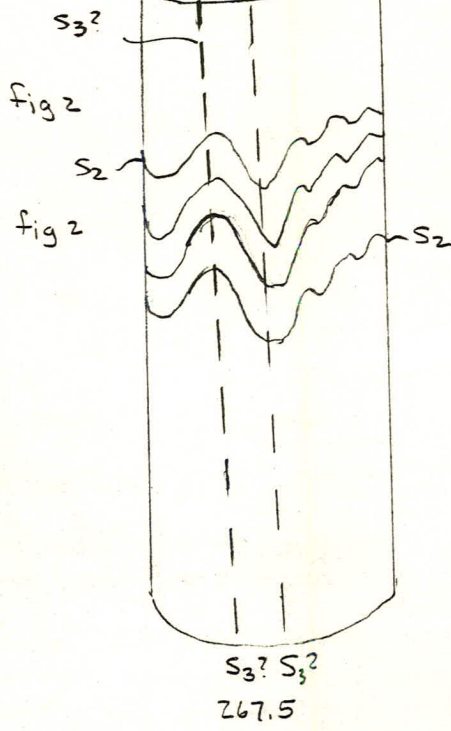
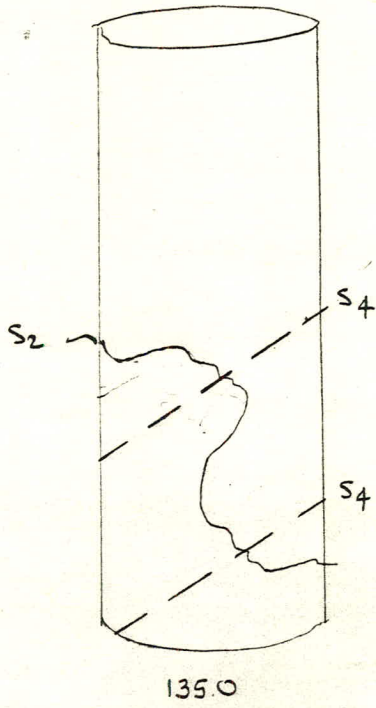
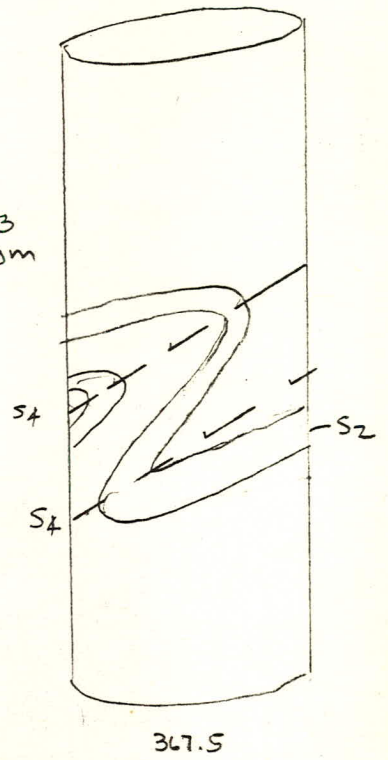


fig 3  
z sym







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Sect 132

STRUCTURE COMPLETE  
RST

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 66E-7

Fabric Orientation Diagram:

Project: ZONE 3 RE-LOG

Location: ZONE 3

Claim: \_\_\_\_\_

Terr. Plane Co-ords.: \_\_\_\_\_ N

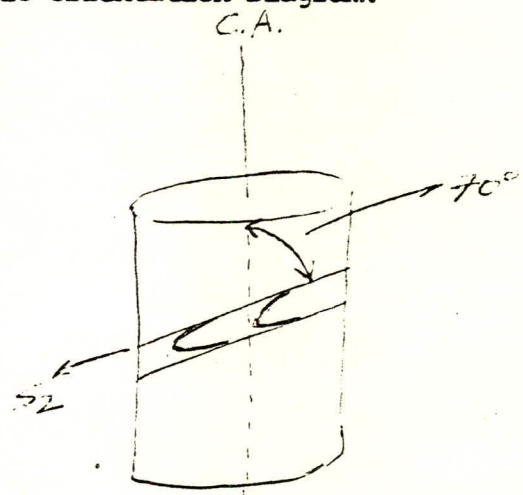
\_\_\_\_\_ E

Grid Co-ords.: \* 7131.00  
~~9200.30~~ N

MINE \* 15217.00  
~~14798.30~~ E

Elevation: \* 4020.00

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



Total Depth: 504.0

Purpose: ZONE 3 DEFIN.

Logged by: \_\_\_\_\_ Date(s) Logged: \_\_\_\_\_

Drilling Contractor: \_\_\_\_\_ Core: Size From To Collar Cased and Capped: \_\_\_\_\_

_____	_____	_____
_____	_____	_____
_____	_____	_____

Started: \_\_\_\_\_ Completed: \_\_\_\_\_




Lithologic Log

Date: 17 Nov 82 Logged By: DST/DST

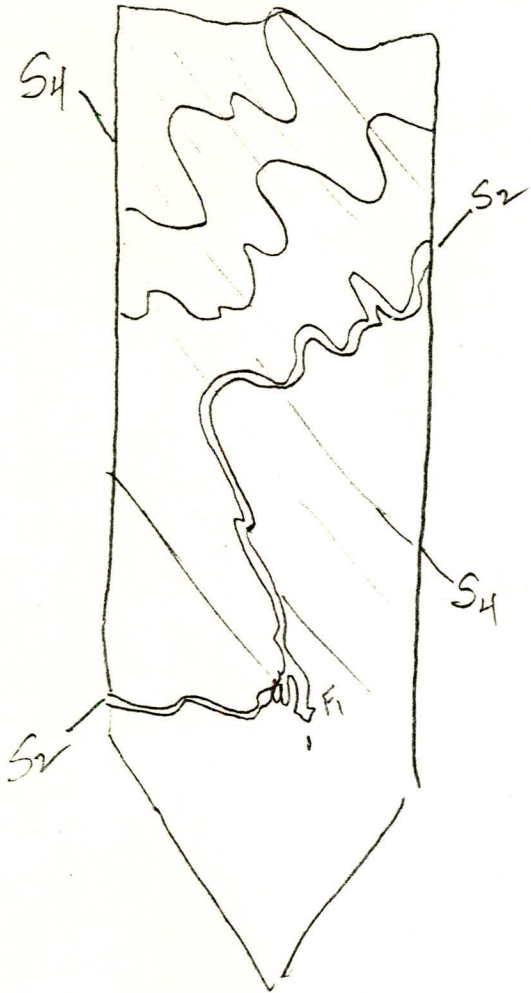
Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	
L	00	360		1	#	O/B						
L	360	495		2	3A9	graph. phyll. in "3A" transition } ⇒ 3D4; wkly calc-silicified "3A" } 3A						
L	495	858		3	3A8		2 gauges f' frags. see struct log.					
L	858	973		4	1D2		broken core f' incip. gauged & sheared see struct. log					
L	973	11615		5	1C0	lt. tan gray schists; highly faulted unit, light color of rfs may be due to alt. assoc. w/ faults; see struct log						
L	11615	11880		6	1D2	⇒ 1E0 bkn core f' gauge @ TOI see struct. log						
L	11880	12125		7	1D0	1 gauge in EOI SSL (see struct log)						
L	12125	12150		8	1D4	wkly alt.						
L	12150	12227		9	2B0	questionable "arsen. rk" [2L14] w/ PbS/ZnS S <sub>2</sub> cutting veins in MOI						
L	12227	12255		10	2C9	chle. bract. f' frag. throat						
L	12255	12280		11	0Q0							
L	12280	12300		12	2C5	wkly frag. TOI						
L	12300	12316		13	2A0							
L	12316	12350		14	2C9							
L	12350	12386		15	2C5							
L	12386	12410		16	2A0	→ ductile flow)						
L	12410	12500		17	2D4	±5 BXIA; core loss TOI						
L	12500	12571		18	1D4	wkly → mod. alt.						
L	12570	3150		19	1D0	minor shr. zones SSL						
L	3150	3865		20	1C0	" " " "						
L	3865	5040		21	1C0							

Structural Log

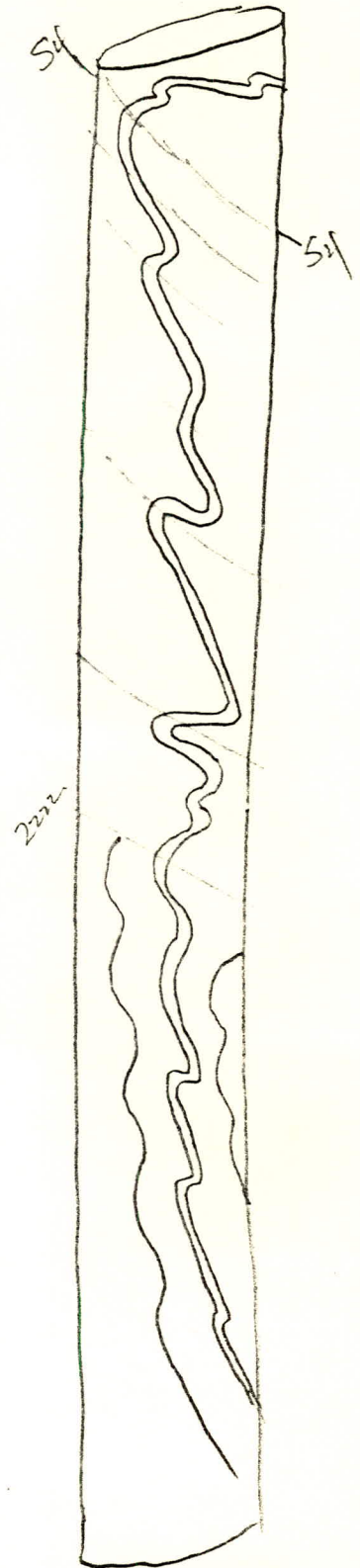
Code	From		To		Feature	S <sub>0</sub>				S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20		22	24	26	28	32	34	38	40	
S				41	PS2							73	2110	
S		695		725	FRC									bln core & healed frac
S				725						15	2100	65	2110	S <sub>1</sub> = fracture
S		826		1145	FLT									82.6-85.6 = shear w/ unrep. cataclastic text.
														85.6-87.4 = gouge
														87.4-97.0 = shear
														97.0-114.5 porous 6' over 17.5'
S				990	PS2							75	2110	
S		1195		1205	SHR									shear & gouge    S <sub>2</sub>
S				1280	PS2							80	2110	
S		1470		1480	FLT									gouge IND contacts
S		1480		1580	FGR									sub    c.a. ⊥ S <sub>2</sub> DLA
S		1600		1645	FLT									gouge IND
S				1650	PS2							75	2110	
S				1700	FLT									gouge (1') IND
S				1960	PS2							80	2110	
S				2040	FLT									gouge (1') IND
S		2150		2500	BXA									chert brya in one sec with log
S				2300	PS2							74	2110	
S		2500		3000	CS4Z									upper Z symm. long limb
S				2660	CS4Z							30	2110	
S				2870	CS4Z							60	2110	
S		2880		2895	SHR									IND
S		3000		3620	CS4S									S symm. 7 short limb
S				3150	CS4Z							55	2110	
S				3330	CS4Z							45		
S		3600		3620	SHR									sub    c.a. ⊥ S <sub>2</sub> DLA
S		3620		5040	CS4Z									lower long limb of above
S				3820	CS4Z							45	2110	
S				4030	CS4Z							35		
S		4170		4190	SHR									bln core
S				4380	CS4Z							30	2110	
S				4480	CS4Z							50		
S		4500		4520	SHR									gouge; lower 45° to c.a. @ 90° to S <sub>2</sub> DLA



at 310



At 333







CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

090

Hole Number: 67-01

Fabric Orientation Diagram:

Project:

Location: ZONE 3

Claim:

Terr. Plane Co-ords.: N

E

Grid Co-ords.: 7,745.0 N

E

15,805.0

Elevation: 4013.0

All summary determinations looking

with dipping

with dip azimuth

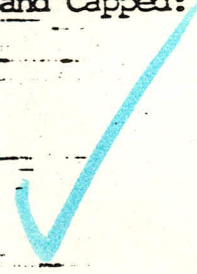
Total Depth: 351.5

Purpose:

Logged by: Date(s) Logged:

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

Started: Completed:





Lithologic Log

Date: Oct 26/82 Logged By: RST

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	0 0	66 0		1	*	Overburden 0-50' / no recovery 50-66'
L	66 0	68 0		2	2E3	No recovery 50-66 feet. Core boxes missing to 150'. Old log notes massive sulphides 66-68 feet with grade Ag 1.32oz / Pb 1.0g / Zn 5.3g / Cu 0.13g 66-109 faulted by fd broken core & gorge.
L	68 0	168 0		3	1CA	No core to 150' note faults from P&B's log of Jan '67.
L	168 0	252 0		4	1CA	(1CD) minor relict andalusite clots
L	252 0	305 0		5	1CA	mus. -qtz -biot. schist.
L	305 0	335 0		6	1CD	large relict clots of andalusite espec. over last 15' of interval.
L	335 0	351.5		7	1CA	? Core boxes missing from 335.0-351.5

Structural Log

Date: Oct 26/82 Logged By: PBT/cc

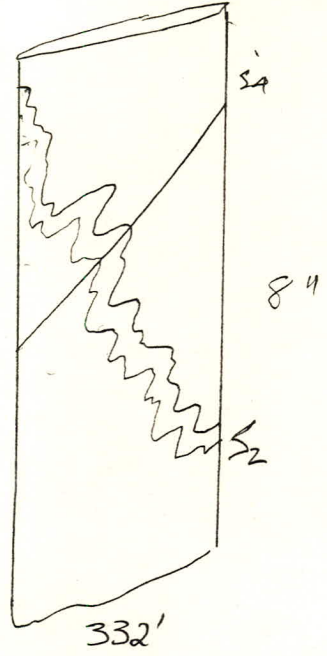
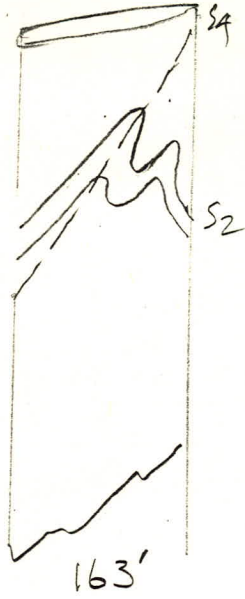
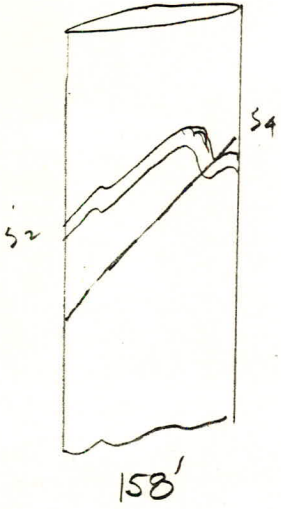
Code	From				To				Feature	S <sub>1</sub> M	S <sub>0</sub> ✓		S <sub>1</sub> ✗		S <sub>2</sub>		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
\$	11550	11480															core boxes missing for this interval
\$																	see P.L.B's log of 1967
S		11480			CSAZ	50	010					10	210				S <sub>0</sub> =S <sub>2</sub> L4=60°/90° unit S4
\$	11485	11540			BIX												bx. in frac. zone. 30° to c.a.
S		11580			CSAZ	65	100					30	210				S <sub>0</sub> =S <sub>2</sub>
\$		11620			SHR												6"
\$		11680			FRC												
\$		11720															bx. gauge over 8"
S		11740			CSAZ	65	100					30	210				S <sub>0</sub> =S <sub>2</sub> L4=80°/90°
S																	frac. sub// to S4
\$	11760	11970			FRC												narrow py. healed frac sub// to c.a.
\$																	azimuth 340° unit S4 causing much
\$																	blew core
\$																	This fracturing sub// to c.a. and
\$																	azimuth of S4/S2 runs in and
\$																	out of the core for its whole
\$																	length.
S		12015			CSAZ	65	100					35	210				S <sub>0</sub> =S <sub>2</sub>
\$	12115	12550			BIX												bx. gauge and frac. broken core.
\$																	account for 60° of unit. Upper
\$																	ent. sub// to c.a. + S4
\$	12620	12900															core boxes missing.
\$	12950	131050															50% broken core
S		13120			CSAZ	85	180					30	210				S <sub>0</sub> =S <sub>2</sub> L4=85°/270°
\$	13113	13160			FRC							10	340	40			S <sub>1</sub> =FRC
S		13230			CSA	25	100						15				S <sub>0</sub> =S <sub>2</sub>
S		13320			CSA	23	190						30				S <sub>0</sub> =S <sub>2</sub> L4=75°/270°
\$	13350	13515															Core boxes missing

S<sub>2</sub> → S<sub>4</sub>  
S<sub>4</sub>



DDH 67-1

5 of 6



For Oct 81





CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

090

Hole Number: 74-18

Fabric Orientation Diagram:  
C.A.

Project: ZONE 3 RE-LOG

Location: ZONE 3

Claim: \_\_\_\_\_

Terr. Plane Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

Grid Co-ords.: 7445.10 N

MINE 15512.85 E

Elevation: 4015.5

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

Total Depth: 250.0

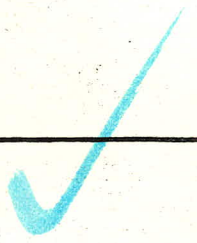
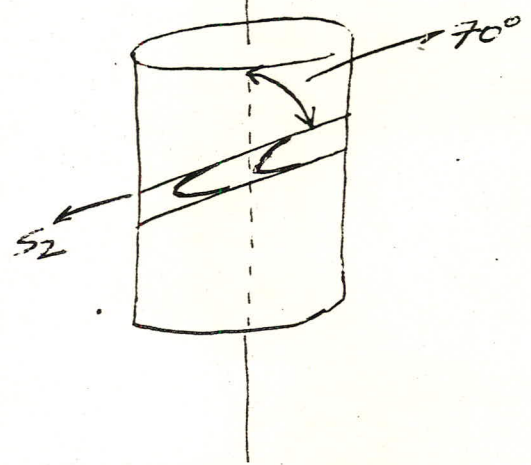
Purpose: ZONE 3 DEFIN.

Logged by: \_\_\_\_\_ Date(s) Logged: \_\_\_\_\_

Drilling Contractor: \_\_\_\_\_ Core: Size From To Collar Cased and Capped: \_\_\_\_\_

_____	_____	_____
_____	_____	_____
_____	_____	_____

Started: \_\_\_\_\_ Completed: \_\_\_\_\_



DDH 74-18  
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	74-18	4015.50	7445.10	15512.85	Feet	52						

S<sub>2</sub> = 210  
 S<sub>4</sub> = 210

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments					
1	2	8	10	14	22	26	28	32	34	56
R	74-18	0000	178.0	911.0	AT COLLAR					
	74-18	1000	178.3	911.0	AZIMUTHS OF THIS HOLE					
	74-18	2000	177.1	911.0	NOT MEASURED					
					ESTIMATED FROM SURROUND					
					ING HOLES NOV 19 82					
R	74-18	0000	180.0	099.0	AT COLLAR					
R	74-18	1000	177.2	090.0	A+Z FAKED					
R	74-18	2000	175.1	090.0						

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

App. Code	From		To		Unit	Code	Description
	10	14	16	20	21 23 25 27	21 23 25 27	
		100		1220	01	#	O/B
		220		995	02	1D10	
		995		1240	03	1DA	with 120' INCREASING MISC TOWARD END INTERVAL.
		1240		1280	04	2C0	MASSIVE QZT. 30-40% PY, SPOTTY BRF [2D0] METALS - INCREASING TOWARD END OF INTERVAL.
		1280		1295	05	2F10	
		1295		1330	06	2E0	2E2
		1330		1415	07	2H6	
		1415		1425	08	2EA	(2E2) ~ 10-15% Pb Zn - pitted (mercurite)
		1425		1450	09	2H0	- base metal poor - pyritic + chalc.
		1450		1465	10	2F0	(2E2)
		1465		1485	11	2H0	
		1485		1505	12	2E0	- 70% py. Zn, PbS poor
		1505		1590	13	2B0	[2C0] massive, < 5% total sulfides. scattered Pb, ZnS, locally 5% py, generally < 1% total sulfides < 5% py/ZnS
		1590		1915	14	2A0	- garnetiferous - short zone carb. 1937 → 1950 2A0
		216		2285	16	1D0	
		2285		250	17	1D0	[1C0] bleached.

Structural Log

Date 02/26/82 Logged By: JK

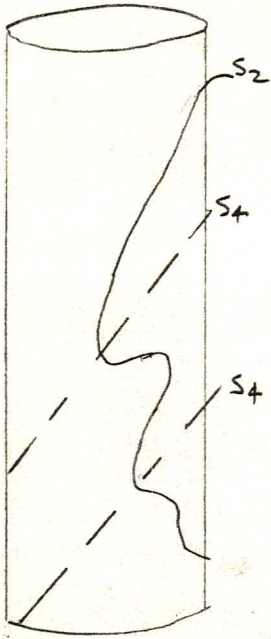
only plots

Code	From		To		Feature	SYN	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			22	24	26	28	32	34	
\$	12120		13176										BLKY <sup>S</sup> GRND, GOUGE
\$													POSSIBLY FLT.
S			14170		PS12P							6521/10	
S			16120		FS1	Z85	1010					51021/10	S <sub>0</sub> = S <sub>2</sub> <sup>S4</sup> L <sub>4</sub> = 85°/90
\$													W.R.T S <sub>4</sub> CRENULATED
\$													S <sub>2</sub>
S			17170		PS12P							7321/10	
\$	18168		11110		FLIT								BROKEN CORE, SHR,
\$													MINOR GOUGE.
S			19187		IS12							2021/10	S
S			11110		PS12P							7321/10	
S			111180		PS12P							6021/10	
S			118120		AS12P							7321/10	
S			11924		FS1	Z90	11810					91021/10	S <sub>0</sub> = S <sub>2</sub> <sup>S4</sup> L <sub>4</sub> = 85°/270
\$													W.R.T S <sub>4</sub>
S			12100		FRIC								GOUGE FILLED, 30° TO C.A.
\$													1/4"
S			12103		PS12P							81021/10	WEAKLY CRENULATED
\$	12104		1210170										ERC. ZONE, BROKEN CORE
\$													RESIDUAL FROM SUB 11
\$	12110		12116		FLIT								TO 45° TO C.A.
\$													SHR, BX, GOUGE, GRAPHIC
\$													N/O CNT.
S			12122		FS1	3						91521/10	S <sub>0</sub> = <sup>S4</sup>
S			12126		PS12P							71021/10	WEAK CRENULATION OF
\$													S <sub>2</sub>
\$	121270		12128		BX1								WIENED, SHR, GOUGE
\$					PS1								AT 2280 ERC. AT 20° TO
\$													C.A.
S			12130		PS12P							81521/10	
S			1213120		FS1	Z60	11910					11521/10	S <sub>0</sub> = S <sub>2</sub> <sup>S4</sup> L <sub>4</sub> = 85°/250
\$													W.R.T S <sub>4</sub>
\$	12136		12137		BX1								BX QUARTZ WIEN
\$	121410		12147		FLIT								BROKEN CORE, SHR, GOUGE
\$													AT 2444 SHR 35° TO
\$													C.A.



FA-74-18

Fig. 1  
E sym



248.0





CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 74-19

Fabric Orientation Diagram:

Project: ZONE 3 RE-LOG

Location: ZONE 3

Claim: \_\_\_\_\_

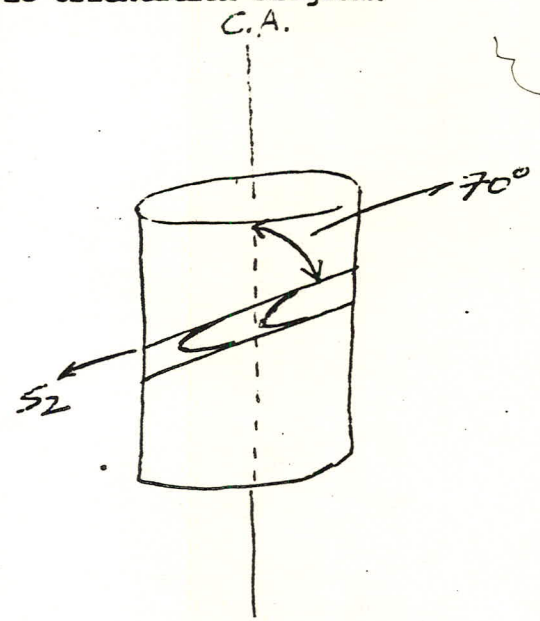
Terr. Plane Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

Grid Co-ords.: 7431.26 N

MINE 15336.40 E

Elevation: 4016.4



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

Total Depth: 373.0

Purpose: ZONE 3 DEF'N.

Logged by: \_\_\_\_\_ Date(s) Logged: \_\_\_\_\_

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

Started: \_\_\_\_\_ Completed: \_\_\_\_\_

DDH 74-19  
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	74-19	4016.40	7431.26	15336.40	Feet	S2						

S2 = 210  
S4 = 210

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
R	74-19	0.00	178.9	95.0	AT COLLAR
	74-19	1.00	178.3	95.0	AZIMUTHS OF THIS HOLE
	74-19	2.00	177.1	95.0	NOT MEASURED
	74-19	3.00	176.0	97.0	ESTIMATED FROM SURROUNDING HOLES NOV 1982
R	74-19	0.00	180.0	037.0	AT COLLAR
R	74-19	1.00	177.0	037.0	A+Z FAKED
R	74-19	2.00	175.0	037.0	A+Z FAKED
R	74-19	3.00	174.0	037.0	A+Z FAKED

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

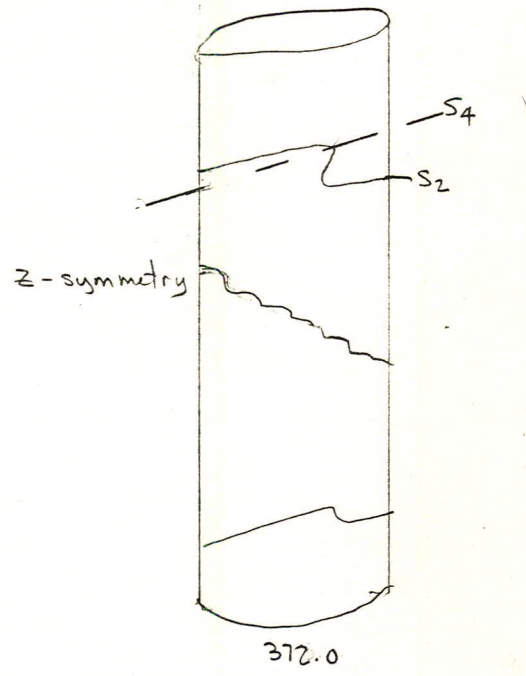
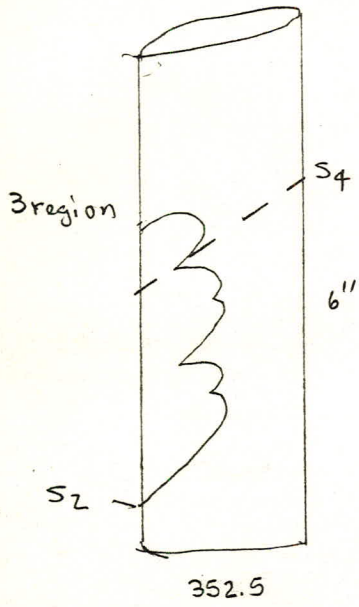
Code	From	To	Unit		Code		Description		
			21	22	23	24		25	26
1	10	14	16	20	22	23	25	27	
L	100	117.5	01						O/B
L	117.5	183.0	02		1D10				BOX 3 missing 71.6 → 100.0
L	183.0	189.0	03		1F5				→ 1F58
L	189.0	11116.5	04		1D0				
L	11116.5	11390	05		1C10				
L	11390	1182.5	06		1D10				misc → bio variant
L	1182.5	1191.7	07		1D10				
L	1191.7	1192.3	08		1D14				was 200 x 6' net sampled [217] breccia
L	1192.3	1202.0	09		1D14				→ 1CD4
L	1202.0	1220.0	10		1C10				
L	1220.0	1231.0	11		1D14				→ 1CD4
L	1231.0	1237.0	12		2C0				sampled @ 231'
L	1237.0	1239.5	13		2D0				
L	1239.5	1244.0	14		2C0				brecciated
L	1244.0	1247.5	15		2D10				
L	1247.5	1249.0	16		2EF				approx 5% comb. est grade
L	1249.0	1252.0	17		2C0				
L	1252.0	1259.5	18		2C2				→ 2A0
L	1259.5	1262.0	19		2D2				→ 2C42 brecciated over interval due to F <sub>1</sub> (2A)
L	1262.0	1263.5	20		2D10				
L	1263.5	1267.5	21		2C4				< 5% comb.
L	1267.5	1272.5	22		2D10				
L	1272.5	1288.0	23		2A0				2-3% comb.
L	1288.0	1292.5	24		1D14				→ 1CD4 w/ 000 288-291.5
L	1292.5	1352.5	25		1C10				misc → bio to CD4, diffuse WME
L	1352.5	1373.0	26		1C10				

227  
263  
211

Structural Log

Date: Oct/25/82 Logged By: [Signature] / JK / RST

Code	From				To				Feature	S <sub>0</sub> Dip Direct.	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.	Description
	10	14	16	20	22	24	26	28					
S	117	5		57	0								bkn core parted along S <sub>2</sub>
S				34	5	PS2P						70 2110	RFE S <sub>2</sub>
S				50	0	PS2P						70	
S				63	4	FRC	1.5	50	80				S <sub>1</sub> =Frc
S	1103	8		105	3								bkn core parted along S <sub>2</sub>
S	1114			115	2	Bx							ganged bxt core
S				87	0	PS2P						65 2110	
S	1116	9		117	6	Bx							Gauge & bx
S				125	0	CSAZ	80	100				60 2110	S <sub>0</sub> =S <sub>2</sub>
S				138	5	CSAZ	00	100				30	S <sub>0</sub> =S <sub>2</sub>
S	1139	0		156	1	FILT							Gauge, bxt, shrd, several frc sub// c.a to 55° to c.a.
S				170	0	PS2P						70 2110	
S	1174	0		183	2								bkn core, local bx.
S	1191	7		203	2								Sheared & bxtd, minor gauge
S				200	0	PS2P						80 2110	
S	2084			210	6	Bx							bxt, minor gauge
S				212	6	FRC		1.5	100	55	2110		S <sub>1</sub> =Frc. wrt S <sub>2</sub>
S				223	0	PS2P						75	
S	2275			263	0	SHR							shrd & bxtd, minor gauge, within ore zone 60° btd. Gauge near start of interval
S				257	0	PS2P						35	
S				277	5	CSAZ	00	100				55 2110	S <sub>0</sub> =S <sub>2</sub> , Z short limb
S	2911	0		324	0								Sheared, minor bkn core, bx @ 295 40° to c.a. @ 317.5 20° to c.a.
S				299	0	CSAZ	10	00				40 2110	S <sub>0</sub> =S <sub>2</sub> , Z short limb
S				329	7	Bx							45° to c.a. (6")
S				331	0	CSAZ	80	00				40 2110	S <sub>0</sub> =S <sub>2</sub> , Z long limb
S	3346			349	4	Bx							narrow zones 40° heaved bx @ 339 (6" bx) 65° to c.a.
S				352	0	FAZ						40 2110	S <sub>0</sub> =S <sub>2</sub>
S				373	0	FAZ	70	000				55	S <sub>0</sub> =S <sub>2</sub>







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Assay log of PIT

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 81-04

Fabric Orientation Diagram:

Project: PIT DRILLING

Location: ZONE 3

Claim: \_\_\_\_\_

Terr. Plane Co-ords.: 7297.52 N

15,299.37 E

Grid Co-ords.: 7297.52 N

15,299.37 E

Elevation: 4018.73

Total Depth: 3050

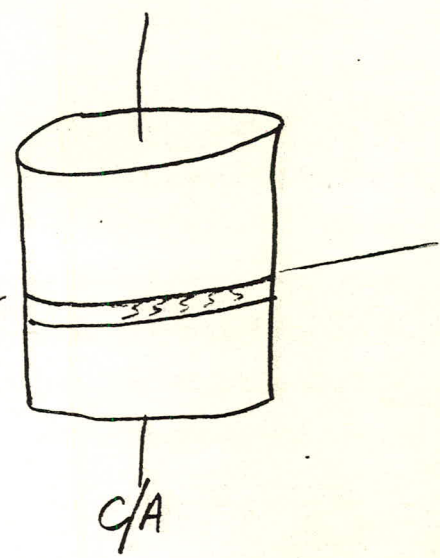
Purpose: \_\_\_\_\_

Logged by: JWM Date(s) Logged: \_\_\_\_\_

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

NG COLLAR 3050

Started: \_\_\_\_\_ Completed: \_\_\_\_\_



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

DDH 81-04  
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	81-04	4018.73	7297.52	15299.37	Feet	52

$\Sigma = 210$   
 $S_4 = 210$

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments	
I	2	8 10	14 22	26 28	32 34	56
<del>R</del>	<del>81-04</del>	<del>100</del>	<del>180.0</del>	<del>195.0</del>	<del>AT COLLAR</del>	
<del>I</del>	<del>81-04</del>	<del>100</del>	<del>178.9</del>	<del>195.0</del>	<del>AZIMUTHS OF THIS HOLE</del>	
<del>I</del>	<del>81-04</del>	<del>200</del>	<del>178.3</del>	<del>195.0</del>	<del>NOT MEASURED</del>	
<del>I</del>	<del>81-04</del>	<del>300</del>	<del>177.1</del>	<del>197.0</del>	<del>ESTIMATED FROM SURROUNDING HOLES NOV 1982</del>	
R	81-04	0	180.0	037.0	SURVEY DATA FAKED	
R	81-04	100	177.0	037.0		
R	81-04	200	175.0	037.0		
R	81-04	300	174.0	037.0		

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

Code	From		To		Unit	Code	Description
	10	14	16	20	21 23 25 27	21 23 25 27	
L	1100		1380		01	#	TRICONED - NO CORE
L	1380		1525		02	1D10	normal carbonaceous host.
L	1525		1611		03	1D10	→ 1E0
L	1611		1840		04	1D10	As in unit 02
L	1840		11100		05	1D10	generally lower in total carbon over interval; when carbonaceous - chistolite bearing
L	11100		11120		016	1F10	: 100 70:30, chloritic
L	11120		11189		017	1D10	
L	11189		11199		018	1D10	Sil.? musc. + garnet in chloritic matrix Fault? similar to that seen in #5?
L	11199		11280		019	1D10	core badly broken.
L	11280		11352		10	1D10	Fault zone, broken, gouged - clay. hanging wall contact = 20° (11 S <sub>2</sub> )
L	11352		11362		11	1D10	
L	11362		11402		12	1D10	breccia + faulted core Fault?
L	11402		11634		13	1D10	variably so carbonaceous - approaching that of # NE wall in pit.
L	11634		11674		14	1D10	? gouge - Fault zone - # med. g. Fragments of 1D in clay. contacts 11
L	11674		11740		15	1D10	muscovite >> biotite → 1D4
L	11740		11841		16	1D4	so as foliated + crosscutting veins
L	11841		11854		17	2F4 67	clasts of 1D4 at end of interval.
L	11854		11908		18	1D4	crosscutting S <sub>2</sub> - leucocratic veins
L	11908		11920		19	2G0 2D4	gran. mix of py + silica low base metals
L	11920		11947		20	2F4 67	as in unit 17
L	11947		11956		21	2BC	siliceous equivalent to 5D has cross- cutting py veins - diffractive.
L	11956		11973		22	1E0	weakly graphitic [2A phyll]
L	11973		12010		23	206	= 4L17 py.
L	12010		120116		24	2BC 6	as in unit 21
L	120116		12040		25	2D4	= 4L174
L	12040		12054		26	2CD 7	4L174
L	12054		12145		27	2C0	→ 2C0 base metals present but low grade.



Structural Log

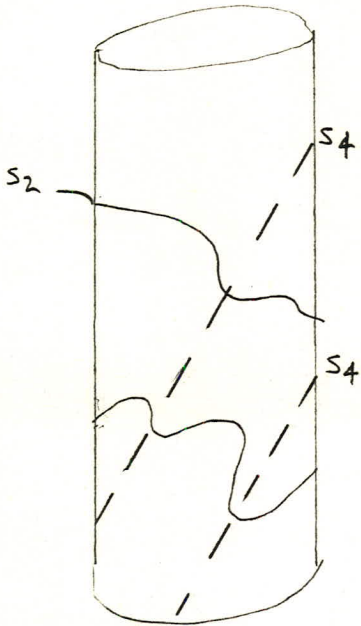
Date: OCT 26/82 Logged By: JK

Code	From		To		Feature	SYM	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			22	24	26	28	32	34	
\$	1318	0	1712	0									VIEW, SHR, BROKEN CORE
\$													POSS. FLT, AT 40' FRC IS
\$													40° TO C.A.
S			1424		ERIC		15	1910	015	1910	810	2110	S <sub>1</sub> = FRC
\$			1517	0	SHR								SUB // TO C.A.
\$			1512										2" PEGMATITE ZONE
\$													ADJACENT TO QUARTZ
\$													VIEW
\$			1515		ERIC								55° TO C.A., HEALED
\$													FRC ZONE
S			1580		AS12P						716	2110	
\$	1612		1626										BROKEN CORE, FRC AT
\$													666', 10° TO C.A.
S			1640		CIS143						752	2110	
\$	1655		1670		BX1								BX QUARTZ VIEW
\$													NO CATS,
S			1670		PS12P						762	2110	
S			1710		ERIC				110	120			S <sub>1</sub> = FRC
\$	1720		1796										BROKEN CORE, FRC
\$													SUB // TO C.A. SHEARING
S			1857		PS12P						652	2110	
\$	1900		1907		BX1								BX QUARTZ VIEW, NO CATS
S			1920		CIS14Z	615	2210				310	2110	S <sub>0</sub> = S <sub>2</sub> L <sub>4</sub> = 80/270
\$													SEE FIG. 1.
S			1960		PS12P						752	2110	
S			1102		FRC				20	1,00	65		S <sub>1</sub> = FRC.
\$	1186		1428		FLT								Gauged, shrd; @ 135.5 shr.
\$													15° to c.a., @ 137.7 shr 10° to c.a.
\$													@ 142.0 shr, 25° to c.a. @ 142.5 shr.
\$													10° to c.a.
S			1410		PS12P						40	2110	
S			1450		CSA Z	35	1,80				50	2,10	S <sub>0</sub> = S <sub>2</sub> L <sub>4</sub> = 85/110° w/ S <sub>4</sub>
\$													see fig. 2.
\$	1416		1416		S SHR				20	0710			broken core, gauge, S <sub>1</sub> = SHR
\$	1511		1516		FLT								sheared, minor gauge, brecciated



(Fig 1)

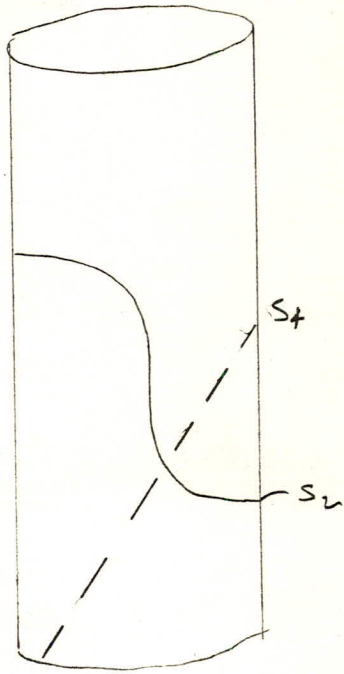
Z sym



92.0

(Fig 2)

Z sym



145.0

GEOCHEM. LOG (SAMPLER'S COPY)

Date \_\_\_\_\_ Sampled by \_\_\_\_\_

CODE	FROM		TO		SAMPLE	INTR.	REC (m)		UNIT	FEET	DESCRIPTION
	10	14	16	20			22	26			
P	1184	1	1185	4	8131010	113	113		21F4	67	75275
P	1190	8	1192	0	8131011	12	112		21C10	204 2D	75277
P	1192	0	1194	7	8131012	127	120		21F4	67	75278
P	1194	7	1195	6	8131013	109	109		28C	1	75279
P	1195	6									
P	1197	3	12010	3	8131014	130	124		206 200	2D	75281
P	12010	3	1201	6	8131015	113	113		28C	6	75282
P	1201	6	12014	0	8131016	124	121		10A = 4L7		75283
P	12014	0	12015	4	8131017	114	114		21C10	7 4L7 2D	75284
P	12015	4	12018	0	8131018	126	117		21C10	200	75285
P	12018	0	12110	5	8131019	125	111		21C10	" [2B]	75286
P	12110	5	1214	5	8131010	140	132		21C10	" [2B]	75287
P	12123	0	12126	8	8131111	128	123		25F 21F10	7 [2EF]	75289
P	12126	8	12128	8	8131112	120	120		21F10	67	75290
P	1230	0	12315	0	8131113	150	133		21A10		75292
P	12315	0	1241	5	8131114	165	165		21A10		75293
P	1241	5	12415	2	8131115	137	137		21C10	[2B]	75294
P	12415	2	12418	2	8131116	130	130		21A10		75295
P	12418	2	1251	8	8131117	136	133		21A10		75296
P	1251	8	12515	1	8131118	133	133		21A10		75297
P	1255	1	12518	6	8131119	135	135		21C10	[2B]	75298
P	12518	6	1262	4	8131210	138	114		21C10	[2B] (200)	75299
P	1262	4	1264	0	8131211	116	116		21A10		75300
P	1264	0	1270	2	8131212	162	162		21A10		75301

sample #s



1-34  
Assay log OK

Sect 132

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

090

Hole Number: 81-08

Fabric Orientation Diagram:

Project: PIT DRILLING

Location: ZONE 3

Claim: \_\_\_\_\_

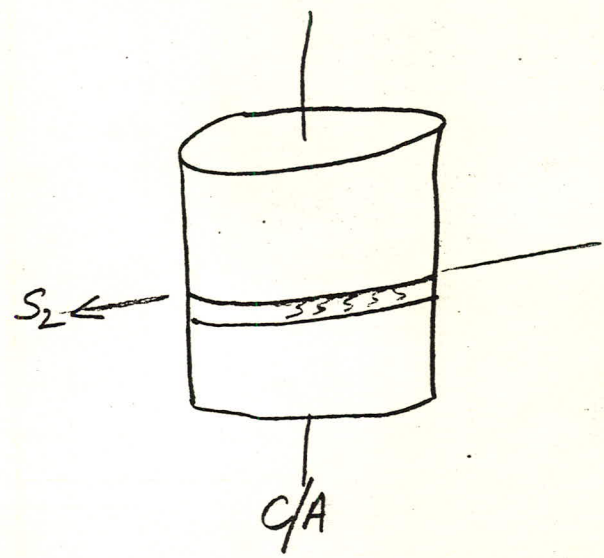
Terr. Plane Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

Grid Co-ords.: 7,703.71 N

15,651.75 E

Elevation: 4016.39



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

Total Depth: 2880

Purpose: \_\_\_\_\_

Logged by: JWM Date(s) Logged: \_\_\_\_\_

Drilling Contractor: ADD Core: Size \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_ Collar Cased and Capped: No

NO COLLAR 2880

Started: \_\_\_\_\_ Completed: \_\_\_\_\_



DDH 81-08  
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	81-08	4016.39	7703.71	15651.75	Feet	52						

S<sub>2</sub> = 210  
S<sub>4</sub> = 210

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments					
I	2	8	10	14	22	26	28	32	34	56
	81-08	100	180.0	91.0	AT COLLAR					
	81-08	1100	178.9	91.0	AZIMUTHS OF THIS HOLE					
	81-08	200	178.3	91.0	NOT MEASURED:					
					ESTIMATED FROM SURROUNDING HOLES, NOV, 1982					
	R81-08	0	180.0	090.0	AT COLLAR					
	R81-08	1000	177.0	090.0	A+Z FAKED					
	R81-08	200	175.0	090.0	A+Z FAKED					

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

Lithologic Log

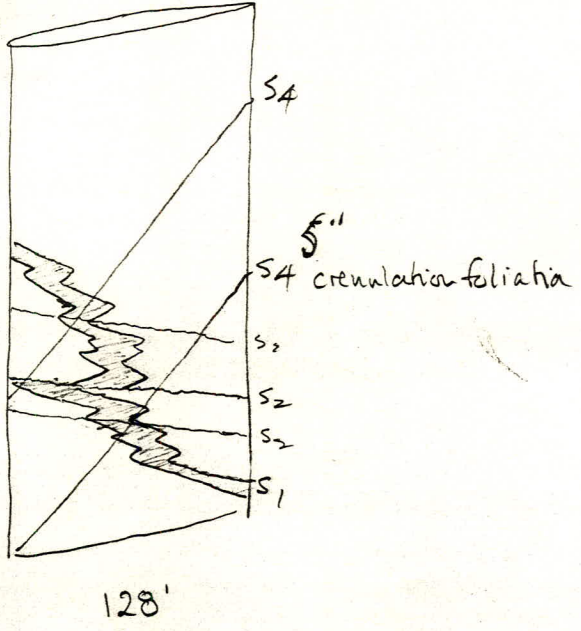
Code	From		To		Unit	Code	Description
	10	14	16	20	21 26 31 33	22 23 25 27	
L	100		1765		01	1#	TRICONED - NO CORE
L	1765		1785		02	1D0	Carbonaceous.
L	1785		1803		03	01D10	minor py + po in fractures.
L	1803		10180		04	1D10	→ 104 good andalusite development muscovite > biotite, minor sulfides Foliaform, py + po - not crosscutting S <sub>2</sub> as at Vongorda.
L	10180		12105		05	1D10	biotite > muscovite
L	12105		1233		06	1D10	As in unit 04 (104)
L	1233		1570		07	1D10	±2 normal (non-carbonaceous) 1D muscovite ≥ biotite. ls darkest unit of all
L	1570		1725		08	1DA	not strongly altered
L	1725		1740		09	1DA1	Siliceous 4L minor Foliaform. bleby sulfides
L	1740		1782		10	2D10	siliceous matrix with med. grained sulfides (py, sphal, gal) in matrix - also locally approaches (somewhat) a breccia with 4L like fragments in sulfide-quartz matrix. grade in +15% comb. this is a unique sulfide type as observed in Vongorda holes (4M?) (NOT TRULY 2D)
L	1782		1812		11	2C10	Similar to unit 10 but lack of base metals at the expense of silica
L	1812		1865		12	2C10	as above more apite, more base metals (silica fragments, baron, in a sulfide matrix)
L	1865		1960		13	1D0	much - clay abundant development of fuschite req. base metals.
L	1960		1983		14	1DA	veined py
L	1983		1998		15	2C07	
L	1998		2019		16	1DA	as in unit 14 minor fuschite development req. py.
L	2019		2234		17	2C0	this is typical 2C - well banded.

Lithologic Log

Code	From		To		Unit	Code	Description
	10	14	16	20	21 23 25 27	21 23 25 27	
L							Very minor base metals Pb=Zn, if this unit was granitic to any degree it would = 2A0; very siliceous overall; not at all similar to unit 10, 11 or 12
L	12234	12308	18	250	26	2E0	Sandy texture overall Pb+Zn ≈ 10% minor barite locally
L	2308	2334	19	2E0			low grade sandy (pop py) 2E
L	23134	23154	20	2E0			Breccia region (fragments of 2E as in unit 19). Frag. in a fine grained matrix; size = 5-8 cm.
L	23154	2441	21	2E1			2E texture, locally baritic, locally to 2F
L	2441	2470	22	2E0			as in unit 18, no barite
L	2470	2483	23	2E1			As in unit 21
L	2483	2500	24	2H8			base metal poor?
L	2500	2555	25	2F0			cg; abundant 2E fragments in a 2F matrix?
L	2555	2667	26	2A1			Very siliceous low quartz content very similar to unit 17. more base metals assoc. here.
L	2667	2760	27	2A0			As in unit 26 but totally brecciated into small fragments minor py.
L	2760	2880	28	1D0			? clay + 1D0 fragments - Fault Breccia.
							2667-2880 is Fault related. EDH.
							much of breccia in sulfide lith. is not deformational but a primary feature during deposition; gravity sliding from buildup of sulfides - as such this will affect continuity! HS!

Code	From		To		Feature	Sym	S <sub>0</sub> <sup>2</sup>		S <sub>1</sub>		S <sub>2</sub> <sup>4</sup>		Description <i>RFE</i>
	10	14 16	20 22 24 26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S			85	5	PS <sub>2</sub> P						65	210	
S			93	5	CS <sub>2</sub> S						65		
A			97	0	SHR								6" sh. sub // to S <sub>2</sub>
\$	1080		1100	0									minor shearing.
S			1150	0	PS <sub>2</sub> P						65	210	
\$	1156		1205	0	BX								bx and gouge zone. rec. = 1'
S			1280	0	CSA <sub>2</sub> Z	75	350	610	1610	40	210		S <sub>0</sub> =S <sub>2</sub> ; S <sub>1</sub> =S <sub>3</sub> ; L <sub>2</sub> =80°/240° wrt S <sub>4</sub>
\$													L <sub>4</sub> =85°/280° wrt S <sub>4</sub> See diag.
S			1440	0	CSA <sub>2</sub> Z	85	1180				45	210	S <sub>0</sub> =S <sub>2</sub> L <sub>4</sub> =85°/270° wrt S <sub>4</sub>
S			1670	0	PS <sub>2</sub> P						85	210	
S			1725	0	CS <sub>2</sub> M						85		
S			1820	0	PS <sub>2</sub> R						66		
S			1890	0	PS <sub>2</sub> R						76		
S			1960	0	PS <sub>2</sub> R						65		
S			2120	0	PS <sub>2</sub> R						64		
S			2180	0	PS <sub>2</sub> R						64		218' - 260' mass. sulphides
\$													+ bx
S			2660	0	PS <sub>2</sub> R						58	210	
\$	2660		2880	0	FLT								fault bx & gouge, frags. sub// to c.a.

DDH 81-08



PST 078 81

