FAGU074

Grom - Section 01 N

014967

Vol. 2 of 2

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU074	92164	56.5	57.9	1.4	86	4A134			3.38	3.52	44.2					6.90		.51
	92165	57.9	59.2	1.3	100	4A13			.85	1.40	13.0					2.25		.62
	92166	59.2	60.5	1.3	100	4A134			3.33	5.40	35.3					8.73		.62
	92167	60.5	61.6	1.1	100	4A13			1.72	1.85	23.3					3.57		.52
	92168	67.9	69.3	1.4	100	4C3			.11	.68	11.0					.79		.86
	92169	69.3	70.6	1.3	100	4C3			.12	.45	8.9					.57		.79
	92170	70.6	71.9	1.3	100	4C3			.32	1.20	17.1					1.52		.79
	92171	71.9	73.1	1.2	100	4C3			.70	1.15	6.2					1.85		.62
	92172	73.1	74.5	1.4	100	4C3			.05	.73	8.2					.78		.94
	92173	74.5	75.7	1.2	100	4C3			.80	1.90	30.2					2.70		.70
	92174	75.7	77.0	1.3	100	4C3			.49	1.73	23.3					2.22		.78
	92175	77.0	78.6	1.6	87	4C3			.45	1.58	21.3					2.03		.78
	92176	78.6	79.9	1.3	100	4C3			.48	1.40	16.1					1.88		.74
	92177	79.9	81.5	1.6	100	4C3			.09	.60	11.0					.69		.87
	92178	81.5	82.8	1.3	100	4C3			.49	2.33	15.1					2.82		.83
	92179	82.8	84.3	1.5	100	4C3			.08	.45	7.2					.53		.85
	92180	84.3	85.6	1.3	100	4C3			.07	.68	7.2					.75		.91
	92181	85.6	86.8	1.2	100	4C3			.10	.67	8.9					.77		.87
	92182	86.8	88.2	1.4	100	4C3			.08	.58	8.9					.66		.88
	92183	88.2	91.4	3.2	100	4C3			.50	.75	17.1					1.25		.60
	92184	96.8	97.5	.7	100	4A0			.62	1.00	28.5					1.62		.62
	92185	103.1	104.5	1.4		4L124			1.67	2.28	26.4					3.95		.58
	92186	104.5	105.9	1.4		4L124			2.25	2.78	34.3					5.03		.55

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU074	92164	4A134		3.90	5.25				90.85	*							
	92165	4A13		.98	2.09				96.93	*							
	92166	4A134		3.85	8.05				88.10	*							
	92167	4A13		1.99	2.76				95.26	*							
	92168	4C3		.13	1.01				98.86	*							
	92169	4C3		.14	.67				99.19	*							
	92170	4C3		.37	1.79				97.84	*							
	92171	4C3		.81	1.71				97.48	*							
	92172	4C3		.06	1.09				98.85	*							
	92173	4C3		.92	2.83				96.24	*							
	92174	4C3		.57	2.58				96.86	*							
	92175	4C3		.52	2.36				97.12	*							
	92176	4C3		.55	2.09				97.36	*							
	92177	4C3		.10	.89				99.00	*							
	92178	4C3		.57	3.47				95.96	*							
	92179	4C3		.09	.67				99.24	*							
	92180	4C3		.08	1.01				98.91	*							
	92181	4C3		.12	1.00				98.89	*							
	92182	4C3		.09	.86				99.04	*							
	92183	4C3		.58	1.12				98.30	*							
	92184	4A0		.72	1.49				97.79	*							
	92185	4L124		1.93	3.40				94.67	*							
	92186	4L124		2.60	4.14				93.26	*							

DRILL HOLE : FAGU074

NORTHING : 904,808.5

EASTING : 592,427.3

ELEVATION : 1,164.3

TOTAL DEPTH : 107.9

SECTION : W 67

R.F.E. : S2

RFE DIRECTION: 230

PLUNGE ANGLE : 11

PLUNGE DIRECT: 312

DHD CALC: 1

SS CALC: 0

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	23
NOS DOWN-H-SURVEYS:	4
NOS DOWN-H-LITHOLOGY:	12
NOS DOWN-H-STRUCTURE:	0
NOS DOWN-H-FAULTS:	26
NOS DOWN-H-SPLINES:	4
NOS COMPOSITES:	0

DDH: FAGU074 UTM-N: 904,8C8.5 UTM-E: 592,427.3 UTM-ELEV: 1,184.3 TOTAL DEPTH: 107.9 SECTION: W 67
RFE: S2 RFE DIP: 23C PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
56.5	57.9	92164	1.4	1.2	4A134			3.32	3.52		44.23										
57.9	59.2	92165	1.3	1.3	4A13			.85	1.40		13.03										
59.2	60.5	92166	1.3	1.3	4A134			3.33	5.40		35.31										
60.5	61.6	92167	1.1	1.1	4A13			1.72	1.85		23.31										
67.9	69.3	92168	1.4	1.4	4C3			.11	.68		10.97										
69.3	70.6	92169	1.3	1.3	4C3			.12	.45		8.91										
70.6	71.9	92170	1.3	1.3	4C3			.32	1.20		17.14										
71.9	73.1	92171	1.2	1.2	4C3			.70	1.15		6.17										
73.1	74.5	92172	1.4	1.4	4C3			.05	.73		8.23										
74.5	75.7	92173	1.2	1.2	4C3			.80	1.90		30.17										
75.7	77.0	92174	1.3	1.3	4C3			.49	1.73		23.31										
77.0	78.6	92175	1.6	1.4	4C3			.45	1.58		21.26										
78.6	79.9	92176	1.3	1.3	4C3			.43	1.40		16.11										
79.9	81.5	92177	1.6	1.6	4C3			.09	.60		10.97										
81.5	82.8	92178	1.3	1.3	4C3			.49	2.33		15.09										
82.8	84.3	92179	1.5	1.5	4C3			.08	.45		7.20										
84.3	85.6	92180	1.3	1.3	4C3			.07	.68		7.20										
85.6	86.8	92181	1.2	1.2	4C3			.10	.67		8.91										
86.8	88.2	92182	1.4	1.4	4C3			.08	.58		8.91										
88.2	91.4	92183	3.2	3.2	4C3			.50	.75		17.14										
96.8	97.5	92184	.7	.7	4A0			.62	1.00		28.46										
103.1	104.5	92185	1.4	.0	4L124			1.67	2.28		26.40										
104.5	105.9	92186	1.4	.0	4L124			2.25	2.78		34.29										
WEIGHTED AVERAGE																					
56.5	61.6		5.1	4.9				2.36	3.09		29.49										
67.9	91.4		23.5	23.3				.31	1.01		13.82										
96.8	97.5		.7	.7				.62	1.00		28.46										
103.1	105.9		2.8	.0				1.96	2.53		30.34										

DDH: FAGU074 UTM-N: 904,808.5 UTM-E: 592,427.3 UTM-ELEV: 1,164.3 TOTAL DEPTH: 107.9 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	81.600	149.800
45.700	87.000	149.000
76.200	88.700	149.000
106.700	91.000	149.000

DDH: FAGU074 UTM-N: 904,808.5 UTM-E: 592,427.3 UTM-ELEV: 1,164.3 TOTAL DEPTH: 107.9 SECTION: 4 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
21.0	0001	3GC	(1000 &*)	0.5-	1
22.7	0002	4C5	WEASEL ROCK	0.5-	1
53.5	0003	4AC		0.5-	1
61.2	0004	4A13	&4 RUBBLE	0.5-	1
91.4	0005	4C3	(4D0) LOCAL	0.5-	1
96.7	0006	3GC		0.5-	1
97.6	0007	4AC	&3	0.5-	1
99.0	0008	4LC		0.5-	1
103.6	0009	3GC		0.5-	1
106.0	0010	4L12	(4E44 BXA [4JC VEIN])	0.5-	1
107.8	0011	3GC		0.5-	1
107.9	0012	4E47	MICROBXA	0.5-	1

DDH: FAGUC74 UTM-N: 904,908.5 UTM-E: 592,427.3 UTM-ELEV: 1,1c4.3 TOTAL DEPTH: 107.9 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGUC74	0.1	1.5	P	3		0	0	0	0	0	0	1
FAGUC74	3.C	4.6	P	7		0	0	C	C	0	0	1
FAGUC74	9.4	1C.1	BGQ			0	0	C	0	0	0	1
FAGUC74	14.1	14.6	1G			C	0	C	0	0	0	1
FAGUC74	16.9	17.5	G			45	18C	C	C	0	0	1
FAGUC74	19.2	19.7	1G			99	999	99	999	99	999	1
FAGUC74	21.0	21.3	G			0	0	C	C	0	0	1
FAGUC74	22.4	22.6	R			0	0	C	C	0	0	1
FAGUC74	21.C	22.7	3BP	5		0	0	C	C	0	0	1
FAGUC74	22.7	25.5	X			0	0	C	C	0	0	1
FAGUC74	22.7	32.0	P	8		C	0	C	C	0	C	1
FAGUC74	39.3	39.6	3X			0	0	C	C	0	0	1
FAGUC74	42.4	42.9	3X			C	0	C	C	0	0	1
FAGUC74	45.7	5C.5	RP	3		C	0	C	0	0	0	1
FAGUC74	51.5	51.9	3B			C	0	C	0	0	0	1
FAGUC74	32.C	53.5	1XQ			0	0	0	C	0	0	1
FAGUC74	55.1	56.6	X			0	0	C	C	0	0	1
FAGUC74	59.C	59.2	X			C	0	C	C	0	0	1
FAGUC74	53.5	61.2	RB			0	0	C	C	0	0	1
FAGUC74	90.9	91.4	1XQ			0	0	0	C	0	0	1
FAGUC74	91.3	91.4	1G			C	0	C	0	0	0	1
FAGUC74	96.2	96.4	FX			0	C	45	C	0	0	1
FAGUC74	1C3.1	103.6	B			0	0	C	C	0	0	1
FAGUC74	103.6	106.0	XD			0	0	C	C	0	0	1
FAGUC74	1C7.1	107.4	G			0	0	0	C	0	0	1
FAGUC74	107.8	107.9	1XD			0	0	C	C	0	0	1

DDH: FAGU074 UTM-N: 904,909.5 UTM-E: 592,427.3 UTM-ELEV: 1,164.3 TOTAL DEPTH: 107.9 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 0

DDH	SEGMENT NOS	COND INDICATOR
FAGU074	1	2
FAGU074	2	2
FAGU074	3	2
FAGU074	4	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 13:41:56

67W

OFF SECTION
NO STRUCT OR ASSAY LOG REQUIRED.

CYPRUS ANVIL MINING CORPORATION Page 1 of 4

DIAMOND DRILL CORE LOG Date: _____

Hole Number: FAGU 074

Reference Fabric Orientation Diagram:

Project: GRUM

Location: 67 W

Claim: _____

~~Terr.~~ UTM Plane Co-ords.: 904808.5 N

592427.3 E

Grid Co-ords: 67W

revision of surveyed grid co-ords

All symmetry determinations looking

Elevation: 1164.4 ~~3~~ _____ with _____ dipping

Total Depth: 107.9 _____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

CORE Size	From	To

Collar Cased and Capped: _____

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

C.A.M.C. 1981 - E - 1

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH FAGU074 (2 – 8)

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	FAGU074	1164.~~4~~ 3	904808.5	592427.3	METERS		

149.8 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 – 8	10 – 14	22 – 26	28 – 32	34 – 56
R	FAGU074	0 0	81.6	148.3	AT COLLAR
R	FAGU074	45 7	87.0	149.0	SPERRY SUN
R	FAGU074	76 2	88.7	149.0	
R	FAGU074	106 7	91.0	149.0	

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

DDH FAG 4 0 74 (2 … 8) Cyprus Anvil Mining Corp. Page 3 of 4

Lithologic Log Date: 17 Aug 82 Logged By: GAT / DSJ

Code	From	To	Recov.	No.	Unit	Description
1	10 … 14	16 … 20	22 … 24	26 … 28	30 … 34	35
L	00	21 0		1	3GD	(QQO ± *) 0 – 1.5 = 0.5m recy ; 3 – 4.6 = .4m loss 9.4 – 10.1 broken core & gouge undeter assoc. w/ QQO ; 14.1 – 14.6 = indeterminate to 11 S2 5cm thick ∥ SM. fault ; 16.9 – 17.5 = gouge uphole ext 45°/180 drhole ext undeter incp gouge in 1 DDH ; 19.2 – 19.7 upper 11 S2 , internal 11 S2 , lower S2 11 i.e. 10cm. gouge 11 S2 ;
L	21 0	22 7		2	4CS	prob. wallrk mineralization – Weasel Rock badly bkn. ; gouge 21.0 – 21.3 22.4 – 22.6 rubbly undeter ; 1m. rec over interval ; ends in 5cm fault bxia (leached)
L	22 7	53 5		3	4AO	to 25.5 = ∥ bxia of 4A frags in blk. dol. matrix rk flour upper undeter, lower clste bxia 20% core loss to 32m ; 45.7 – 50.5 = 1.8m rec'd as rubble ; v. bkn, locally intact only ; 51.5 – 51.9 = bkn undeter ; bxias & vns incp bxiated everywhere , good bxia zones 39.3 – 39.6 & 42.4 – 42.9 ; rubble " may = bxia "wash outs" ; unit ≈ 30% rubble
L	53 5	61 2		4	4A1 3	"you'll wonder where the ZnS went" ; rubbly & bkn & partially split ; bxia 55.1 – 56.6 & 59.0 – 59.2 all rk. flour ?? matrix – blocks sucky
L	61 2	91 4		5	4CB	50 – 60% S ± mainly py w/ local 400 wkly Carbonate & py vk. w/ banding 11 c.a. ; much microbxia tends to homog. unit & destroy banding – boring but lgely intact ; good recy ; last cnt = 10cm undeter flt gouge & last 0.5 m = clste bxia ; no internal bxia
L	91 4	96 7		6	3GD	Gouge ; 96.2 – 96.4 = fault @ 45° to S2 ∥ c.a. bxia in 96.2 – 96.4 ; S2 drag ⇒ drhole ↓

DDH EAGU074 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 17 Aug 82 Logged By:

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
L	967	976		7	4A0	±3 upper cnt = fault @ 45° to c.a.
						drag ⟹ uphole ↑ lwr cnt 11 S_2
L	976	990		8	4L0	boring intact lwr cnt 11 S_2
L	990	1036		9	3G0	intact except for last 0.5 m = bkn.
						lwr. cnt = sulf. intrusion of 4E4 cutting
						S_2
L	1036	1060		10	4L12	(4E44) sulf. microbxia or intrusive
						vein; unit zone of wk. bleaching
		107		11		& silicification by 4E44 [4J0]
						veins
L	1060	1078			3G0	gouge 107.1–107.4 in deter upper/lower
L	1078	1079			4E47	microbxia w/ S_2 fold phyll frags;
						po = 1/8" rind @ upper S_2 11 cnt.

DDH FAGU074 Cyprus Anvil Mining Corp

Page _____ of _____

Logged by _____

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	565	579	92164	12	12	4A13	4
	579	592	92165	13	13	4A13	
	592	605	92166	13	13	4A13	4
	605	616	92167	11	11	4A13	
	679	693	92168	14	14	4C3	
	693	706	92169	13	13	4C3	
	706	719	92170	13	13	4C3	
	719	731	92171	12	12	4C3	
	731	745	92172	14	14	4C3	
	745	757	92173	12	12	4C3	
	757	770	92174	13	13	4C3	
	770	786	92175	16	14	4C3	
	786	799	92176	13	13	4C3	
	799	815	92177	16	16	4C3	
	815	828	92178	13	13	4C3	
	828	843	92179	15	15	4C3	
	843	856	92180	13	13	4C3	
	856	868	92181	12	12	4C3	
	868	882	92182	14	14	4C3	
	882	914	92183	32	32	4C3	
	968	975	92184	13	13	4A0	
	1031	1045	92185	14		4L12	4
	1045	1059	92186	14		4L12	4

Metres

FAULT

DDH FAGU074 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	109	115	P	3				0.5m/1.5m =
F	130	146	P	7				1.2/1.6m
F	194	1101	BGQ					brkn core & gouge
								2000c. w/ 1000
F	1141	1146	1G					IND gouge
F	1169	1175	G		415/180			gouge lower contact IND
F	1192	1197	1G		919 9199	919 9199	919 9199	S_2 // gouge
F	1210	1227	3BP	5				1m/1.7m
F	1210	1213	G					gouge
F	1224	1226	R					IND rubble
F	1227	1255	X					fault bxa – 4A frags in
								black dolomitic matrix
								rock flour
								upper IND
								lower crackle bxa
F	1227	1320	P	8				20% core loss
F	1457	1505	RR	3				1.8m/4.8m rubble
F	1515	1519	3B					brkenn IND
F	1393	1396	3X					good bxa zone
F	1424	1429	3X					good bxa zone
F	1227	1535	1XQ					incipiently bxiated to
	320							crackle bxiated
F	1535	1612	RB					rubble & brkenn
F	1515	1566	X					bxa – rock flour
F	1590	1592	X					bxa – rock flour
F	1909	1914	1XQ					crackle bxa
F	1913	1914	1G					IND fault gouge
F	1962	1964	FX			45/010		fault 45° to S_2 // c.a.
								bxa
F	11031	11036	B					brkenn
	11036	11060	XD					sulph microbxa or
								intrusive vein
	11071	11074	G					IND gouge
	11078	11079	1XD					microbxa IND
								contacts – S_2 folded
								phyll frags

C.A.M.C. 1981 – E – 4

DIAMOND DRILL RECORD

LOGGED BY JIM PAXTON AND JOCK HOWARD

D.D.H. Nº 76-U-74 PAGE 1

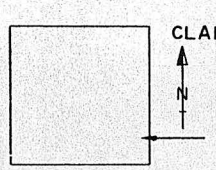
PROPERTY GRUM JOINT VENTURE
PILOT HOLE FOR ZN/E DRIFT

LATITUDE 10602.785 STARTED MAY4, 1976

DEPARTURE 7732.380 COMPLETED MAY 6, 1976

ELEVATION 1174.983 M PROPOSED DEPTH 91.4
ULTIMATE DEPTH 107.9

HOLE SURVEY:		
DEPTH	BEARING	DIP
0	147° 35'	+7°
45.7	149° 0'	+3°
76.2	" "	+1°
106.7	" "	-1°



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

CLAIM Nº

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	21.0	QUARTZ SERICITE PHYLLITE (S). Dark gray colour.	20.0/21.0												
		Strong F_2 foliation at 15° ± 10°. Numerous short tension													
		fractures perpendicular to F_2 filled with pale yellow felsic													
		material. Scattered irregular masses of white quartz para-													
		llel to F_2. No F_1 noted. Rick is generally weak and													
		fissile.													
		14.0-14.6: Fault gouge. No slickensides noted.													
		19.3-19.6: Fault gouge. Slickenside at 25°.													
		Py PbZn													
21.0	24.5	QUARTZ SULFIDES (P).													
		Foliated and roughly interbanded quartz and 10 Tr.	3.0/3.5		21.0	24.5									
		sericite with blebs and irregular bands of													
		pyrite.													
24.5	27.0	BRECCIA ZONE (PXg)													
		Angular quartz-sulfide fragments in a black earthy graphitic													
		(?) groundmass. 10 Tr.	2.0/2.5		24.5	27.0									

LOGGED BY _____ D.D.H. NO. 76-U-74 PAGE 2

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
27.0	39.1	QUARTZ SULFIDE (P).	15	Tr.	10.0/12.0		27.0	39.1									
		Similar to section 21.0-24.5	10	Tr.	0.5/0.7		39.1	39.7									
		F_2 foliation @ 20° ± 10. F_1 banding sub parallel															
		to F_2 locally visible. Numerous dragfolds noted.															
39.1	39.7	BRECCIA ZONE (PXg).															
		Similar to previous section.															
39.7	55.5	QUARTZ SULPHIDE (P).															
		Similar to section 21.0-24.5. F_2 foliation	20	Tr	13.0/15.8		39.7	55.5									
		at 10° ± 10. Numerous open fractures at high angles															
		to F_2. F_1 appears to be sub parallel to F_2.															
		47.0-48.0: Broken core.															
		Lost core-Mislatch, (48.8-50.3)															
55.5	59.2	BRECCIA ZONE (PXg)															
		Similar to 24.5-27.0. Numerous open fractures.	15	Tr	1.0/1.0		55.5	56.5									
			20	2	1.2/1.2	2601	56.5	57.9	1.2	3.38	3.52	44.23			6.90	PbZn	
59.2	67.9	QUARTZ SULPHIDES (P).	20	3	1.3/1.3	2-02	57.9	59.2	1.3	0.85	1.40	13.03			2.24	PbZn	
		Interbanded quartz and dark sericite with streaks	20	6	1.3/1.3	2603	59.2	60.5	1.3	3.33	5.40	35.31			8.73	PbZn	
		and massive bands of pyrite. F_2 =30°. Percent	25	4	1.1/1.1	2604	60.5	61.6	1.1	1.72	1.85	23.31			3.55	PbZn	
		pyrite increasing downhole-up to 40%	30	Tr	6.3/6.3		61.6	67.9									

LOGGED BY _____ D.D.H. NO. 76-U-74 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		65.8-66.0: Massive Py.		W.Av.	56.5	60.5	4.0	5.63	PbZn	?					
67.9	91.4	QUARTZ-SULPHIDES (P).													
		As previous but with thin bands of sphalerite and some chal-													
		copyrite; trace of pyrrhotite. Py PbZn													
		33 2.5	1.4	2605	67.9	69.3	1.4	0.11	0.68	10.97			0.79	PbZn	
		35 2	1.3	2606	69.3	70.6	1.3	0.12	0.45	3.91			0.57	PbZn	
		35 2	1.3	2607	70.6	71.9	1.3	0.32	1.20	17.14			1.52	PbZn	
		30 Tr.	1.2	2608	71.9	73.1	1.2	0.07	1.15	6.17			1.22	PbZn	
		35 2	1.4	2609	73.1	74.5	1.4	0.05	0.73	8.23			0.78	PbZn	
		35 4	1.2	2610	74.5	75.7	1.2	0.80	1.90	30.17			2.70	PbZn	
		33 4	1.3	2611	75.7	77.0	1.3	0.49	1.73	23.31			2.22	PbZn	
		30 4	1.4	2612	77.0	78.6	1.6	0.45	1.58	21.26			2.03	PbZn	
		30 3	1.3	2613	78.6	79.9	1.3	0.48	1.40	16.11			1.88	PbZn	
		TRACE OF MAGNETITE 35 3	1.6	2614	79.9	81.5	1.6	0.09	0.60	10.79			0.69	PbZn	
		37 4	1.3	2615	81.5	82.8	1.3	0.49	2.33	15.09			2.82	PbZn	
		OPEN TENSION CRACKS 25 Tr	1.5	2616	82.8	84.3	1.5	0.08	0.45	7.20			0.53	PbZn	
		35 4	1.3	2617	84.3	85.6	1.3	0.07	0.68	7.20			0.75	PbZn	
		30 3	1.2	2618	85.6	86.8	1.2	0.10	0.67	8.91			0.77	PbZn	
		SOME ANKERITE FILLED TENSION CRACKS 25 3	1.4	2619	86.8	88.2	1.4	0.08	0.58	8.91			0.66	PbZn	
		25 5	3.2	2620	88.2	91.4	3.2	0.50	0.75	17.14			1.25	PbZn	

LOGGED BY _____ D.D.H. NO 76-U-74 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
91.4	96.8	QUARTZ SERICITE PHYLLITE (S)	5.4/5.4												
		Light to dark grey, fine grained. F_2 @ 25°; F_1 contorted													
		within F_2 sometimes sub parallel F_2, sometimes perpendicular		W.Av.	67.9	91.4	23.5	1.30	PbZn						
		F_2, sometimes folded within F_2. Py 5% in scattered thin													
		bands within F_2. Fold nose @ 96.6.													
96.8	97.5	QUARTZ SULPHIDES (P)													
		Brassy, medium to fine grained, no definitive structure.													
		Upper contact very sharp @ 55°; lower contact very sharp @													
		15°. Py: 35 PbZn: 4	1.3	2621	96.8	97.5	1.3	0.62	1.00	28.46			1.62	PbZn	
97.5	98.7	BLEACHED PHYLLITE (Sb)	1.2/1.2												
		White to dark yellow, fine grained, F_1 sub parallel to F_2													
		with fold nose at 98.4. F_2 @ 25°.													
98.7	107.9	QUARTZ SERICITE PHYLLITE. (S)	9.2/9.2												
		Light to dark gray, fine grained, F_1 sub parallel to F_2.													
		F_2 @ 0-25°.													
		98.7-103.1: Quartz intrusions with ankerite filled tension													
		cracks at 99.3; 101.2; and 102.6. Ankerite filled tension													
		cracks from 102.6-103.1.													
		103.1-107.9: Bands of sphalerite rich sulphides, // F_1.													

LOGGED BY _____ D.D.H. Nº 76-U-74 PAGE 5

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		Fault gouge from 107.2-107.4-core is blocky or muddy.	5	6		2622	103.1	104.5	1.4	1.67	2.28	26.40			3.95	PbZn	
		103.8-103.9: Py-10, PbZn-14	5	3		2623	104.5	105.9	1.4	2.25	2.78	34.29			5.03	PbZn	
		107.8-107.9: Py-10, PbZn-20.															
	107.9	END OF HOLE (in sphalerite band).															

DDH: FAGU074 -- 132 DEGREE PROFILE

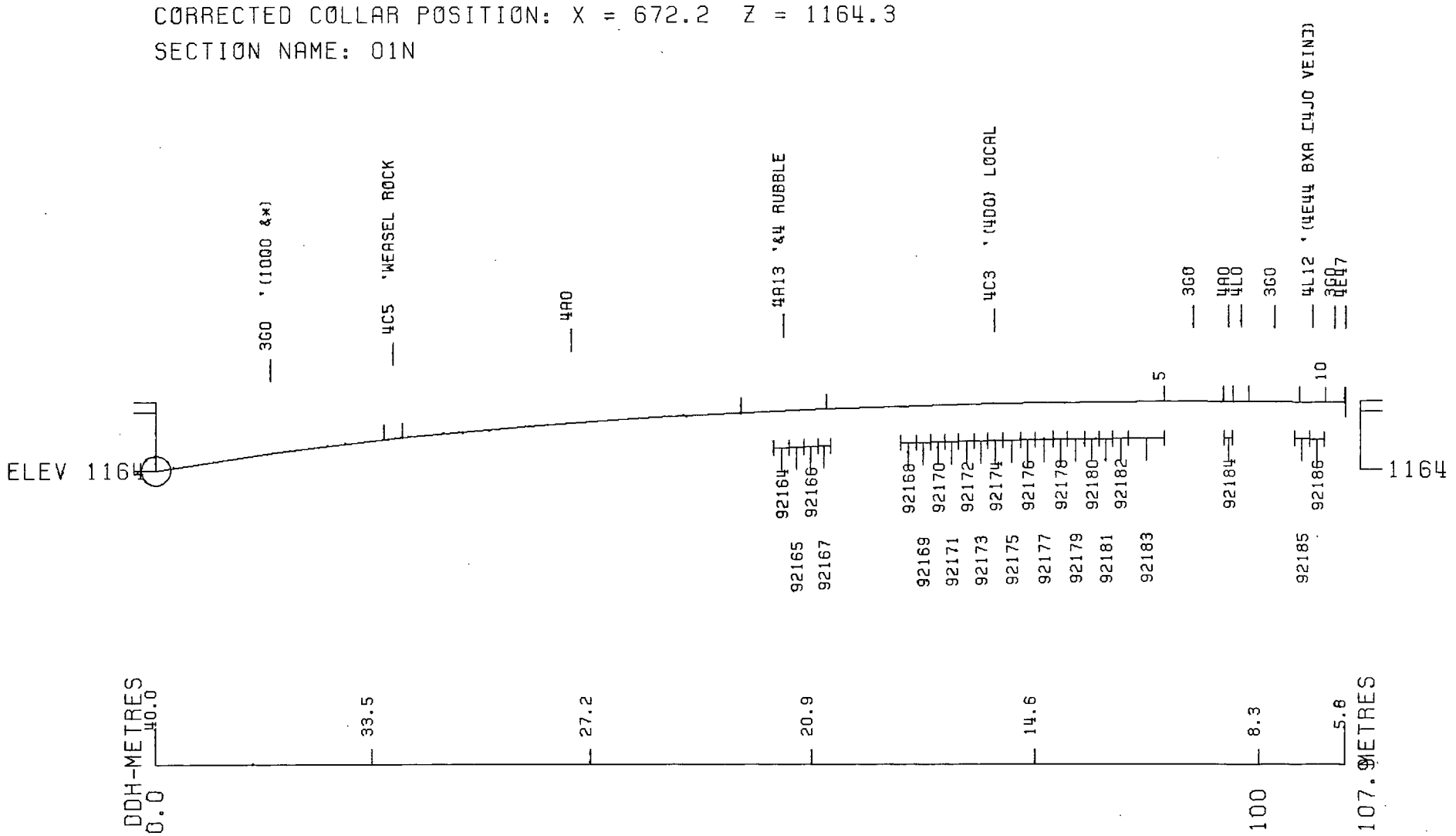
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1164 592427E ; 904809N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 672.2 Z = 1164.3

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 27 NOV 1984 9:52 AM

DDH: FAGU074 -- 132 DEGREE PROFILE

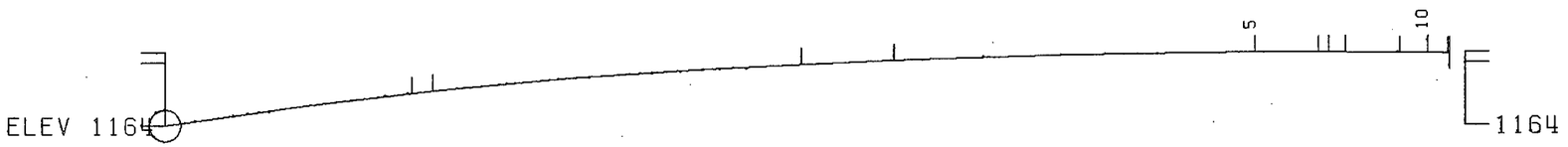
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1164 592427E ; 904809N

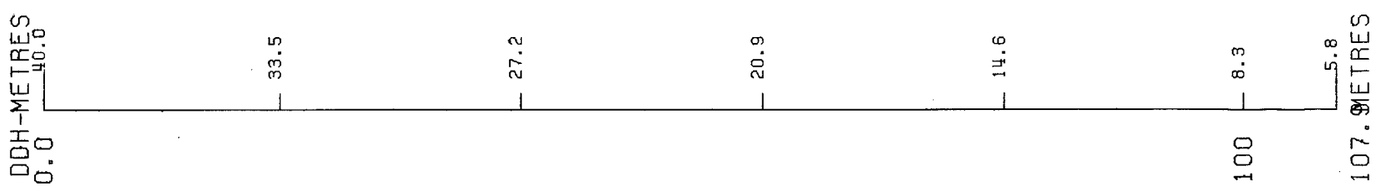
PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 672.2 Z = 1164.3

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 27 NOV 1984 10:12 AM



DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU076	90949	27.4	29.3	1.9	79	4E4			3.90	5.00	50.4					8.90		.56
	90950	29.3	30.5	1.2	100	4E4			5.15	7.05	83.7					12.20		.58
	90951	30.5	32.0	1.5	100	4E4			4.60	5.85	73.7					10.45		.56
	90952	32.0	32.8	.8	100	4E4			6.92	10.21	86.7					17.13		.60
	90953	32.8	34.3	1.5	93	4E4			4.30	5.10	57.6					9.40		.54
	90954	34.3	36.4	2.1	95	4D4			12.04	12.77	183.4					24.81		.51
	90955	36.4	38.5	2.1	95	4CEA			2.70	1.60	40.5					4.30		.37
	90956	38.5	41.1	2.6	96	4A3			1.95	1.15	32.2					3.10		.37
	90957	41.1	42.7	1.6	88	4A3			1.20	.25	20.2					1.45		.17

DCH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU076	90949	4E4		4.50	7.45				88.04	*							
	90950	4E4		5.95	10.51				83.54	*							
	90951	4E4		5.31	8.72				85.97	*							
	90952	4E4		7.99	15.22				76.79	*							
	90953	4E4		4.97	7.60				87.43	*							
	90954	4D4		13.90	19.04				67.06	*							
	90955	4CEA		3.12	2.39				94.50	*							
	90956	4A3		2.25	1.71				96.03	*							
	90957	4A3		1.39	.37				98.24	*							

DRILL HOLE : FAGU076
NORTHING : 904,807.9
EASTING : 592,426.6
ELEVATION : 1,164.3
TOTAL DEPTH : 65.5
SECTION : W 67
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
CHD CALC: 1
SS CALC: 0

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 9
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 12
NOS DOWN-H-STRUCTURE: 0
NOS DOWN-H-FAULTS: 18
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGUC76 UTM-N: 904,807.9 UTM-E: 592,426.5 UTM-ELEV: 1,164.3 TOTAL DEPTH: 65.5 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
27.4	29.3	90949	1.9	1.5	4E4			3.90	5.00	50.40											
29.3	30.5	90950	1.2	1.2	4E4			5.15	7.05	83.70											
30.5	32.0	90951	1.5	1.5	4E4			4.60	5.85	73.70											
32.0	32.8	90952	.8	.8	4E4			6.92	10.21	86.70											
32.8	34.3	90953	1.5	1.4	4E4			4.30	5.10	57.60											
34.3	36.4	90954	2.1	2.0	4D4			12.04	12.77	183.40											
36.4	38.5	90955	2.1	2.0	4CEA			2.70	1.60	40.50											
38.5	41.1	90956	2.6	2.5	4A3			1.95	1.15	32.20											
41.1	42.7	90957	1.6	1.4	4A3			1.20	.25	20.20											
WEIGHTED AVERAGE																					
27.4	42.7		15.3	14.3				4.60	4.97	68.54											

DDH: FA00076 UTM-N: 904,807.9 UTM-E: 592,426.6 UTM-ELEV: 1,164.3 TOTAL DEPTH: 65.5 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	84.300	171.300

BDH: FAGU076 UTM-N: 904,807.9 UTM-E: 592,426.6 UTM-ELEV: 1,164.3 TOTAL DEPTH: 65.5 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.7	0001	3G0	(10Q* PY)	0.5-	1
5.0	0002	5043		0.5-	1
19.2	0003	4AC		0.5-	1
27.4	0004	4AC	&3 BXA ZONES	0.5-	1
34.0	0005	4E4	&1 LOCAL (4DO) MINOR	0.5-	1
36.1	0006	4D4	DUCTILE BXA	0.5-	1
37.2	0007	4CC	(4E4) (4C53 -> 4A3) BXA	0.5-	1
37.9	0008	4E4		0.5-	1
42.8	0009	4A3	(4L) MINOR E.O.I.	0.5-	1
45.7	0010	3G0	&9 &$	0.5-	1
46.2	0011	4L0	-> (3G4)	0.5-	1
65.5	0012	5B20	(5B26$)	0.5-	1

DDH: FAGU076 UTM-N: 904,807.9 UTM-E: 592,426.6 UTM-ELEV: 1,164.3 TOTAL DEPTH: 65.5 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 0

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		OHD
FAGU076	0.1	0.5	NP		0	0	0	0	0	0	1
FAGU076	5.0	19.2	3B		0	0	0	0	0	0	1
FAGU076	5.0	19.2	1XD		0	0	0	0	0	0	1
FAGU076	19.2	27.4	2X		0	0	0	0	0	0	1
FAGU076	26.8	27.4	3X		0	0	0	0	0	0	1
FAGU076	27.4	28.0	RX		0	0	0	0	0	0	1
FAGU076	28.8	29.5	RX		0	0	0	0	0	0	1
FAGU076	33.5	34.0	RX		0	0	0	0	0	0	1
FAGU076	34.0	36.1	3D		0	0	0	0	0	0	1
FAGU076	36.1	37.2	D		0	0	0	0	0	0	1
FAGU076	37.9	42.8	X2B		0	0	0	0	0	0	1
FAGU076	0.0	42.8	1G		0	0	0	0	0	0	1
FAGU076	0.0	46.2	1F		0	0	0	0	0	0	1
FAGU076	60.0	61.5	G		99	999	0	0	0	0	1
FAGU076	61.7	61.9	1G		0	0	0	0	0	0	1
FAGU076	46.2	65.5	3B		0	0	0	0	0	0	1
FAGU076	63.0	65.5	G		0	0	0	0	0	0	1
FAGU076	64.0	65.5	NP		0	0	0	0	0	0	1

DDH: FAGU076 UTM-N: 904,807.9 UTM-E: 592,426.6 UTM-ELEV: 1,164.3 TOTAL DEPTH: 65.5 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH	SEGMENT NOS	COND INDICATOR
FAGU076	1	1

OFF SECTION
NO STRUCT OR ASSAY
LOG REQUIRED

67W

CYPRUS ANVIL MINING CORPORATION

Page 1 of 4

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAG 4 076

Reference Fabric Orientation Diagram:

Project: GRUM

Location: 67W.

Claim: _____

UTM ~~Terr.~~ Plane Co-ords.: 6904807.9 N

592426.6 E

conversion of surveyed grid co-ords

Grid Co-ords: _____

_____

All symmetry determinations looking

Elevation: 1164.53

_____ with _____ dipping

Total Depth: 65.5

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped:

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

274 - 364 V.H GRADE 4E et

C.A.M.C. 1981 - E - 1

see ASSAY LOG

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 76-U07616

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	76-U07616	1164.5/3	9048097.9	592426.16	METRES (FEET)

171.3 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	76-U07616	00	84.3	169.7	ATCOLLAR
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

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

DDH FAGU076 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 17 Aug 82 Logged By: GAJ / DSJ

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
L	00	37		1	3G0	S_2 // c.a.; minor py in OQ* bxia vns
						// S_2; intact except missing 0.5 @ TOI
L	37	50		2	5D4*	dol., minor py as irreg x cutting blebs
L	50	192		3	4A0	normal exhal. text.; m. bkn. → heavily
						bkn.; u. cnt. // S_2 w/ 2 cm. 4C5
						@ upper cnt ⟹ usual "bleaching"
						or lt. color. adj. 5D/C; much incip
						bxiation; S_2 10° to c.a.
L	192	274		4	4A0	±3 c.f. #3 but more pyritic & siliceous;
						intact w/ many bxia zones; main bxia
						26.8–27.4 is sulf matrix bxia w/
						4A0, OQ0 & 4E0 frags, matrix is py
						>>> qtz & v. minor dol.; appears to be a
						fault bxia w/ upper cnt indeter but
						cuts S_2, lower indeter.; could be movement
						of adj. units during def^m.
L	274	340		5	4E4	±1 locally; 4D0 30.5–30.9, split & bkn.
						prob. orig zones of rubble poss. leached
						bxias; local sulf in sulf bxias
						w/ some poss. $CO_3^=$ dissolution; non-calc.;
L	340	361		6	4D4	rubble: 27.4–28.0, 28.8–29.5 33.5–34.0
						heavily duct. flow bxiated due to
						high ZnS content; 4D0 frags in
						mass ZnS–PbS–py matrix
L	361	372		7	4C0	(4E4, 4C53 ⟹ 4A3); heavily microbxiated
						but intact
L	372	379		8	4E4	mass → wkly banded; intact
L	379	428		9	4A3X	normal exhal. text. w/ minor bxia
						S_2 // c.a.; m. bkn. but intact
						minor 4L EOI; lower cnt 4L/OQ0
						gouge ≈ @ 45° to c.a.
L	428	457		10	3G0	±9 ±* dol in qtz-sst. bands in ≈ 1/2 of
						unit; core shutfull; minor indeter
						gouge, best devel. TOI adj fault
L	457	462		11	4L0	⟹ 3G4 from above 3G0; lwr. cnt =
						fault @ 40° to c.a. S_2 10° to c.a.

DDH EAGU076 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 17 Aug 82 Logged By: GAJ/DSJ

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
L	462	655		12	5B20	(5B26*) trans. to 5B0; both dol. & cal. sections c.f. bottom of U186; v. bkn, good tilt on struct often transp. 11 S_2; gouge 60.0 – 61.5 upper cnt = 11 S_2, lower cnt cuts S_2; 61.7 – 61.9 indeter; 63.0 – 65.5 w/ "wash-out" 64.0 – 65.5 S_2 20–30° to c.a. in 5B20

DDH FAGU076 (2 … 8) Cyprus Anvil Mining Corp Page ____ of ____

ASSAY LOG (SAMPLER'S COPY) Date ____ Logged by ____ Sampled by ____

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	274	293	909149	19	15	4E4	
P	293	305	909150	12	12	4E4	
P	306	320	909151	15	15	4E4	
P	320	328	909152	08	08	4E4	
P	328	343	909153	15	14	4E4	
P	343	364	909154	21	20	4A4	
P	364	385	909155	21	20	4E4	(4CO) 4CEA
P	385	411	909156	26	25	4A3¼	(4E4)
P	411	427	909157	16	14	4A3¼	

C.A.M.C. 1981 - E - 5

Metres

FAULT

DDH FAG4076 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	10 1	10 5	NIP					no recovery - at top of DDH
F	15 0	119 2	3B1					mod. brken to heavily brken
F	15 0	119 2	1X1D					much incipient bxiation
F	119 2	127 4	2X1					intact w/ many bxa zones
								looks like fault bxa
								contacts INO
F	126 8	127 4	3X1					main bxa zone - sulph.
								matrix w/ frags of 4AO,
								1QQO, 4EO
F	127 4	128 0	RX1					rubble zones / possibly
F	128 8	129 5	RX1					leached bxas / local
F	133 5	134 0	R1X1					sulphide in sulph bxas
F	134 0	136 1	3D1					heavily ductile flow bxiated
								4DO frags in sulph matrix
F	136 1	137 2	D1					heavily microbxiated
F	137 9	142 8	X12B					minor bxa / mod brken
F		142 8	1G					gouge @ 45° Core Axis
F		146 2	1F					fault @ 40° C.A.
	146 2	161 5	3B1					very broken
	160 0	161 5	G1		9 9 9 9 9			upper cnt 11 S_2
								lower cnt cuts S_2
	161 7	161 9	1G					INO gouge
	163 0	161 5	G1					gouge
	164 0	161 5	NIP1					washout - no core

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

DIAMOND DRILL RECORD

LOGGED BY JOCK HOWARD

D.D.H. Nº 76-U-76 PAGE 1

PROPERTY VANGORDA GRUM

CLAIM Nº

LATITUDE 10602.158 STARTED MAY 7, 1976

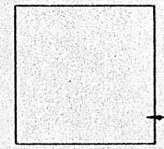
DEPARTURE 7731.638 COMPLETED May 8, 1976

ELEVATION 1175.064 PROPOSED DEPTH

ULTIMATE DEPTH 65.5

HOLE SURVEY:

DEPTH	BEARING	DIP
0	169° 08'	+5° 40'



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	3.7	QUARTZ SERICITE PHYLLITE (S)	3.7												
		Dark gray, fine grained, F_1 sub parallel to F_2 with pyrite													
		stringers within F_2. $F_1 + F_2 = 0°$. Py < 1%.													
3.7	5.1	BLEACHED PHYLLITE (Sbm).													
		Variously white, pale yellow, green; fine grained; struc-	1.4												
		ture as previous. Upper contact sharp at 55° and fault													
		gouge.													
		3.7-4.3: Fault gouge.													
5.1	9.2	QUARTZ SERICITE PHYLLITE (S)	4.1												
		Dark gray; fine grained; F_1 sub parallel to F_2 (?). F_2 @													
		15-20° with cross-cutting tension cracks.													
		6.8-7.2: Breccia zone Qxs-quartz fragments in phyllite													
		groundmass.													
		7.2-9.2: Per general description but core is broken and													
		blocky. Py ~1%													

LOGGED BY _____ D.D.H. NO 76-U-76 PAGE 2

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
9.2	27.4	QUARTZ SULPHIDES (PF).															
		Dark gray; fine grained phyllite with blebs of sulphides in															
		quartz; sulphides confined to F_2 @ 0-20°.															
		12.2-12.6: Traces of graphite and-1% PbZn.															
		13.1: Traces of galena.															
			5	Tr	9.7		9.2	18.3	9.1								
			15	1	2.8	2624	18.3	21.1	2.8	0.30	1.20	8.91					
			15	Tr.	6.3		21.1	27.4	6.3								
27.4	42.7	QUARTZ SULPHIDES (P).															
		Variously brassy to white; fine grained; low angle	55	10	1.5	2625	27.4	29.3	1.9	3.90	5.00	50.40			7.41	9.50	95.76
		bands of F_1 sulphides-25-30°. Section of massive	50	14	1.2	2626	29.3	30.5	1.2	5.15	7.05	83.66			6.18	8.46	100.392
		sulphides. Sections of high grade PbZn within	45	14	1.5	2627	30.5	32.0	1.5	4.60	5.85	73.71			6.90	8.775	170.565
		and without massive sections.	40	15	0.8	2628	32.0	32.8	0.8	6.92	10.21	86.74			5.536	8.168	69.392
			30	8	1.4	2629	32.8	34.3	1.5	4.30	5.10	57.60			6.45	7.65	86.4
			25	25	2.0	2630	34.3	36.4	2.1	12.04	12.77	183.43			25.284	26.817	385.203
			30	5	2.0	2621	36.4	38.5	2.1	2.70	1.60	40.46					
			20	Tr.	2.5	2632	38.5	41.1	2.6	1.95	1.15	32.23					
			20	1	1.4	2633	41.1	42.7	1.6	1.20	0.25	20.23					
						W.Av.	27.4	36.4	9	6.42	7.71	94.19			57.76	69.37	847.712
						W.Av.	32.0	36.4	4.4	8.47	9.69	122.95			37.270	42.635	540.995

LOGGED BY _____ D.D.H. Nº 76-U-76 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
42.7	65.5	QUARTZ SERICITE PHYLLITE (S).	20.0/22.8												
		Dark gray; fine grained; F_1 sub parallel or parallel F_2-													
		F_2 @ 25°. Scattered Pyrite stringers parallel F_2 -1%.													
		44.7-60.0: Introduction of calcite stringers-10%. Calcite													
		is found both parallel to F_2 and in cross-cutting veinlets.													
		60.0-61.5: Fault gouges-core is blocky and muddy.													
		61.5-65.5: As per 44.7-60.0													
	65.5	END OF HOLE. WASH OUT.													

DDH: FAGU076 -- 132 DEGREE PROFILE

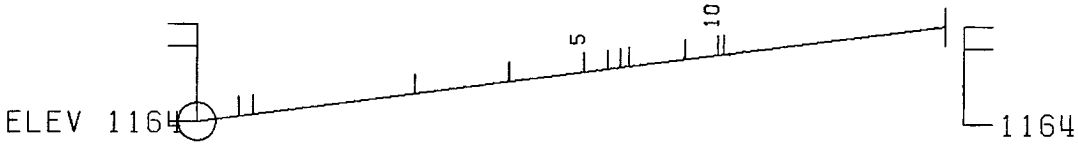
(VIEW AZIMUTH = 42 DEGREES)

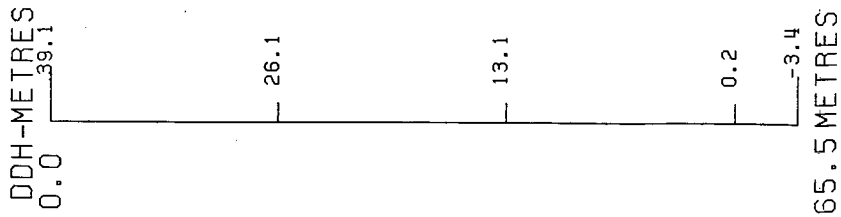
ELEV: 1164 592427E ; 904808N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 672.1 Z = 1164.3

SECTION NAME: 01N





CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 18 OCT 1985 3:06 PM

DDH: FAGU076 -- 132 DEGREE PROFILE

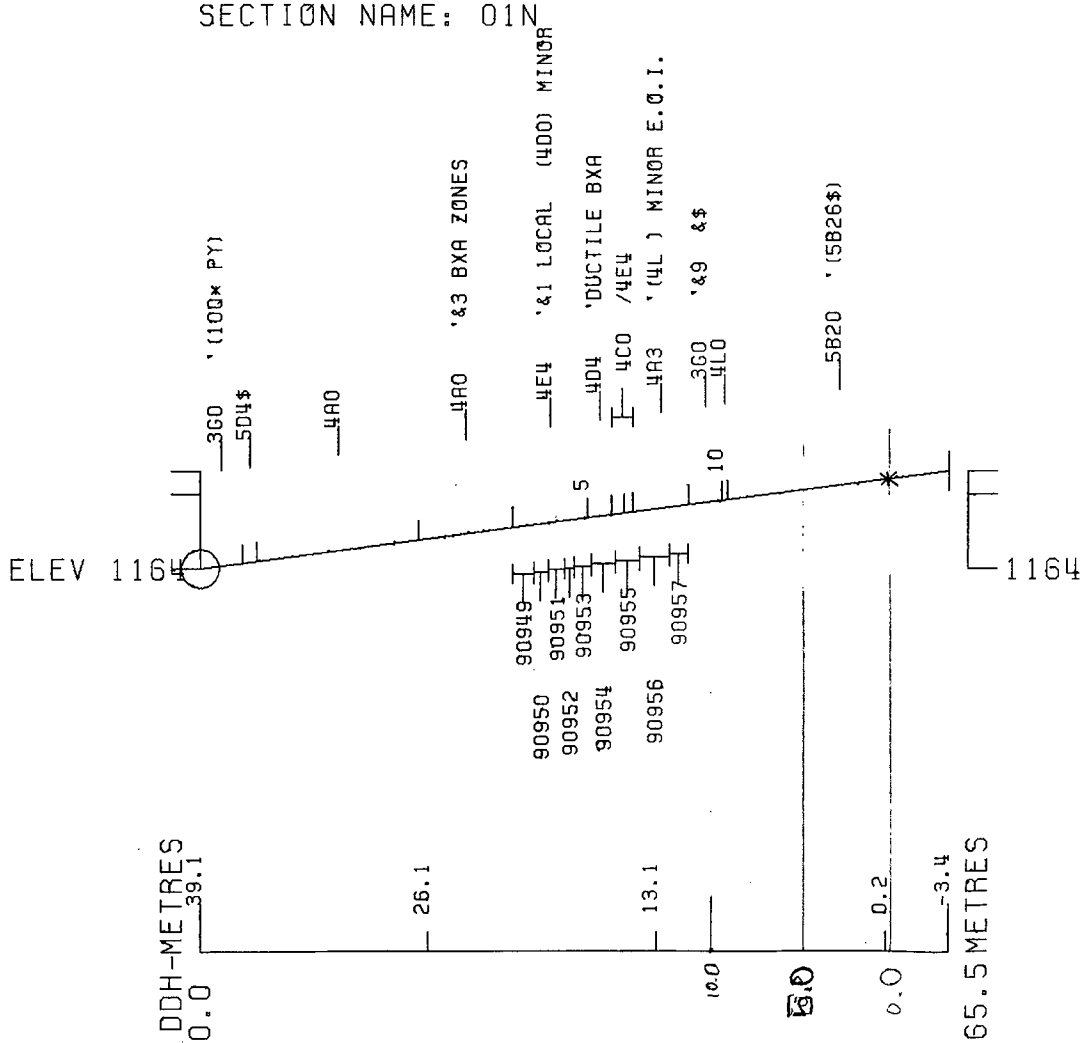
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1164 592427E.; 904808N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 672.1 Z = 1164.3

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 18 OCT 1985 3:06 PM

DRILL HOLE : FAGU079
NORTHING : 905,045.3
EASTING : 592,186.2
ELEVATION : 1,114.5
TOTAL DEPTH : 97.5
SECTION : W 78
R.F.E. : S2
RFE DIRECTION: 50
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	28
NOS DOWN-H-SURVEYS:	3
NOS DOWN-H-LITHOLOGY:	40
NOS DOWN-H-STRUCTURE:	18
NOS DOWN-H-FAULTS:	16
NOS DOWN-H-SPLINES:	3
NOS COMPOSITES:	0

DDH: FAGU079 UTM-N: 905,045.3 UTM-E: 592,186.2 UTM-ELEV: 1,114.5 TOTAL DEPTH: 97.5 SECTION: W 78
RFE: S2 RFE DIR: 50 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.5	11841	2.5	2.0	4A0	3.18	.08	1.30	.91	21.00		.81		11	12						
2.5	4.9	11842	2.4	2.2	4A0	2.99	.05	.46	.23	11.00		1.64		5	6						
4.9	6.4	11843	1.5	1.4	4A4	3.04	.04	3.70	3.20	44.00		1.51		5	5						
6.4	7.8	11844	1.4	1.4	4A4		.02	3.16	2.60	34.00											
7.8	9.3	11845	2.0	2.0	4A4	3.06	.02	2.70	2.39	30.99		2.19		5	5						
9.8	11.8	11846	2.0	2.0	4A0	2.95	.02	3.10	1.05	30.99		2.74		4	5						
11.8	13.8	11847	2.0	2.0	4A0	3.18	.04	2.39	.65	27.99		1.51	1	13	14						
13.8	15.4	11848	1.6	1.6	4A0	3.08	.05	.94	.41	27.00		.40	1	11	12						
15.4	16.7	11849	1.3	1.3	4A0	3.31	.10	.90	.52	19.00		1.70	1	13	14						
16.7	18.2	11850	1.5	1.5	4A4	3.12	.11	3.29	5.70	41.00	30.99	1.16	1	10	12						
18.2	19.7	11851	1.5	1.5	4A0	3.16	.08	2.60	1.37	33.00		1.30		11	12						
19.7	21.7	11852	2.0	2.0	4A4	3.18	.14	3.79	5.29	51.00		1.98	1	10	12						
21.7	23.0	11853	1.3	1.3	4A0	3.00	.07	1.65	.45	25.00		1.30		7	8						
23.0	25.0	11854	2.0	1.9	4A4	3.06	.08	3.89	4.29	50.00		1.03	1	5	6						
25.0	27.0	11855	2.0	2.0	4A4	3.22	.08	2.50	3.60	40.00		1.10		11	12						
27.0	29.1	11856	2.1	2.1	4A4	2.91	.16	5.09	5.00	96.00		2.19	1	18	19						
29.1	31.2	11857	2.1	2.1	4A4	3.56	.14	3.70	4.29	70.00		1.91	1	18	19						
31.2	33.2	11858	2.0	1.7	4E4	4.29	.22	1.83	3.20	34.00		1.51	1	34	36						
33.2	35.2	11859	2.0	1.9	4E4	4.61	.31	3.79	5.00	63.99		1.64	1	35	37						
35.2	36.5	11860	1.3	.8	4E4	4.67	.28	4.29	10.00	97.00	93.00	2.19	2	28	31						
64.7	66.6	11861	1.9	1.9	4H2	3.64	.08	4.50	7.70	65.00		.27	11	10	21						
66.6	68.6	11862	2.0	2.0	4EH	4.06	.23	6.29	11.09	100.00		.47	9	17	27						
68.6	70.6	11863	2.0	2.0	4E4	4.63	.24	8.80	12.50	145.00		.62	3	26	29						
70.6	72.6	11864	2.0	2.0	4E4	4.34	.14	5.40	7.99	106.00		.75	1	23	25						
72.6	74.6	11865	2.0	2.0	4E46	4.54	.26	4.90	8.10	116.99		1.85		22	23						
74.6	76.6	11866	2.0	1.9	4E4	4.50	.20	4.59	6.70	112.99		1.85		26	27						
76.6	78.4	11867	1.8	1.8	4EG4	4.42	.14	5.79	9.80	126.99		2.81	1	24	25						
78.4	80.1	11868	1.7	1.6	4D7	3.20	.08	1.97	3.20	39.00		.47	3	7	11						
WEIGHTED AVERAGE																					
.0	36.5		36.5	34.7		3.20	.10	2.74	2.94	42.09	4.58	1.51	1	13	14						
64.7	80.1		15.4	15.2		4.18	.17	5.34	8.47	102.62		1.13	4	20	24						

DDH: FAGU079 UTM-N: 905,045.3 UTM-E: 592,186.2 UTM-ELEV: 1,114.5 TOTAL DEPTH: 97.5 SECTION: W 78
RFE: S2 RFE DIR: 50 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	119.800	218.400
45.700	124.800	228.000
96.000	131.000	229.000

DDH: FAGU079 UTM-N: 905,045.3 UTM-E: 592,186.2 UTM-ELEV: 1,114.5 TOTAL DEPTH: 97.5 SECTION: W 78
RFE: S2 RFE DIR: 50 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.9	0001	4A0		0.5-	1
7.8	0002	4A4		0.5-	1
15.4	0003	4A0	(4A4) AT TOP	0.5-	1
16.7	0004	4A4	(4A43)	0.5-	1
19.7	0005	4A0	(4A4) AT TOP	0.5-	1
20.6	0006	4A4		0.5-	1
23.0	0007	4A0		0.5-	1
29.1	0008	4A4	(4A4 PHYLLITIC)	0.5-	1
30.0	0009	4A0		0.5-	1
31.2	0010	4A4		0.5-	1
31.5	0011	4A31	(4C5) MINOR	0.5-	1
36.2	0012	4E4	(4A3) (4E4#) MINOR	0.5-	1
36.5	0013	4E64		0.5-	1
46.2	0014	5A$	-> 5B2$ LOCALLY	0.5-	1
47.8	0015	5B62		0.5-	1
52.9	0016	5B62		0.5-	1
58.7	0017	5B62		0.5-	1
61.4	0018	5B62	BXA	0.5-	1
62.2	0019	4H2		0.5-	1
64.7	0020	5A6	(5A69)	0.5-	1
65.5	0021	4H2		0.5-	1
66.3	0022	5B6	(4H) BXA	0.5-	1
66.6	0023	4A0	BXA	0.5-	1
67.7	0024	4H0	BXA	0.5-	1
70.4	0025	4E4	BXA	0.5-	1
70.6	0026	5D4@		0.5-	1
71.9	0027	4E4		0.5-	1
75.6	0028	4E46	(4G4)	0.5-	1
77.2	0029	4E4	BXA	0.5-	1
77.6	0030	4G4		0.5-	1
77.8	0031	4E4		0.5-	1
78.0	0032	4G4		0.5-	1
78.4	0033	4E4	-> 4F4 BUCKSHOT	0.5-	1
78.6	0034	5D4*		0.5-	1
80.1	0035	4D7	BX A	0.5-	1
80.2	0036	5B62	GOUGE	0.5-	1
80.5	0037	5B62		0.5-	1
80.7	0038	5B62	GOUGE	0.5-	1
83.3	0039	5B62		0.5-	1
97.5	0040	5D0	(5D3)	0.5-	1

DDH: FAGU079 UTM-N: 905,045.3 UTM-E: 592,186.2 UTM-ELEV: 1,114.5 TOTAL DEPTH: 97.5 SECTION: W 78
RFE: S2 RFE DIR: 50 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU079	0.0	2.4	CS2	Z	0	0	50	0	50	50	0	1	1	1
FAGU079	0.0	3.5	CS2	Z	0	0	40	0	65	50	0	1	1	1
FAGU079	0.0	10.8	CS2	Z	0	0	30	0	60	50	0	1	1	1
FAGU079	0.0	14.7	CS2	Z	0	0	30	0	60	50	0	1	1	1
FAGU079	0.0	20.0	CS2	S	0	0	15	0	35	230	0	1	1	1
FAGU079	0.0	25.0	CS2	Z	0	0	0	0	50	230	0	1	1	1
FAGU079	0.0	28.9	CS2	S	0	0	30	180	65	50	0	1	1	1
FAGU079	0.0	33.0		P	0	0	0	0	50	50	0	1	1	1
FAGU079	0.0	39.2	CS2	Z	0	0	70	0	50	50	0	1	1	1
FAGU079	0.0	43.6	CS2	Z	0	0	60	0	55	50	0	1	1	1
FAGU079	0.0	47.0	CS2	Z	0	0	60	0	45	50	0	1	1	1
FAGU079	51.6	67.7	BXA		0	0	0	0	0	50	0	1	0	0
FAGU079	0.0	73.1		P	0	0	0	0	60	230	0	1	1	1
FAGU079	0.0	78.2		P	0	0	0	0	25	230	0	1	1	1
FAGU079	0.0	85.7	CS2	Z	0	0	50	180	20	230	0	1	1	1
FAGU079	0.0	89.2	CS2	Z	0	0	40	0	40	50	0	1	1	1
FAGU079	0.0	91.2	CS2	S	0	0	30	0	30	230	0	1	1	1
FAGU079	0.0	95.3	CS2	Z	0	0	80	180	50	230	0	1	1	1

DDH: FAGU079 UTM-N: 905,045.3 UTM-E: 592,186.2 UTM-ELEV: 1,114.5 TOTAL DEPTH: 97.5 SECTION: W 78
RFE: S2 RFE DIR: 50 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU079	47.8	52.9	1XQ			0	0	0	0	0	0	1
FAGU079	54.4	55.0	X			0	0	0	0	0	0	1
FAGU079	57.6	58.2	X			0	0	0	0	0	0	1
FAGU079	52.9	58.7	2XQ			0	0	0	0	0	0	1
FAGU079	58.7	61.4	3X			0	0	0	0	0	0	1
FAGU079	61.4	62.2	SX			0	0	0	0	0	0	1
FAGU079	62.2	64.7	X			0	0	0	0	0	0	1
FAGU079	64.7	65.5	XD			0	0	0	0	0	0	1
FAGU079	65.5	66.3	XD?			0	0	0	0	0	0	1
FAGU079	66.3	66.6	XD?			0	0	0	0	0	0	1
FAGU079	66.6	67.7	XD?			0	0	0	0	0	0	1
FAGU079	67.7	70.4	XD?			0	0	0	0	0	0	1
FAGU079	75.6	77.2	XQ			0	0	0	0	0	0	1
FAGU079	78.6	80.1	XQ			0	0	0	0	0	0	1
FAGU079	80.1	80.2	G			0	0	0	0	99	999	1
FAGU079	80.5	80.7	G			0	0	0	0	0	0	1

DDH: FAGU079 UTM-N: 905,045.3 UTM-E: 592,186.2 UTM-ELEV: 1,114.5 TOTAL DEPTH: 97.5 SECTION: W 78
RFE: S2 RFE DIR: 50 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU079	1	2
FAGU079	2	2
FAGU079	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU 079

Project: GRUM RELOG

Location: 78 W.

Claim: _____

UTM ~~Terr.~~ Plane Co-ords.: 905045.3 N

Conversion of K-A grid: 592186.2 E

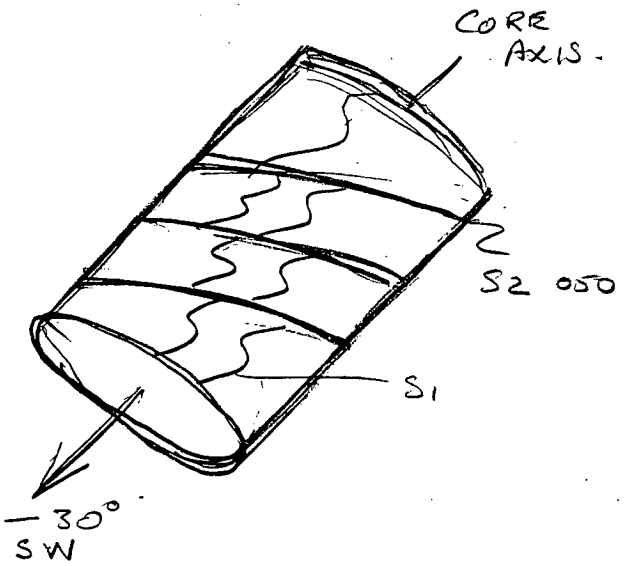
Grid Co-ords.: _____

Inclination: _____

Elevation: 1114.5 m.

Total Depth: 97.5 m

Fabric Orientation Diagram:



All symmetry determinations looking NW with S2 dipping NE. with dip azimuth 050.

Purpose: GRUM U/G.

Logged by: DSJ Date(s) Logged: 17 SEPT 81

Drilling Contractor: CAM/McCUTCH

Core:	Size	From	To
	BQ	0	97.5

Collar Cased and Capped: ____

Started: 15 MAY 76 Completed: 16 MAY 76

Cyprus Anvil Mining Corp.

DDH FAGU079 (2 8)

Diamond Drill Core Log Date: 11 SEP 81 Logged By: DSJ

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	FAGU079	1111.5	9050451.3	591218612	METRES	S2	

119.85

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments (218.4 for True North)
1	2 8	10 14	22 26	28 32	34 56
R	FAGU079	000	119.9	216.8	AT COLLAR
R	FAGU079	457	124.8	218.0	SPERRY MAG
R	FAGU079	960	131.0	219.0	

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

DDH EAG-4079 (2 8) Cyprus Anvil Mining Corp. Page 3 of 6

Lithologic Log Date: 17 Sept 81 Logged By: [signature]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	00	49		1	4AQ	
L	49	78		2	4A4	
L	78	154		3	4AQ	(4A4) AT TOP
L	154	167		4	4A4	(4A43)
L	167	197		5	4AQ	(4A4) AT TOP
L	197	206		6	4A4	
L	206	230		7	4AQ	
L	230	291		8	4A4	(4A4 phyllitic)
L	291	300		9	4AQ	
L	300	312		10	4AH	
L	312	315		11	4A31	(4C5)
L	315	362		12	4E4	w/ 4A3 31.8-32.0 & 4E4* calcitic 33.1-33.4
L	362	365		13	4E64	not true 4G < 10% BaSO4
L	365	462		14	5A*	wkly dolomitic w/ thin cream colored dol. laminae; approaching 5B2* in places
L	462	478		15	5B62	w/ striped appearance due to graph. foliae
L	478	527		16	5B62	less carb./graph than 15 w/ incipient bxiation & hairline qtz-CO_3 veinlet networks
L	529	587		17	5B62	bxiated & incipiently bxiated w/ qtz-CO_3 py stockworks & hairline vein networks; ~~than~~ qtz-CO_3-py healed bxia zones 54.4-55.0 & 57.6-58.2M bxiation clearly post-D_2
L	587	614		18	5B62	BXIA w/ lenticular heterolithic 5B62 clasts floating in a non-calc. light/med grey "rock flour" matrix; both framework & matrix supported; no intrusive material evident — possible diatreme??
L	614	622		19	4H2	strongly foliated, sheared v.f. chlorite po+py w/ thin bxia bands of FeS_2 & contacts of sulfides
L	622	647		20	5A69	(5A69) bxiated & partially healed by dol. & po
L	647	655		21	4H2	w/ finely chlorite greenish py & fol'n &

DDH FAG.U.079 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 17 Sept 81 Logged By: DSJ

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
						numerous rotated clasts of 5B62 & qtz-$CO_3^=$
L	655	663		22	5B6	/4H; Bxia, heterolithic; brownish gray, non-calc, variably sulfidic heterolithic bxia of 5B6, 4LO, 4CO and qtz-CO_3 ∡ular frags in rk & sulfide flour & sometimes po matrix; also 4H frags in bxia — diatreme?? — no intrusive material healing bxia
L	663	666		23	4AO	bxia w/in bxia of #22/24
L	666	677		24	4HO	bxia c.f. #22 w/ predominance of po+py (marcasite??) matrix w/ heterolithic clasts "floating" in sulf. dominant matrix
L	677	704		25	4E4	minor cse bxia w/ 4E clasts in PbS-ZnS-py matrix; 68.6-68.8 ≡ 5B6 bxia as #22
L	704	706		26	5D4*	ankeritic 2-5% fuchsite
L	706	719		27	4E4	
L	719	756		28	4E46	(4G4); barite disseminated thru-out interval generally < 10%
L	756	772		29	4E4	much of interval bxiated & healed by $CaMg(CO_3)_2$
L	772	776		30	4G4	
L	776	778		31	4E4	
L	778	780		32	4G4	
L	780	784		33	4E4	⟹ 4F4 buckshit
L	784	786		34	5D4*	strongly fuchsitic see assays
L	786	801		35	4C7D	bxia commonly qtz-$CO_3^=$ healed
L	801	802		36	5B62	gouge; upper contact indeterminate lower contact gouge ≈ $11S_2$ artifact??
L	802	805		37	5B62	
L	805	807		38	5B62	gouge; upper & lower contacts indeterminate
L	807	833		39	5B62	
L	833	975		40	5DO	(5D3)

DDH FAGU079 (2 8)

Cyprus Anvil Mining Corp.
Structural Log

Date: 17 Sept 81 Logged By: DSF

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		24	CS,2	Z		50 050	50 050	S, steeper than S_2
S		35	CS,2	Z		40 050	65 050	
S		408	CS,2	Z		30 950	60 050	
S		447	CS,2	Z		30 950	60 050	
S		200	CS,2	S		15 230	35 230	
S		250	CS,2	Z			50 230	S_2 may be horiz ∴ sym. NFG
S		289	CS,2	S		30 230	65 050	
S		330		R			50 050	
S		392	CS,2	Z		70 050	50 050	
S		430	CS,2	Z		60 050	55 050	
S		470	CS,2	Z		60 050	45 050	
S	516	677	BX,A					BXA ∴ no attitudes / symmetry
S		731		R			60 230	Dip direct. uncertain
S		782		R			25 230	
S		857	CS,2	Z		50 050	20 230	
S		892	CS,2	Z		40 050	40 050	S, steeper than S_2
S		912	CS,2	S		30 230	30 230	S, " " "
S		953	CS,2	Z		60 050	50 230	

DDH FAGU079 Cyprus Anvil Mining Corp

Page 6 of 6

Logged by [illegible]

ASSAY LOG (SAMPLER'S COPY)

Date 17 Sept. 81 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	00	25	11841	25	20	4A0	
P	25	49	11842	24	22	4A0	
P	49	64	11843	15	14	4A4	
P	64	78	11844	14	14	4A4	
P	78	98	11845	20	20	4A~~0~~	4 see assays
P	98	118	11846	20	20	4A0	
P	118	138	11847	20	20	4A0	
P	138	154	11848	16	16	4A0	
P	154	167	11849	13	13	4A4	
P	167	182	11850	15	15	4A~~0~~4	see assays
P	182	197	11851	15	15	4A0	
P	197	217	11852	20	20	4A4	
P	217	230	11853	13	13	4A0	
P	230	250	11854	20	19	4A4	
P	250	270	11855	20	20	4A4	
P	270	291	11856	21	21	4A4	
P	291	312	11857	21	21	4A~~0~~4	
P	312	332	11858	20	17	4EA4	
P	332	352	11859	20	19	4E4	
P	352	365	11860	13	08	4E4	(4E46)
							4H2
P	647	666	11861	19	19	~~5B69~~	(4H2)(4A0)
P	666	686	11862	20	20	~~4E4~~	4EH
P	686	706	11863	20	20	4E4	(5D4*)
P	706	726	11864	20	20	4E4	(4E46)
P	726	746	11865	20	20	4E46	
P	746	766	11866	20	19	4E4	
P	766	784	11867	18	18	~~4E4~~	(4G4) 4EG4
P	784	801	11868	17	16	4~~C~~7	(5D4*) see assays
						D	

Meters

FAULT

DDH FAGU079 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: 6 Oct/83 Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1417 8	1529	1 1 X 1 Q					incipient bxiations & hairline qtz-CO_3 veinlet networks
F	1529	1587	2 1 X 1 Q					bxiated & incipiently bxiated w/ qtz-CO_3-py stockworks & hairline vein networks
F	1514 4	1550	X 1					? qtz-CO_3-py healed bxa
F	1576	1582	X 1					S zones bxiation post D_2
F	1587	1614	3 1 X 1					BXA angular heterolithic SBGz clasts in non-calc, light-med. grey rock flour matrix
F	1614	1622	5 1 X 1					sheared w/ thin bxa bands $\parallel S_2$ & contacts of sulphides
F	1622	1647	X 1					bxiated & partly healed by dol & po
F	1647	1655	X 1 D 1					numerous rotated clasts of SBGz & qtz-CO_3
F	1655	1663	X 1 D_1?					heterolithic bxa of SBG, 4CO, 4CO, & qtz-CO_3 angul. clasts in rock & sulfide flour
F	1663	1666	X 1 D_1?					bxa w/in bxa
F	1666	1677	X 1 D_1?					heterolithic clasts floating in sulfide dominant matrix
F	1677	1704	X 1 D_1?					minor coarse bxa of 4E clasts in PbS-ZnS-py matrix
F	1756	1772	X 1 Q 1					bxiated & healed by dol.
F	1786	1801	X 1 Q 1					bxa — commonly qtz-CO_3 healed
F	1801	1810 2	G 1				9 9 9 9 9	gouge, upper cnt $\parallel S_2$
F	1810 5	1810 7	G 1					IND

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D.D.H. Nº 76-U-79 PAGE 1

PROPERTY GRUM JOINT VENTURE

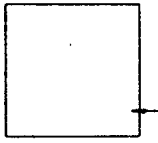
LATITUDE 10 841.867 3N STARTED MAY 15, 1976

DEPARTURE 7494.408 78W COMPLETED MAY 16, 1976

ELEVATION 1125.110 M PROPOSED DEPTH

ULTIMATE DEPTH 97.5m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	218° 23'	-29° 51'
45.7m	227	-35°
96.0m	228	-41°



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

CLAIM Nº

TOTAL CORE RECOVERY: 94.6%.

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	30.5	GRAPHITIC QUARTZ PHYLLITE W?SULPHIDE (Pg). Compe-	15	5	0.9	2743	0	1.5	1.5	1.37	1.00	18.17					
		tent. Foliation=60° (F_2); F_1 =0-3° and off setted	15	4	1.4	2744	1.5	3.0	1.5	0.44	0.24	8.91			0.68	PbZn	
		by F_1 -ex. 2.6 local concentration of Sph generally	10	3	1.4	2745	3.0	4.6	1.6	0.50	0.14	9.94			0.64	PbZn	
		following F_2. Py prominently following F_1 in fold	20	6	1.3	2746	4.6	6.1	1.5	3.40	1.78	35.31			5.10	2.67	52.965
		noses. Fold noses @: 13.5; 15; 18.3;	25	6	1.5	2747	6.1	7.6	1.5	2.93	2.63	30.17			4.395	3.945	45.255
30.5	32.0	TRANSITIONAL ZONE BETWEEN GRAPHITIC-QTZ-SULF-PHYLL.	25	6	1.5	2748	7.6	9.1	1.5	3.15	1.30	32.22			4.725	1.95	48.33
		(PG) AND MASS. SULFIDE ZONE (M). Foliation and	20	6	1.5	2749	9.1	10.7	1.6	3.10	1.00	29.14			4.96	1.60	46.24
		bands=40°. Sulfide bands gradually thickening	30	7	1.5	2750	10.7	12.2	1.5	1.53	0.30	19.20			2.295	0.45	28.8
		towards end of run.	35	5	1.4	2751	12.2	13.7	1.5	1.25	0.26	28.45			1.875	0.39	42.675
		30.6-30.9: Broken grd. No clay materials but core	25	4	1.5	2752	13.7	15.2	1.5	0.73	0.38	16.11			1.095	0.57	24.165
		is angular to Sub-angular=2-4cm.	30	8	1.5	2753	15.2	16.8	1.6	2.88	3.45	31.20			4.61	5.52	49.92
32.0	36.6	MASSIVE SULFIDE(M). Generally competent except for	15	6	1.4	2754	16.8	18.3	1.5	2.60	1.32	29.14			3.90	1.98	43.71
		a short interval (=20cm) of Saccharoidal Py. Com-	15	5	1.5	2755	18.3	19.8	1.5	1.89	1.56	23.31			2.835	2.34	34.965
		positional banding=85°.	15	6	1.5	2756	19.8	21.3	1.5	2.38	2.86	26.40			3.57	4.29	39.6
		33.1-33.1: Sugary Py, very friable.	20	6	1.5	2757	21.3	22.9	1.6	1.85	0.63	24.34			2.96	1.008	38.944
		36.5: Banding changes to =75°.	15	8	1.5	2758	22.9	24.4	1.5	4.35	4.40	48.34			6.525	6.60	72.51

LOGGED BY ALEXANDER YOUNG PO D.D.H. NO 76-U-79 PAGE 2

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay R Pb	Assay R Zn	Assay R Ag
36.6	64.0	GRAPHITIC PHYLLITE (G). Some parts competent,but	30	15	1.4	2760	25.9	27.4	1.5	3.65	4.40	58.62			5.475	6.60	87.93
		other short runs are very fissile. Foliation=45-	30	+15	1.3	2761	27.4	29.0	1.6	5.20	4.95	89.82			8.32	7.92	143.71
		50° (F 2). F 1 =0-5°. Sporadic sulfide clots.	40	15	1.4	2762	29.0	30.5	1.5	2.30	2.54	45.25			3.45	3.81	67.875
			55	8	1.0	2763	30.5	32.0	1.5	2.70	3.06	48.34			4.05	4.59	72.51
		47.2-47.5: Fold nose.	75	6	0.9	2764	32.0	33.5	1.5	4.68	7.45	62.40			7.02	11.175	93.6
		53.3-56.4: Bx..Zone. Black phyllite fragments	75	5	1.6	2765	33.5	35.1	1.6	2.43	2.10	40.45			3.888	3.36	64.72
		angular 1-2cm cemented by quartz and some intersti-	70	4	1.3	2766	35.1	36.6	1.5	5.00	9.28	95.65			7.50	13.92	143.98
		tial sulfides.			27.0		36.6	64.0	27.4								
		61.5-61.8: Massive Pyrrh. bands. Trace of Sph.	30	Tr.													
		64.0: Gradual change to Quartz-Sulfide (P).															
64.0	67.1	QUARTZ-SULPHIDE (P). Competent. Prominent Po bands.	Cpy.														
		in sporadic blebs. Foliation=40°. F 1 not distinct	30	6	1.5	2767	64.0	65.5	1.5	6.16	8.64	70.62			9.24	12.96	105.93
		Yellowish-green stain along cavity walls - asso.w/	35	8	1.6	2768	65.5	67.1	1.6	3.90	7.14	54.51			6.24	11.424	87.216
		clayey material (pyromorphite?) @ 65.0. Barite	35	8	1.5	2769	67.1	68.6	1.5	8.24	13.78	111.14			12.36	20.67	169.71
		prisms in vugs.	70	8	1.4	2770	68.6	70.1	1.5	9.10	13.22	132.00			13.65	19.83	198.0
		67.1: Gradual change to Massive Sulfides (M).	75	12	1.4	2771	70.1	71.6	1.5	7.92	8.52	127.20			11.88	12.78	190.8
67.1	79.2	MASSIVE SULFIDES (M). Competent. Calcite stringers	80	8	1.6	2772	71.6	73.2	1.6	6.18	9.34	115.88			9.888	14.944	185.41
		in random orientation. Small run of bx'ted sulfides	75	12	1.5	2773	73.2	74.7	1.5	5.31	7.67	118.97			7.965	11.505	178.46
		Compositional bands=45-50°.	75	10	1.5	2774	74.7	76.2	1.5	5.35	7.18	114.85			8.025	10.77	172.28
		70.5-70.7: Bleached phyllite (Sb). Greenish	75	10	1.5	2775	76.2	77.7	1.5	4.28	6.72	95.65			6.42	10.08	143.48
		white with thin sulfide laminae.	70	12	1.5	2776	77.7	79.2	1.5	6.57	10.25	110.05			9.855	15.375	165.08
		71.7-71.9: Sulfide Py Angular Sulfide fragments (															

LOGGED BY ALEXANDER YOUNG PO D.D.H. NO 76-U-79 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		cemented by cryto x'lline sulfides and calcite. Cockade		W.Av.	1.5	4.6	3.1	0.66	PbZn						
		structure.		" "	4.6	10.7	6.1	3.14	1.66	31.68			19.180	10.165	193.17
		78.3-78.5: Bleached phyllite 9Sb). Green fuchsite promi-		"	10.7	15.2	4.5	1.17	0.31	21.25			5.265	1.41	95.640
		nent together with sulfide clots.		" "	16.8	22.9	6.1	2.17	1.57	25.77			13.265	9.618	157.22
					15.2	22.9	7.7	2.32	1.97	26.90			17.88	15.14	207.14
		79.2: Contact with Graphitic Phyllite (sg). Broken ground		" "	22.9	29.0	6.1	4.14	4.39	59.81			25.27	26.82	364.82
		marked by bull quartz.			29.0	32.0	3.0	2.50	2.80	46.79					
					22.9	32.0	9.1	3.60	3.87	55.5			7.50	8.40	140.39
79.2	83.5	GRAPHITIC PHYLLITE (Sg). Plenty of broken ground intervals	3.9		79.2	83.5	4.3								
		Foliation=45°. F_1 appears to be parallel to F_2.													
		80.5-80.6: FAULT GOUGE. Black sticky clay.		W.Av.	32.0	36.6	4.6	4.00	6.18	65.61			18.408	28.455	301.80
		80.7-80.8: Shear. Plane marked by graphite flakes.													
		83.5: Sharp contact with Chlorite-calcitic phyllite (Sc+K).		W.Av.	64.0	79.2	15.2	6.28	9.23	105.02			95.534	140.338	1596.34
		Contact marked by bull quartz=40°.													
83.5	97.5	CHLORITIC-CALCITE SERICITE PHYLLITE (Sc+K).													
		Competent. Has greenishtint in groundmass. Calcite in													
		groundmass and as random stringers. Foliation=40°. F_1													
		not distinct.													
		94.5: Shear. Marked by finely ground sericite specks.													
	97.5	END OF HOLE.													

DDH: FAGU079 -- 132 DEGREE PROFILE

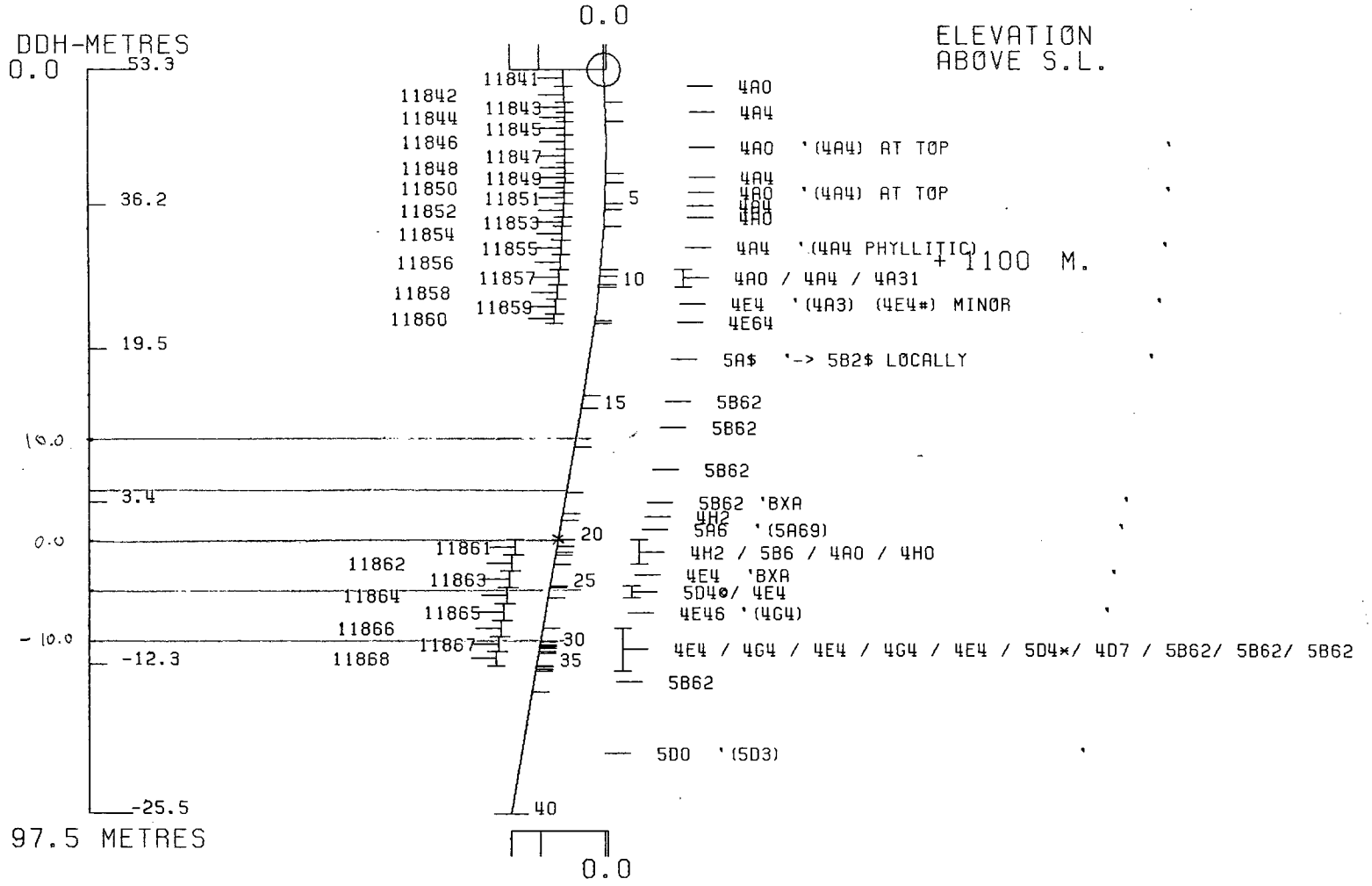
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1115 592186E ; 905045N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 334.5 Z = 1114.5

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 12 JUN 1985 1:16 PM

DDH: FAGU079 -- 132 DEGREE PROFILE

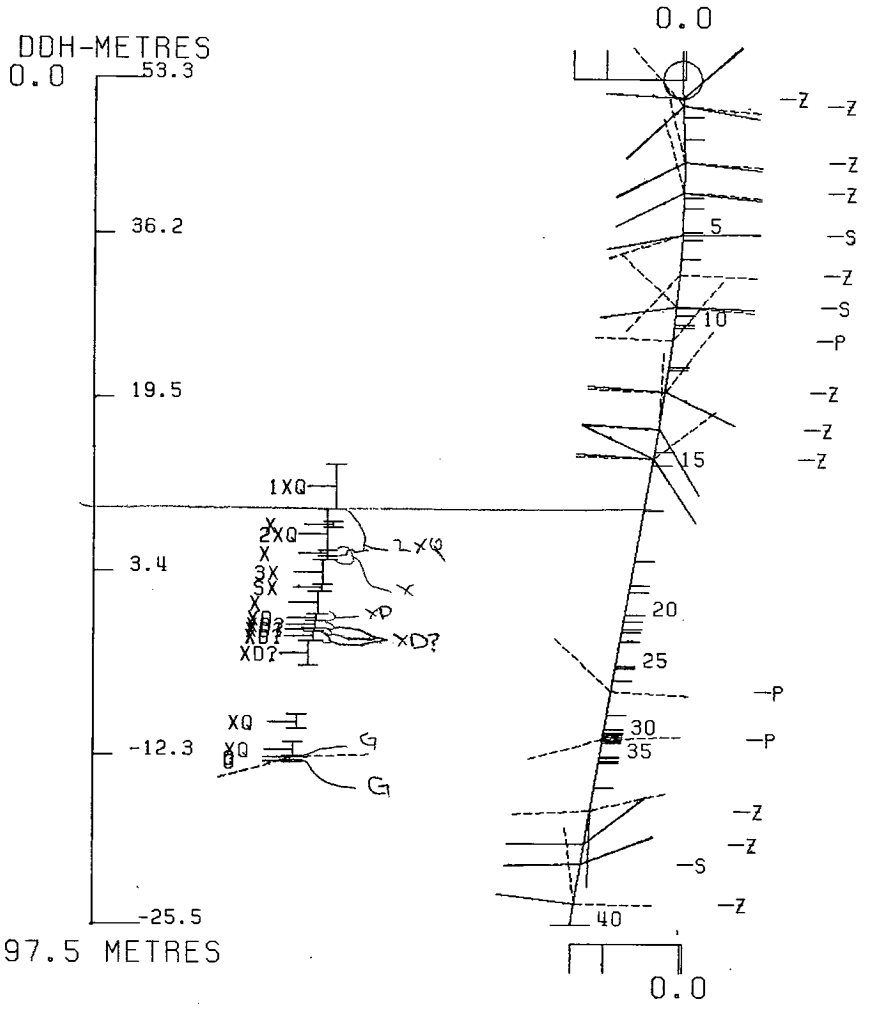
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1115 592186E ; 905045N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 334.5 Z = 1114.5

SECTION NAME: 01N



ELEVATION ABOVE S.L.

+ 1100 M.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 12 JUN 1985 1:24 PM

DRILL HOLE : FAGU121
NORTHING : 904,863.0
EASTING : 592,346.6
ELEVATION : 1,150.0
TOTAL DEPTH : 65.5
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC; 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 5
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 43
NOS DOWN-H-STRUCTURE: 20
NOS DOWN-H-FAULTS: 5
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU121 UTM-N: 904,263.0 UTM-E: 592,346.6 UTM-ELEV: 1,150.0 TOTAL DEPTH: 65.5 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.7	11121	2.7	.5	4EGC	4.28	.02	2.90	5.40	62.00		.75	1	25	26						
30.5	32.0	9C258	1.5	.0	4CO			.38	.78		9.90										
37.8	40.5	9C259	2.7	.0	4LC			.28	.50		8.20										
40.5	42.5	11122	2.0	2.0	4AO	3.57	.06	1.44	1.60	27.00		.27	1	3	4						
42.5	44.6	11123	2.1	2.1	4AO	3.56	.06	1.16	1.95	23.00		.34	1	3	5						
WEIGHTED AVERAGE																					
.0	2.7		2.7	.5		4.28	.02	2.90	5.40	62.00		.75	1	25	26						
30.5	32.0		1.5	.0				.38	.78		9.90										
37.8	44.6		6.8	4.1		2.14	.03	.89	1.27	15.04	3.25	.18		2	2						

DDH: PAGU121 UTM-N: 904,863.0 UTM-E: 592,346.6 UTM-ELEV: 1,150.0 TOTAL DEPTH: 65.5 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	150.000	224.000

DDH: PAGU121 UTM-N: 904,383.0 UTM-E: 592,346.6 UTM-ELEV: 1,150.0 TOTAL DEPTH: 65.5 SECTION: W 70
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.1	0001	4E4		0.5-	1
2.3	0002	4GC		0.5-	1
2.6	0003	4CC		0.5-	1
2.7	0004	4LC		0.5-	1
2.9	0005	5823		0.5-	1
3.2	0006	4LC		0.5-	1
4.1	0007	4AC		0.5-	1
4.3	0008	4L2		0.5-	1
5.2	0009	5AC		0.5-	1
5.5	0010	5AC		0.5-	1
6.0	0011	5A0		0.5-	1
6.2	0012	4LC		0.5-	1
6.4	0013	5AC		0.5-	1
6.7	0014	4LC	[5D4*]	0.5-	1
7.4	0015	5AC		0.5-	1
7.5	0016	4LC	[5D4*]	0.5-	1
10.1	0017	5A0	(5B62)	0.5-	1
18.2	0018	5BC6	$	0.5-	1
19.1	0019	5B6$	$ MAY BE @	0.5-	1
21.4	0020	5B0$		0.5-	1
21.6	0021	5BC$		0.5-	1
22.8	0022	5BC$		0.5-	1
24.1	0023	5B3		0.5-	1
30.5	0024	5BC2	$	0.5-	1
32.0	0025	4C0	SERICITIC	0.5-	1
33.1	0026	4LC		0.5-	1
37.5	0027	5BC2	$	0.5-	1
37.9	0028	4L5$		0.5-	1
38.7	0029	4C0	SERICITIC	0.5-	1
39.2	0030	4LC		0.5-	1
40.2	0031	4C0	SERICITIC	0.5-	1
40.3	0032	4LC		0.5-	1
40.5	0033	4L2	[4C0 SERICITIC]	0.5-	1
44.6	0034	4A0		0.5-	1
45.6	0035	4C0	SERICITIC (4L2)	0.5-	1
45.7	0036	5B6		0.5-	1
46.1	0037	4A0		0.5-	1
47.2	0038	4LC		0.5-	1
47.6	0039	4CA	4C -> 4A	0.5-	1
49.1	0040	4L2	(4L0)	0.5-	1
52.8	0041	5A19	-> 4A0	0.5-	1
56.8	0042	5BC2	$	0.5-	1
65.5	0043	5B3		0.5-	1

DDH: FAGU121 UTM-N: 904,863.0 UTM-E: 592,346.6 UTM-ELEV: 1,150.0 TOTAL DEPTH: 65.5 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU121	0.0	3.5	CS2	Z	0	0	0	0	55	230	0	1	1	1
FAGU121	0.0	6.7	PS2	P	0	0	0	0	85	230	0	1	1	1
FAGU121	0.0	10.0	CS2	S	0	0	0	0	75	230	0	1	1	1
FAGU121	0.0	14.5	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGU121	0.0	20.0	CS2	S	0	0	0	0	70	230	0	1	1	1
FAGU121	0.0	23.5	CS2	S	0	0	0	0	75	230	0	1	1	1
FAGU121	0.0	26.3	CS2	E	0	0	0	0	70	230	0	1	1	1
FAGU121	0.0	27.3	CS2	Z	0	0	0	0	45	230	0	1	1	1
FAGU121	0.0	29.5	CS2	Z	0	0	0	0	70	230	0	1	1	1
FAGU121	0.0	33.7	CS2	S	0	0	0	0	50	230	0	1	1	1
FAGU121	0.0	34.4	CS2	Z	0	0	0	0	60	230	0	1	1	1
FAGU121	0.0	37.5	CS2	Z	0	0	0	0	50	230	0	1	1	1
FAGU121	0.0	40.4	CS2	Z	0	0	0	0	60	230	0	1	1	1
FAGU121	0.0	43.7	CS2	E	0	0	0	0	55	230	0	1	1	1
FAGU121	45.7	51.8	PS2	P	0	0	0	0	45	230	0	1	1	1
FAGU121	0.0	53.8	CS2	S	0	0	0	0	50	230	0	1	1	1
FAGU121	0.0	56.7	CS2	S	0	0	0	0	50	230	0	1	1	1
FAGU121	0.0	58.0	CS2	S	0	0	0	0	45	230	0	1	1	1
FAGU121	0.0	62.5	CS2	S	0	0	0	0	50	230	0	1	1	1
FAGU121	0.0	65.0	CS2	S	0	0	0	0	40	230	0	1	1	1

DDH: FAGU121 UTM-N: 904,863.0 UTM-E: 592,346.6 UTM-ELEV: 1,130.0 TOTAL DEPTH: 65.5 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU121	5.2	5.5	G		C	0	C	C	0	0	1
FAGU121	5.5	6.0	B		C	0	C	C	0	0	1
FAGU121	18.2	19.1	G		35	320	C	C	30	220	1
FAGU121	21.4	21.6	G		70	0	C	C	99	999	1
FAGU121	45.6	45.7	GF		99	999	C	C	0	0	1

DDH: FAGU121 UTM-N: 904,863.0 UTM-E: 592,346.6 UTM-ELEV: 1,150.0 TOTAL DEPTH: 65.5 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU121	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU 121

Project: Grum Relog

Location: Section 70W

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 6904863.0 N

592346.4 E

Conversion of K-A surveyed grid co-ords

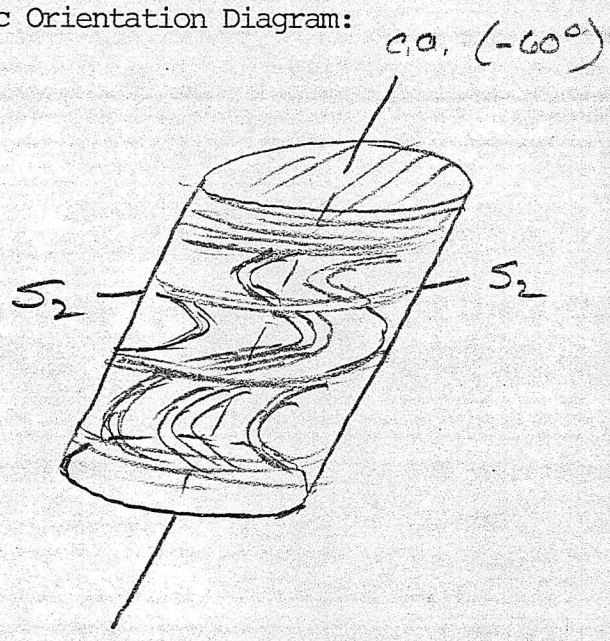
Grid Co-ords.: 70W

2N

Elevation: 1149.99

Total Depth: 65.5

Fabric Orientation Diagram:



All symmetry determinations looking NW with S_2 dipping SW with dip azimuth 230.

Purpose: Definition Drilling

Logged by: DSJ / JGS Date(s) Logged: 24 Aug. 81

Drilling Contractor: Cameron / McCutcheon

Core:	Size	From	To
	BQ	0	65.5

Collar Cased and Capped: NQ

Started: 20 July '76 Completed: 21, July '76

Cyprus Anvil Mining Corp. Page 2 of 6

DDH FAGU121 (2–8)

Diamond Drill Core Log Date: 24Aug81 Logged By: DSJ/JGS

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
	2 8	10 16	17 24	25 32	34 39	41 42
T	FAGU121	~~1149.9~~ 1150.0	9048631.0	5923461.6	METRES	52

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	FAGU121	00	150.0	224.0	AT COLLAR

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

DDH FAGU-121 (2 / 8) Cyprus Anvil Mining Corp. Page 3 of 6

Lithologic Log Date: 24 AUG 81 Logged By: DSJ - JGS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	000	121	101	101	4E4	POOR REC. < 0.1 m REC
L	121	123		102	4G0	
L	123	126		103	4C0	
L	126	127		104	4L0	
L	127	129		105	5B23	
L	129	132		106	4L0	
L	132	141		107	4A0	
L	141	143		108	4L2	
L	143	152		109	5A0	Slightly Calc
L	152	155		110	5A0	GOUGE MIN/ATT
L	155	160		111	5A0	Sl. calc. brkn core
L	160	162		112	4L0	
L	162	164		113	5A0	
L	164	167		114	4L0	sharp contacts No fusch or py
L	167	174		115	5A0	
L	173	175		116	4L0	sharp contacts No fusch or py
L	175	1101		117	5A0	(5B62) 9.5-10.1
L	1101	1182		118	5B06	Fe.mg.
L	1182	1191		119	5B6	Fe.Mg Gouge Brkn Core. U/C 35°/320 LC/30/220
L	1191	1214		120	5B0	Fe Mg.
L	1214	1216		121	5B0	Fe.Mg GOUGE UC/ 70°/0 LC 11 SZ. TECT.
L	1216	1228		122	5B0	Fe.Mg
L	1228	1241		123	5B3	VERY CALC.
L	1241	1305		124	5B02	Fe Mg.
L	1305	1320		125	4C0	Phyll 15% Py.
L	1320	1331		126	4L0	
L	1331	1375		127	5B02	Fe Mg.
L	1375	1379		128	4L5	DOL.
L	1379	1387		129	4C0	PHYLL
L	1387	1392		130	4L0	
L	1392	1402		131	4C0	PHYLL 35% Py
L	1402	1403		132	4L0	
L	1403	1405		133	4L2	[4C0 PHYLL]
L	1405	1446		134	4A0	
L	1446	1456		135	4C0	PHYLL (4L2) 44-9 - 45.2.
L	1456	1457		136	5B6	GOUGE U/C 11 SZ TECT SLICKS 230 → 40 SW. THRUST

DDH F.A.G.U.1.2.1 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 24 Aug 81 Logged By: DSJ/JGS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1457	1461		37	14A01	
L	1461	1472		38	14L01	
L	1472	1476		39	14CA1	4C → grad → 4A.
L	1476	1491		40	14L12	(4LO)
L	1491	1528		41	15A119	→ 4AO
L	1528	1568		42	15B012	Fe Mg
L	1568	1655		43	15B31	VERY CALC
						END of HOLE. @ 65.5

DDH FAGU121 (2–8)

Cyprus Anvil Mining Corp.

Structural Log

Page 5 of 6

Date: 24 AUG 18 Logged By: DSJ ~~JGS~~

Code	From	To	Feature	Sym	S_0 Dip	S_0 Direct.	S_1 Dip	S_1 Direct.	S_2 Dip	S_2 Direct	Description
1	10–14	16–20	22–24	26	28	32	34	38	40	44	
S		35	CS2	Z					55	230	
S		67	PS2						85	230	
S		100	CS2	S					75	230	
S		145	PS2						75	230	
S		200	CS2	S					70	230	
S		235	CS2	S					75	230	
S		263	CS2	E					70	230	
S		273	CS2	Z					45	230	
S		295	CS2	Z					70	230	
S		337	CS2	S					50	230	
S		344	CS2	Z					60	230	
S		375	CS2	Z					50	230	
S		404	CS2	Z					60	230	Highly variable sym broad
S		437	CS2	E					55	230	M region Z uphole
S	457	518	PS2						45	230	S downhole
S		538	CS2	S					50	230	
S		567	CS2	S					50	230	
S		580	CS2	S					45	230	
S		625	CS2	S					50	230	
S		650	CS2	S					40	230	

original Section 70W

DDH EAGU121 Cyprus Anvil Mining Corp

Page 6 of 6

Logged by DSJ & JGS

ASSAY LOG (SAMPLER'S COPY)

Date 24 Aug 81 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	00	27	11121	27	05	4E4	
P	405	425	11122	20	20	4A0	
P	425	446	11123	21	21	4A0	

C.A.M.C. 1981 - E - 5

DDH FA6U121 (2 — 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	52	55	G					
F	55	60	B					
F	182	191	G		35 320		30 220	
F	214	216	G		70 00P		9999	
F	456	457	GF		99 999			Slicks 230/40 SW

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO D.D.H. Nº 76-U-121 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,657 ? 70W STARTED JULY 20, 1976

DEPARTURE 7,652 ? 2N COMPLETED JULY 21, 1976

ELEVATION 1160.6 ? PROPOSED DEPTH 200' - 60.9m

Collar lost-drift changed ULTIMATE DEPTH 65.5m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224	-60°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 84.7%

Interval From	Interval To	DESCRIPTION	Zn+ Py Pb	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	2.7	QUARTZ-SULFIDE W/Significant amount of barite in grd. mass (Pb). First 2.1m - pebble size; poor recovery. 2.1-2.7 competent ground. Foliation = 65-70°. Short (=5cm) bleached phyllite intervals. 2.7: Sharp clean contact with Graphitic phyllite (G) = 75°.	45 5	0.5	3858	0	2.7	2.7	3.15	5.10	58.63					
2.7	9.1	GRAPHITIC PHYLLITE (G). Broken, fissile. Core as poker chips. Foliation = 75-80°. No clear F noted. 6.5-7.0: Bleached phyllite. Contact clean, first marked by shear = 75°; Second = 85°. 9.1: Gradual change to Graphitic Sericite Phyllite (SG).		5.5		2.7	9.1	6.4								
9.1	37.8	GRAPHITIC SERICITE PHYLLITE (Sg). Blocky core ranging from flakes to 4cm long. Foliation = 70-75° characterized by wavy laminae of graphite - sericite/quartz and with trace of calcite. F @ 16m = 5°.		15.3		9.1	30.5	21.4								

LOGGED BY _____ D.D.H. NO 76-U-121 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		flakes.													
		11.9; 16.5; 18.2; 19; 21.4: Shear.													
		22.0: Prominent increase in calcite in groundmass. F_2 = 75-80°. F_1 = 0-5°.													
		24.4-24.6: FAULT. Black sticky gouge with sericite/graphite flakes.													
		30.5: Decreasing amount of graphitic laminae.													
		30.5-32.0: Short Quartz-Sulfide interval. Competent. 15 2 Foliation = 80°. Both contact gradual.	1.5	3859	30.5	32.0	1.5	0.38	0.78	9.94					
		37.8: Sharp change to Bleached Phyllite. Contact = 75°.	6.5		30.5	37.8	7.3								
37.8	40.7	BLEACHED PHYLLITE (Sb). Competent. Foliation = 55-60° marked by white to buff groundmass with some alternating sul- 25 2 fide laminae. Barite as prisms in cavity walls and partly in some short intervals, as part of groundmass.	2.0	3860	37.8	40.7	2.9	0.28	0.50	8.23					
		40.7: Sharp contact with Graphitic Phyllite = 55-60°.													
40.7	44.8	GRAPHITIC PHYLLITE (G). Competent. Regular foliation = 60°; F_1 = 0-10°. Weak showing of sulfides as widely spaced thin laminae. Py: 3, Zn + Pb: Tr.	4.1		40.7	44.8	4.1								
		43.2: Fold nose.													
		44.8: Sharp contact with Quartz-Sulfide (P) = 70°.													

LOGGED BY _____ D.D.H. NO 76-U-121 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
44.8	45.6	QUARTZ-SULFIDE (P). Competent. Groundmass very siliceous.													
		Foliation = 25-30°. With short bleached phyllite interval.	0.7		44.8	45.6	0.8								
		Py: 6, ZnPb: 1													
		45.6: Sudden change to Graphitic Phyllite (G). Contact bro													
		ken ground-sheared.													
45.6	56.4	GRAPHITIC PHYLLITE (G). Competent. Foliation = 35-40°.	9.6		45.6	56.4	10.8								
		F = 0-5°. Very minro sulfide showing mostly Py clots.													
		1 Bleached phyllite interval @ 46-46.9; 47.4-48.6.													
		56.4: Gradual change to Calcitic-Graphitic Sericite Phyllite													
		(SG+K).													
56.4	65.5	CALCITIC-GRAPHITIC SERICITE PHYLLITE (SG+K). Competent.	8.9		56.4	65.5	9.1								
		Rx lighter in colour than previous run and thinner graphitic													
		laminae. Foliation = 35-40°. F = 0-5°. Calcite as thin													
		1 laminae and has relatively coarser grain than other laminae.													
		Calcite also as randomly oriented stringers. Very minor													
		sulfide showing (Py).													
	65.5	END OF HOLE.													

DDH: FAGU121 -- 132 DEGREE PROFILE

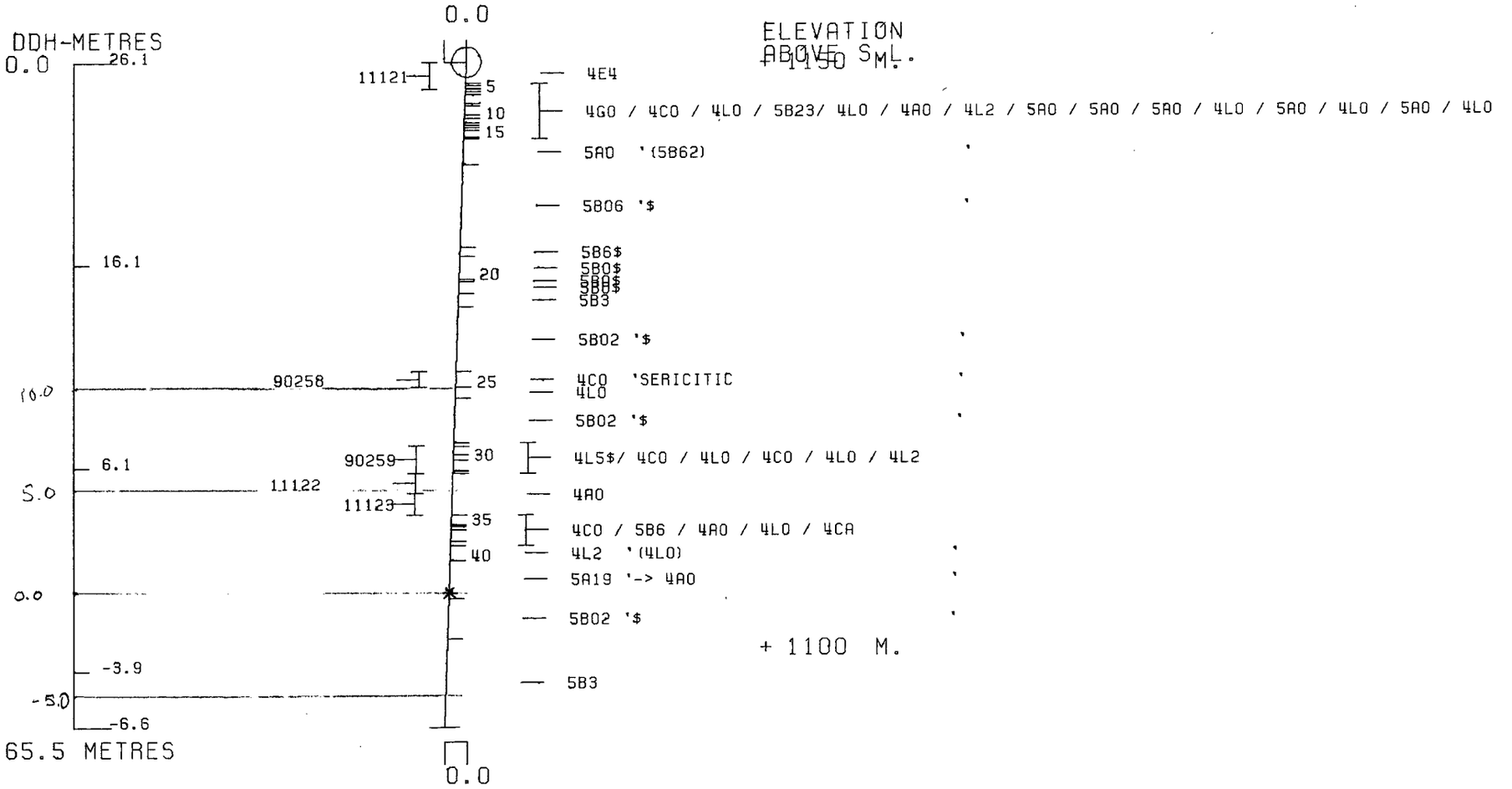
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1150 592347E ; 904863N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 575.8 Z = 1150.0

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 18 OCT 1985 3:01 PM

DDH: FAGU121 -- 132 DEGREE PROFILE

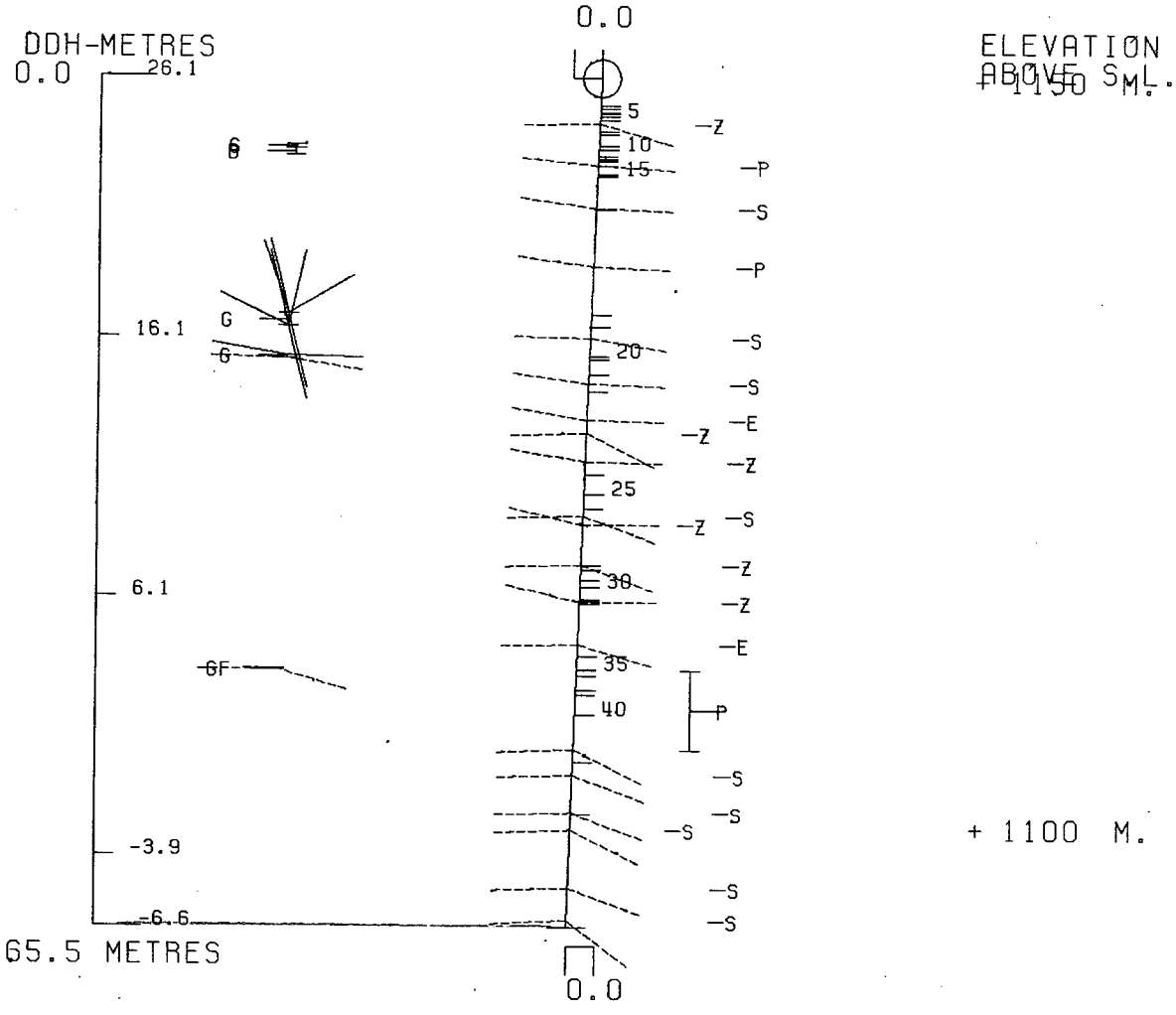
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1150 592347E ; 904863N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 575.8 Z = 1150.0

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH161 18 OCT 1985 2:59 PM

DRILL HOLE : FAGU131
NORTHING : 904,863.0
EASTING : 592,346.8
ELEVATION : 1,151.2
TOTAL DEPTH : 45.7
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
CHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 5
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 24
NOS DOWN-H-STRUCTURE: 11
NOS DOWN-H-FAULTS: 3
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU131 UTM-N: 904,863.0 UTM-E: 592,346.3 UTM-ELEV: 1,151.2 TOTAL DEPTH: 45.7 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.5	1.5	11096	1.0	.5	4G4	4.67	.09	3.80	6.70	80.00		1.03		23	23						
1.5	3.2	11097	1.7	1.0	4GE#	4.75	.11	4.70	9.40	89.00		.96	1	19	20						
3.2	4.6	11098	1.4	1.4	4G4	4.51	.08	4.40	8.40	105.00		.82		11	12						
4.6	5.5	11099	.9	.9	4E4	4.64	.22	5.70	10.50	109.00		1.23	3	28	32						
15.3	16.8	11100	1.5	1.0	4EGD	4.20	.17	5.10	7.50	89.00		1.58	2	21	23						
WEIGHTED AVERAGE																					
.5	5.5		5.0	3.8		4.64	.11	4.61	8.77	95.28		.98	1	19	21						
15.3	16.8		1.5	1.0		4.20	.17	5.10	7.50	89.00		1.58	2	21	23						

UTM-N: [illegible] UTM-E: 592,346.8 UTM-ELEV: 1,151.2 TOTAL DEPTH: 45.7 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	90.900	225.500

DDH: EAGH131 UTM-N: 904,963.0 UTM-E: 592,346.8 UTM-ELEV: 1,151.2 TOTAL DEPTH: 45.7 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
0.6	0001	#		0.5-	1
2.9	0002	4G4	(4EO)	0.5-	1
3.2	0003	4EC#		0.5-	1
4.6	0004	4G4		0.5-	1
5.5	0005	4E4	POROUS	0.5-	1
13.1	0006	5A19	3 -> 4AO (1QQO) (4LC)	0.5-	1
13.5	0007	1QQC		0.5-	1
15.3	0008	5B26	3	0.5-	1
16.0	0009	4G4	BXA (4E CLASTS)	0.5-	1
16.8	0010	4EC	(4DO) (5D4*)	0.5-	1
17.0	0011	5D4*		0.5-	1
17.5	0012	4CC	(4EO) (1QQO) (4LC)	0.5-	1
18.3	0013	5B62	3 -> 5AO	0.5-	1
18.4	0014	4CC		0.5-	1
23.7	0015	5B62	3	0.5-	1
24.3	0016	5B26	3	0.5-	1
31.6	0017	5B26	3 -> 5AO	0.5-	1
32.1	0018	5D4		0.5-	1
34.0	0019	5B26	3	0.5-	1
34.2	0020	4L24		0.5-	1
41.1	0021	5B26	3	0.5-	1
43.7	0022	4LC		0.5-	1
44.8	0023	4LC		0.5-	1
45.7	0024	4L5$	[5D4$]	0.5-	1

[illegible] UTM-N: [illegible] UTM-E: 592,346.8 UTM-ELEV: 1,151.2 TOTAL DEPTH: 45.7 SECTION: W 70
REF: S2 RFE DTR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SO ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU131	0.0	1.4	PS2	P	0	0	0	0	25	230	0	1	1	1
FAGU131	0.0	6.3	PS2		0	0	0	0	25	230	0	1	1	1
FAGU131	0.0	9.0	CS2	Z	0	0	0	0	5	230	0	1	1	1
FAGU131	0.0	14.7	CS2	Z	0	0	0	0	20	230	0	1	1	1
FAGU131	0.0	21.0	CS2	Z	0	0	0	0	10	230	0	1	1	1
FAGU131	0.0	24.9	CS2	Z	0	0	0	0	25	230	0	1	1	1
FAGU131	0.0	27.3	CS2	Z	0	0	0	0	20	230	0	1	1	1
FAGU131	0.0	33.2	CS2	Z	0	0	0	0	15	230	0	1	1	1
FAGU131	0.0	35.6	CS2	Z	0	0	0	0	20	230	0	1	1	1
FAGU131	0.0	39.4	CS2	Z	0	0	0	0	20	230	0	1	1	1
FAGU131	0.0	41.4	CS2	Z	0	0	0	0	15	230	0	1	1	1

DDH: FAGU131 UTM-N: 904,753.0 UTM-E: 592,346.8 UTM-ELEV: 1,151.2 TOTAL DEPTH: 45.7 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 317 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU131	18.3	18.4	G				0	0	C	C	0	0	1
FAGU131	23.7	24.3	G				35	70	C	C	15	0	1
FAGU131	43.7	44.3	G				0	0	C	C	0	0	1

[illegible] UTM-E: 592,346.2 UTM-ELEV: 1,151.2 TOTAL DEPTH: 45.7 SECTION: W 70
REF: S? REF DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU131	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU 131

Project: Grum Relog

Location: Section 70W

Claim:

UTM Terr. Plane Co-ords.: 6904863.0 N

592346.8 E

Conversion of K-A surveyed grid co-ords

Grid Co-ords.: 70W

2N

Elevation: 1151.2 M

Total Depth: 45.7M

Purpose: Definition Drilling

Logged by: DSJ / JGS Date(s) Logged: 24 Aug 81

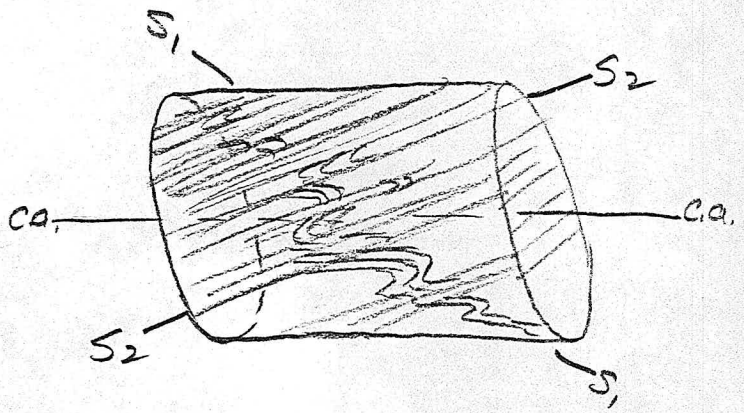
Drilling Contractor: Cameron McCutcheon Core:

Size	From	To
BQ	0	45.7

Collar Cased and Capped: No

Started: 25 July '76 Completed: 26 July '76

Fabric Orientation Diagram:



All symmetry determinations looking NW with S_2 dipping SW with dip azimuth 230°.

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH FAG4131 (2–8)

Date: 24 Aug 81 Logged By: DST/JGS

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	FAG4131	1151.1 2	904863.0	592346.8	METRES	52	

225.5 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2–8	10–14	22–26	28–32	34–56
R	FAG4131	0 0	90.9	223.9	AT COLLAR

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

DDH FAG4.L3.1 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 24 AUG 81 Logged By: DSJ JGS

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
L	00	08		01	*	CONCRETE
L	08	29		02	4G4	(4E0) por non calc hor.
L	29	32		03	4E0*	CALC.
L	32	46		04	4G4	
L	46	55		05	4E4	POR. NON CALC
L	55	131		06	5A19	3 (4A0) 7.0-7.4 (10C0)(4L0)
L	131	135		07	10Q0	
L	135	153		08	5B26	3
L	153	160		09	4G4	NON CALC 4E0 CLASTS
L	160	168		10	4E0	(4D0) (5B4*) FUSCH ANK.
L	168	170		11	5D4*	ANK FUSCH.
L	170	175		12	4C0	(4E0) (10Q0)(4L0)
L	175	183		13	5B62	3 Var Calc → 5A
L	183	184		14	4C0	GOUGE NIL/ATT.
L	184	237		15	5B62	3
L	237	243		16	5B26	3 GOUGE u/c. 35°/70 LC. 15°/0
L	243	316		17	5B26	3 VAR. CALC → 5A
L	316	321		18	5D*	DOL No Fush.
L	321	340		19	5B26	3
L	340	342		20	4L24	
L	342	411		21	5B26	3
L	411	437		22	4L0	
L	437	448		23	4L0	GOUGE F. NIL/ATT
L	448	457		24	4L5	DOL. Buff cream mass. phyll dol. metasomatic
						END of HOLE.

DDH F.A.G.U.1.3.1 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: 24AUG81 Logged By: DSJ & JGS.

Code	From	To	Feature	Sym	S_0 Dip	S_0 Direct.	S_1 Dip	S_1 Direct.	S_2 Dip	S_2 Direct	Description
1	10 14	16 20	22 24	26	28	32	34	38	40	44	
S		14		R					25	230	
S		63	PS2						25	230	
S		90	CS2	Z					05	230	Sx. 40°/To Core Axis DIP AZ 080
S		147	CS2	Z					20	230	
S		210	CS2	Z					10	230	
S		249	CS2	Z					25	230	
S		273	CS2	Z					20	230	
S		332	CS2	Z					15	230	
S		356	CS2	Z					20	230	
S		394	CS2	Z					20	230	
S		414	CS2	Z					15	230	

DDH FAGU-13 Cyprus Anvil Mining Corp Page 5 of 5

Logged by JGS

ASSAY LOG (SAMPLER'S COPY) Date 24 AUG 81 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
P	105	115	110916	10	05	14G14	Recovery estimated
P	115	132	110917	17	10	14G14	4E from K. Mogs "
P	132	146	110918	14	14	14G14	"
P	146	155	110919	09	09	14E14	"
							"
P	1153	1168	111010	15	10	14G14	4E0. "

C.A.M.C. 1981 - E - 5

DDH FAG0131 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	183	184	G					
F	237	243	G		35 070		15 000	
F	437	448	G					

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D.D.H. Nº 76-U-131 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,655.4 70W STARTED JULY 25, 1976

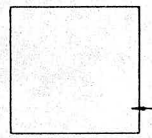
DEPARTURE 7,649.0 2N COMPLETED JULY 26, 1976

ELEVATION 1,161.75 PROPOSED DEPTH

ULTIMATE DEPTH 150' - 45.7m

CLAIM Nº

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	225° 46'	0°



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 87.5%

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	5.5	MASSIVE SULFIDE (M+MV). Competent. Barite in ground 75 6	1.5	3931	0	3.0	3.0	4.55	8.58	79.54			13.65	25.74	238.62
		mass. Faint trace of Sph/ph compositional banding = 75 5	1.6	3932	3.0	4.6	1.6	5.26	8.80	90.86			8.42	14.08	145.38
		15-20°. Short intervals of porous variety-voids 75 6	0.9	3933	4.6	5.5	0.9	6.26	11.88	96.69			5.63	10.69	87.02
		aligned = 15-20°.													
		2.8-2.9: Greenish soft bleached phyllite = 65°.		W.Av.	0	5.5	5.5	5.04	9.18	85.64			27.70	50.51	471.02
		5.5: Clean sharp contact with graphitic phyllite (G) = 30°.													
5.5	41.1	GRAPHITIC PHYLLITE (G). Fissile. Foliation = 0-5° due to	9.0		5.5	15.4	9.9								
		fold noses. Sporadic clots of sulfides as leaf pyrites.													
		6.0; 7.0; 9.1; 9.5; 10.8; 12.1: Fold noses.													
		15.0-15.2: Foliation = 15°.													
		15.4-16.8: Massive sulfide interval with bleached phyllite													
		(M+Sb). Faint compositional banding = 75 8	1.0	3937	15.4	16.8	1.4	4.80	6.63	72.69					
		65°. Contacts broken ground.	22.1		16.8	41.1	24.3								
		19; 19.8; 21.0; 23.0; 25.5; 35.0; Fold noses.													
		31.5-32.2: Bleached phyllite interval. Buff colour.													
		Foliation = 25°. First contact broken ground, second contact													

LOGGED BY _____ D.D.H. NO 76-U-131 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		41.1: Gradual decrease in graphitic laminae. Rx becoming													
		sericite phyllite (S).													
41.1	44.2	SERICITE PHYLLITE (S). Competent. Foliation = 25-30°.	3.0		41.1	44.2	3.1								
		41.4; 42.5; 43.0: Fold noses.													
		44-45: FAULT. Light gray thick sticky gouge with quartz													
		pebbles and bleached sericite phyllite fragments. Actually													
		act as fault contact for next rx type-Bleached Phyllite (Sb).													
44.2	45.7	BLEACHED PHYLLITE. Competent except near the fault contact.	0.9		44.2	45.7	1.5								
		Light gray to creamy white. Foliation = 45-50° (very faint).													
		Prominent bull quartz intervals.													
	45.7	END OF HOLE.													

DDH: FAGU131 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1151 592347E ; 904863N

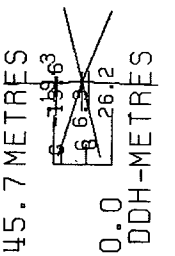
PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 576.0 Z = 1151.2

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 22 OCT 1985 1:55 PM



DDH: FAGU131 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1151 592347E ; 904863N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 576.0 Z = 1151.2

SECTION NAME: 01N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 22 OCT 1985 1:56 PM

ELEV 1151

45.7 METRES
0.0 DDH-METRES

DRILL HOLE : FAGU136
NORTHING : 904,863.8
EASTING : 592,347.6
ELEVATION : 1,152.9
TOTAL DEPTH : 76.2
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 14
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 32
NOS DOWN-H-STRUCTURE: 16
NOS DOWN-H-FAULTS: 3
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU136 UTM-N: 964,263.8 UTM-E: 592,347.6 UTM-ELEV: 1,152.9 TOTAL DEPTH: 76.2 SECTION: W 70
RFE: 32 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
31.0	32.0	11151	1.0	.8	4L4	4.24	.22	2.90	2.30	41.00		.48	7	16	23						
32.0	34.6	11152	2.6	1.8	4G4#	4.72	.09	5.30	5.80	80.00		.69	1	23	24						
39.1	41.1	11153	2.0	1.3	4GEL	4.94	.20	2.70	2.04	57.00	57.00	.96	2	33	36						
41.1	44.2	11154	3.1	1.6	4E4#	4.83	.23	4.40	3.70	71.00		.89	3	35	38						
44.2	46.2	11155	2.0	1.0	4G4	4.67	.08	6.30	7.70	98.00		.55	2	13	16						
46.2	48.2	11156	2.0	1.0	4G4	5.01	.10	6.60	6.80	110.00		.41	3	12	16						
48.2	50.2	11157	2.0	1.8	4G4	4.86	.06	7.30	7.60	125.00		.41	2	10	13						
50.2	51.7	11158	1.5	1.5	4G4	4.64	.12	5.60	6.60	90.00		.48	4	17	21						
51.7	53.3	11159	1.6	1.4	4G4	4.54	.11	6.20	6.60	101.00		.62	1	19	21						
53.3	54.7	11160	1.4	1.0	4EK8	4.29	.24	4.30	3.60	66.00		.62	5	30	36						
54.7	56.2	11161	1.5	1.0	4LC	3.38	.13	1.57	1.25	30.00		.48	3	12	16						
56.2	58.2	11162	2.0	1.0	4EC	3.98	.18	1.67	1.15	33.00		.69	4	28	33						
58.2	60.2	11163	2.0	.9	4EC	4.35	.53	2.40	1.35	47.00	42.00	1.51	6	24	31						
60.2	61.4	11164	1.2	.8	4EC	3.02	.29	1.49	1.33	44.00		1.03	6	23	30						
WEIGHTED AVERAGE																					
31.0	34.6		3.6	2.6		4.58	.12	4.63	4.82	69.16		.63	2	21	24						
39.1	61.4		22.3	14.3		4.46	.19	4.30	4.20	73.85	8.87	.73	3	22	26						

DDH: FAGU136 UTM-N: 904,863.8 UTM-E: 592,347.6 UTM-ELEV: 1,152.9 TOTAL DEPTH: 76.2 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	42.000	224.000

DDH: FAGD136 UTM-N: 904,383.2 UTM-E: 592,347.6 UTM-ELEV: 1,152.9 TOTAL DEPTH: 76.2 SECTION: N 70
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.3	0001	#		0.5-	1
4.1	0002	592o		0.5-	1
10.4	0003	5EC	(5E2)	0.5-	1
11.0	0004	5E2*		0.5-	1
11.7	0005	5EC3		0.5-	1
25.9	0006	5E2		0.5-	1
26.2	0007	5D4*		0.5-	1
29.2	0008	5E2*		0.5-	1
31.0	0009	4L5	(5E2*) [5D4*]	0.5-	1
32.0	0010	4L24	5	0.5-	1
34.6	0011	4G4#	(4E0#)	0.5-	1
34.9	0012	4L5#		0.5-	1
35.8	0013	5B26		0.5-	1
37.4	0014	4L2		0.5-	1
39.1	0015	586		0.5-	1
39.5	0016	4G4#	POROUS	0.5-	1
39.6	0017	4LC		0.5-	1
44.2	0018	4E4	(4E4#)	0.5-	1
53.3	0019	4G4		0.5-	1
54.7	0020	4EC8	(4K8)	0.5-	1
55.7	0021	4L4	[4C PHYLLITIC]	0.5-	1
56.2	0022	4L3	(4LO)	0.5-	1
61.4	0023	4EC	(4E4) (4CO)	0.5-	1
62.8	0024	4L2		0.5-	1
63.7	0025	5B64		0.5-	1
64.1	0026	5B64		0.5-	1
69.5	0027	5B62		0.5-	1
70.2	0028	5B62		0.5-	1
71.2	0029	4LC		0.5-	1
74.8	0030	5B62		0.5-	1
75.4	0031	5B62		0.5-	1
76.2	0032	5D4*		0.5-	1

DDH: FAGU136 UTM-N: 904,263.2 UTM-E: 592,347.6 UTM-ELEV: 1,152.9 TOTAL DEPTH: 76.2 SECTION: W 70
RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SC ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHCC	SDC	PROCESS
FAGU136	0.0	3.4	CS2		0	0	0	0	65	230	0	1	1	1
FAGU136	0.0	9.3	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGU136	0.0	11.8	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU136	0.0	17.8	CS2		0	0	0	0	70	230	0	1	1	1
FAGU136	0.0	22.3	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU136	0.0	27.7	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU136	0.0	31.8	CS2		0	0	0	0	70	230	0	1	1	1
FAGU136	0.0	36.7	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGU136	0.0	41.5	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGU136	0.0	46.0	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGU136	0.0	51.4	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGU136	0.0	55.4	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU136	0.0	59.8	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU136	0.0	62.5	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU136	0.0	68.4	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGU136	0.0	74.0	PS2	P	0	0	0	0	50	230	0	1	1	1

DDH: FAGU136 UTM-N: 904,963.9 UTM-E: 592,347.6 UTM-ELEV: 1,152.9 TOTAL DEPTH: 76.2 SECTION: W 70
RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU136	63.7	64.1	G			20	0	C	C	0	0	1
FAGU136	69.5	70.2	G			99	999	C	C	0	0	1
FAGU136	74.8	75.4	G			0	0	C	C	0	0	1

DDH: FAGU136 UTM-N: 984,363.8 UTM-E: 592,347.6 UTM-ELEV: 1,152.9 TOTAL DEPTH: 76.2 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU136	1	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 08:22:52

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU 136

Project: Grum Relog

Location: Section 70W

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 6904863.8 N

592347.6 E

Conversion of K-A surveyed grid co-ords

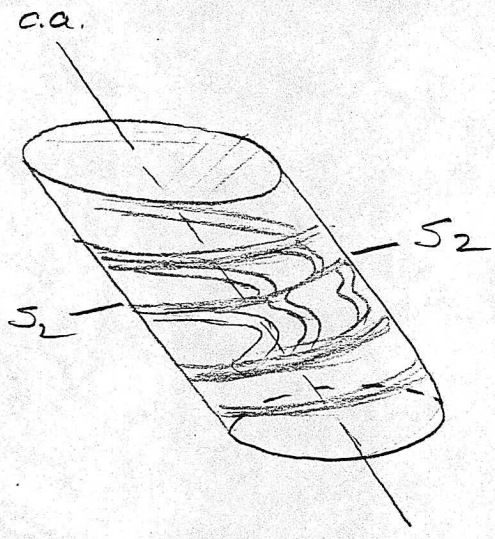
Grid Co-ords.: 70W

2N

Elevation: 1152.9M

Total Depth: 76.2M

Fabric Orientation Diagram:



All symmetry determinations looking NW with S_2 dipping SW with dip azimuth 230.

Purpose: Definition Drilling

Logged by: DSJ / JGS Date(s) Logged: 24 Aug. 1981

Drilling Contractor: Cameron McCutcheon Core:

Size	From	To
BQ	0	76.2

Collar Cased and Capped: No

Started: 29 July 76 Completed: 30 July 76

Cyprus Anvil Mining Corp.

DDH FAG4136

Diamond Drill Core Log

Date: 24Aug81 Logged By: DST/JGS

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	FAG4136	1152.~~0~~ 9	904863.8	592347.6	METRES	52	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAG4136	0 0	42.0	224.0	AT COLLAR

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

DDH FAGU136 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 24 AUG 81 Logged By: RSJ - JGS

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	00	13		01	*	CONCRETE
L	13	41		02	5B26	
L	41	104		03	5E0	(5E2)
L	104	110		04	5E2*	DOL
L	110	117		05	5E0	Tan-grey phyll dolomite
L	117	259		06	5E2	
L	259	262		07	5E*	DOL ANK.
L	262	292		08	5E2*	Fe Mg Carb.
L	292	310		09	4L5	(5E2* Fe Mg Carb) 4L on phyll marble
L	310	320		10	4L24	5 wbly Calc.
L	320	346		11	4G4*	Calc-bary to calc (4E0)*
L	346	349		12	4L5	CALC.
L	349	358		13	5B26	
L	358	374		14	4L2	
L	374	391		15	5B6	
L	391	395		16	4G4*	CALC. POR.
L	395	396		17	4L0	
L	396	442		18	4E4	(4E4*) CALC.
L	442	533		19	4G4	
L	533	547		20	4E08	(4K8)
L	547	557		21	4L4	[4C PHYLL]
L	557	562		22	4L3	(4L0)
L	562	614		23	4E0	(4E4) - (4C0)
L	614	628		24	4L2	
L	628	637		25	5B64	
L	637	641		26	5B64	GOUGE / (4L0) U/c 20°/0 L/c IND. Steeper clip Az 11 Sz
L	641	695		27	5B62	Fract veins buff dol.
L	695	702		28	5B62	GOUGE F u/c 11 Sz slicks 250 → 20 SW, L.C IND
L	702	712		29	4L0	
L	712	748		30	5B62	
L	748	754		31	5B62	GOUGE IND/ATT
L	754	762		32	5D4*	DOL FUSCH 1-2%
						END OF HOLE

DDH FAGU13.6 (2 / 8) Cyprus Anvil Mining Corp. Page 4 of 5

Structural Log Date: 24 Aug 81 Logged By: DSJ-JGS

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		134	CIS12				65 2310	NO SYMM DETS
S		193	PIS12				50 2310	45° UPHOLE
S		1118	PIS12				40 2310	S2 near HORIZ
S		1178	CIS12				70 2310	00 equivocal determinations
S		1223	PIS12				40 2310	
S		1277	PIS12				70 2310	
S		1318	CIS12				70 2310	
S		1367	PIS12				80 2310	
S		1415		R			60 2310	
S		1460		R			60 2310	
S		1514		R			60 2310	
S		1554		R			40 2310	
S		1598		R			40 2310	
S		1625	PIS12				40 2310	
S		1684	PIS12				60 2310	
S		1740	PIS12				50 2310	

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

DDH FAGU136 Cyprus Anvil Mining Corp

Page 5 of 5

Logged by DST-JGS

ASSAY LOG (SAMPLER'S COPY)

Date 24 Aug 81 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	310	320	111151	10	08	4L4	Recovery Estimated from Kit logs
P	320	346	111152	26	18	4G4	original assay log lost "
P	391	411	111153	20	13	4G4	"
P	411	442	111154	31	16	4E4	"
P	442	462	111155	20	10	4G4	"
P	462	482	111156	20	10	4G4	"
P	482	502	111157	20	18	4G4	"
P	502	517	111158	15	15	4G4	"
P	517	533	111159	16	14	4G4	"
P	533	547	111160	14	10	4E08	"
P	547	562	111161	15	10	4L4	"
P	562	582	111162	20	10	4E0	"
P	582	602	111163	20	09	4E0	"
P	602	614	111164	12	08	4E0	"

DDH FAGU136 (2–8) meters

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10–14	16–20	22–24	26	28–32	34–38	40–44	
F	637	641	G		20 000			
F	695	702	G		99999			
F	748	754	G					

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO D.D.H. Nº 76-U-136 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,657.164 70W STARTED JULY 29, 1976

DEPARTURE 7,651.876 2N COMPLETED JULY 30, 1976

ELEVATION 1,163.492 PROPOSED DEPTH

ULTIMATE DEPTH 76.2

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	244	+48°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 70%

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	4.8	GRAPHITIC PHYLLITE (G). Broken flakey core. Foliation = 30	0.8		0	4.8	4.8								
		-35°. Poor core recovery.													
		4.8: Abrupt change to limy bleached phyllite (SBk).													
		Contact broken ground.													
4.8	8.5	LIMY BLEACHED PHYLLITE (SBk). Broken blocky core with max.	3.0		4.8	8.5	3.7								
		=4cm length. Earthy white with greenish stripe (bleached													
		sericite). Foliation = 45-50° changing to 60° @ 7.7. No													
		clear F 1 noted. Calcite in groundmass as thin laminae.													
		8.5: Gradual change to limy sericite phyllite (SK).													
8.5	32.0	LIMY SERICITE PHYLLITE (SK). Broken, blocky core ave: 3cm	21.5		8.5	32.0	23.5								
		long. Foliation = 60-65°; F 1 = 0-10°. Some intervals at													
		16.7-18 show some thin green laminae (chlorite?).													
		25.9-27.5: Foliation change into = 70-75°; F 1 = 0-5°													
		29.5-29.7; 30-30.8: Bleached phyllite intervals. Buff													
		colour; broken ground. Grades into mineralized bleached phyllite until 32m.													

LOGGED BY _____ D.D.H. NO. 76-U-136 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		32.0: Abrupt change to massive sulfide (M).													
32.0	61.5	MASSIVE SULFIDE ZONE. Intervals of structureless 65 6	1.0	4065	32.0	33.5	1.5	5.76	5.40	75.77			8.64	8.10	113.66
		bands (M), barite in groundmass (Mb) and some with 65 7	1.0	4066	33.5	35.1	1.6	5.36	5.45	72.69			8.58	8.72	116.30
		quartz inclusions (MI). Included sericite and bleached			35.1	39.0	3.9								
		phyllite intervals. 75 6	1.3	4067	39.0	41.1	2.1	2.55	1.90	52.46					
		32-33.5: Barite in groundmass. Compositional ban- 75 8	0.8	4068	41.1	42.7	1.6	3.95	2.45	70.63			6.32	3.92	113.01
		ding = 65-70° (very faint Sph/Py-ba). 75 8	1.0	4069	42.7	45.7	3.0	7.15	7.13	103.87			21.45	21.39	311.61
		34.0-34.2: Porous variety. Voids aligned = 70°. 75 10	0.9	4070	45.7	48.8	3.1	6.40	6.53	100.80			19.84	20.24	312.48
		34.2-35.1: Sulfide breccia. Fragments Ø = 0.5-1.5cm 75 6	1.4	4071	48.8	50.3	1.5	7.36	7.79	104.92			11.04	11.69	157.38
		Well cemented by sulfides. 75 5	1.5	4072	50.3	51.8	1.5	6.10	6.63	95.66			9.15	9.95	143.49
		35.1-39: Intervals of bleached phyllite and normal 70 8	1.3	4073	51.8	53.3	1.5	7.06	6.75	89.83			10.59	10.13	134.75
		gray phyllite with small trace calcite. 70 8	1.0	4074	53.3	54.9	1.6	4.45	3.75	60.34			7.12	6.00	96.54
		Foliation = 70-75°; F = 0-5°. Contacts 60 6	0.9	4075	54.9	56.4	1.5	1.70	1.23	25.37			2.55	1.85	38.06
		gradational. 70 6	0.8	4076	56.4	57.9	1.5	1.93	1.00	32.23			2.90	1.5	48.35
		42.7: Broken blocky core. Some have barite in grdmas. 70 8	0.9	4077	57.9	59.4	1.5	2.05	1.25	34.29			3.08	1.88	51.44
		55.9-56.3: Bleached phyllite. Foliation = 40°. 70 6	1.3	4078	59.4	61.5	2.1	1.85	1.40	35.31			3.89	2.94	74.15
		Contacts broken ground.		W.Av.	32.0	35.1	3.1	5.55	5.43	74.18			17.22	16.82	229.96
		61.0: Fold nose.		W.Av.	41.1	54.9	13.8	5.20	6.04	91.98			85.51	83.32	1269.25
		61.5: Sharp change to bleached phyllite (Sb). Contact		W.Av.	54.9	61.5	6.6	1.88	1.24	32.12			12.42	8.17	212.00
		broken core (and re-drilled , core nipple).													

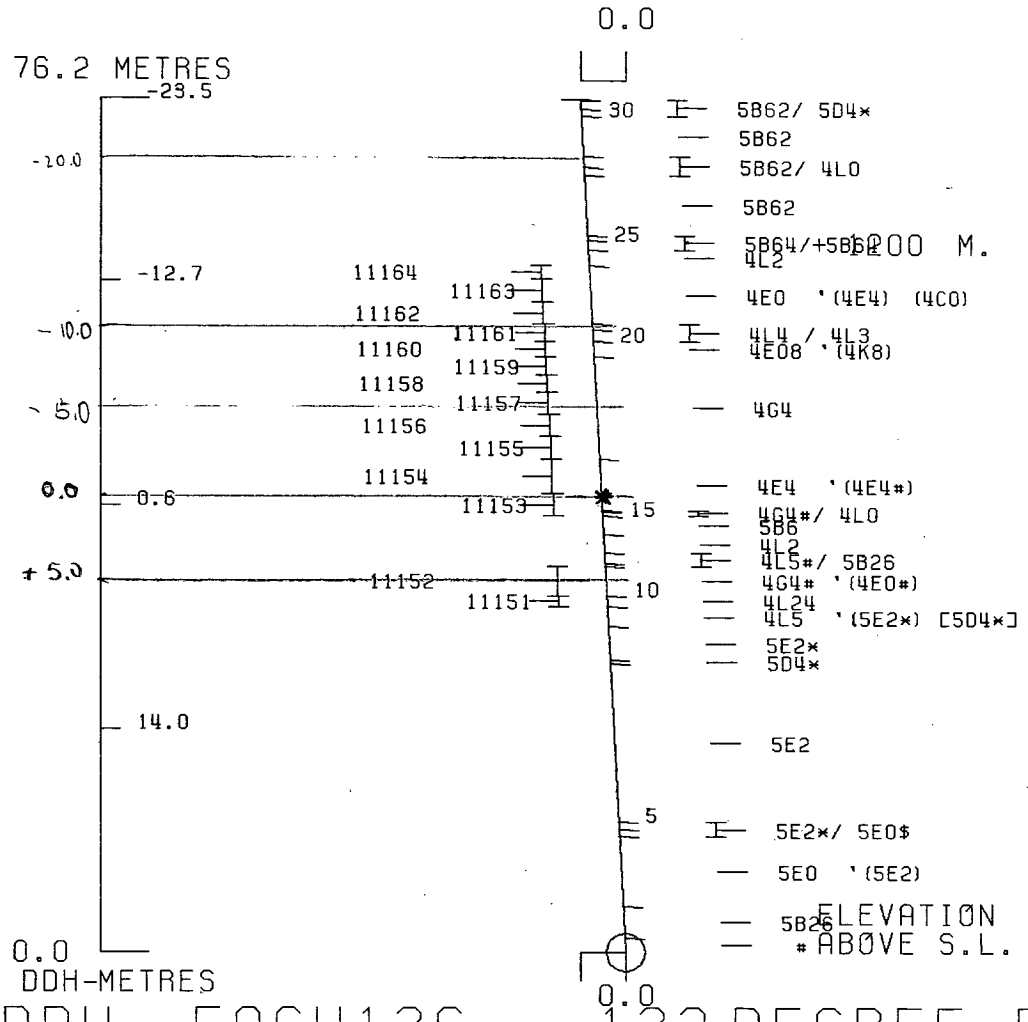
LOGGED BY _____ D.D.H. NO 76-U-136 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
61.5	63.0	BLEACHED PHYLLITE (Sb). Competent. Buff with greenish hue.	1.0		61.5	63.0	1.5								
		Foliation = 65-70° with occasional sulfide laminae.													
		62.0: Fold nose.													
		63.0: Gradual change to sericite phyllite (S).													
63.0	68.6	SERICITE PHYLLITE (S). Competent. Foliation = 70-75°.	5.1		63.0	68.6	5.6								
		Short calcite stringers = 30-35° opposite direction of													
		general 70-75° foliation.													
		68.6: Gradual change to Graphitic Sericite Phyllite (SG).													
68.6	75.0	GRAPHITIC SERICITE PHYLLITE (SG). Broken core. Trace	6.0		68.6	75.0	6.4								
		calcite as small discontinuous stringers in random orien-													
		tation. Foliation = 65-75°.													
		69.5-70.2: Broken core. Pebble size. Could be a fault.													
		No gouge but with some sandy phyllite.													
		70.2-71.2: Bleached phyllite interval. White to buff													
		colour. Broken ground. Second contact = 30°. Sharp and													
		clean.													
		74.8-75.5: FAULT. Black sticky gouge with phyllite/quartz													
		fragments. Contact with bleached phyllite.													

LOGGED BY _____ D.D.H. NO 76-U-136 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
75.5	76.2	BLEACHED PHYLLITE (Sb). White with green fuchsite spots/	0.5		75.5	76.2	0.7								
		laminae. Broken ground in most part. Solid core show 35-													
		40° foliation.													
	76.2	END OF HOLE.													

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 22 OCT 1985 1:58 PM



DDH: FAGU136 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

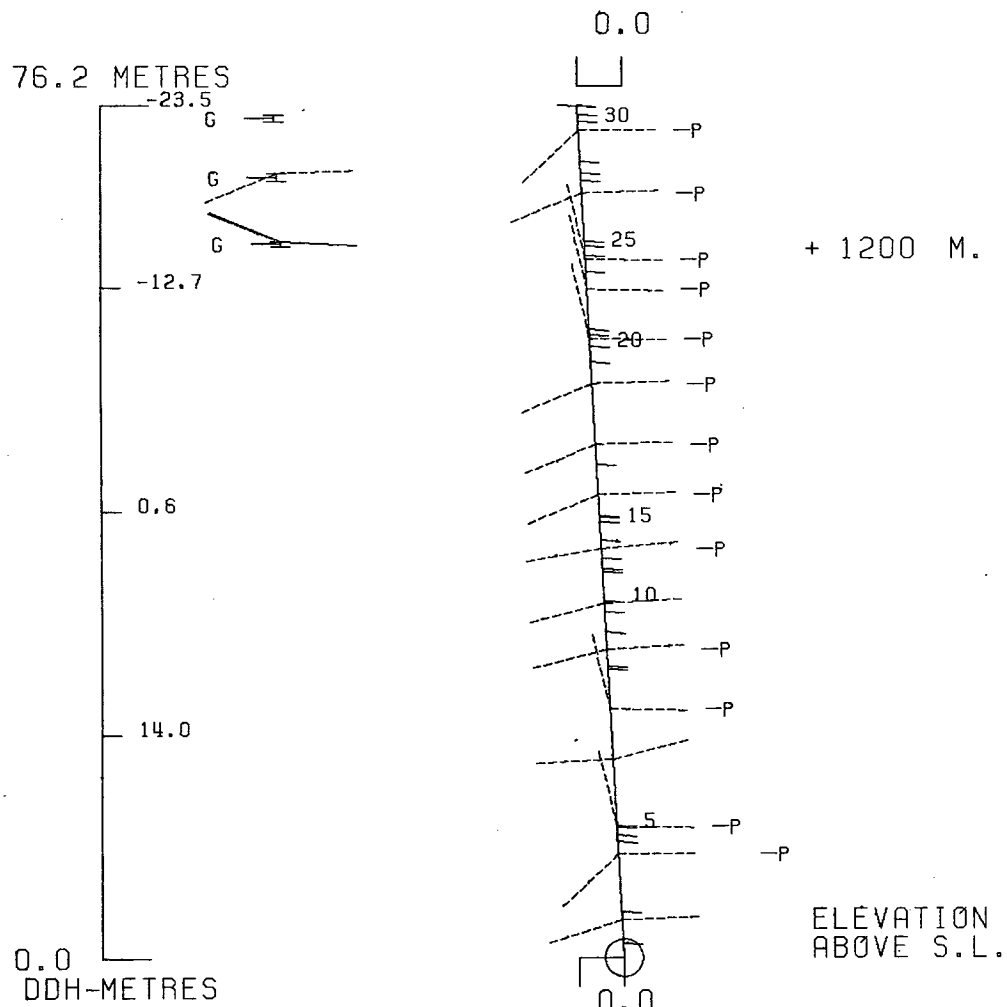
ELEV: 1153 592348E ; 904864N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 576.0 Z = 1152.9

SECTION NAME: 01N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 22 OCT 1985 1:56 PM



DDH: FAGU136 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1153 592348E ; 904864N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 576.0 Z = 1152.9

SECTION NAME: 01N

DRILL HOLE : FAGU139
NORTHING : 904,865.0
EASTING : 592,347.8
ELEVATION : 1,153.4
TOTAL DEPTH : 76.2
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 10
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 37
NOS DOWN-H-STRUCTURE: 13
NOS DOWN-H-FAULTS: 8
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU139 UTM-N: 904,865.0 UTM-E: 592,347.8 UTM-ELEV: 1,153.4 TOTAL DEPTH: 76.2 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
37.9	39.8	11215	1.9	.0	4EG#	4.31	.16	7.20	7.30	107.00		.62	3	17	21						
39.8	40.8	11216	1.0	.0	4EO	4.50	.20	1.06	2.50	30.00		2.13	4	36	40						
40.8	42.7	11217	1.9	.0	4EG	4.67	.14	4.00	3.90	66.00		.89	2	32	35						
42.7	44.2	90929	1.5	1.5	4EL#			5.97	5.15		82.63										
44.2	45.5	11219	1.3	.0	4GC#	3.65	.06	8.70	7.60	113.00		.55	2	21	23						
45.5	46.9	11220	1.4	.0	4L24	3.39	.20	1.26	1.25	20.00		.07	6	15	21						
50.9	53.3	11221	2.4	.0	4LC#	3.39	.12	1.43	1.64	17.00		.14	5	12	18						
53.3	56.7	11222	3.4	.0	4L24	3.50	.17	1.32	1.43	26.00		.14	7	14	22						
64.7	66.7	11223	2.0	.0	4L24	3.77	.21	4.90	4.60	71.00		.34	5	17	22						
66.7	68.9	11224	2.2	.0	4L24	3.67	.20	1.51	.84	25.00	30.00	.62	5	16	22						
WEIGHTED AVERAGE																					
37.9	46.9		9.0	1.5		3.45	.12	4.92	4.79	59.28	13.77	.64	3	20	23						
50.9	56.7		5.8	.0		3.45	.14	1.36	1.51	22.27		.14	6	13	20						
64.7	68.9		4.2	.0		3.71	.20	3.12	2.63	46.90	15.71	.48	5	16	22						

UTM-N: 204,865.0 UTM-E: 592,347.8 UTM-ELEV: 1,153.4 TOTAL DEPTH: 7c.2 SECTION: W 70
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	15.000	224.000

DDH: PAGH139 UTM-N: 904,965.0 UTM-E: 592,347.8 UTM-ELEV: 1,163.4 TOTAL DEPTH: 76.2 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
5.5	0001	5E23		0.5-	1
6.3	0002	5E$		0.5-	1
9.3	0003	5E2		0.5-	1
20.0	0004	5EC	(5E02)	0.5-	1
24.0	0005	5D3	(5E8)	0.5-	1
25.9	0006	5EC	&$ (5E2 &$)	0.5-	1
26.4	0007	5BC	-> 5B3	0.5-	1
35.1	0008	5E$	MINOR 2	0.5-	1
35.5	0009	4L5	ALTERED 5E	0.5-	1
36.2	0010	5E$		0.5-	1
37.9	0011	4L5		0.5-	1
38.5	0012	4E46		0.5-	1
39.4	0013	4G4#		0.5-	1
39.8	0014	4E4#		0.5-	1
40.8	0015	4EC		0.5-	1
42.4	0016	4E4		0.5-	1
42.6	0017	4G4#		0.5-	1
44.7	0018	4E4#	(4L4) SOME NC CORE	0.5-	1
45.1	0019	4G4*		0.5-	1
45.3	0020	4CC		0.5-	1
45.5	0021	4G4#		0.5-	1
46.9	0022	4L24		0.5-	1
50.9	0023	5A3	(5E2$)	0.5-	1
53.3	0024	4L24	5# -> 4C# [4LE#]	0.5-	1
53.6	0025	4LC		0.5-	1
54.0	0026	5A3		0.5-	1
56.7	0027	4L24		0.5-	1
63.4	0028	5E2$		0.5-	1
64.7	0029	4L5		0.5-	1
68.9	0030	4L24	5	0.5-	1
70.0	0031	5E$		0.5-	1
73.2	0032	4L5		0.5-	1
73.7	0033	5E20	$	0.5-	1
74.8	0034	5E$		0.5-	1
75.0	0035	5E2$		0.5-	1
75.8	0036	5E$		0.5-	1
76.2	0037	5E2$	-> 5E$	0.5-	1

DDH: FAGU139 UTM-N: 904,365.0 UTM-E: 592,347.8 UTM-ELEV: 1,153.4 TOTAL DEPTH: 76.2 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU139	0.0	7.3	CS2	Z	0	0	0	0	75	230	0	1	1	1
FAGU139	0.0	13.0	CS2	Z	0	0	0	0	80	230	0	1	1	1
FAGU139	0.0	21.3	CS2	Z	0	0	0	0	70	230	0	1	1	1
FAGU139	0.0	28.5	CS2	S	0	0	0	0	60	230	0	1	1	1
FAGU139	0.0	33.0	CS2	D	0	0	0	0	85	230	0	1	1	1
FAGU139	0.0	38.3	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGU139	0.0	44.4	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU139	0.0	49.1	CS2	Z	0	0	0	0	70	230	0	1	1	1
FAGU139	0.0	54.9	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGU139	0.0	59.6	CS2	Z	0	0	0	0	60	230	0	1	1	1
FAGU139	0.0	66.4	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU139	0.0	69.5	CS2	Z	0	0	0	0	60	230	0	1	1	1
FAGU139	0.0	74.0	PS2	P	0	0	0	0	70	230	0	1	1	1

DDH: FAGU139 UTM-N: 904,865.0 UTM-E: 592,347.8 UTM-ELEV: 1,163.4 TOTAL DEPTH: 76.2 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 -312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU139	42.7	44.2	NNN		0	0	0	0	0	0	1
FAGU139	53.3	53.6	G		0	0	0	0	0	0	1
FAGU139	53.6	54.0	B1G		0	0	0	0	0	0	1
FAGU139	54.0	55.8	B		0	0	0	0	0	0	1
FAGU139	55.8	56.1	G		0	0	0	0	0	0	1
FAGU139	56.1	56.7	B		0	0	0	0	0	0	1
FAGU139	0.0	56.7	G		0	0	0	0	0	0	1
FAGU139	0.0	62.5	G		0	0	99	999	0	0	1

[illegible] UTM-N: 904 865.0 UTM-E: 592,347.8 UTM-ELEV: 1,153.4 TOTAL DEPTH: 76.2 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU139	1	1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 6

DIAMOND DRILL CORE LOG

Date: 25 AUG 81

Hole Number: FAGU 139

Project: GRUM RELOG.

Location: 70W.

Claim:

U.T.M. ~~Terr.Plane~~ Co-ords.: 6904864.965 N

5923478 E

Grid Co-ords:

conversion of K-A surveyed grid co-ords

Elevation: 1154.0 (3.4)

Total Depth: 76.2

Purpose: GRUM U/G.

Reason hole Terminated:

Logged by: DSJ - JGS

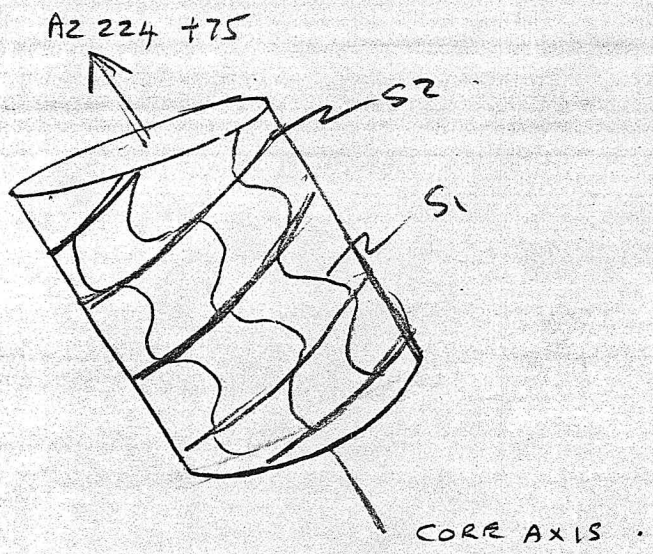
Date(s) Logged: 25 AUG 81

Drilling Contractor: C & M.

Hole Cemented:

Steel down hole:

Reference Fabric Orientation Diagram:



All symmetry determinations looking

MW with S2 dipping

SW with dip azimuth 230.

Size	CORE From	To
BQ	0	76.2

Collar Cased and Capped:

Started: Completed:

C.A.M.C. 1981 - E - 1

Cyprus Anvil Mining Corp.

DDH FAGU-139 (2–8)

Diamond Drill Core Log Date: 25 AUG-81 Logged By: DSJ - JGS

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	FAGU139	11154.0 / 3.4	9048614.9 / 5.0	5923471.8	METRES	52

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGU139	100	150.0	224.0	AT COLLAR

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

DDH F.A.G.U.1.3.9. (2 / 8) **Cyprus Anvil Mining Corp.** Page 3 of 6

Lithologic Log Date: 25 AUG 81 Logged By: DSJ JGS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1100	1156		101	15B123	V. CALC CARB PHYLL → carb phyll marbelle
L	1155	1163		102	15E1*	DOL Buff-Cream
L	1163	1193		103	15E18	Chl. Phyll marble.
L	1193	1200		104	15E01	Wkly graph (5E02) Calc variable unit.
L	1200	1240		105	15D31	(5E8) Trans 5D calc & chlor phyll marble.
L	1240	1259		106	15E01	(5E2) wkly calc mostly DOL
L	1259	1264		107	15B01	V. Calc.
L	1264	1351		108	15E19	Ferly wk. graph, DOL
L	1351	1355		109	14L151	alt o/p on 5E
L	1355	1362		110	15E1*	DOL Buff cream
L	1362	1379		111	14L151	wkly DOL alt o/p on 5E0
L	1379	1385		112	14E146	
L	1385	1394		113	14G14*	CALC
L	1394	1398		114	14E14*	CALC
L	1398	1408		115	14E101	
L	1408	1424		116	14E141	
L	1424	1426		117	14G14*	CALC
L	1426	1447		118	14E41*	CALC (4L4).
L	1447	1451		119	14G141*	
L	1451	1453		120	14C101	
L	1453	1455		121	14G141*	CALC
L	1445	1469		122	14L24	
L	1469	1509		123	15A13	(5E2 Fe Mg)
L	1509	1533		124	14L12145	→ 4C phyll wkly CALC inc 4E bands overall 4L.
L	1533	1536		125	14L01	GOUGE MIL/ATT
L	1536	1540		126	15A13	Bkn Core mined gouge MIL/ATT
L	1540	1567		127	14L124	Bkn gouge MIL/ATT 1.3 m rec. 558-561 GOUGE
L	1567	6834		128	15E21	Fe mgr Carb GOUGE 1cm lap 2cm G. 62.5 11 Sz
L	6834	6147		129	14L51	
L	6147	6189		130	14L1245	
L	6189	7100		131	15E1*	DOL Buff Cream
L	7100	7132		132	14L51	mixed (4L54) overprint on 5E
L	7132	7137		133	15E21	Calc & dol
L	7137	7148		134	15E1*	DOL Buff Cream
L	7148	7150		135	15E2*	DOL
L	7150	7158		136	15E*1	DOL BEIGE

DDH FAG4139 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date 25 Aug 81 Logged By: DSJ-JGS

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	75.8	76.2	-	37	5E2	DOL Trans → 5E * Buff creamy.
						EOH @ 76.2 m

DDH FAG4139 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: 25 AUG 18 Logged By: DSJ - JGS

Code	From	To	Feature	Sym	S_0 Dip	S_0 Direct.	S_1 Dip	S_1 Direct.	S_2 Dip	S_2 Direct	Description
1	10 14	16 20	22 24	26	28	32	34	38	40	44	
S		73	CS2	Z					75	230	Assum Sz SW dip
S		130	CS2	Z					80	230	steeper alt.
S		213	CS2	Z					70	230	
S		285	CS2	S					60	230	
S		330	CS2	D					85	230	
S		383		R					80	230	
S		444		R					70	230	
S		491	CS2	Z					70	230	
S		549		R					75	230	
S		596	CS2	Z					60	230	
S		664		R					70	230	
S		695	CS2	Z					60	230	
S		740	PS2						70	230	

DDH FAG4139 Cyprus Anvil Mining Corp

Page 6 of 6

Logged by DSJ - JGS

ASSAY LOG (SAMPLER'S COPY) Date 25AUG81 Sampled by

KERR # NB

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
P	3799	3998	111215	119		4E4	464
P	3998	4008	111216	110		4E10	
P	4008	4207	111217	119		4E41	[464] KAKENUM 90929
P	4207	4422	~~111218~~	115		4E41L	No Core left. See K.A Sample No 3983
P	4422	4555	111219	113		4G41	[4C0]
P	4555	4699	111220	114		4L214	
P							
P	5099	5333	111221	124		4L214	5
P	5333	5677	111222	334		4L10	5
P	6147	6167	111223	120		4L214	5
P	6167	6899	111224	122		4L214	5

C.A.M.C. 1981 - E - 5

DDH FAG0139 (2 … 8) meters

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	533	536	G					
F	536	540	B,I,G					
F	540	558	B					
F	558	561	G					
F	561	567	B					
F		567	G					
F		625	G			999,99		
F	HR7	442	N,N,N					

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D.D.H. Nº 76-U-139 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,658 * 70W STARTED AUGUST 1, 1976

DEPARTURE 7,653 * 2N COMPLETED AUGUST 2, 1976

ELEVATION 1,164 * PROPOSED DEPTH

* - approximated ULTIMATE DEPTH 76.2

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224°	+75°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 87%

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	5.5	CALCITIC GRAPHITIC PHYLLITE (GK). Broken poker chips.	2.2		0	5.5									
		Foliation = fissility = 85-90°. F_1 = 0-5°. Calcite as thin													
		laminae and as short stringers in random orientation.													
		Change to Bleached Phyllite @ 5.5. Contact abrupt and													
		clean = 85°.													
5.5	6.1	BLEACHED PHYLLITE. Competent. Light buff to greenish	0.6		5.5	6.1	0.6								
		Groundmass non-limy. Foliation = 85°.													
		6.1: Gradual change to Calcitic-chloritic sericite phyllite													
		(Sc+K).													
6.1	26.2	CALCITIC-CHLORITIC SERICITE PHYLLITE (Sc+K). Competent.	19.1		6.1	26.2	20.1								
		Foliation = 80-85°; F_1 = 0-5°. Calcite as thin laminae and													
		stringers. Calcite usually mark the S-shaped F_1. Chlorite													
		in groundmass with sericite. Rx has green with white stripe													
		appearance.													

LOGGED BY _____ D.D.H. NO 76-U-139 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay % Pb	Assay % Zn	Assay % Ag
		26.2: Decrease in calcitic constituent. Change is gradual-													
		contact arbitrary. Rx becoming normal Sericite													
		Phyllite (S)., with trace calcite and chlorite.													
26.2	35.2	SERICITE PHYLLITE W/TRACE CALCITE AND CHLORITE (S+C+K).	7.8		26.2	35.2	9.0								
		Competent. Foliation = 85-90°; F = 0-5°. Calcite as													
		randomly oriented stringers.													
		28.7-28.8: Small fault. Light gray gouge with phyllite													
		fragments and sericite flakes.													
		32.2-32.4: FAULT. Small interval grayish gouge with phyllite													
		flakes.													
		35.2: Graudal change to Bleached Sericite Phyllite (Sb).													
35.2	37.0	BLEACHED SERICITE PHYLLITE (Sb). Poker chips. Light to	1.7		35.2	37.0	1.8								
		silvery gray. Foliation = 85-90°. F = 0-5°. Trace													
		calcite in thin laminae.													
		37.0: Gradual change to Quartz-sulfide with bleached													
		sericite laminae (P-Sb).													
37.0	47.0	QUARTZ-SULFIDE W/BLEACHED PHYLLITE (P-Sb), slowly changing													
		to massive sulfide (M) @ 38.5. Foliation = 85-90° @ 40 8	2.1	3980	37.0	39.6	2.6	6.35	6.50	86.74			16.51	16.90	225.5
					(39.6	40.0	0.4)						(1.03	0.30	14.5\

LOGGED BY _____ D.D.H. NO 76-D-139 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		44.3-44.5: Porous variety. Voids aligned = 75-80°. 75 7	1.2	3982	41.1	42.7	1.6	3.70	3.40	65.49			5.92	5.44	104.8
		Some barite in groundmass. 75 7	1.5	3983	42.7	44.2	1.5	5.97	5.15	82.63			8.96	7.73	123.9
		44.5-44.7: Sulfide Bx (MXs). Sulfide angular frag- 30 7	2.3	3984	44.2	47.0	2.8	4.55	3.73	59.31			12.74	10.50	156.1
		ments Ø = 0.5-1.5cm cemented by sulfides and													
		other black materials.		W.Av.	37.0	40.0	3.0	5.85	5.73	80.0			17.54	17.20	240.0
		45.7-47.0: Transition zone. Bleached phyllite with de-		W.Av.	42.7	47.0	4.3	5.05	4.24	67.4			21.70	18.23	290.0
		creasing amount of mineralization.		W.Av.	37.0	47.0	10.0	4.80	4.17	67.5			48.00	41.70	674.8
		47.0: Abrupt change to graphitic phyllite (G). Contact													
		broken ground.													
47.0	48.8	GRAPHITIC PHYLLITE W/TRACE CALCITE (GK). Easily breaks into	1.7		47.0	48.8	1.8								
		poker chips. Folliation = fissility = 75-80°; F_1 = 0-5°.													
		47.3: Shear.													
		48.8: Gradual change to graphtici sericite phyllite (Sg).													
		Calcite decreasing.													
48.8	51.0	GRAPHTIC SERICITE PHYLLITE (SG). Competent. Foliation = 65-	2.0		48.8	51.0	2.2								
		70°. No clear F_1 / F_2 relationship noted.													
		51.0: Gradual change to mineralized bleached phyllite (P-Sb).													
51.0	57.8	MINERALIZED BLEACHED PHYLLITE (P-Sb) W/short intervals of													

D.D.H. NO. 76-U-139 PAGE 4

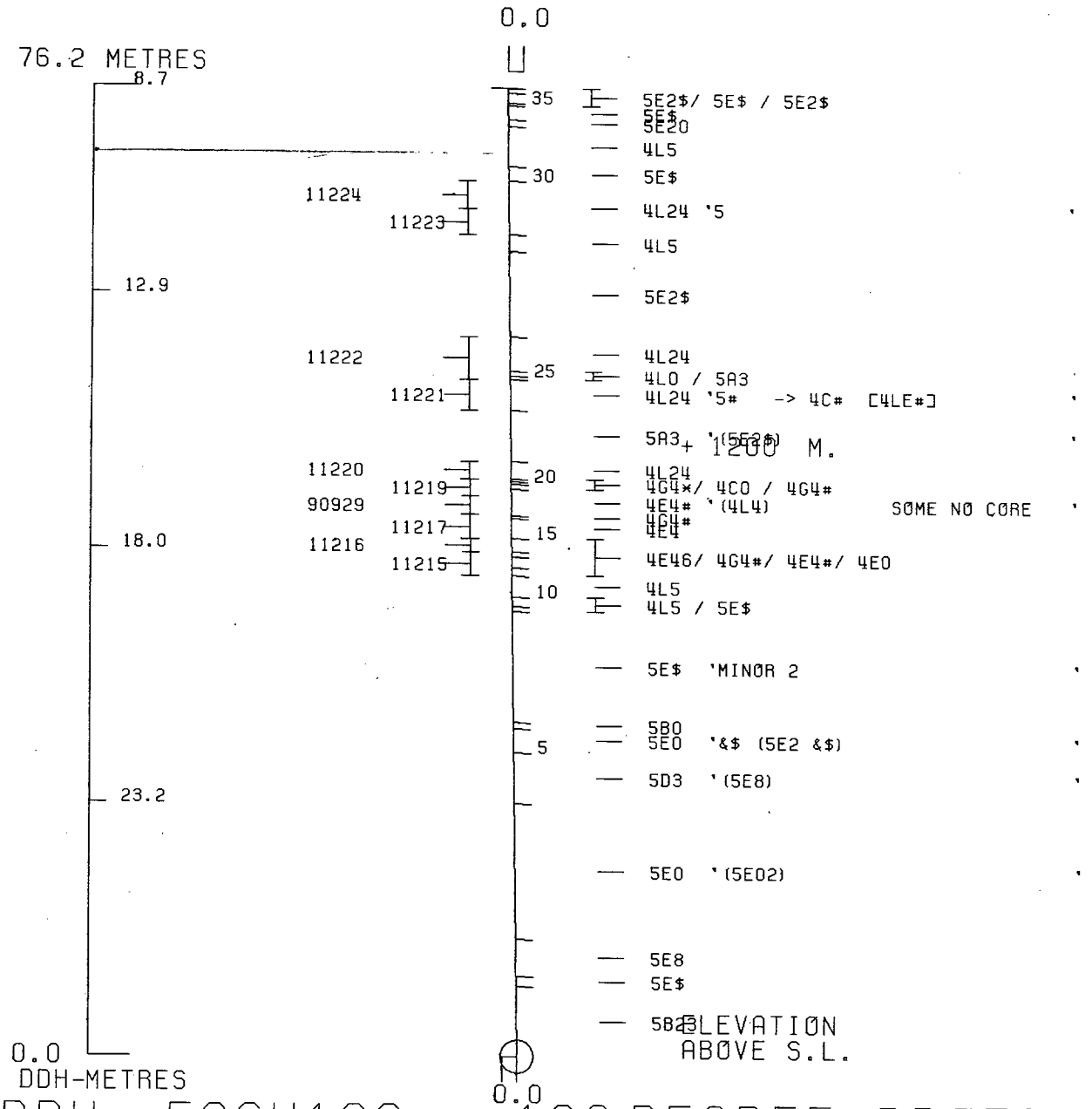
LOGGED BY

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		Foliation = 75-80°. Wide sulfide bands alternating with													
		greenish-white bleached sericite. 30 5	1.5	3986	51.0	53.3	2.3	1.50	1.50	15.09			3.45	3.45	34.7
		53.5-54: Graphitic sericite phyllite interval. 30 5	2.0	3987	53.3	57.8	4.5	1.25	1.18	13.03			5.63	5.31	58.6
		Foliation = 75°, F = 5°. Trace calcite.													
		53.3-54.4: Very poor core recovery. Some sheared span.		W.Av.	51.0	57.8	6.8	1.34	1.29	13.7			9.08	8.76	93.3
		56-56.3: FAULT. White gouge with sulfide phyllite fragments													
		57.8: Shear contact with dark Sericite phyllite with													
		intercalated graphitic phyllite run (S+G).													
57.8	63.5	DARK SERICITE PHYLLITE (S) W/INTERCALATED SHORT RUNS OF	5.0		57.8	63.5	5.7								
		GRAPHITIC PHYLLITE (G). Broken, blocky core. Foliation =													
		65-70°. F = 0-5° marked by calcite.													
		62.4-62.5: FAULT. Black gouge. Sticky, thick graphitic													
		with sericite/graphite flakes.													
		63.5: Change to bleached phyllite. Contact abrupt, broken													
		ground.													
63.5	72.9	BLEACHED PHYLLITE (Sb) WITH SOME MINERALIZED INTERVAL (P-Sb).	1.0		63.5	64.5	1.0								
		Broken core. White with greenish hue in groundmass.													
		Foliation = 75-80°; F = 0-5°													
		64.5-67.5: Mineralized interval. Laminae of sulfides 30 6	2.9	3985	64.5	67.5	3.0	4.10	3.25	54.51					

LOGGED BY _____ D.D.H. NO 76-U-139 PAGE 5

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		66.0: Fold nose.	4.5		67.5	72.9	5.4								
		72.9: Abrupt change to Sericite Phyllite (S).													
72.9	76.2	DARK SERICITE PHYLLITE (S) WITH SHORT INTERVALS OF BLEACHED	6.0		72.9	76.2	6.7								
		PHYLLITE (Sb). Broken core. F_2 = 75-80°. No clear F_1													
		noted.													
		74.7-75.6: Bleached phyllite interval. Buff-green colour.													
		Calcite as stringers.													
	76.2	END OF HOLE.													

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 18 OCT 1985 2:58 PM



DDH: FAGU139 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

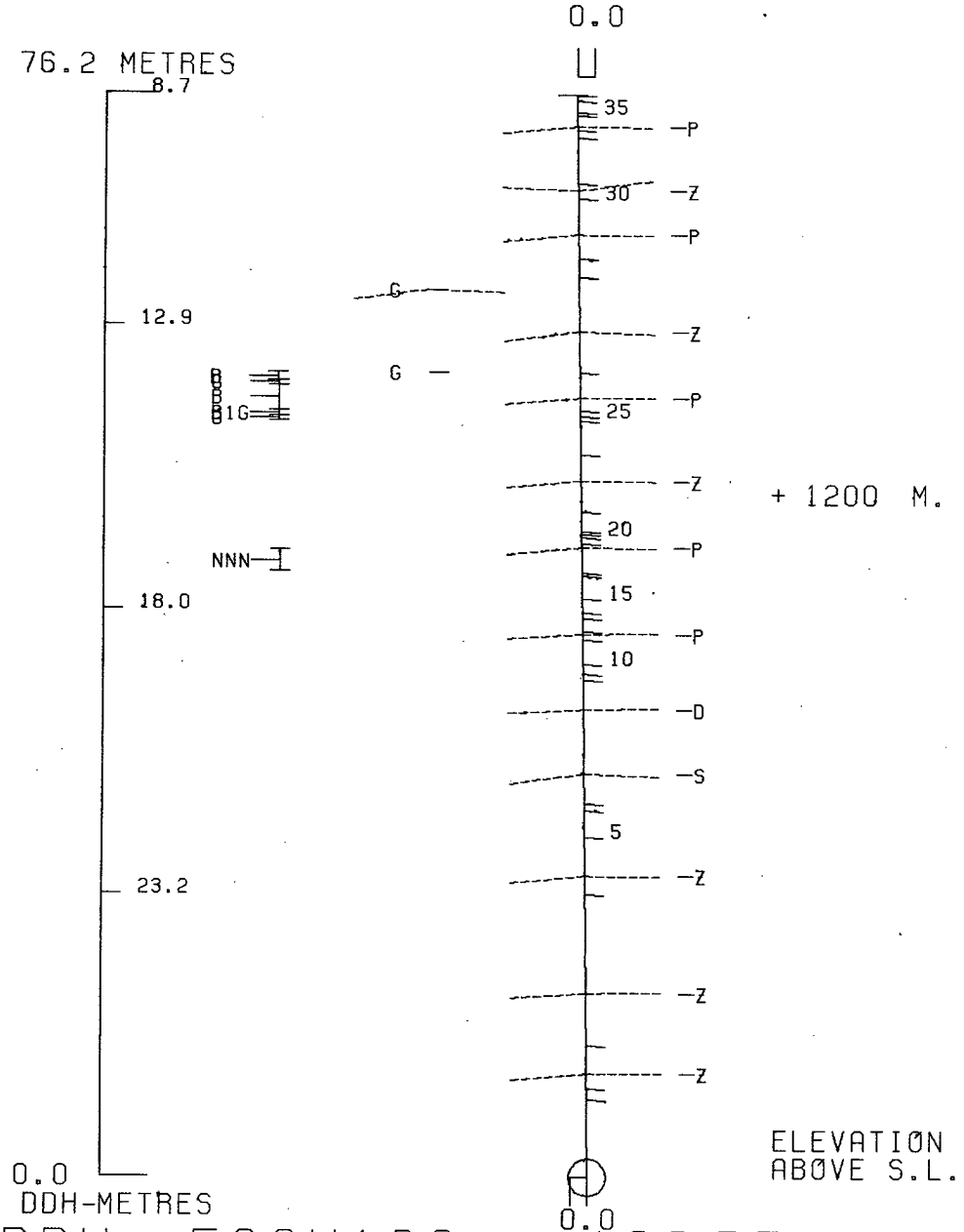
ELEV:1153 592348E ; 904865N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 575.4 Z = 1153.4

SECTION NAME: 01N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 18 OCT 1985 2:56 PM



DDH: FAGU139 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1153 592348E ; 904865N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 575.4 Z = 1153.4

SECTION NAME: 01N

GRUM DATABASE - QUIZ REPORT

84/10/16

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
																2.53		.77
								.18	.59	1.94	26.0					1.95		.81
								.26	.37	1.58	25.0					1.49		.61
FAGU141	9465	.0	2.2	2.2	50	4AO		.15	.58	.91	24.0					1.85	20.69	.77
	9466	2.2	4.5	2.3	96	4AO		.14	.43	1.42	18.0	.62	1.79	18.90		11.50	18.02	.61
	9467	4.5	5.7	1.2	100	4AO	3.50	.15	4.50	7.00	66.0	1.44	1.62	16.40		20.10	30.53	.63
	9468	5.7	7.6	1.9	100	4AO	3.60	.15	7.40	12.70	103.0	3.29	2.33	28.20		20.10	30.47	.61
	9469	7.6	9.2	1.6	94	4A4	4.81	.08	7.80	12.30	118.0	1.78	1.97	28.50		11.50	28.86	.57
	9470	9.2	10.8	1.6	100	4E4	4.65	.07	5.00	6.50	98.0	1.37	2.16	26.70		20.70	23.37	.66
	9471	10.8	12.5	1.7	100	4E4	4.07	.05	7.00	13.70	96.0	1.37	2.27	21.10		11.60	29.92	.68
	9472	12.5	13.0	.5	100	4DO	4.18	.17	3.70	7.90	68.0	1.78	.62	29.30		21.20	20.96	.61
	9473	13.0	14.0	1.0	100	4E4	4.58	.12	8.30	12.90	130.0	1.92	2.46	18.50		14.75	24.03	.87
	9474	14.0	14.4	.4	100	4G4	4.03	.19	1.95	12.80	39.0	1.71	2.23	21.80		13.70	19.80	.47
	9475	14.4	16.4	2.0	100	4D4	3.58	.12	7.30	6.40	95.0	2.33	1.40	18.40		13.10	21.46	.52
	9476	16.4	17.6	1.2	100	4D34	3.75	.32	6.30	6.80	93.0	2.40	2.46	19.00		10.70	21.98	.43
	9477	17.6	18.5	.9	100	4A4	3.80	.17	6.10	4.60	98.0	2.19	1.58	20.40		4.00	32.00	.35
	9478	18.5	19.9	1.4	100	4D4	3.82	.39	2.60	1.40	46.0	2.88	2.10	29.90		18.30	15.86	.58
	9479	19.9	21.3	1.4	57	4D4	4.39	.21	7.60	10.70	125.0	1.99	3.06	12.80		13.60	25.64	.62
	9480	21.3	22.4	1.1	100	4C3	3.61	.17	5.20	8.40	93.0	.89	2.14	23.50		12.20	9.01	.67
	9481	22.4	24.1	1.7	76	4D43	4.40	.05	4.00	8.20	76.0	.62	.51	8.50				
	9482	59.8	61.5	1.7	100	4GE4	4.48											
	9483	61.5	62.7	1.2	100	4G4												

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU141	9465	4A0	.52	.68	2.89				95.91	*							
	9466	4A0	.75	.43	2.36				96.47	*							
	9467	4A0	.43	.67	1.36				97.54	*							
	9468	4A0	.40	.50	2.12	2.82	40.64		53.52	*	.33	.23	1.83	2.12	28.13		67.36
	9469	4A4	.43	5.20	10.44	2.55	35.27		46.12	*	.37	2.49	9.39	1.99	25.39		60.36
	9470	4E4	.43	8.55	18.93	3.66	60.64		7.78	*	.47	5.24	21.78	3.67	55.82		13.02
	9471	4E4	.23	9.01	18.34	3.10	61.29		8.04	*	.25	5.54	21.13	3.10	56.50		13.47
	9472	4D0	.20	5.77	9.69	3.40	57.42		23.52	*	.20	3.21	10.09	3.08	47.82		35.61
	9473	4E4	.14	8.08	20.42	3.57	45.38		22.40	*	.14	4.45	21.09	3.20	37.48		33.64
	9474	4G4	.49	4.27	11.78	.98	63.01		19.47	*	.50	2.42	12.52	.90	53.57		30.10
	9475	4D4	.35	9.59	19.23	3.87	39.78		27.18	*	.33	5.14	19.35	3.38	32.02		39.78
	9476	4D34	.55	2.25	19.08	3.51	46.88		27.73	*	.51	1.18	18.76	3.00	36.88		39.66
	9477	4A4	.35	8.43	9.54	2.20	39.57		39.91	*	.31	4.24	9.00	1.81	29.87		54.77
	9478	4D4	.92	7.28	10.14	3.87	40.86		36.93	*	.84	3.71	9.68	3.21	31.23		51.32
	9479	4D4	.49	7.04	6.86	2.48	43.87		39.25	*	.44	3.56	6.50	2.05	33.29		54.15
	9480	4C3	1.13	3.00	2.09	3.30	64.30		26.18	*	1.10	1.65	2.15	2.96	52.95		39.20
	9481	4D43	.61	8.78	15.95	4.81	27.53		42.33	*	.53	4.30	14.64	3.84	20.21		56.49
	9482	4GE4	.49	6.01	12.52	3.37	50.54		27.08	*	.47	3.24	12.66	2.96	40.86		39.81
	9483	4G4	.14	4.62	12.22	.80	18.28		63.93	*	.11	2.00	9.93	.57	11.88		75.52

DRILL HOLE	:	FAGU141
NORTHING	:	904,787.4
EASTING	:	592,442.5
ELEVATION	:	1,167.8
TOTAL DEPTH	:	96.2
SECTION	:	W 66
R.F.E.	:	S2
RFE DIRECTION:		230
PLUNGE ANGLE :		11
PLUNGE DIRECT:		312
DHD CALC:		1
SS CALC:		1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	19
NOS DOWN-H-SURVEYS:	3
NOS DOWN-H-LITHOLOGY:	27
NOS DOWN-H-STRUCTURE:	15
NOS DOWN-H-FAULTS:	11
NOS DOWN-H-SPLINES:	3
NOS COMPOSITES:	0

DDH: FAGU141 UTM-N: 904,787.4 UTM-E: 592,442.5 UTM-ELEV: 1,167.8 TOTAL DEPTH: 96.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.2	09465	2.2	1.1	4A0		.18	.59	1.94	26.00											
2.2	4.5	09466	2.3	2.2	4A0		.26	.37	1.58	25.00											
4.5	5.7	09467	1.2	1.2	4A0		.15	.58	.91	24.00											
5.7	7.6	09468	1.9	1.9	4A0	3.50	.14	.43	1.42	18.00		.62	1	18	20						
7.6	9.2	09469	1.6	1.5	4A4	3.60	.15	4.50	7.00	66.00		1.44	1	16	18						
9.2	10.8	09470	1.6	1.6	4E4	4.81	.15	7.40	12.70	103.00	108.00	3.29	2	28	30						
10.8	12.5	09471	1.7	1.7	4E4	4.65	.08	7.80	12.30	118.00		1.78	1	28	30						
12.5	13.0	09472	.5	.5	4D0	4.07	.07	5.00	6.50	98.00		1.37	2	26	28						
13.0	14.0	09473	1.0	1.0	4E4	4.18	.05	7.00	13.70	96.00		1.37	2	21	23						
14.0	14.4	09474	.4	.4	4G4	4.58	.17	3.70	7.90	68.00		1.78		29	29						
14.4	16.4	09475	2.0	2.0	4D4	4.03	.12	8.30	12.90	130.00		1.92	2	18	20						
16.4	17.6	09476	1.2	1.2	4D34	3.58	.19	1.95	12.80	39.00		1.71	2	21	24						
17.6	18.5	09477	.9	.9	4A4	3.75	.12	7.30	6.40	95.00		2.33	1	18	19						
18.5	19.9	09478	1.4	1.4	4D4	3.80	.32	6.30	6.80	93.00		2.40	2	19	21						
19.9	21.3	09479	1.4	.8	4D4	3.82	.17	6.10	4.60	98.00		2.19	1	20	21						
21.3	22.4	09480	1.1	1.1	4C3	4.39	.39	2.60	1.40	46.00	49.00	2.88	2	29	32						
22.4	24.1	09481	1.7	1.3	4D43	3.61	.21	7.60	10.70	125.00		1.99	3	12	15						
59.8	61.5	09482	1.7	1.7	4GE4	4.40	.17	5.20	8.40	93.00		.89	2	23	25						
61.5	62.7	09483	1.2	1.2	4G4	4.48	.05	4.00	8.20	76.00		.62		8	9						
WEIGHTED AVERAGE																					
.0	24.1		24.1	21.8		3.04	.17	4.38	6.92	72.35	9.40	1.47	1	16	17						
59.8	62.7		2.9	2.9		4.43	.12	4.70	8.31	85.96		.77	1	17	18						

DDH: FAGU141 UTM-N: 904,787.4 UTM-E: 592,442.5 UTM-ELEV: 1,167.8 TOTAL DEPTH: 96.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	89.700	227.100
42.700	91.000	234.000
94.500	90.000	239.000

DDH: FAGU141 UTM-N: 904,787.4 UTM-E: 592,442.5 UTM-ELEV: 1,167.8 TOTAL DEPTH: 96.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.5	0001	4A0		0.5-	1
5.7	0002	4A0	BXA	0.5-	1
7.6	0003	4A0		0.5-	1
9.2	0004	4A4		0.5-	1
12.5	0005	4E4	-> 4E0 LOCALLY	0.5-	1
13.0	0006	4C0		0.5-	1
14.0	0007	4E4	(4C0)	0.5-	1
14.4	0008	4G4		0.5-	1
17.6	0009	4D4	(4C3) (4A1) MINOR	0.5-	1
18.5	0010	4A4		0.5-	1
22.4	0011	4D4	(4C3)	0.5-	1
24.1	0012	4D43		0.5-	1
26.4	0013	4L0		0.5-	1
28.2	0014	5B26		0.5-	1
29.0	0015	5B0$	&4	0.5-	1
45.1	0016	5B2$		0.5-	1
45.7	0017	5B26	?	0.5-	1
58.9	0018	5B2$		0.5-	1
59.4	0019	5B26	?	0.5-	1
62.7	0020	4GE	[4E0 (4G0)]	0.5-	1
67.0	0021	5A0	?	0.5-	1
69.1	0022	5B2$		0.5-	1
71.2	0023	4L0		0.5-	1
91.2	0024	5B80		0.5-	1
92.5	0025	5D0		0.5-	1
93.6	0026	5B80		0.5-	1
96.3	0027	5B0$		0.5-	1

DDH: FAGU141 UTM-N: 904,787.4 UTM-E: 592,442.5 UTM-ELEV: 1,167.8 TOTAL DEPTH: 96.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU141	0.0	6.1	PS2		0	0	0	0	50	230	0	1	1	1
FAGU141	0.0	7.6	PS2		0	0	0	0	55	230	0	1	1	1
FAGU141	0.0	24.4	PS2		0	0	0	0	32	230	0	1	1	1
FAGU141	0.0	30.5	PS2		0	0	0	0	20	230	0	1	1	1
FAGU141	0.0	35.1	PS2		0	0	0	0	15	230	0	1	1	1
FAGU141	0.0	40.2	PS2		0	0	0	0	35	230	0	1	1	1
FAGU141	0.0	45.7	PS2		0	0	0	0	30	230	0	1	1	1
FAGU141	0.0	55.0	PS2		0	0	0	0	50	230	0	1	1	1
FAGU141	0.0	67.8	PS2		0	0	0	0	25	230	0	1	1	1
FAGU141	0.0	72.4	PS2		0	0	0	0	36	230	0	1	1	1
FAGU141	0.0	77.3	PS2		0	0	0	0	20	230	0	1	1	1
FAGU141	0.0	82.3	PS2		0	0	0	0	31	230	0	1	1	1
FAGU141	0.0	88.4	PS2		0	0	0	0	45	230	0	1	1	1
FAGU141	0.0	93.0	PS2		0	0	0	0	40	230	0	1	1	1
FAGU141	0.1	96.3	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGU141 UTM-N: 904,787.4 UTM-E: 592,442.5 UTM-ELEV: 1,167.8 TOTAL DEPTH: 96.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU141	4.5	5.7	D		0	0	0	0	0	0	1
FAGU141	9.6	9.8	D		0	0	0	0	0	0	1
FAGU141	23.2	24.1	X?D		0	0	0	0	0	0	1
FAGU141	0.0	24.1	G		0	0	0	0	0	0	1
FAGU141	0.0	26.4	G		0	0	0	0	0	0	1
FAGU141	26.4	28.2	3B		0	0	0	0	0	0	1
FAGU141	29.0	45.1	3B		0	0	0	0	0	0	1
FAGU141	45.1	45.7	G		0	0	0	0	0	0	1
FAGU141	58.9	59.8	G		0	0	0	0	0	0	1
FAGU141	61.0	61.3	1D		0	0	0	0	0	0	1
FAGU141	62.7	67.0	G		0	0	0	0	0	0	1

DDH: FAGU141 UTM-N: 904,787.4 UTM-E: 592,442.5 UTM-ELEV: 1,167.8 TOTAL DEPTH: 96.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU141	1	2
FAGU141	2	2
FAGU141	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U141

Project: Grum Relog

Location: Vangorda Plateau

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 6904787.~~7870~~ 366 N

592442.~~8602~~ 4946 E

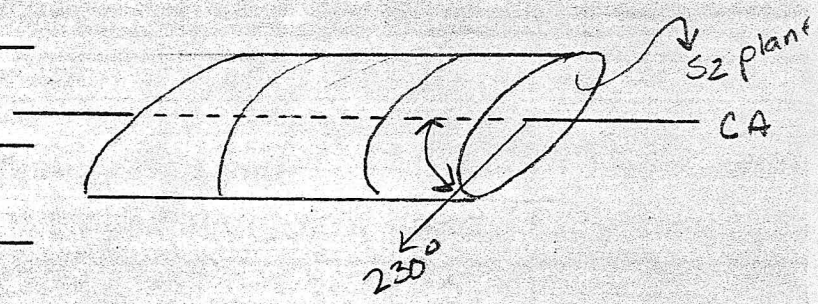
onversion K-A surveyed grid co-ords

Grid Co-ords.: 66W/2N

Elevation: 1167.~~95~~ 846

Total Depth: 96.3 m

Fabric Orientation Diagram:



All symmetry determinations looking NW with S_2 dipping SW with dip azimuth 230.

Purpose:

Logged by: JSM

Date(s) Logged:

Drilling Contractor:

Core:

Size	From	To
BQ	0	96.3

Collar Cased and Capped:

Started: August 5, 1976 Completed: August 8, 1976

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U141

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	76-U141	1167.9	9047887.A	592442.9	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	76-U141	0.0	89.7	225.5	AT COLLAR
R	76-U141	42.7	91.0	234.0	SPERRY SUN
R	76-U141	94.5	90.0	239.0	
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

227.1 for True North

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

DDH 7.6-U14.1 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	0 0	4 5	1	4A0	1-2% PbZn fractured sub // ca.
L	4 5	5 7	2	4A0	bxia well healed, py qtzite clasts + graphitic matrix
L	5 7	7 6	3	4A0	1-2% PbZn 7.0-7.3 py/qtz bands 0.08 m width.
L	7 6	9 2	4	4A4	10% PbZn gradational lower ctc over 0.2 m minor sp.
L	9 2	12 5	5	4E4	High grade though TOI + EOI → 4E0 20-25% PbZn
					note - well healed sfd bxia @ ~9.6-9.8 fractures sub // c.a.
⇒					-qtz @ 10.6 (ie 4C0) 0.1 m.
L	12 5	13 0	6	4C0	banded py + qtz 35° to C.A.
⇒ L	13 0	14 0	7	4E4	(4C0) 20-25% PbZn qtz as 2 narrow 0.1 m bands 13.5 & 13.8 m
L	14 0	14 4	8	4G0	v. little PbZn visible fold hinge??
⇒ L	14 4	17 6	9	4D4	(4C3) PbZn concentrated in thick (→1.0 m) bands, qtz
					concentrated in PbZn poor zones
					This interval could be broken down more but that
					would be too nit picky eg 15.8-16.1 (4E4 (4A1)) & 16.4-17.6 4C3
L	17 6	18 5	10	4A4	(portions of unit sulphide supported bx ie fold no
L	18 5	22 4	11	4D4	(4C3) as unit 9 the concentrations of PbZn are not easily
⇒					broken out. Interval ends w/ a well banded 4C3 (21.3-22.
					but banding is ⊥ to C.A. vertical (unusual)
⇒ L	22 4	24 1	12	4D4	Higher grade than unit 11. Upper part of unit banded
					qtz/sulphides, lower 0.9 m = massive PbZn minor py 20% qtz poss. bxtd into sulphide supported
L	24 1	26 4	13	4L0	gouge @ TOI + EOI (poss fold nose
L	26 4	28 2	14	5B2	6 Very broken core which could be due to the
					inclination of hole relative to foliation (S_2)
					rather than due to structural disturbance
L	28 2	29 0	15	5B0	w/ $FeCO_3^=$ incipient white mica (5B4?) (4L5?)
L	29 0	45 1	16	5B2	w/ $FeCO_3^=$ core broken as unit 14
L	45 1	45 7	17	5B2	? gouge
L	45 7	58 9	18	5B2	$FeCO_3^=$ as before
L	58 9	59 8	19	5B2	? gouge
⇒ L	59 8	62 7	20	4GE	(4G0) Interbanded 4G0/4E0 to 61.5; 4G0 61.5-62.7 weak bx 61.0-61.3
L	62 7	67 0	21	5A0	? black graphitic gouge
L	67 0	69 1	22	5B2	$FeCO_3^=$
L	69 1	71 2	23	4L0	(5B4, no sfds)
L	71 2	91 2	24	5B8	0 strongly calc
L	91 2	92 5	25	5D3	massive green, strongly calc
L	92 5	93 6	26	5B8	0 as 24

change by nit picker the ultimate

st change

DDH 76-U141 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1936	1963	27	5B0	$FeCO_3^=$
		EOH			

DDH 76-U.1.4.1 (2 – 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JSM

Code	From	To	Feature	Sym	S_1 Dip	S_1 Direct.	S_2 Dip	S_2 Direct.	Description
1	10 – 14	16 – 20	22 – 24	26	28	32	34	38	
S		61	PS2				50	230	R region 0-23.1
S		76	PS2				55	230	
S		231	F2	R					P region 23.1-
S		244	PS2				32	230	Less than 5 sym determ S+Z
S		305	PS2				20	230	
S		351	PS2				15	230	
S		402	PS2				35	230	
S		457	PS2				30	230	
S		550	PS2				50	230	
S		594	F2	P					R region 594-62.7
S		627	F2	R					P region 62.7-96.3
S		678	PS2				25	230	gouge to 67.0
S		724	PS2				36	230	
S		773	PS2				20	230	
S		823	PS2				31	230	
S		884	PS2				45	230	
S		930	PS2				40	230	
S		963	F2	P					EOH

DDH 76-414.1 (2 … 8)

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

Logged By: JSM

Sampled By: KA

Code	From	To	Sample No.	Description	Length	Rec'v	Units
1	10 … 14	16 … 20	22 … 27				
P	100	130	H1111	KA	3.0	0.9	4AO
P	130	146	H1112	KA	1.6	1.2	4AO
P	146	161	H1113	KA	1.5	1.4	4AO
P	161	176	H1114	KA	1.5	1.4	4AO
P	176	191	H1115	KA	1.5	1.3	4A4
P	191	1107	H1116	KA	1.6	1.4	NE4
P	1107	1122	H1117	KA	1.5	1.4	4E4
P	1122	1137	H1118	KA	1.5	1.3	4E4 4CO 4EA1
P	1137	1152	H1119	KA	1.5	1.4	4E41 4GO
P	1152	1168	H1120	KA	1.6	1.4	4E41
P	1168	1183	H1121	KA	1.5	1.3	4E41 4A4
P	1183	1198	H1122	KA	1.5	1.5	4E41
P	1198	1213	H1123	KA	1.5	0.8	4E41
P	1213	1240	H1124	KA	2.7	2.1	4E41
P	598	613	H1125	KA	1.5	0.8	4GE
P	613	627	H1126	KA	1.4	0.7	4GE

DDH 76-U141 Cyprus Anvil Mining Corp

Page 6 of 6

Logged by PST

ASSAY LOG (SAMPLER'S COPY) Date Aug 18/81 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
1	10 14	16 20	22 26	28 30	32 34	36 40	42	
P	00	22	9465	22	11	4A0		1
P	22	45	9466	23	22	4A0		
P	45	57	9467	12	12	4A0	bx	
P	57	76	9468	21	21	4A0		
P	76	92	9469	15	15	4A4		4
P	92	108	9470	16	16	4E4		
P	108	125	9471	17	17	4E4		5
P	125	130	9472	05	05	4C0		6
P	130	140	9473	10	10	4E4	(4C0)	
P	140	144	9474	04	04	4G0		8
P	144	164	9475	20	20	4D4		9
P	164	176	9476	12	12	4C3		9
P	176	185	9477	09	09	4A4		
P	185	199	9478	14	14	4D4		10
P	199	213	9479	14	08	4D4		
P	213	224	9480	11	11	4C3		10
P	224	241	9481	17	13	4D4		11
P	598	615	9482	17	17	4GE		20
P	615	627	9483	12	12	4G0		20

DDH FAGU141 (2–8) meters

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10–14	16–20	22–24	26	28–32	34–38	40–44	
F	45	57	D					
F	96	98	D					
F	232	241	XPD					
F		241	G					
F		264	G					
F	264	282	3B					
F	290	451	3B					
F	451	457	G					
F	589	598	G					
F	610	613	1D					
F	627	670	G					

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO

D.D.H. Nº 76-U-141 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,581.782 ? 66W STARTED AUGUST 5, 1976

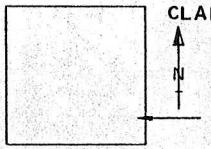
DEPARTURE 7,747.787 ? 2N COMPLETED AUGUST 8, 1976

ELEVATION 1,178.564 ? Drift changed PROPOSED DEPTH 120m

ULTIMATE DEPTH

CLAIM Nº

HOLE SURVEY:		
DEPTH	BEARING	DIP
collar	224	0
42.7	231	-1
94.5	238	0



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

NOTE: Hole stopped due to high pressure water and squeezing ground.

TOTAL CORE RECOVERY: 78%

Interval From	Interval To	DESCRIPTION	Zn+ Py	Zn+ Pb	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	9.1	MINERALIZED GRAPHITIC PHYLLITE (PG). Broken, blocky	30	5	0.9	4111	0	3.0	3.0	0.58	1.45	20.23					
		core. Foliation = 75-80° (F = 90°) - could be	30	4	1.2	4112	3.0	4.6	1.6	0.18	1.33	12.00			1.57	PbZn	
		F.	20	3	1.4	4113	4.6	6.1	1.5	0.60	0.85	25.37			1.45	PbZn	
		3.1: Fold nose. F = 0° with closure marked by	25	3	1.4	4114	6.1	7.6	1.5	0.45	1.35	12.00			1.80	PbZn	
		sulfides with crenulated laminae.	30	6	1.3	4115	7.6	9.1	1.5	4.65	6.03	54.51			6.98	9.05	81.77
		4.5-5.1: Sulfide Bx. Ø = 1mm-1.5cm. Well cemented	75	10	1.4	4116	9.1	10.7	1.6	7.64	13.31	106.97			12.22	21.30	171.15
		by graphite.	75	12	1.4	4117	10.7	12.2	1.5	9.64	13.74	122.1			14.46	20.61	183.09
		9.1: Abrupt change to Massive sulfide zone.	75	15	1.3	4118	12.2	13.7	1.5	7.11	11.16	107.0			10.67	16.74	160.46
		Contact broken ground.	75	12	1.4	4119	13.7	15.2	1.5	6.40	11.44	89.83			9.6	17.16	134.75
			75	18	1.4	4120	15.2	16.8	1.6	7.36	10.92	107.0			11.78	17.44	171.15
9.1	24.0	MASSIVE SULFIDE (M). Some porous variety (MV) and	70	8	1.3	4121	16.8	18.3	1.5	4.48	3.56	55.54			6.72	5.34	83.31
		some with quartz inclusions (MIq). Generally com-	70	8	1.5	4122	18.3	19.8	1.5	5.56	4.68	70.63			8.34	7.02	105.95
		petent except in the friable porous variety. Compo-	70	10	0.8	4123	19.8	21.3	1.5	6.64	6.22	94.63			9.96	9.33	141.95
		sitional bands = 75-80°. Same trend for void	75	15	2.1	4124	21.3	24.0	2.7	5.99	7.62	84.69			16.17	20.57	228.66
		alignments in porous ground.															
		19.8-22.9: Barite in groundmass.				W.Av.	7.6	24.0	16.4	6.52	8.82	89.16			106.90	114.59	1462.2
		24.0: Sharp clean contact with bleached Phyllite (Sb) = 35°.				W.Av.	3.0	7.6	4.6	1.59	PbZn						

LOGGED BY _____ D.D.H. NO 76-U-141 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
24.0	26.3	BLEACHED PHYLLITE (Sb). Soft core. Foliation = 25-30°.	1.7		24.0	26.3	2.3								
		F_1 could be almost parallel to F_2. 25.7; 26: Fold noses.													
		26.3: Shear contact with graphitic phyllite (G).													
26.3	35.1	GRAPHITIC PHYLLITE (G). Fissile, easily breaks into poker	8.5		26.3	35.1	8.8								
		chips. Foliation = 25°; F_1 = 10°. Numerous fold noses.													
		28.5-29: Bleached phyllite interval; flakey. Buff to light													
		gray. Contacts broken ground. Foliation = 10-15°.													
		27; 27.6; 28.5; 29.3; 30.6; 32.7; 33.7: Fold noses.													
		35.1: Decrease in graphite laminae. Rx becoming sericite													
		phyllite (S).													
35.1	50.3	SERICITE PHYLLITE (S). Flakey. Foliation = 0-5° due to	11.7		35.1	50.3	15.2								
		fold noses. Calcites as randomly oriented stringers.													
		36; 37; 40; 40.5; 43.5; 47.2; 47.5: Fold noses.													
		44.5-45.2: FAULT. Black gouge with phyllite flakes.													
		50.3: Change to Graphitic Sericite Phyllite (SG). Contacts													
		broken flakey ground.													
50.3	59.8	GRAPHITIC SERICITE PHYLLITE (SG). Broken fragmented flakey	4.2		50.3	59.8	9.5								
		core. Very poor core recovery. Foliation = 50° (rough est.)													

LOGGED BY _____ D.D.H. NO 76-U-141 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		59.4-59.8: FAULT. Black thick sticky gouge. Contact with													
		massive sulfide with barite in groundmass.													
		Contact = 30° and ground immediately around is													
		brecciated sulfide (for about 5cm along core													
		axis).													
59.8	62.7	MASSIVE SULFIDE WITH BARITE IN GROUNDMASS (Mb) and 65 8	0.8	4125	59.8	61.3	1.5	5.51	9.25	86.74			8.27	13.88	130.11
		interval of sulfide breccia (MXs). Broken, blocky 50 6	0.7	4126	61.3	62.7	1.4	4.45	8.64	75.77			6.23	12.10	106.08
		from pebbles to 3cm long core. Compositional band = 40-45°.		W.Av.	58.8	62.7	2.9	5.00	8.96	81.44			14.50	25.98	236.19
		60.5-61.3: Sulfide breccia. Bx fragments Ø = 1mm-1.5cm		W.Av.	59.8	63.8	4.0	3.63	6.5	59.0					
		cemented by sulfide and other dark fine grain													
		materials.													
		62.7: Sharp clean contact with Graphitic Phyllite. Contact													
		= 85°.													
62.7	68.6	GRAPHITIC PHYLLITE (G). Broken soft core. Gougey in most	2.8		62.7	68.6	5.9								
		part of run. Solid core @ 67.3-67.9 show foliation = 0-5°.													
		Fold nose at 67.5.													
		63-64; 64.5-67.1: FAULT. Black, sticky, thick gouge.													
		68.6: Sharp contact with bleached phyllite = 30°.													

LOGGED BY _____ D.D.H. NO 76-U-141 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
68.6	70.2	BLEACHED PHYLLITE (Sb). Competent. White with greenish	1.6		68.6	70.2	1.6								
		laminae (chlorite). Foliation = 30-35°. Blebs of sulfides.													
		70.2: Fault contact with chloritic-calcitic phyllite. Fault													
		gouge 10cm long is white, sticky and thick with quartz													
		and phyllite fragments. Walls appear to be = 85°.													
70.2	94.5	CHLORITIC-CALCITIC SERICITE PHYLLITE (Sc+K). Competent.	23.9		70.2	94.5	24.3								
		Stripes of green and white. Foliation = F_2 = 25-30°; F_1 =													
		80-85°.													
		94.5: Decrease in calcitic constituent. Rx becoming just													
		chloritic sericite phyllite (Sc).													
94.5	96.3	CHLORITIC SERICITE PHYLLITE (Sc). Broken core. Foliation =	0.5		94.5	96.3	1.8								
		30-35°. Hit water at 96.0. Cores flakey.													
	96.3	END OF HOLE. Stopped due to high pressure water and squeez-													
		ing ground.													

DDH: FAGU141 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

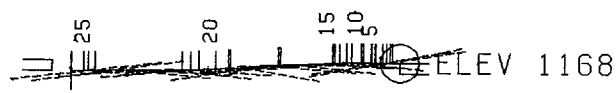
ELEV:1168 592443E ; 904787N

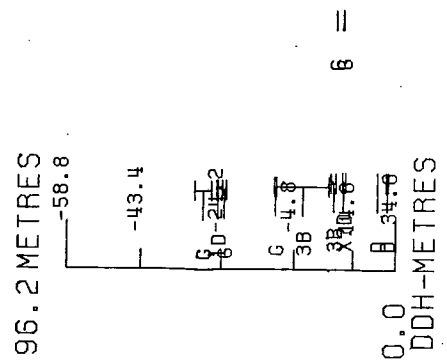
PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 697.6 Z = 1167.8

SECTION NAME: 01N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 18 OCT 1985 3:04 PM





DDH: FAGU141 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1168 592443E ; 904787N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 697.6 Z = 1167.8

SECTION NAME: 01N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 18 OCT 1985 3:05 PM

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
																2.02		.76
FAGU147	7869	.0	6.1	6.1	20	4AO		.06	.48	1.54	14.0					1.12		.72
	787C	6.1	9.1	3.0	77	4AO		.21	.31	.81	18.0					1.52		.78
	7871	9.1	11.2	2.1	100	4AO		.25	.33	1.19	19.0					1.31		.79
	7872	11.2	13.2	2.0	100	4AO		.16	.27	1.04	15.0					1.24		.77
	7873	13.2	15.2	2.0	95	4AO		.27	.29	.95	19.0					1.12	12.94	.77
	7874	15.2	17.2	2.0	100	4AO	3.17	.13	.26	.86	18.0	.69	1.24	11.70		.90	19.04	.77
	7875	17.2	18.7	1.5	100	4AO	3.32	.17	.21	.69	17.0	.69	1.14	17.90		8.00	15.77	.58
	7876	18.7	20.2	1.5	100	4A4	3.40	.13	3.40	4.60	63.0	2.33	1.37	14.40		22.30	26.25	.71
	7877	20.2	21.6	1.4	100	4E4	4.51	.21	6.50	15.80	102.0	2.88	3.05	23.20		21.90	12.32	.66
	7878	21.6	22.5	.9	78	4D4	3.37	.24	7.50	14.40	122.0	2.95	1.52	10.80		15.70	29.08	.66
	7879	22.5	24.8	2.3	100	4GE4	4.73	.19	5.30	10.40	93.0	2.54	1.68	27.40		16.50	10.03	.72
	788C	24.8	26.5	1.7	76	4D4	3.45	.14	4.60	11.90	103.0	1.85	1.33	8.70		9.40	33.16	.65
	7881	26.5	27.8	1.3	100	4EG	4.76	.27	3.30	6.10	82.0	2.33	2.86	30.30		14.40	20.25	.67
	7882	27.8	29.0	1.2	50	4G4	4.73	.12	4.70	9.70	88.0	1.78	.95	19.30		16.40	14.75	.65
	7883	29.0	31.0	2.0	100	4E4	4.63	.13	5.70	10.70	89.0	4.52	2.05	12.70		3.67	11.37	.95
	7884	31.0	31.8	.8	50	5D4*	3.10	.02	.17	3.50	5.0	1.65	8.06	3.31		12.10	37.29	.68
	7885	31.8	33.3	1.5	47	4E4	4.70	.26	3.90	8.20	91.0	1.37	3.79	33.50		11.70	16.52	.69
	7886	33.3	33.7	.4	100	5D4*	3.96	.07	3.60	8.10	63.0	1.30	5.82	10.70		15.00	32.71	.67
	7887	33.7	34.6	.9	56	4G4	4.80	.11	4.90	10.10	87.0	1.44	3.01	29.70		5.69	19.30	.65
	7888	34.6	36.4	1.8	94	4A4	3.33	.30	1.99	3.70	27.0	1.37	2.10	17.20		1.79		.72
	7889	51.2	53.3	2.1	90	4AO		.39	.51	1.28	36.0					.69		.83
	7890	53.3	56.0	2.7	100	4AO		.40	.12	.57	13.0					.81		.80
	7891	56.0	56.6	.6	100	4EO		.48	.16	.65	15.0					.87		.59
	7892	56.6	57.4	.8	75	4AO		.34	.36	.51	13.0							

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU147	7869	4A0	.17	.55	2.30				96.98	*							
	7870	4A0	.61	.36	1.21				97.83	*							
	7871	4A0	.72	.38	1.77				97.12	*							
	7872	4A0	.46	.31	1.55				97.68	*							
	7873	4A0	.78	.33	1.42				97.47	*							
	7874	4A0	.38	.30	1.28	1.95	25.16		70.93	*	.28	.13	1.01	1.34	15.87		81.37
	7875	4A0	.49	.24	1.03	1.79	38.49		57.95	*	.40	.11	.87	1.32	26.04		71.27
	7876	4A4	.38	3.93	6.86	2.15	30.97		55.72	*	.31	1.79	5.86	1.60	21.17		69.27
	7877	4E4	.61	7.51	23.55	4.80	49.89		13.64	*	.63	4.35	25.58	4.53	43.35		21.56
	7878	4D4	.69	8.66	21.47	2.39	23.23		43.56	*	.60	4.17	19.38	1.88	16.77		57.20
	7879	4GE4	.55	6.12	15.50	2.64	58.92		16.26	*	.57	3.53	16.78	2.49	51.03		25.60
	7880	4D4	.40	5.31	17.74	2.09	18.71		55.74	*	.32	2.38	14.93	1.53	12.60		68.23
	7881	4EG	.78	3.81	9.09	4.50	65.16		16.66	*	.81	2.21	9.87	4.25	56.58		26.30
	7882	4G4	.35	5.43	14.46	1.49	41.50		36.77	*	.31	2.74	13.69	1.23	31.42		50.61
	7883	4E4	.38	6.58	15.95	3.22	27.31		46.55	*	.32	3.13	14.22	2.50	19.48		60.36
	7884	5D4*	.06	.20	5.22	12.68	7.12		74.73	*	.04	.08	3.99	8.43	4.35		83.11
	7885	4E4	.75	4.50	12.22	5.96	72.04		4.52	*	.84	2.84	14.43	6.12	68.02		7.76
	7886	5D4*	.20	4.16	12.08	9.15	23.01		51.40	*	.17	1.92	10.44	6.88	15.92		64.67
	7887	4G4	.32	5.66	15.06	4.73	63.87		10.36	*	.34	3.40	16.98	4.64	57.63		17.00
	7888	4A4	.87	2.30	5.52	3.30	36.99		51.03	*	.72	1.07	4.83	2.51	25.90		64.96
	7889	4A0	1.13	.59	1.91				96.38	*							
	7890	4A0	1.16	.14	.85				97.86	*							
	7891	4E0	1.39	.18	.97				97.46	*							
	7892	4A0	.96	.42	.76				97.84	*							

DRILL HOLE : FAGU147
NORTHING : 904,788.0
EASTING : 592,443.1
ELEVATION : 1,170.2
TOTAL DEPTH : 76.2
SECTION : W 66
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 24
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 25
NOS DOWN-H-STRUCTURE: 15
NOS DOWN-H-FAULTS: 11
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU147 UTM-N: 904,788.0 UTM-E: 592,443.1 UTM-ELEV: 1,170.2 TOTAL DEPTH: 76.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	6.1	07869	6.1	1.2	4AO		.06	.48	1.54	14.00											
6.1	9.1	07870	3.0	2.3	4AO		.21	.31	.81	18.00											
9.1	11.2	07871	2.1	2.1	4AO		.25	.33	1.19	19.00											
11.2	13.2	07872	2.0	2.0	4AO		.16	.27	1.04	15.00											
13.2	15.2	07873	2.0	1.9	4AO		.27	.29	.95	19.00											
15.2	17.2	07874	2.0	2.0	4AO	3.17	.13	.26	.86	18.00		.69	1	11	12						
17.2	18.7	07875	1.5	1.5	4AO	3.32	.17	.21	.69	17.00		.69	1	17	19						
18.7	20.2	07876	1.5	1.5	4A4	3.40	.13	3.40	4.60	63.00		2.33	1	14	15						
20.2	21.6	07877	1.4	1.4	4E4	4.51	.21	6.50	15.80	102.00		2.88	3	23	26						
21.6	22.5	07878	.9	.7	4D4	3.37	.24	7.50	14.40	122.00	128.00	2.95	1	10	12						
22.5	24.8	07879	2.3	2.3	4GE4	4.73	.19	5.30	10.40	93.00		2.54	1	27	29						
24.8	26.5	07880	1.7	1.3	4D4	3.45	.14	4.60	11.90	103.00		1.85	1	8	10						
26.5	27.8	07881	1.3	1.3	4EG	4.76	.27	3.30	6.10	82.00		2.33	2	30	33						
27.8	29.0	07882	1.2	.6	4G4	4.73	.12	4.70	9.70	88.00		1.78		19	20						
29.0	31.0	07883	2.0	2.0	4E4	4.63	.13	5.70	10.70	89.00		4.52	2	12	14						
31.0	31.8	07884	.8	.4	5D4*	3.10	.02	.17	3.50	5.00		1.65	8	3	11						
31.8	33.3	07885	1.5	.7	4E4	4.70	.26	3.90	8.20	91.00		1.37	3	33	37						
33.3	33.7	07886	.4	.4	5D4*	3.96	.07	3.60	8.10	63.00		1.30	5	10	16						
33.7	34.6	07887	.9	.5	4G4	4.80	.11	4.90	10.10	87.00		1.44	3	29	32						
34.6	36.4	07888	1.8	1.7	4A4	3.33	.30	1.99	3.70	27.00	30.00	1.37	2	17	19						
51.2	53.3	07889	2.1	1.9	4AO		.39	.51	1.28	36.00											
53.3	56.0	07890	2.7	2.7	4AO		.40	.12	.57	13.00											
56.0	56.6	07891	.6	.6	4EO		.48	.16	.65	15.00											
56.6	57.4	07892	.8	.6	4AO		.34	.36	.51	13.00											
WEIGHTED AVERAGE																					
.0	36.4		36.4	27.8		2.33	.16	2.31	5.00	47.46	4.64	1.19	1	10	12						
51.2	57.4		6.2	5.8			.39	.28	.81	20.98											

DDH: FAGU147 UTM-N: 904,788.0 UTM-E: 592,443.1 UTM-ELEV: 1,170.2 TOTAL DEPTH: 76.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	43.900	229.200

DDH: FAGU147 UTM-N: 904,788.0 UTM-E: 592,443.1 UTM-ELEV: 1,170.2 TOTAL DEPTH: 76.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
20.2	0001	4AC	(4D4) (4E1) MINOR	0.5-	1
21.6	0002	4E4	BXA	0.5-	1
22.5	0003	4D4		0.5-	1
24.8	0004	4G4	(4EO) 60:40	0.5-	1
26.5	0005	4D4	BXA	0.5-	1
27.8	0006	4E4	(4G4) BXA 60:40	0.5-	1
29.0	0007	4G4		0.5-	1
31.0	0008	4E4	POROUS	0.5-	1
31.8	0009	5D4*	(10QC) 50:50	0.5-	1
33.3	0010	4E4		0.5-	1
33.7	0011	5D4*	(4E) MINOR	0.5-	1
34.6	0012	4G4		0.5-	1
36.4	0013	4AO		0.5-	1
36.7	0014	4LO		0.5-	1
37.7	0015	4AO		0.5-	1
39.7	0016	5D4*		0.5-	1
40.6	0017	4AO		0.5-	1
51.2	0018	5D4*		0.5-	1
56.0	0019	4AO	BXA	0.5-	1
56.6	0020	4EO	BXA	0.5-	1
57.4	0021	4AO	BXA	0.5-	1
62.6	0022	4AO	(5A6)	0.5-	1
70.1	0023	5B2	-> 5B26	0.5-	1
74.7	0024	5D4*	[4L5?]	0.5-	1
76.2	0025	5BO$		0.5-	1

DDH: FAGU147 UTM-N: 904,788.0 UTM-E: 592,443.1 UTM-ELEV: 1,170.2 TOTAL DEPTH: 76.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU147	0.0	6.4	CS2		0	0	0	0	70	230	0	1	1	1
FAGU147	0.0	10.7	CS2		0	0	0	0	70	230	0	1	1	1
FAGU147	0.0	15.4	CS2		0	0	0	0	62	230	0	1	1	1
FAGU147	0.1	18.3	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU147	0.0	21.3	PS2		0	0	0	0	64	230	0	1	1	1
FAGU147	0.0	28.1	PS2		0	0	0	0	50	230	0	1	1	1
FAGU147	0.0	33.1	PS2		0	0	0	0	56	230	0	1	1	1
FAGU147	0.0	38.2	PS2		0	0	0	0	62	230	0	1	1	1
FAGU147	18.3	40.6	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU147	0.0	62.5	CS2		0	0	0	0	67	230	0	1	1	1
FAGU147	62.5	66.9	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU147	0.0	66.9	CS2		0	0	0	0	79	230	0	1	1	1
FAGU147	0.0	71.8	CS2		0	0	0	0	81	230	0	1	1	1
FAGU147	66.9	76.2	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU147	0.0	76.2	CS2		0	0	0	0	66	230	0	1	1	1

DDH: FAGU147 UTM-N: 904,788.0 UTM-E: 592,443.1 UTM-ELEV: 1,170.2 TOTAL DEPTH: 76.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU147	20.2	21.6	D		0	0	0	C	0	0	1
FAGU147	22.5	27.8	D		0	0	0	C	0	0	1
FAGU147	29.0	31.0	1D		0	0	0	C	0	0	1
FAGU147	33.3	33.7	1P		0	0	0	C	0	0	1
FAGU147	36.4	36.7	BG		C	0	0	0	0	0	1
FAGU147	40.6	51.2	BG		0	0	0	0	0	0	1
FAGU147	51.2	56.0	X		0	0	C	0	0	0	1
FAGU147	56.0	56.6	D		0	0	C	C	0	0	1
FAGU147	56.6	57.4	X		0	0	C	0	0	0	1
FAGU147	57.4	62.6	G		0	0	C	0	0	0	1
FAGU147	40.6	62.6	F		0	0	0	0	0	0	1

DDH: FAGU147 UTM-N: 904,788.0 UTM-E: 592,443.1 UTM-ELEV: 1,170.2 TOTAL DEPTH: 76.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU147	1	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 10:18:19

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U147

Project: GRUM RELOG

Location: VANGORDA PLAT

Claim: _____

UTM Terr. Plane Co-ords.: 6,904,787.~~07~~ 991 N

Conversion of K-t surveyed grid co-ords 3.0724

592,442.~~13~~ E

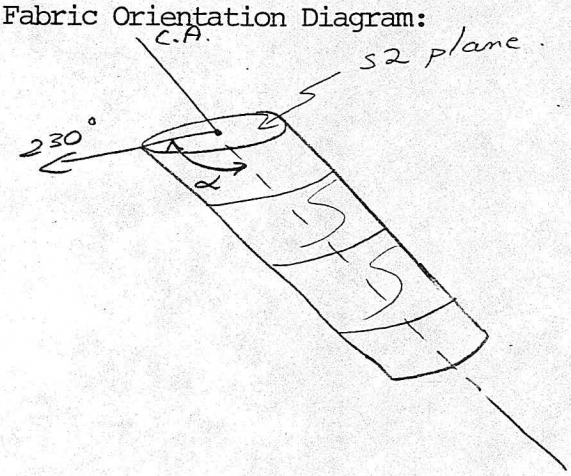
Grid Co-ords.: 66W/2N

~~1170.29~~

Elevation: 1170.29 181

Total Depth: 76.2 m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

Purpose: _____

Re Logged by: DJH Date(s) Logged: _____

Drilling Contractor: _____

Core:	Size	From	To	Collar Cased and Capped:
	BQ	0	76.2	

Started: 15/8/76 Completed: 18/8/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U-147
(2 — 8)

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 — 8	10 — 16	17 — 24	25 — 32	34 — 48
T	76-U-147	1170-2	904787.9	592443.1	METRES

8.0

229.2 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 — 8	10 — 14	22 — 26	28 — 32	34 — 56
R	76-U-147	0 0	43.9	237.6	ATCOLLAR
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH 76-U147 (2 … 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: DJH

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	100	202	1	4A0	w/ .4 m 4D4 @ E.O.I. locally 4E1
L	202	216	2	4E4	minor bxia zones w/ mass. sde matrix
X					(transported?) orange sp.
L	216	225	3	4D4	as end of #1 orange sp
L	225	248	4	4GE	60:40 4G4:4E0 ; 4E is porous
					and appears bxiated. (no $CO_3^=$ detected)
L	248	265	5	4D4	bxia. pale honey sp to 26.2, then orange
L	265	278	6	4EG	60:40 4E4 (bxia) : 4G4 4EK - scattered ank clasts in massive py 27.3-27.8
L	278	290	7	4G4	honey sp
L	290	310	8	4E4	porous, orange sp, mostly porous, minor 4G4, minor 4E bxia
L	310	318	9	4L0	w/ 50% OQO minor mariposite
L	318	333	10	4E4	
L	333	337	11	5D4	w/ f mariposite w/ 4E int bd dd, some lost core @ time of checking
L	337	346	12	4G4	pale sp
L	346	364	13	4A0	
L	364	367	14	4L0	broken core & gouge.
L	367	377	15	4A0	completely indeterminate
L	377	397	16	4L0	w/ minor mariposite + ank
L	397	406	17	4A0	
L	406	512	18	4L0	w/ minor mariposite ; int. generally broken
					w/ lost core & gouge ; mud seams
					reported by driller ; fault zone? ;
					occ. sde. "clasts".
L	512	560	19	4A0	? bxia zone ; looks like 4E1 frags in a
					dark grey "graphitic" matrix ; interpret
					this as bxia'ted 4A0
L	560	566	20	4E0	bxia ; 4E frags in a mass. sde matrix.
L	566	574	21	4A0	as unit 19 absolutely indeterminate
L	574	626	22	4A0	? black sticky gouge w/ pebbles of 4A0
L	626	701	23	5B2	→ 5B26 ; minor graphite
L	701	747	24	4L0	buff colour ; Fe, Mg $CO_3^=$ bearing?
L	747	762	25	5B0	buff weathering $CO_3^=$; altered?
		EOH			

DDH 76-U-147 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: DJH

Code	From m.	To m.	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
							* note: due to orientation of hole, sym has been done on the "backside" (ie: posterior) of the core.
S		64	C1S12			710 2130	Z region 0.0 – 18.3 m.
S		107	C1S12			710 2130	
S		154	C1S12			612 2130	
S		183	1F2Z				R region 18.3 – 40.6 m.
S		213	1S12			614 2130	
S		2181	1S12			510 2130	
S		2331	1S12			56 2130	
S		2382	1S12			62 2130	
S		2406	1F2R				
							Bxia & gouge zone 40.6 – 62.5 m. (no sym. – no S2)
S		2625	C1S12			617 2130	S region 62.5 – 66.9
S		2669	1F2E			79 2130	
S		2718	C1S12			81 2130	Z region 66.9 – 76.2
S		2762	1F2Z			616 2130	
		EOH					

DDH 76-U147 (2 / 8)

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

Logged By: DJH

Sampled By: K.A.

Code	From	To	Sample No.	Description	Length	Rec.	Unit
	10 14	16 20	22 27				
P	1100	1161	142168	K.A.	6.1	0.9	✓
P	1161	1191	142169	K.A.	3.0	2.4	
P	1191	1222	142170	K.A.	3.1	2.9	
P	1222	1252	142171	K.A.	3.0	3.0	
P	1252	1283	142172	K.A.	3.1	2.8	
P	1283	1298	142173	K.A.	1.5	1.4	
P	1298	1313	142174	K.A.	1.5	1.5	
P	1313	1329	142175	K.A.	1.6	1.5	
P	1329	1344	142176	K.A.	1.5	1.4	
P	1344	1359	142177	K.A.	1.5	1.5	
P	1359	1374	142178	K.A.	1.5	1.2	
P	1374	1390	142179	K.A.	1.6	0.8	✓
P	1390	1405	142180	K.A.	1.5	1.3	
P	1405	1420	142181	K.A.	1.5	0.8	✓
P	1420	1435	142182	K.A.	1.5	1.2	
P	1435	1451	142183	K.A.	1.6	1.0	
P	1451	1470	142184	K.A.	1.9	1.8	
P	1503	1533	142185	K.A.	3.0	1.3	✓
P	1533	1549	142186	K.A.	1.6	1.0	✓
P	1549	1564	142187	K.A.	1.5	0.9	✓
P	1564	1579	142188	K.A.	1.5	0.8	✓

Logged in 1980, Checked for sampling 1981

DDH FAGU147 **Cyprus Anvil Mining Corp**

Page ____ of ____

Logged by DJH checked JSM

ASSAY LOG (SAMPLER'S COPY)

Date ____ Sampled by ____

	CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
	1	10 14	16 20	22 26	28 30	32 34	36 40	42	
#1	P	100	161	7869	61	12	4A0		#1
	P	161	191	7870	30	23	4A0		#1
	P	191	112	7871	21	21	4A0		#1
	P	112	132	7872	20	20	4A0		#1
	P	132	152	7873	20	19	4A0		#1
	P	152	172	7874	20	20	4A0		#1
	P	172	187	7875	15	15	4A0		#1
	P	187	202	7876	15	15	4A0	(4D4)	#1
	P	202	216	7877	14	14	4E4		#2
	P	216	225	7878	09	07	4D4		#3
	P	225	248	7879	23	23	4GE		#4
	P	248	265	7880	17	13	4D4		#5
	P	265	278	7881	13	13	4EG		#6
	P	278	290	7882	12	06	4G4		#7
	P	290	310	7883	20	20	4E4		#8
	P	310	318	7884	08	04	4L0	(10Q0)	#9
	P	318	333	7885	15	07	4E4		#10
	P	333	337	7886	04	04	5D4	(4E)	#11
	P	337	346	7887	09	05	4G4		#12
	P	346	364	7888	18	17	4A0		#13
#2	P	512	533	7889	21	19	4A0	bxia	#19
	P	533	560	7890	27	27	4A0	bxia	#19
	P	560	566	7891	06	06	4E0	bxia	#20
	P	566	574	7892	08	06	4A0	bxia	#21

DDH FAGU147 (2 … 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1202	1216	D					
F	1225	1278	D					
F	1290	1310	D					
F	1333	1337	P					
F	1364	1367	BG					
F	1406	1512	BG					
F	1512	1560	X					
F	1560	1566	D					
F	1566	1574	X					
F	1574	1626	G					
F	1406	1625	F					

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO D.D.H. Nº 76-U-147 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,582.414 2N STARTED AUGUST 15, 1976

DEPARTURE 7,748.358 66W COMPLETED AUGUST 18, 1976

ELEVATION 1.180.899 PROPOSED DEPTH 250' - 76.2m

ULTIMATE DEPTH - 76.2m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	227° 02'	+46° 09'

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 68%

Interval From	Interval To	DESCRIPTION		Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	19.8	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent. Foliation														
		= 75-80°; F = 0-5°. Series of fold noses defining	20 4	0.9	4268	0	6.1	6.1	0.17	2.23	5.14					
		the F clearly at 9.1-16.8.	25 4	2.4	4269	6.1	9.1	3.0	0.13	0.88	7.20			1.01	PbZn	
			25 3	2.9	4270	9.1	12.2	3.1	0.18	1.15	10.97			1.33	PbZn	
		4.8-5.5: Bleached phyllite interval. Buff with	25 3	3.0	4271	12.2	15.2	3.0	0.10	0.93	7.20			1.03	PbZn	
		fuchsite green/splot laminae. Contacts	25 4	2.8	4272	15.2	18.3	3.1	0.13	0.80	8.23			0.93	PbZn	
		broken ground. Foliation = 80-85°.	30 4	1.4	4273	18.3	19.8	1.5	1.65	3.00	31.20			1.95	PbZn	
		19.8: Gradual change to massive sulfide (M). Sul-	75 8	1.5	4274	19.8	21.3	1.5	6.98	14.88	93.94			10.47	22.32	140.91
		fide bands becoming wider. Contact arbitrary.	75 10	1.5	4275	21.3	22.9	1.6	7.08	12.80	108.0			11.33	20.48	172.80
		NOTE: First 6.1 metres of run has pebbly core.	75 10	1.4	4276	22.9	24.4	1.5	4.83	9.95	80.57			7.25	14.93	120.86
		No gouge material noted. Poor recovery.	65 8	1.5	4277	24.4	25.9	1.5	5.63	12.29	98.74			8.45	18.44	148.11
			65 10	1.2	4278	25.9	27.4	1.5	4.33	8.66	72.69			6.50	12.99	109.04
19.8	35.0	MASSIVE SULFIDE (M) WITH SHORT POROUS AND BARITE IN	75 8	0.8	4279	27.4	29.0	1.6	4.70	9.19	81.60			7.52	14.70	130.56
		GROUNDMASS VARIETY (MV+Mb). Competent. Composi-	75 12	1.3	4280	29.0	30.5	1.5	5.46	11.48	94.63			8.19	17.22	141.95
		tional banding = 70-75°.	70 10	0.8	4281	30.5	32.0	1.5	3.30	5.66	42.51			4.95	8.49	63.77
		22.9-24.4: Barite in groundmass. Included here are	75 12	1.2	4282	32.0	33.5	1.5	4.88	8.86	80.57			7.32	13.29	120.86
		short runs of porous variety.	70 10	1.0	4283	33.5	35.1	1.6	3.65	7.82	61.37			5.84	12.51	98.19

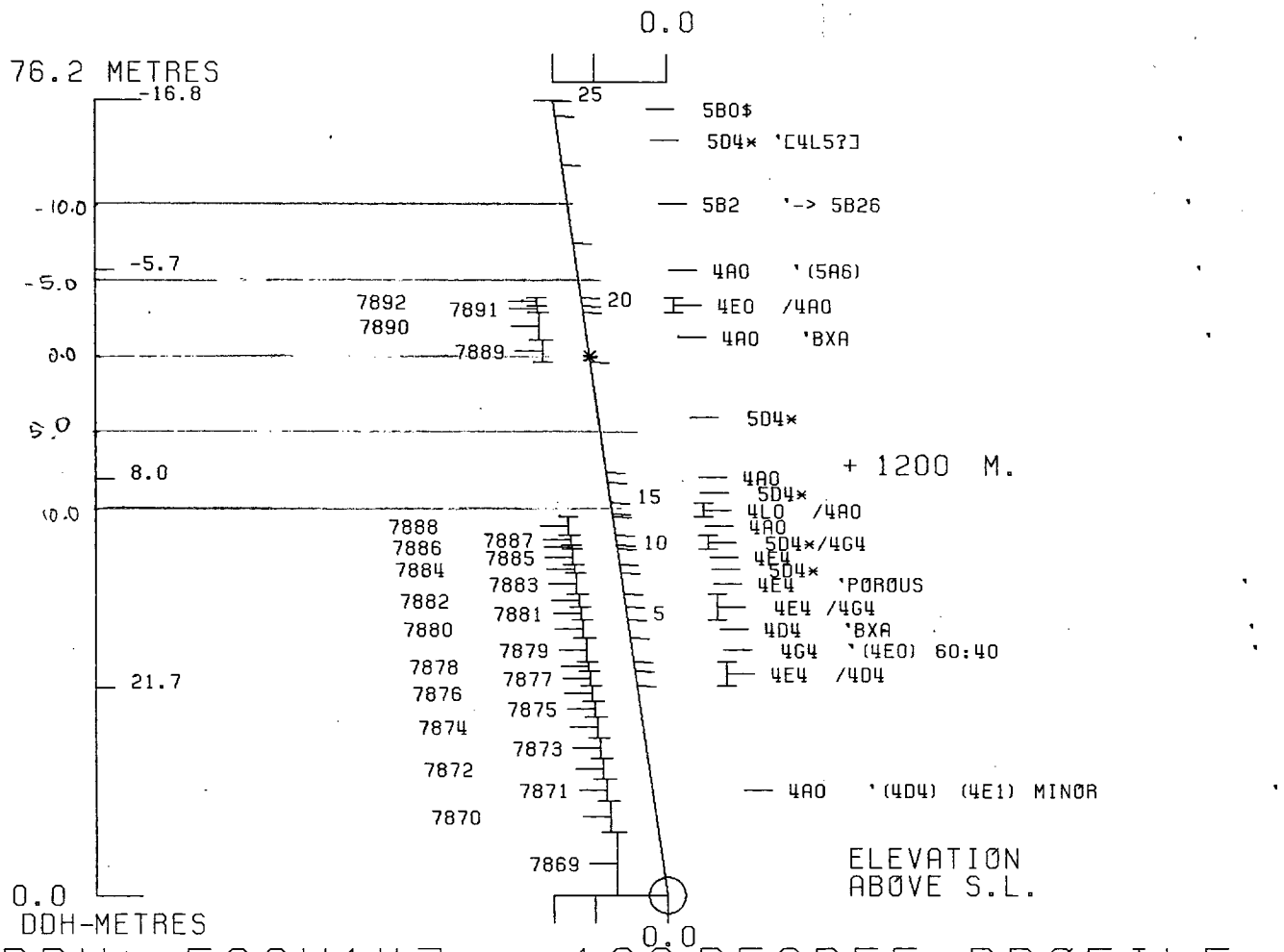
LOGGED BY _____ D.D.H. NO 76-U-147 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		29-31: Porous variety. Voids aligned = 75-80°. 25 5	1.8	4284	35.1	37.0	1.9	1.90	4.25	25.37					
		31.5-32: Bleached phyllite interval-broken ground.													
		33.4-33.7: Bleached phyllite interval with prominent													
		fuchsite laminae in buff bleached sericite		W.Av.	6.1	19.8	13.7	1.17	PbZn						
		groundmass. Foliation = 75°.		W.Av.	19.8	35.1	15.3	5.09	10.15	81.51			77.82	155.37	1247.1
		35.0: Gradual change to mineralized graphitic phyllite (PG).		W.Av.	25.9	29.0	3.1	4.52	8.93	77.29			14.02	27.69	239.60
				W.Av.	30.5	35.1	4.6	2.94	7.45	61.48			18.11	34.29	282.82
35.0	37.0	MINERALIZED GRAPHITIC PHYLLITE (PG). Broken blocky core.													
		Foliation = 70-75°.													
		36.4-36.8: FAULT. Light gray gouge with bleached sericite													
		flakes.													
		37.0: Abrupt change to Bleached phyllite. Contact broken.													
37.0	50.3	BLEACHED PHYLLITE (Sb). Broken soft core. Generally buff	10.5		37.0	50.3	13.3								
		but some intervals have silvery white colour. Foliation =													
		70-75°. Prominent fuchsite spots. Sporadic Py xls/clusters													
		45.7-50.3: Broken and flakey. Could be a shear zone.													
		50.3: Change to Mineralized Graphitic Phyllite (PG).													
50.3	57.9	MINERALIZED GRAPHITIC PHYLLITE (PG). Broken core. 60 5	1.3	4285	50.3	53.3	3.0	0.09	1.05	32.23			1.14	PbZn	
		Interval of sulfide breccia. Core mostly pebbles 50 4	1.0	4286	53.3	54.9	1.6	0.20	0.85	18.17			1.05	PbZn	

LOGGED BY _____ D.D.H. NO 76-U-147 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		and short blocks = 2.5cm long. 50 4	0.9	4287	54.9	56.4	1.5	0.08	0.45	10.97			0.53	PbZn	
		51.4-52: Sulfide breccia (MXg) cemented by graphite. 30 4	0.8	4288	56.4	57.9	1.5	0.88	1.80	20.23					
		57.2-57.9: FAULT. Black sticky clay with sulfide fragments.		W.Av.	50.3	56.4	6.1	0.97	PbZn						
		Contact with graphitic phyllite (G).													
57.9	70.1	GRAPHITIC PHYLLITE (G). Broken core. Foliation in some	5.1		57.9	70.1	12.2								
		short run = 80-85° and F 1 = 0-5°. Greater part of run													
		(approximately 80%) composed of flakes and flake fragments.													
		62.4-62.6: Black sticky gouge.													
		68-68.6: Sandy to flakey core. No gouge.													
		70.1: Abrupt change to Bleached phyllite (Sb).													
		Contact broken ground.													
70.1	76.2	BLEACHED PHYLLITE (Sb). Broken blocky core from pebble to	4.5		70.1	76.2	6.1								
		3cm long. Foliation = 85-90°; F 1 = 0-10°. Groundmass has													
		trace calcite. Has tuffaceous (ash) appearance.													
	76.2	END OF HOLE.													

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 22 OCT 1985 1:11 PM



DDH: FAGU147 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

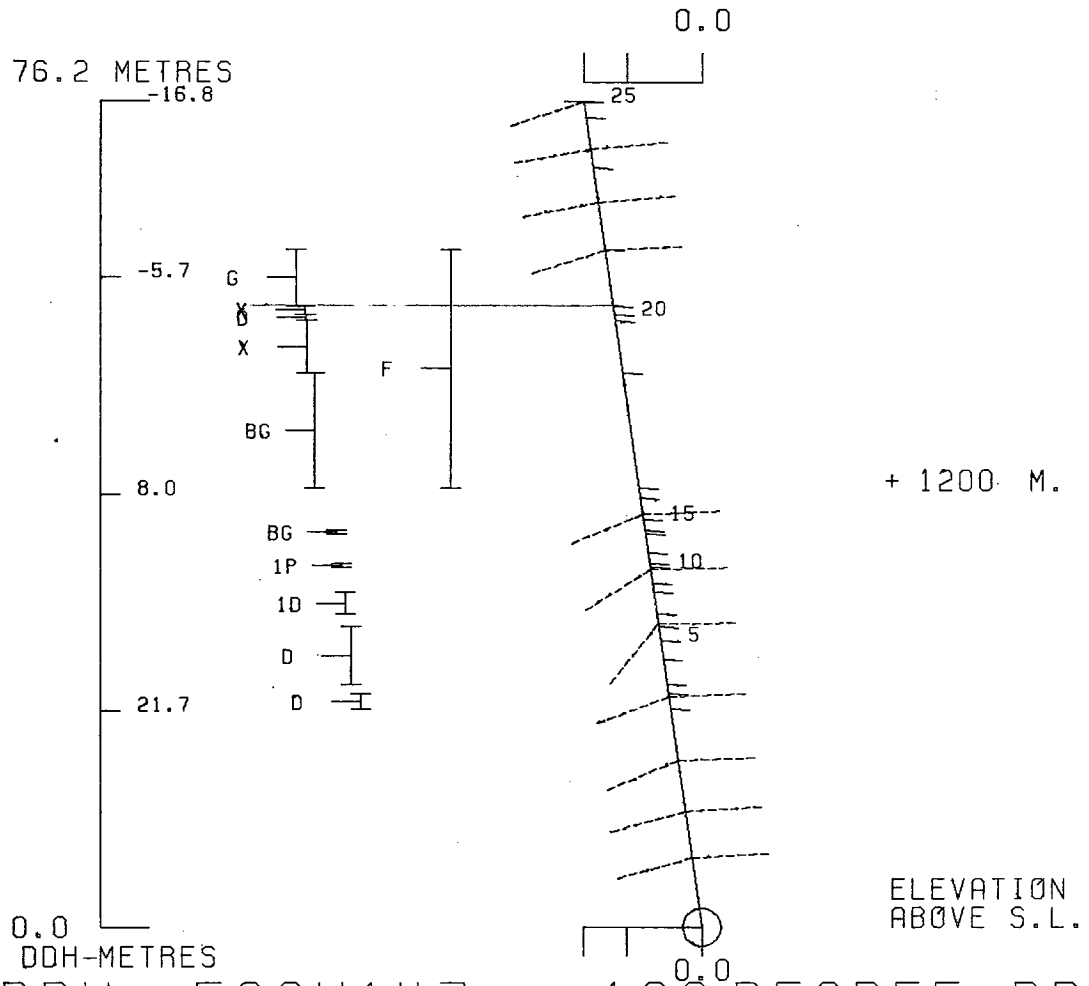
ELEV: 1170 592443E ; 904788N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 697.7 Z = 1170.2

SECTION NAME: 01N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 22 OCT 1985 1:10 PM



DDH: FAGU147 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1170 592443E ; 904788N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 697.7 Z = 1170.2

SECTION NAME: 01N

DRILL HOLE : FAGU151

NORTHING : 905,081.3

EASTING : 592,134.2

ELEVATION : 1,108.2

TOTAL DEPTH : 76.2

SECTION : W 80

R.F.E. : S2

RFE DIRECTION: 230

PLUNGE ANGLE : 11

PLUNGE DIRECT: 312

DHD CALC: 0

SS CALC: 0

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 20

NOS DOWN-H-SURVEYS: 1

NOS DOWN-H-LITHOLOGY: 37

NOS DOWN-H-STRUCTURE: 25

NOS DOWN-H-FAULTS: 10

NOS DOWN-H-SPLINES: 1

NOS COMPOSITES: 0

DDH: FAGU151 UTM-N: 905,081.3 UTM-E: 592,134.2 UTM-ELEV: 1,108.2 TOTAL DEPTH: 76.2 SECTION: W 80
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 0 SS CALC: 0

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.2	06862	2.2	1.6	4E4	4.07	.15	6.30	10.80	102.00		2.61	1	18	20						
2.2	2.8	06863	.6	.6	4E*4	4.29	.35	6.10	8.50	89.00	85.00	2.19	2	27	30						
2.8	4.1	06864	1.3	1.2	4E4	4.96	.30	10.50	16.00	137.00		4.11	1	25	26						
4.1	4.6	06865	.5	.4	4G0	5.01	.09	7.20	.80	113.00		1.10		17	18						
4.6	6.1	06866	1.5	1.3	4E4	4.81	.04	4.70	5.80	62.00		1.17	2	19	21						
6.1	7.4	06867	1.3	1.3	4B5	3.41	.07	.12	.15	6.00		.69	2	14	16						
7.4	9.1	06868	1.7	1.7	4A1	3.18	.01	.09	.08	7.00		.55	1	8	9						
9.1	11.1	06869	2.0	2.0	4A41	3.18	.03	2.10	3.60	34.00		.55	1	10	11						
11.1	13.1	06870	2.0	2.0	4A41	3.24	.03	2.50	4.40	44.00		.75		10	10						
13.1	14.3	06871	1.2	1.2	4A41	3.42	.13	2.90	6.50	56.00		1.65	1	13	14						
14.3	15.4	06872	1.1	1.1	4A41	3.40	.15	4.20	8.30	75.00		1.37	1	11	12						
15.4	16.7	06873	1.3	1.0	4D4	3.90	.22	9.70	10.90	151.00	145.00	1.51	1	15	17						
16.7	18.3	06874	1.6	1.6	4E4	4.13	.20	5.50	6.00	92.00		2.06	1	23	24						
18.3	20.7	06875	2.4	1.9	4E4	4.25	.33	3.50	3.60	57.00		1.85	2	30	32						
54.6	55.4	06876	.8	.8	4G41	4.80	.13	9.00	8.40	134.00		2.47	3	15	18						
55.4	57.8	06877	2.4	2.1	4E0	4.69	.22	2.20	1.27	39.00		2.47	2	35	37						
57.8	58.3	06878	.5	.4	4G41	4.86	.05	10.70	11.10	182.00		2.74	1	13	14						
58.3	60.1	06879	1.8	1.7	4E4	4.81	.17	3.90	3.40	57.00		.82	1	30	32						
60.1	62.4	06880	2.3	2.1	4E48	4.73	.15	13.40	12.30	177.00		2.40	8	15	23						
62.4	65.1	06881	2.7	1.9	4E4	4.58	.65	7.60	6.20	137.00		2.26	3	24	27						
WEIGHTED AVERAGE																					
.0	20.7		20.7	18.9		3.86	.14	4.31	6.01	68.16	11.57	1.56	1	17	19						
54.6	65.1		10.5	9.0		4.70	.29	7.25	6.33	111.56		2.13	3	24	28						

DDH: FAGU151 UTM-N: 905,081.3 UTM-E: 592,134.2 UTM-ELEV: 1,108.2 TOTAL DEPTH: 76.2 SECTION: W 80
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 0 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	47.000	224.000

DDH: FA3U151 UTM-N: 905,081.3 UTM-E: 592,134.2 UTM-ELEV: 1,108.2 TOTAL DEPTH: 76.2 SECTION: W 80
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: C SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.2	0001	4E4	(4A4 PHYLLITIC)	0.0	1
2.8	0002	4E@4	(4E4 POROUS)	0.0	1
4.1	0003	4E4		0.0	1
4.6	0004	4G0		0.0	1
6.1	0005	4E4		0.0	1
6.6	0006	4B5		0.0	1
7.1	0007	4L12		0.0	1
7.3	0008	4E4		0.0	1
7.4	0009	10QC		0.0	1
15.5	0010	4A41	(3G2) [4A PHYLLITIC]	0.0	1
16.7	0011	4D4		0.0	1
20.7	0012	4E4	(4A3PHYLLITIC)(4E0)(4E47BASE)	0.0	1
24.6	0013	5A6		0.0	1
26.4	0014	5B2@?		0.0	1
27.4	0015	5D@		0.0	1
28.3	0016	5B0@	WEAKLY CALC	0.0	1
30.3	0017	5D@		0.0	1
32.7	0018	5B0@		0.0	1
35.0	0019	5E8		0.0	1
36.4	0020	5B26		0.0	1
40.7	0021	5B0@		0.0	1
41.2	0022	5D@		0.0	1
42.6	0023	5B0@		0.0	1
44.2	0024	5D@		0.0	1
45.2	0025	5B0@		0.0	1
49.7	0026	5D@		0.0	1
54.6	0027	5B26?	SERICITIC	0.0	1
55.4	0028	4G41	&$	0.0	1
57.8	0029	4E0	(4G41)	0.0	1
58.3	0030	4G41		0.0	1
60.1	0031	4E0	(4G41)(4K)(4D)	0.0	1
62.4	0032	4E487	(4G41)	0.0	1
65.1	0033	4E0	(4G#4)(4E4)(4K4) POROUS	0.0	1
68.6	0034	5A6		0.0	1
73.2	0035	4L0		0.0	1
74.7	0036	5A6	-	0.0	1
76.2	0037	4L0	-	0.0	1

DDH: FAGU151 UTM-N: 905,081.3 UTM-E: 592,134.2 UTM-ELEV: 1,108.2 TOTAL DEPTH: 76.2 SECTION: W 80
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: C SS CALC: 0

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU151	0.0	0.4	PS2		0	0	0	0	80	230	C	1	0	0
FAGU151	0.0	6.8	PS2		0	0	0	0	47	230	C	1	0	0
FAGU151	0.0	11.9	PS2		0	0	0	0	30	230	C	1	0	0
FAGU151	0.0	13.9	PS2		0	0	0	0	25	230	C	1	0	0
FAGU151	0.0	22.3	PS2		0	0	0	0	65	230	C	1	0	0
FAGU151	0.0	23.6	PS2		0	0	0	0	60	230	C	1	0	0
FAGU151	0.0	25.8	PS2		0	0	0	0	59	230	C	1	0	0
FAGU151	0.1	26.3	PS2	P	0	0	0	0	0	0	C	1	0	0
FAGU151	0.0	27.7	CS2		0	0	0	0	57	230	C	1	0	0
FAGU151	0.0	29.2	CS2		0	0	0	0	59	230	C	1	0	0
FAGU151	0.0	30.0	CS2		0	0	0	0	60	230	C	1	0	0
FAGU151	26.3	30.3	CS2	Z	0	0	0	0	0	0	C	1	0	0
FAGU151	0.0	34.3	CS2		0	0	0	0	57	230	C	1	0	0
FAGU151	30.3	35.1	CS2	S	0	0	0	0	0	0	C	1	0	0
FAGU151	0.0	35.6	CS2		0	0	0	0	45	230	C	1	0	0
FAGU151	35.1	36.1	CS2	Z	0	0	0	0	0	0	C	1	0	0
FAGU151	0.0	39.9	PS2		0	0	0	0	50	230	C	1	0	0
FAGU151	0.0	44.6	PS2		0	0	0	0	25	230	C	1	0	0
FAGU151	0.0	48.8	PS2		0	0	0	0	45	230	C	1	0	0
FAGU151	0.0	51.4	PS2		0	0	0	0	60	230	C	1	0	0
FAGU151	0.0	54.3	PS2		0	0	0	0	55	230	C	1	0	0
FAGU151	35.1	54.6	PS2	P	0	0	0	0	0	0	C	1	0	0
FAGU151	0.0	66.4	PS2		0	0	0	0	23	230	C	1	0	0
FAGU151	0.0	71.5	PS2		0	0	0	0	38	230	C	1	0	0
FAGU151	54.6	74.7	PS2	P	0	0	0	0	0	0	C	1	0	0

DDH: FAGU151 UTM-N: 905,081.3 UTM-E: 592,134.2 UTM-ELEV: 1,108.2 TOTAL DEPTH: 76.2 SECTION: W 80
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 0 SS CALC: 0

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU151	20.7	24.6	Q			0	0	0	0	0	3	1
FAGU151	41.2	42.6	BP			0	0	0	0	0	3	1
FAGU151	58.3	58.6	X?			0	0	0	0	0	3	1
FAGU151	58.8	59.6	D?			0	0	0	0	0	3	1
FAGU151	59.8	60.1	D?			0	0	0	0	0	3	1
FAGU151	62.4	65.1	B?			0	0	0	0	0	3	1
FAGU151	65.1	66.0	XB			0	0	0	0	0	3	1
FAGU151	67.0	68.6	G			0	0	0	0	0	3	1
FAGU151	73.2	74.7	BP	3		0	0	0	0	0	3	1
FAGU151	74.7	76.2	D?			0	0	0	0	0	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U151

Project: Grum Reloq

Location: Vangorda Plateau

Claim:

UTM Terr. Plane Co-ords.: 6905081.26 N

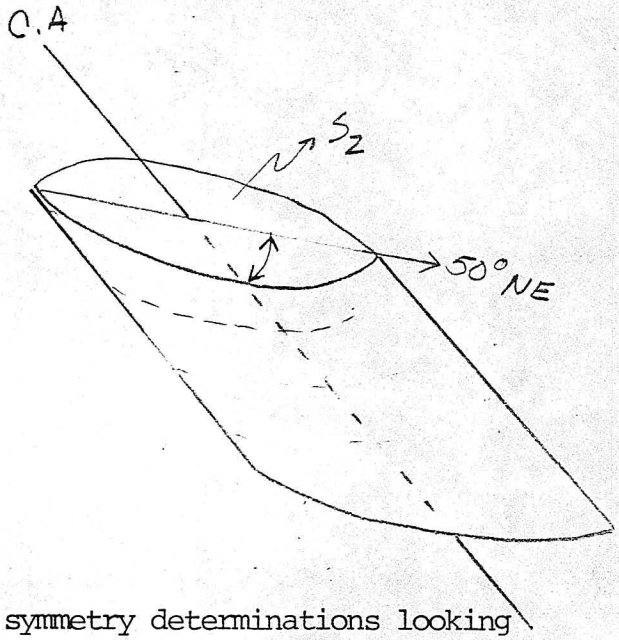
592134.15 E

Grid Co-ords.: 80W / 2N

Elevation: 1108.2

Total Depth: -76.2 m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

NE with dip azimuth 50.

Purpose:

Re Logged by: JSM Date(s) Logged: July 1 - July 3, 1980

Drilling Contractor:

Core:	Size	From	To	Collar Cased and Capped:
	BQ	0	-76.2m	

Started: 8/21/1976 Completed: 8/22/1976

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U-1-51
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U-1-51	1108.2	9050811.3	592134.2	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U-1-51	00	47.0	224.0	ATCOLLAR
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH 76-415.1 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: JSM

1981 check:
#1 0.0-2.2 4E4 (4A4 phyllitic)
#2 2.2-2.8 4E4 (4E4 porous)
#3 2.8-4.1 4E4
#4 4.1-4.6 4G4 (honey sphal)
#5 4.6-6.1 4E4

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	100	161	1	4E14	→ 4G4 @ 4.1-4.6 ~10% BaSO4 (honey sphal) 80-95% sfd: py, sphal > galena, richest sections have bands of fine grained red sphal containing py + gal 0-1.5 15% PbZn 1.5-3.0 17.75% PbZn 3.0-4.6 25.70% PbZn 4.6-bot 33% PbZn
L	161	174	2	4B10	~4% PbZn red sphal, gal; v. minor py, 90% qtz; → 4L2, then 4E4 @ EOT
L	174	1155	3	4A14	~~locally~~ 4A41, & locally up to 60% sfd, py, red sphal + gal 6-9% PbZn occasional porphs of py ~5mm
L	1155	1167	4	4D4	20% PbZn red sphal, gal. Contains patches of white qtz vaguely aligned into bands, patches ≅ ½"; 4E4 surrounds the qtz ~ 70% sfd
L	1167	2107	5	4E14	short gradational intervals of 4A0 4A4 4E0 + 4E4 graphitic: 16.7-17.0, 17.5-18.0, 19.5-19.8, 20.2-20.7. especially good grade @ 18.3 + 20.3 (4E4). py (4A47) @ EOT 20.4-20.7. → 1981 check: 8-12% PbZn red sphal gal
L	2107	2146	6	5A16	abundant meshwork of buff qtz-carbonate veins, irreg, weakly calcareous; minor py veinlets @ 23 → 5B3 (orange ankerite laminae) @ EOT, minor talc(?) (or white clay) fracture coatings.
L	2146	2164	7	5B12	w/ orange ankerite; increasingly sericitic 0.2m @ TOI → 5D?
L	2164	2274	8	5D13	$FeCO_3^=$
L	2274	2833	9	5B10	weakly calc ($FeCO_3^=$), good sericite devel but not enough to be 4L
L	2833	3103	10	5D13	as unit 8
L	3103	3127	11	5B10	as unit 9
L	3127	3500	12	5B18	
L	3500	3644	13	5B12	
L	3644	4107	14	5B10	as unit 9 w/ both cc + $FeCO_3^=$, sericitic, minor carbon @ TOI
L	4107	4112	15	5D13	$FeCO_3^=$ as unit 8
L	4112	4266	16	5B10	as unit 9 broken recovery

DDH 76-U151 (2 … 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	426	442	17	5D3	as unit 8
L	442	452	18	5B0	as unit 9
L	452	497	19	5D3	as unit 8
L	497	546	20	5B2	sericitic
L	546	554	21	~~4D4~~ 4G4	±*Dolo red sphal + gal + py slightly banded 1981 check 4G41 ± *Dolo.
					~70% sfd ~10% PbZn ?
L	554	560	22	~~4GK~~ 4E0	4G0 w/ inclusions clasts of $CO_3^=$ ~5% or less PbZn
					(4G41) (red sphal + gal) Texture is that of 4G but I'm
					not sure its barite 1981 check: 55.4-57.8 4E0 (4G41)
L	560	578	23	~~4E0~~	w/ minor 4D4 @ 56.9 (4D46 or 4G41) ~4% PbZn
L	578	583	24	~~4D4~~ 4G41	8-9% PbZn (perhaps more) orange sphal ≅ gal
					as unit 21 1981 check: 4G41
L	583	586	25	~~4K0~~	large $CO_3^=$ clasts, bxia novisible PbZn
L	586	588	26	~~4D4~~	large patches of white qtz @ TOI surr. by 4E0 & 4E4
					then qtz in matrix @ EOI, ~70% sfd ~8(?) % PbZn
					(red sphal + gal)
L	588	596	27	~~4E0~~	subtle autobxiation, cc lined vuggy fractures 59.2
L	596	598	28	~~4D4~~	10-15% PbZn ? orange sphal & gal as unit 21 in texture
L	598	601	29	~~4E0~~	as unit 27 also auto bxiated
L	601	624	30	~~4E4~~	High grade 19% PbZn to 61.0 28% PbZn 61-62.4
					Mgt + Po bands (5+% ?) 1981 check: 4E487 (4G41 @ stp ctcs)
L	624	651	31	~~4EK~~ 4E0	(4G*4 cc) (4E4) (4K4) This is a grungy interval 4D4 → 4K → porous sfds → 4K →
					4E → 4EK (minor $CO_3^=$ clasts) → clay altered sfds w/ $CO_3^=$
					11-12% PbZn, acc. to KA, red sphal + gal in 4D4 + porous
L	651	686	32	5A6	bxia (qtz + 5A phyllite) @ TOI, minor 4L + broken recovery @ 67
					Interval ends in gouge, fault?
L	686	732	33	4L0	
L	732	747	34	5A6	minor $CO_3^=$ veins, only 0.5m (33%) broken recovery
L	747	762	35	4L0	Bxia - seems to be sed or volc. not tectonic. Contains
					frags of 5D + 4L & some unknown rock types
					matrix ≅ graphitic
					1981 check: 58.3-60.1 4E0 (4G41 @ 58.7, 59.7) (4K + 4D @ TOI
					∴ #25-29 ⇒ #25 note also minor bxiation + vugs

4E0 (4G41)

4E0 (4G*4 calcite) (4E4) (4K4) altered, possibly faulted lower ctc

DDH 76-U151 (2–8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JSM

Code	From	To	Feature	Sym	S_1 Dip	S_1 Direct.	S_2 Dip	S_2 Direct.	Description
1	10–14	16–20	22–24	26	28	32	34	38	
S		04	PS2				80	50	R region 0-26.3
S		68	PS2				47	50	split sfds & phyllite
S		119	PS2				30	50	
S		139	PS2				25	50	
S		223	PS2				65	50	
S		236	PS2				60	50	
S		258	PS2				59	50	
S		263	F2	R					Z region 26.3-30.3
S		277	CS2				57	50	5D
S		292	CS2				59	50	note: only possible orientation for S_2
S		300	CS2				60	50	is dipping NE. Two choices-
									steep vs shallow dip, shallow
									taken
S		303	F2	3					S region 30.3 - 35.1
S		343	CS2				57	50	
S		351	F2	E					Z region 35.1 - 36.1
S		356	CS2				45	50	ZSZZZS
S		361	F2	Z					P region 36.1 - 54.6
S		399	PS2				50	50	5B+5D
S		446	PS2				25	50	
S		488	PS2				45	50	
S		514	PS2				60	50	
S		543	PS2				55	50	
S		546	F2	P					R region 54.6 - 74.7
S		664	PS2				23	50	sfds 5A+4L, no pt obs in sfds
S		715	PS2				38	50	note: S_2 in 5A so stp that core
									can't be oriented
S		747	F2	R					No sym region 74.7 - EOH
									bxia, no apparent S_2
S		762							EOH

DDH 76-U151 (2 8)

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

Logged By: JSM

Sampled By:

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27	Length	Recovery	Unit
P	00	15	4627 KA	1.5	0.8	4E4
P	15	30	4628 KA	1.5	1.2	4E4
P	30	46	4629 KA	1.6	1.1	4E4 4G4
P	46	61	4630 KA	1.5	1.4	4E4
P	61	76	4631 KA	1.5	1.2	4B0
P	76	91	4632 KA	1.5	1.4	4A4
P	91	107	4633 KA	1.6	1.6	4A4
P	107	122	4634 KA	1.5	1.5	4A4
P	122	137	4635 KA	1.5	1.5	4A4
P	137	152	4636 KA	1.5	1.5	4A4
P	152	168	4637 KA	1.6	1.5	4A4, 4D4
P	168	183	4638 KA	1.5	1.5	4EA
P	183	204	4639 KA	2.1	2.0	4EA
P	545	564	4640 KA	1.9	1.8	4D4, 4GK
P	564	579	4641 KA	1.5	1.3	4E0
P	579	594	4642 KA	1.5	1.4	4K0, 4D4, 4E0
P	594	610	4643 KA	1.6	1.3	4E0 4D4 4E0 4E4
P	610	625	4644 KA	1.5	1.0	4EA
P	625	651	4645 KA	2.6	2.0	4 (4D4, 4K, 4E etc)

Section 80W Logged in A80; Sampled 1981

DDH EAGLE 51 (2 / 8) **Cyprus Anvil Mining Corp** Page ____ of ____

Logged by JSM + checked Date 6/81 Sampled by ____

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	42	
	00	22	68612	22	16	4E4	(4A4 phyllitic)	1
	22	28	68613	06	06	4E*4	(4E4 porous)	2
	28	41	68614	13	12	4E4		3
	41	46	68615	05	04	4G4		4
	46	61	68616	15	13	4E4		5
	61	74	68617	13	13	4B4S	(4L2) (4E4)	6
	74	91	68618	17	17	4A4	+3G2 finely interbanded	7
	91	111	68619	20	20	4A4	+3G2 finely interbanded	
	111	131	68620	20	20	4A4	"	
	131	143	68621	12	12	4A4	"	
	143	154	68622	11	11	4A4	"	
	154	167	68623	13	10	4D4		8
	167	183	68624	16	16	4E4	(4A3 phyllitic, 4E0)	9
	183	207	68625	24	19	4E4	(4A3 phyllitic, 4E0, 4G47)	
	546	554	68626	08	08	4G4	± * Dolo	10
	554	578	68627	24	21	4E0	(4G41 @ 55.5 + 56.9) (CO2 = casts @ TOI)	11
	578	583	68628	05	04	4G4		12
	583	601	68629	18	17	4E0	(4G41 @ 58.7 + 59.7) (4K + 4D @ TOI)	13
	601	624	68630	23	21	4E4	87 (4G41 minor @ stp. cts)	14
	624	651	68631	27	19	4E0	(4G*4 calcite) (4E4) (4K4)	15

Note: numbers on rep samples are these → not numbers on logs

DDH FAG4.1.5.1 (2 meters 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	412	426	BP					broken core poor recy.
F	588	596	D?					subtle bxiation
F	651	660	XB					bxia
F	670	686	G					gouge, broken core
F	732	747	BP	3				33% recy .5m/1.5m.
F	747	762	D?					bxia 5D4* in dk.gy matrix
F	207	246	Q					
F	583	586	X?					
F	598	601	D?					
F	624	651	B?					

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D.D.H. Nº 76-U-151 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,879.287 80W STARTED AUGUST 21, 1976

80W REMUCK STATION

DEPARTURE 7,443.319 2N + 17M COMPLETED AUGUST 22, 1976

ELEVATION 1,115.771 PROPOSED DEPTH 250 - 76.2m

ULTIMATE DEPTH - 76.2m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224°	+43°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 86%

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	20.4	MINERALIZED GRAPHITIC PHYLLITE (PG) W/MASSIVE SULFIDE 40 8	0.8	4627	0	1.5	1.5	5.58	9.55	86.74			8.37	14.33	130.11
		INTERVALS (M). Competent. F_2 = 25-30°; F_1 = 40-45°. 80 10	1.2	4628	1.5	3.0	1.5	8.25	11.51	113.1			12.38	17.27	169.71
		Sulfides following both foliation. 75 8	1.1	4629	3.0	4.6	1.6	10.42	15.28	143.3			16.67	24.45	229.31
		1.5-6.1: Massive sulfide interval with porous variety 75 9	1.4	4630	4.6	6.1	1.5	12.23	20.76	185.5			18.35	31.14	278.24
		(M+MV). Compositional banding = 70-75°. 25 5	1.2	4631	6.1	7.6	1.5	1.40	3.00	23.31			2.10	4.5	34.97
		Contacts gradational. 25 4	1.4	4632	7.6	9.1	1.5	2.25	4.30	35.31			3.38	6.45	52.97
		13.1-13.2: Bleached phyllite. White with fuchsite 25 6	1.6	4633	9.1	10.7	1.6	2.58	4.25	37.37			4.13	6.80	5979
		laminae. Foliation = 25°. Clean contacts 30 6	1.5	4634	10.7	12.2	1.5	2.53	4.50	39.43			3.80	6.75	59.15
		parallel to foliation. F_1 parallel to F_2 30 10	1.5	4635	12.2	13.7	1.5	3.10	5.95	51.43			4.65	8.93	77.15
		NOTE: Change in F_1/F_2 relationship from first 1.5m 25 9	1.5	4636	13.7	15.2	1.5	2.28	4.35	39.43			3.42	6.53	59.15
		of run $1\ 2$ attributed to drilling penetrating the upper limb of a big fold. 60 10	1.5	4637	15.2	16.8	1.6	9.19	11.71	132.0			14.70	18.74	211.20
		13.7-15.2: F_1 parallel to F_2 = 30°. 75 10	1.5	4638	16.8	18.3	1.5	6.17	5.80	94.63			9.26	8.70	141.95
		16.8-19: Massive sulfide interval. Compositional 70 8	2.0	4639	18.3	20.4	2.1	4.05	4.65	60.34			8.51	9.77	126.71
		banding Py/Sph-Pb = 60°.		W.Av.	0	20.4	20.4	5.49	8.06	79.92			111.95	164.36	1630.41
		20.4: Gradual change to graphitic phyllite (G).		W.Av.	0	6.1	6.1	9.14	14.29	132.4			55.77	87.19	807.37
				W.Av.	7.6	15.2	7.6	2.55	4.67	40.55			19.38	35.46	308.21
				W.AV.	15.2	20.4	5.2	6.24	7.16	92.28			34.7	37.21	479.86
20.4	24.4	GRAPHITIC PHYLLITE (G). Broken blocky core from flakes to	3.8		20.4	24.4	4.0								
				W.Av.	15.2	18.3	3.1	7.79	8.85	113.92			23.96	27.44	353.15

LOGGED BY _____ D.D.H. NO. 76-U-151 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		3cm long. Foliation = 50-55°. No clear F_1/F_2 relationship noted.													
		24.4: Gradual change to sericite phyllite (S).													
24.4	26.0	SERICITE PHYLLITE (S). Competent. F_2 = 50°; F_1 = 0-5°. Short interval of tuffaceous looking bleached phyllite = 10cm.	1.5		24.4	26.0	1.6								
		26: Gradual change to chloritic-calcitic phyllite (CK).													
26.0	30.5	CHLORITIC-CALCITIC PHYLLITE (CK). Competent. F_2 = 50-55°; F_1 = 0-10°. Tuffaceous looking.	4.3		26.0	30.5	4.5								
		30.5: Decrease in calcitic chloritic constituent. Rx be-cominb sericite phyllite with trace calcite (S+K).													
30.5	42.6	SERICITE PHYLLITE WITH TRACE OF CALCITE. Competent. F_2 = 45-50°; F_1 = 10°. Calcite marking F_1 crenulations.	10.7		30.5	42.6	12.1								
		41.1-42.7: Broken core. Pebbly-no gouge.													
		42.6: Abrupt change to tuffaceous looking unit (Sb)? Contact broken ground.													
42.6	47.0	BLEACHED PHYLLITE (Sb). Broken, hard, siliceous. Cream white to buff, very fine grain. Has some lapilli size	3.9		42.6	47.0	4.4								

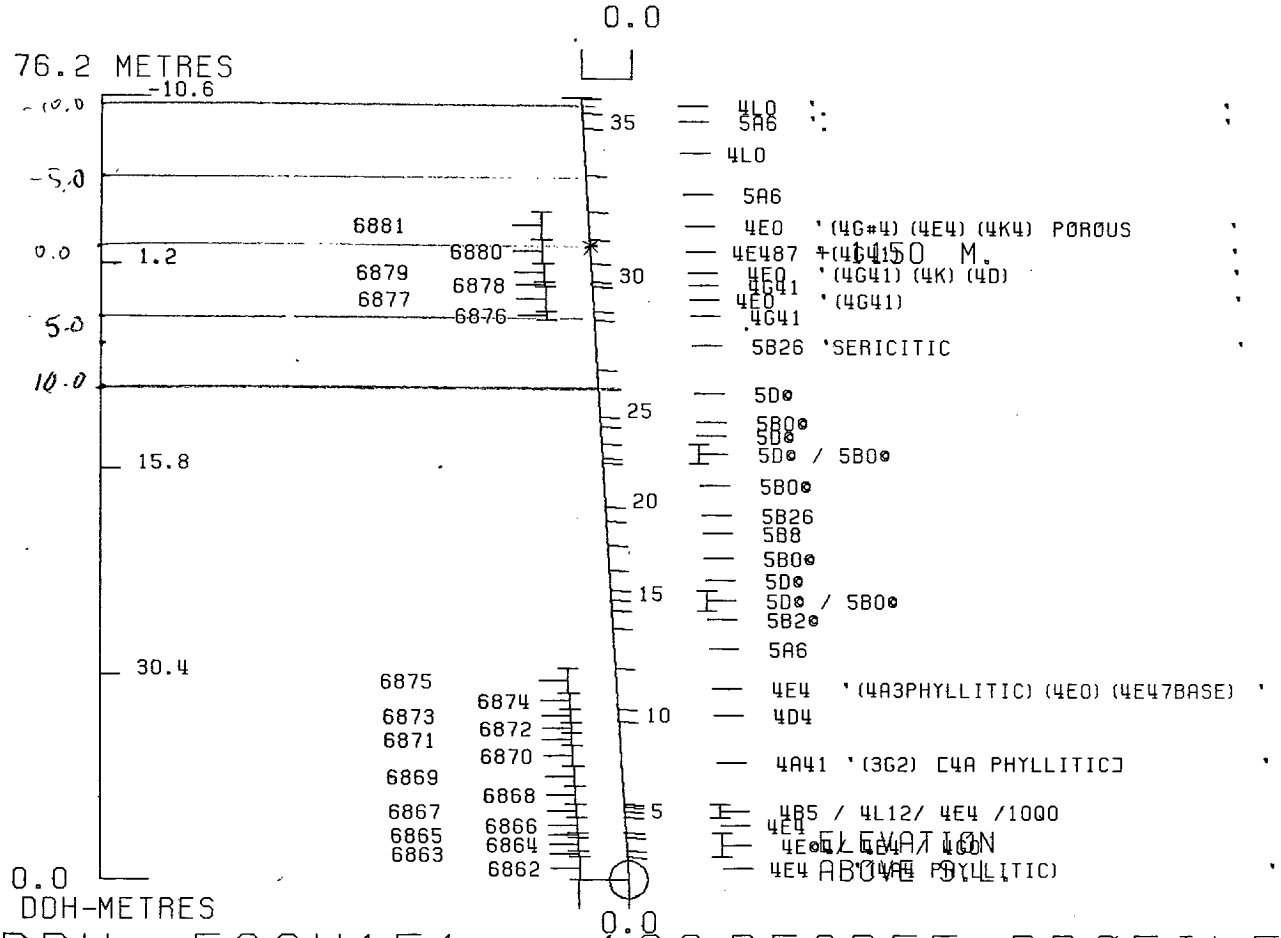
BY _____ D.D.H. NO 76-U-151 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		fragments = 2% of volume. Foliation = 55-60°. Barite prism													
		in cavity walls. *Note: T. section specimen taken.													
		47.0: Abrupt change to calcitic-chloritic unit (Sc+K).													
47.0	51.8	CALCITIC-CHLORITIC SERICITE PHYLLITE (Sc+K). Broken,	4.0		47.0	51.8	4.8								
		blocky core. F_2 = 65-70°. No clear F_1 /F_2 relationship													
		noted. Calcite as very thin laminae in groundmass.													
		Chlorite = 20%; Calcite = 5%.													
		51.8: Gradual change to sericite phyllite (S). Contact													
		broken ground.													
51.8	54.5	SERICITE PHYLLITE (S). Broken core, pebbles to 3cm. long.	2.5		51.8	54.5	2.7								
		Foliation = 65°. No F_1 /F_2 relationship noted.													
		53.3: Shear.													
		54.5: Sharp contact with Massive sulfides (M). Contact													
		marked by 2cm. bleached phyllite (Sb). Contact													
		plane = 30°.													
54.5	65.1	MASSIVE SULFIDE W/QUARTZ INCLUSIONS AND SULFIDE 75 8	1.8	4640	54.5	56.4	1.9	4.89	3.70	71.66			9.29	7.03	136.15
		BRECCIA VARIETY (MIq + MXs). Competent, hard and 75 5	1.3	4641	56.4	57.9	1.5	1.93	2.30	47.31			2.90	3.45	70.97
		brittle. Compositional band Py/ZnS+PbS = 45°. 75 8	1.4	4642	57.9	59.4	1.5	4.80	4.70	70.63			7.2	7.05	105.95
		55.5-56: Barite in groundmass (Mb). 59-59.5: Sulfide Bx (MXs). Sulfide angular frag- 75 5	1.3	4643	59.4	61.0	1.6	10.44	8.57	124.5			16.70	13.71	199.14
		ments Ø = 1mm-1cm cemented by sulfide													

LOGGED BY _____ D.D.H. NO 76-U-151 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		and trace calcite. Bands Po and Mgtt. 75 10	1.0	4644	61.0	62.5	1.5	15.89	12.42	192.7			23.84	18.63	289.04
		65.1: Abrupt change to graphitic phyllite (G). 75 9	2.0	4645	62.5	65.1	2.6	6.62	5.00	111.1			17.21	13.00	288.83
		Contact broken core.													
				W.Av.	59.4	65.1	5.7	10.13	7.95	136.3			57.75	45.34	777.01
				W.Av.	59.4	62.5	3.1	13.08	10.43	157.5			40.54	32.34	480.18
				W.Av.	54.5	59.4	4.9	3.96	3.58	63.89			19.39	17.53	313.07
65.1	68.4	GRAPHITIC PHYLLITE (G). Broken core - rangin from flakes	2.1		65.1	68.4	3.3								
		to blocks about 4cm long. F_1 is parallel to F_2 = 25°, @ 66.													
		Foliation turn = 0° @ 68 - fold nose.													
		68.4: Fault contact with bleached phyllite. Black and													
		bleached sericite gouge material with quartz pebbles													
		and sericite flakes.													
68.4	73.2	BLEACHED PHYLLITE (Sb). Broken, blakey core. Foliation =	4.0		68.4	73.2	4.8								
		45°. No F_1 / F_2 relationship noted.													
		73.2: Abrupt change to graphitic sericite phyllite (SG).													
73.2	76.2	GRAPHITIC SERICITE PHYLLITE (SG). Broken core.													
		74.7-76.2: Bx. Bleached phyllite and quartz fragments	2.1		73.2	76.2	3.0								
		well cemented by graphite and silica.													
	76.2	END OF HOLE.													

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 4 JUL 1985 1:35 PM



DDH: FAGU151 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

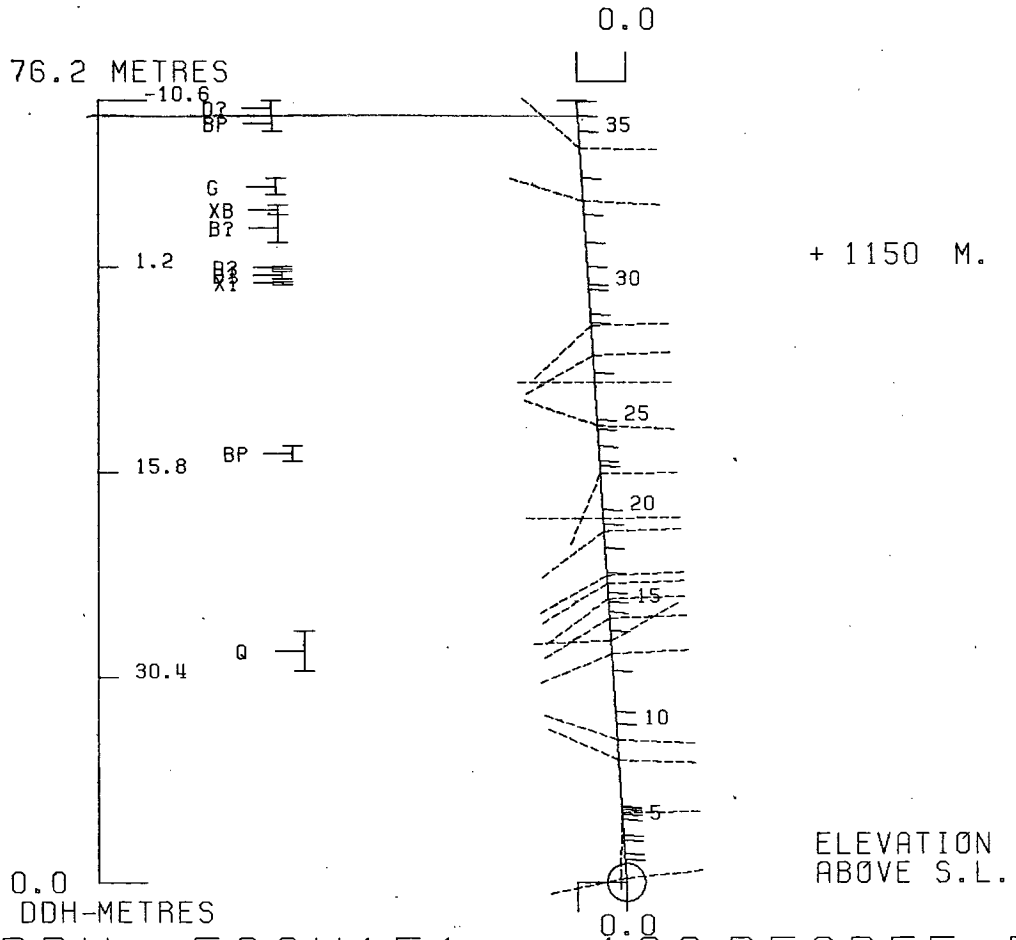
ELEV:1108 592134E ; 905081N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 271.8 Z = 1108.2

SECTION NAME: 01N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 4 JUL 1985 2:08 PM



DDH: FAGU151 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV:1108 592134E ; 905081N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 271.8 Z = 1108.2

SECTION NAME: 01N

DRILL HOLE	:	FAGU153
NORTHING	:	905,081.1
EASTING	:	592,134.4
ELEVATION	:	1,105.6
TOTAL DEPTH	:	61.0
SECTION	:	W 80
R.F.E.	:	S2
RFE DIRECTION:		230
PLUNGE ANGLE :		11
PLUNGE DIRECT:		312
DHD CALC:		1
SS CALC:		0

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	26
NOS DOWN-H-SURVEYS:	1
NOS DOWN-H-LITHOLOGY:	20
NOS DOWN-H-STRUCTURE:	12
NOS DOWN-H-FAULTS:	2
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU153 UTM-N: 905,081.1 UTM-E: 592,134.4 UTM-ELEV: 1,105.6 TOTAL DEPTH: 61.0 SECTION: W 80
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	3.0	06836	3.0	1.5	4A4	3.49	.04	5.10	10.10	82.00		1.10	1	11	12						
3.0	5.3	06837	2.3	2.1	4A4	3.38	.11	3.20	6.10	69.00		1.17	1	14	15						
5.3	7.3	06838	2.0	2.0	4A4	3.35	.07	4.40	8.00	71.00		1.10	1	11	12						
7.3	9.1	06839	1.8	1.8	4A4	3.36	.06	4.80	12.70	82.00		1.23	1	7	8						
9.1	11.3	06840	2.2	2.1	4A4	3.35	.03	5.00	11.50	84.00		1.17	1	10	11						
11.3	13.1	06841	1.8	1.8	4A4	3.62	.07	4.70	8.80	79.00		1.44	1	15	16						
13.1	15.2	06842	2.1	2.1	4A4	3.38	.05	3.20	8.10	60.00		1.10	1	13	14						
15.2	16.8	06843	1.6	1.6	4A4	3.26	.05	1.69	4.20	35.00	32.00	.75	1	13	14						
16.8	18.3	06844	1.5	1.5	4A31	3.67	.06	1.63	3.80	38.00		.89	1	21	23						
18.3	19.8	06845	1.5	1.5	4A41	3.47	.03	1.62	4.30	35.00		1.58	1	16	17						
19.8	21.7	06846	1.9	1.5	4A41	3.24	.11	1.90	4.10	36.00		1.92	1	12	13						
21.7	23.2	06847	1.5	1.5	4A41	3.33	.08	2.90	6.90	56.00		1.92	1	13	14						
23.2	25.2	06848	2.0	1.6	4E0	4.53	.31	.66	1.07	25.00		2.40	1	40	42						
25.2	26.9	06849	1.7	1.6	4E0	4.66	.27	.83	1.56	25.00		1.92	1	40	42						
26.9	29.6	06850	2.7	2.7	4A41	3.45	.13	3.80	7.60	69.00		2.06	1	14	15						
29.6	30.5	06851	.9	.7	4E0	4.70	.25	1.82	1.78	36.00		1.03	1	40	42						
30.5	32.0	06852	1.5	1.4	4E4	4.43	.28	6.00	9.30	103.00		1.17	2	35	37						
32.0	33.5	06853	1.5	1.4	4AE4	3.67	.20	5.70	7.40	122.00	98.00	1.03	1	16	18						
33.5	35.1	06854	1.6	1.0	4E41	4.45	.07	11.50	19.60	185.00		2.88	2	16	18						
35.1	35.6	06855	.5	.4	4G4	4.78	.25	8.00	15.30	162.00		4.05	2	20	22						
35.6	36.6	06856	1.0	.8	4E4	4.37	.13	6.30	13.00	113.00		1.10	3	15	18						
36.6	37.0	06857	.4	.4	4A1	3.52	.08	2.30	2.60	52.00		1.99	1	15	17						
37.0	38.1	06858	1.1	1.0	4G4	4.75	.25	6.10	7.70	115.00		2.13		30	30						
38.1	40.0	06859	1.9	1.4	5C4	3.38	.05	.70	.61	16.00		4.66	4	11	16						
40.0	41.6	06860	1.6	1.2	4G4	4.94	.29	7.00	9.40	136.00		2.47		22	23						
41.9	42.7	06861	.8	.8	4A1	3.46	.05	.89	1.58	19.00		1.10	1	15	16						
WEIGHTED AVERAGE																					
.0	41.6		41.6	36.6		3.76	.12	3.91	7.40	72.09	4.76	1.70	1	18	19						
41.9	42.7		.8	.8		3.46	.05	.89	1.58	19.00		1.10	1	15	16						

DDH: FAGU153 UTM-N: 905,081.1 UTM-E: 592,134.4 UTM-ELEV: 1,105.6 TOTAL DEPTH: 61.0 SECTION: W 80
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	107.200	223.400

DDH: FAGU153 UTM-N: 905,081.1 UTM-E: 592,134.4 UTM-ELEV: 1,105.6 TOTAL DEPTH: 61.0 SECTION: W 80
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
16.8	0001	4A4		0.0	1
18.3	0002	4A31		0.0	1
23.2	0003	4A41	(3G2)(4A3)	0.0	1
26.9	0004	4EG		0.0	1
29.6	0005	4A41	(3G2)	0.0	1
30.5	0006	4EG		0.0	1
32.0	0007	4E4		0.0	1
33.5	0008	4A4	(4E4)	0.0	1
35.1	0009	4E41		0.0	1
35.6	0010	4G4	POROUS	0.0	1
36.6	0011	4E4	(4G4) MINOR	0.0	1
37.0	0012	4A1		0.0	1
38.1	0013	4G4		0.0	1
40.0	0014	5C4@	(4L2) MINOR	0.0	1
41.6	0015	4G4		0.0	1
41.9	0016	5C4@		0.0	1
42.7	0017	4A1		0.0	1
56.9	0018	5A6		0.0	1
57.7	0019	5D6		0.0	1
61.0	0020	5A6		0.0	1

DDH: FAGU153 UTM-N: 905,081.1 UTM-E: 592,134.4 UTM-ELEV: 1,105.6 TOTAL DEPTH: 61.0 SECTION: W 80
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU153	0.0	1.5	PS2		0	0	0	0	27	230	0	1	0	0
FAGU153	0.0	6.4	PS2		0	0	0	0	49	230	0	1	0	0
FAGU153	0.0	11.1	PS2		0	0	0	0	42	230	0	1	0	0
FAGU153	0.0	16.3	PS2		0	0	0	0	77	230	0	1	0	0
FAGU153	0.0	21.6	PS2		0	0	0	0	34	230	0	1	0	0
FAGU153	0.1	42.3	PS2	P	0	0	0	0	0	0	0	1	0	0
FAGU153	0.0	42.4	CS2		0	0	0	0	58	230	0	1	0	0
FAGU153	0.0	44.2	CS2		0	0	0	0	65	230	0	1	0	0
FAGU153	42.3	45.7	CS2	S	0	0	0	0	0	0	0	1	0	0
FAGU153	0.0	46.2	CS2		0	0	0	0	32	230	0	1	0	0
FAGU153	0.0	51.8	CS2		0	0	0	0	19	230	0	1	0	0
FAGU153	0.0	57.9	CS2		0	0	0	0	28	230	0	1	0	0

DDH: FAGU153 UTM-N: 905,081.1 UTM-E: 592,134.4 UTM-ELEV: 1,105.6 TOTAL DEPTH: 61.0 SECTION: W 80
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU153	23.2	26.9	NNN		0	0	0	0	0	3	1
FAGU153	35.0	36.5	B.		0	0	0	0	0	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U153

Project: Grum Relog

Location: Vangorda Plateau

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 6905081.07 N

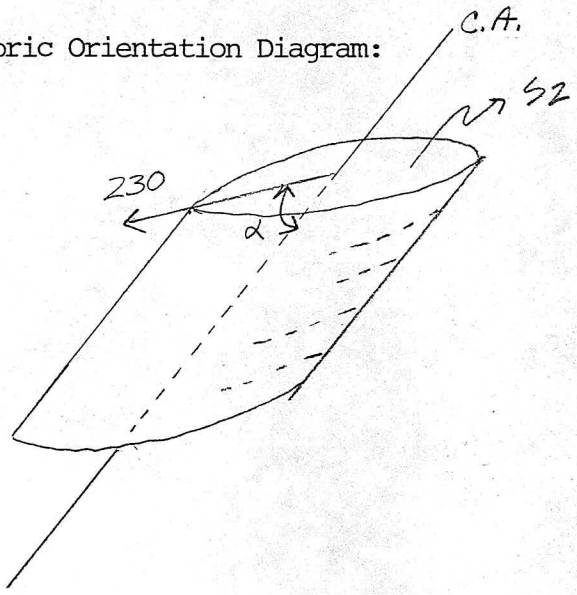
592134.37 E

Grid Co-ords.: 80W/2N

Elevation: 1105.6

Total Depth: 61 m

Fabric Orientation Diagram:



All symmetry determinations looking NW with S_2 dipping SW with dip azimuth 230.

Purpose:

Re Logged by: JSM Date(s) Logged: July 6, 1980

Drilling Contractor:

Core:	Size	From	To	Collar Cased and Capped:
	BQ	0	61	

Started: 8/21/76 Completed: 8/27/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U153
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U153	1105.6	905081.1	592134.4	METRES

change to 223.4 to correspond to True N. instead of UTM North - ECP July/83

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U153	00	107.2	221.8	AT COLLAR
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH 76-U153 (2–8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
1	10–14	16–20	22 23	25–27	(1981 check:)
L	0	168	1	4A4	5-18.5% PbZn; avg ~14%. Red sphal, gal + py
L	168	183	2	4A1	<5% PbZn 4A31
L	183	232	3	4A4	5-7% PbZn, as unit 1 4A41 + 3G2 (4A3)
L	232	269	4	4E0	1-2% PbZn note lost core (lost after KA assays)
L	269	296	5	4A4	up to 12% PbZn, as unit 1 + 3 4A41 + 3G2
L	296	305	6	4E0	<1% PbZn
L	305	320	7	4E4	19.5% PbZn, red sphal + gal decr. below 31.4 (4E4)
L	320	335	8	4A4	70-80% sfd, 16% PbZn, more sfd than units 1,3+5
L	335	351	9	4E4	High grade, 35% PbZn, red sphal matrix w/ gal, py, + qtz → 4E41
L	351	356	10	4G4	? porous sfds, leached burite? } 17% PbZn
L	356	366	11	4E4	? chewed up core (minor 4G4) }
L	366	370	12	4A0	4A1
L	370	381	13	4G4	11% PbZn orange sphal + gal
L	381	400	14	~~4L0~~	altered 5D buff w/ mariposite laminae 5C4* ank. marip
					38.9-39.4 sfd (4L2) in stp ctc w/ ~~4L~~ 5C <1% PbZn
L	400	416	15	4G4	5-10% PbZn honey sphal + gal
L	416	419	16	~~4L0~~	as unit 14 5C4* ank. marip
L	419	427	17	4A0	4A1
L	427	569	18	5A6	slightly calc locally
L	569	577	19	5D6	lt. buff-green
L	577	610	20	5A6	as unit 18

note 1981 changes
In 1980, "Normal" 4A
ie 4A0 included
what we have now
broken out as "4A1
+ 3G2 finely interlaminate"

What the hell ???
is 4A1 + 3G2
its 4A phyllitic
now, what the hell is ...

DDH 76-U153 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JSM

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		15	P S 2			27 2310	R region 0-42.4
S		164	P S 2			49 2310	mostly AA sym not observed due to splitting
S		1111	P S 2			42 2310	
S		1163	P S 2			77 2310	
S		216	P S 2			34 2310	no S_2 rdgs poss. 21.6-42.3
							comp bndg in AG = 55° to C.A.
S		4223	F 2	R			S region 42.3-45.7
S		4244	C S 2			58 2310	
S		4422	C S 2			65 2310	
S		4577	F 2	S			No sym because S_2 is too stp to orient core 45.7-61.0
S		4622	C S 2			32 2310	
S		5188	C S 2			19 2310	
S		5799	C S 2			28 2310	
S		6100	F 2				EDH

DDH 76-U-153 (2 / 8)

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

Logged By: JSM

Sampled By:

Code	From	To	Sample No.	Description	Length	Recovery	Unit
P	100	115	A47116	KA	1.5	0.5	4AA
P	115	130	A47117	KA	1.5	1.2	4AA
P	130	146	A47118	KA	1.6	1.5	4AA
P	146	161	A47119	KA	1.5	1.5	4AA
P	161	176	A47120	KA	1.5	1.5	4AA
P	176	191	A47121	KA	1.5	1.5	4AA
P	191	107	A47122	KA	1.6	1.6	4AA
P	107	122	A47123	KA	1.5	1.5	4AA
P	122	137	A47124	KA	1.5	1.3	4AA
P	137	152	A47125	KA	1.5	1.2	4AA
P	152	168	A47126	KA	1.6	1.5	4AA
P	168	183	A47127	KA	1.5	1.2	4A1
P	183	198	A47128	KA	1.5	1.5	4AA
P	198	213	A47129	KA	1.5	1.1	4AA
P	213	229	A47130	KA	1.6	1.0	4AA
P	229	244	A47131	KA	1.5	0.9	4AA, 4E0
P	244	259	A47132	KA	1.5	1.3	4E0
P	259	274	A47133	KA	1.5	1.4	4E0, 4AA
P	274	290	A47134	KA	1.6	1.2	4AA
P	290	305	A47135	KA	1.5	1.3	4AA, 4E0
P	305	320	A47136	KA	1.5	1.2	4E4
P	320	335	A47137	KA	1.5	1.4	4AA
P	335	351	A47138	KA	1.6	1.3	4E4
P	351	366	A47139	KA	1.5	1.2	4E4
P	366	381	A47140	KA	1.5	1.4	4A0, 4G4
P	381	396	A47141	KA	1.5	1.5	4L0
P	396	422	A47142	KA	2.6	1.9	4L0, 4G4, 4L6, 4AA

section 80W Logged in 1980, Sampled 1981

DDH FAGU153 Cyprus Anvil Mining Corp Page ____ of ____

Logged by JSM. + checked 1981

ASSAY LOG (SAMPLER'S COPY) Date 6/81 Sampled by ____

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
A	100	130	68136	30	15	14AHV	+3Gz finely intbndd (4D4)
A	130	153	68137	23	21	14A1411	+3Gz (4D4)
A	153	173	68138	20	20	14A1411	+3Gz (4D4)
A	173	191	68139	18	18	14A1411	+3Gz (4D4)
A	191	1113	68140	22	21	14A1411	+3Gz (4D4)
A	1113	1131	68141	18	18	14A1411	+3Gz (4D4)
A	1131	1152	68142	21	21	14A1411	+3Gz (4D4)
A	1152	1168	68143	16	16	14A1411	+3Gz (4D4)
A	1168	1183	68144	15	15	14A131	
A	1183	1198	68145	15	15	14A1411	+3Gz (4A3)
A	1198	1217	68146	19	15	14A1411	+3Gz
A	1217	1232	68147	15	15	14A1411	+3Gz
A	1232	1252	68148	20	16	14E101	Note core loss
A	1252	1269	68149	17	16	14E10	note core loss
A	1269	1296	68150	27	27	14A1411	+3Gz
A	1296	1305	68151	09	07	14E10	
A	1305	1320	68152	15	14	14E14	
A	1320	1335	68153	15	14	14A14	
A	1335	1351	68154	16	10	14E141	
A	1351	1356	68155	05	04	14G141	(4E4 porous)
A	1356	1366	68156	10	08	14E14	
A	1366	1370	68157	04	04	14A11	
A	1370	1381	68158	11	10	14G14	
A	1381	1400	68159	14	14	15C141*	ank marip +minor sfds
A	1400	1416	68160	16	17	14G14	
A	1419	1427	68161	08	08	14A11	

C.A.M.C. 1981 - E - 5

DDH FAGU.153 2 Meters 8

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Ext Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	123 2	269	N N N					
F	356	366	B					

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO D.D.H. Nº 76-U-153 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,879.100 80W STARTED AUGUST 21, 1976

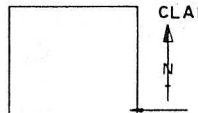
DEPARTURE 7,443.537 2N + 17m COMPLETED AUGUST 22, 1976

ELEVATION 1,113.226 PROPOSED DEPTH 61m

ULTIMATE DEPTH 61m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	223° 22'	-17° 13'

CLAIM Nº



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 87%

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	42.2	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent.	30	7	0.5	4716	0	1.5	1.5	4.42	9.69	63.43			6.63	14.54	95.15
		F = 35-40°; F = 0-5°. Series of small F noses.	30	7	1.2	4717	1.5	3.0	1.5	5.78	9.47	78.86			8.67	14.21	118.29
		Closures form ellipsoidal conic section (drill per-	25	6	1.5	4718	3.0	4.6	1.6	2.88	5.78	44.23			4.61	9.25	70.77
		haps intersecting F at almost tangential angle).	30	8	1.5	4719	4.6	6.1	1.5	5.82	9.22	94.63			8.73	13.83	141.95
		23.0-27: Massive sulfide, structureless. Contacts	35	9	1.5	4720	6.1	7.6	1.5	3.60	8.50	50.40			5.40	12.75	75.6
		gradual.	35	9	1.5	4721	7.6	9.1	1.5	6.07	12.53	30.57			9.11	18.80	120.86
		30-32: Massive sulfide with porous variety. Voids	30	10	1.6	4722	9.1	10.7	1.6	6.19	12.47	80.57			9.90	19.95	128.91
		aligned = 80° (MV).	25	9	1.5	4723	10.7	12.2	1.5	4.30	7.37	59.31			6.45	11.06	88.97
		37-38.1: Sulfides (Mb) impregnated in barite ground-	30	8	1.3	4724	12.2	13.7	1.5	4.55	8.95	64.46			6.83	13.43	96.69
		mass. Not massive sulfide but more like dissemination	30	10	1.2	4725	13.7	15.2	1.5	3.50	8.10	55.54			5.25	12.15	83.31
		Ba = 30%; Sulfides = 65% 38.1-39.9: Bleached phyllite interval. Buff with	30	8	1.5	4726	15.2	16.8	1.6	2.13	3.83	33.26			3.41	6.13	53.22
		prominent fuchsite laminae. Foliation =	40	6	1.2	4727	16.8	18.3	1.5	1.40	1.90	22.29			2.10	2.85	33.44
		35-40°. 1st contact sharp = 30°, 2nd =35°	30	6	1.5	4728	18.3	19.8	1.5	1.68	3.75	30.17			2.52	5.63	45.26
		42.2: Sharp contact with graphitic phyllite (G).	30	5	1.1	4729	19.8	21.3	1.5	2.15	4.55	35.31			3.23	6.83	52.97
		Contact marked by 10cm bleached phyllite.	30	7	1.0	4730	21.3	22.9	1.6	3.38	7.26	48.34			5.41	11.62	77.34
		Plane = 45°.	70	4	0.9	4731	22.9	24.4	1.5	1.18	1.40	24.34					
42.2	61.0	GRAPHITIC PHYLLITE (G). Broken fissile core.	75	3	1.3	4732	24.4	25.9	1.5	0.53	0.93	15.09					

LOGGED BY _____ D.D.H. Nº 76-U-153 PAGE 2

Interval From	Interval To	DESCRIPTION		Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		Foliation F_2 = 45-50°; F_1 = 10-15°.	75 7	1.4	4733	25.9	27.4	1.5	1.85	2.70	35.31					
		Sporadic sulfide laminae: Py = 2%; PbZn = 1%	40 10	1.2	4734	27.4	29.0	1.6	4.40	8.25	60.34			7.04	13.20	96.54
		49.4: Sulfide showing decreasing from this point on.	60 8	1.3	4735	29.0	30.5	1.5	2.15	2.70	33.26			3.23	4.05	49.89
		Foliation = 15°; F_1 = 45-55°. F_2 fold nose	75 10	1.2	4736	30.5	32.0	1.5	8.41	11.16	124.5			12.62	16.74	186.69
		@ 53.3	40 10	1.4	4737	32.0	33.5	1.5	7.06	9.10	104.9			10.59	13.65	157.35
			70 10	1.3	4738	33.5	35.1	1.6	12.69	22.34	195.8			20.30	35.89	313.23
		55.8: F_2 = 45-5°;	70 10	1.2	4739	35.1	36.6	1.5	6.47	11.46	98.74			9.71	17.19	148.11
		F_1 = 0-5°.	70 8	1.4	4740	36.6	38.1	1.5	5.27	6.58	86.74			7.91	9.87	130.11
		57.4-57.9: Bleached phyllite. Buff to green	20 3	1.5	4741	38.1	39.6	1.5	0.95	0.80	16.11			1.43	1.20	24.17
		Foliation = 15°.	40 4	1.9	4742	39.6	42.2	2.6	5.42	7.19	90.86			14.09	18.69	236.24
		59.4-61: Foliation changes again to F_2 = 35-40°; F_1 =														
		0-20° (opposite dip of F_2).		17.7		42.2	61.0	18.8								
	61.0	END OF HOLE.			W.Av.	0	15.2	15.2	4.71	9.21	67.14			71.58	139.97	102.05
					"	4.6	10.7	6.1	5.43	10.71	76.61			33.14	65.33	467.32
					"	15.2	19.8	4.6	1.75	3.18	28.68			8.03	14.61	131.92
					"	19.8	22.9	3.1	2.79	5.95	42.04			8.64	18.45	130.31
					"	27.4	42.2	14.8	5.87	8.82	90.7			86.92	130.48	1342.4
					"	30.5	36.6	6.1	8.72	13.68	132.0			53.22	83.47	805.41
					"	27.4	30.5	3.1	3.31	5.56	47.2			10.27	17.25	146.43
					"	30.5	38.1	7.6	8.04	12.28	123.1			61.13	93.34	935.53
					W.Av	38.1	42.2	4.1	3.79	4.85	63.5			15.52	19.89	260.41

DDH: FAGU153 -- 132 DEGREE PROFILE

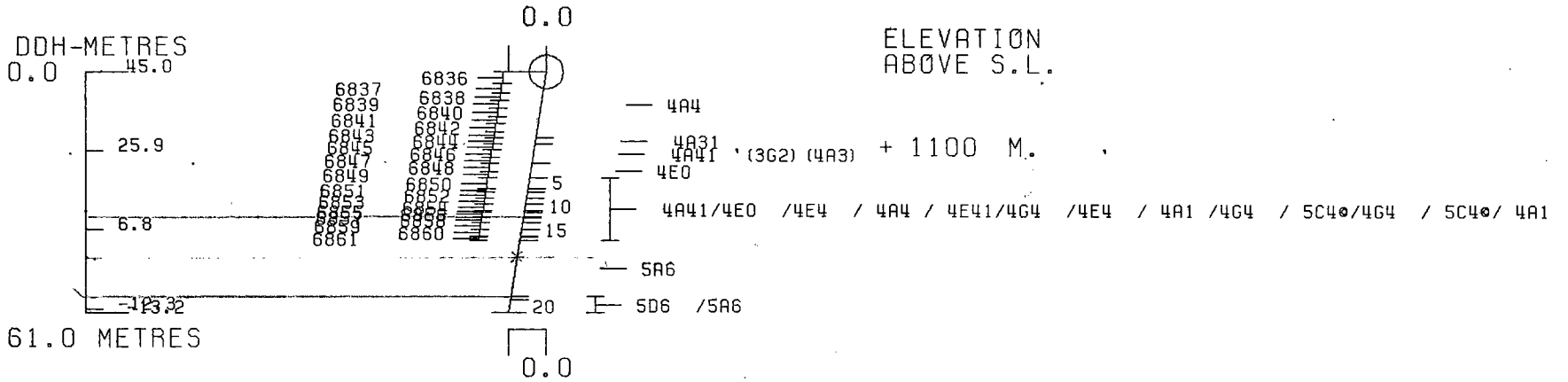
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1106 592134E ; 905081N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 272.1 Z = 1105.6

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH162 4 JUL 1985 1:36 PM

DDH: FAGU153 -- 132 DEGREE PROFILE

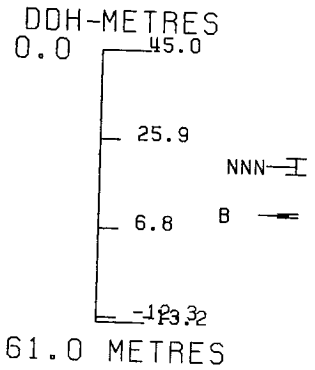
(VIEW AZIMUTH = 42 DEGREES)

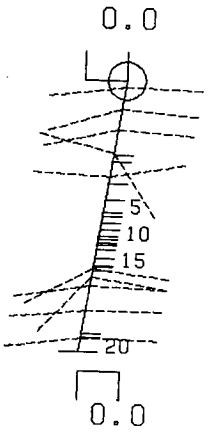
ELEV: 1106 592134E ; 905081N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 272.1 Z = 1105.6

SECTION NAME: 01N





ELEVATION ABOVE S.L.

+ 1100 M.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 18 OCT 1985 1:01 PM

DRILL HOLE : FAGU155
NORTHING : 904,788.5
EASTING : 592,443.3
ELEVATION : 1,166.8
TOTAL DEPTH : 61.0
SECTION : W 66
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 28
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 12
NOS DOWN-H-STRUCTURE: 8
NOS DOWN-H-FAULTS: 12
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU155 UTM-N: 904,788.5 UTM-E: 592,443.3 UTM-ELEV: 1,166.8 TOTAL DEPTH: 61.0 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
2.1	4.2	09718	2.1	1.2	4A3		.09	.14	.61	6.00											
4.2	6.3	09719	2.1	2.1	4A3		.14	.11	.49	11.00											
6.3	8.4	09720	2.1	2.1	4A3	3.36	.21	.57	1.39	21.00		.55	2	17	19						
8.4	10.4	09721	2.0	2.0	4A3	3.37	.19	.90	1.77	20.00		.75	2	16	18						
10.4	12.5	09722	2.1	2.1	4A1	3.46	.14	.87	1.45	20.00		.75	2	19	21						
12.5	14.5	09723	2.0	2.0	4A1	3.54	.18	.43	1.04	15.00		.82	1	21	23						
14.5	16.5	09724	2.0	1.9	4A1		.20	.14	.70	8.00											
16.5	18.5	09725	2.0	2.0	4A1		.23	.15	.63	10.00											
18.5	20.5	09726	2.0	2.0	4A1		.19	.09	.90	7.00											
20.5	22.5	09727	2.0	2.0	4A1		.14	.05	.35	5.00											
22.5	24.5	09728	2.0	1.8	4A1		.22	.08	.50	7.00											
24.5	26.5	09729	2.0	2.0	4A1		.26	.19	.58	10.00											
26.5	27.2	09730	.7	.7	4C0		.16	.43	1.29	11.00											
27.2	27.8	09731	.6	.6	4A31		.09	.62	1.17	13.00											
27.8	30.4	09732	2.6	2.6	4CA		.32	.19	.68	9.00											
30.4	31.8	09733	1.4	1.2	4CA		1.00	.05	.50	14.00											
31.8	32.5	09734	.7	.7	4A31		.50	.04	.43	10.00											
32.5	34.5	09735	2.0	2.0	4CAE		.56	.05	.93	16.00											
34.5	36.5	09736	2.0	2.0	4CAE	3.39	.42	.06	1.14	12.00		.14	5	17	22						
36.5	37.5	09737	1.0	1.0	4CAE	3.88	.35	.26	2.97	18.00		.21	6	26	32						
37.5	39.0	09738	1.5	1.5	4CAE	3.38	.55	.13	1.27	16.00		.41	5	16	21						
39.0	41.0	09739	2.0	1.9	4C8	4.23	.31	.14	1.47	18.00		.14	11	28	39						
41.0	43.0	09740	2.0	2.0	4C8	3.81	.25	.53	1.77	26.00		.21	8	24	32						
43.0	45.0	09741	2.0	2.0	4C98	3.57	.65	.20	1.05	22.00		.55	5	22	27						
45.0	47.3	09742	2.3	2.3	4C98	3.78	.55	.18	1.59	21.00		.48	4	27	31						
47.3	49.6	09743	2.3	2.3	4C98	3.69	.24	.21	.51	15.00		1.23	2	28	30						
49.6	51.0	09744	1.4	1.4	4DA4	3.61	.18	5.59	8.37	96.00		1.09	2	16	18						
51.0	53.0	09745	2.0	1.6	4E0		.33	.52	.96	26.00											
WEIGHTED AVERAGE																					
2.1	53.0		50.9	49.0		1.75	.30	.41	1.21	16.70		.27	2	10	12						

DDH: FAGU155 UTM-N: 904,788.5 UTM-E: 592,443.3 UTM-ELEV: 1,166.8 TOTAL DEPTH: 61.0 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	146.000	224.000

DDH: FAGU155 UTM-N: 904,788.5 UTM-E: 592,443.3 UTM-ELEV: 1,166.8 TOTAL DEPTH: 61.0 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
10.4	0001	4A3	(4C0) MINOR	0.5-	1
26.5	0002	4A1	-> 4C0	0.5-	1
27.2	0003	4C0		0.5-	1
27.8	0004	4A31		0.5-	1
31.8	0005	4C0	-> 4A3 LOCALLY	0.5-	1
32.5	0006	4A31		0.5-	1
39.0	0007	4C3	(4A13) (4E0)	0.5-	1
43.0	0008	4C8		0.5-	1
49.6	0009	4C98	BXA	0.5-	1
51.0	0010	4D4	(4A0) (5A) BXA	0.5-	1
53.0	0011	4E0		0.5-	1
61.0	0012	5A0		0.5-	1

DDH: FAGU155 UTM-N: 904,788.5 UTM-E: 592,443.3 UTM-ELEV: 1,166.8 TOTAL DEPTH: 61.0 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU155	0.0	3.1	CS2		0	0	0	C	21	230	C	1	1	1
FAGU155	0.0	7.7	CS2		0	0	0	0	36	230	C	1	1	1
FAGU155	0.0	14.3	CS2		0	0	0	0	41	230	C	1	1	1
FAGU155	0.0	21.0	CS2		0	0	0	C	41	230	0	1	1	1
FAGU155	0.0	27.7	CS2		0	0	0	0	35	230	0	1	1	1
FAGU155	0.0	53.7	CS2		0	0	0	C	48	230	0	1	1	1
FAGU155	0.0	56.9	CS2		0	0	0	C	22	230	C	1	1	1
FAGU155	0.0	60.7	CS2		0	0	0	C	16	230	0	1	1	1

DDH: FAGU155 UTM-N: 904,788.5 UTM-E: 592,443.3 UTM-ELEV: 1,166.8 TOTAL DEPTH: 61.0 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU155	0.1	6.0	BX		0	0	0	0	0	0	1
FAGU155	34.2	34.7	B		0	0	0	0	0	0	1
FAGU155	35.1	35.5	X		0	0	0	0	0	0	1
FAGU155	35.5	36.0	B		0	0	0	0	0	0	1
FAGU155	36.4	37.0	X		0	0	0	0	0	0	1
FAGU155	37.2	37.5	B		0	0	0	0	0	0	1
FAGU155	39.0	43.0	1X		0	0	0	0	0	0	1
FAGU155	46.0	46.5	X		0	0	0	0	0	0	1
FAGU155	49.6	51.0	XS?		0	0	0	0	0	0	1
FAGU155	53.0	53.5	G		99	999	0	0	0	0	1
FAGU155	53.5	56.4	B		0	0	0	0	0	0	1
FAGU155	59.5	60.5	GP		99	999	0	0	0	0	1

DDH: FAGU155 UTM-N: 904,788.5 UTM-E: 592,443.3 UTM-ELEV: 1,166.8 TOTAL DEPTH: 61.0 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU155	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U155

Project: GRUM RELOG

Location: VANGORDA PLATEAU

Claim:

VTM ~~Terr~~. Plane Co-ords.: 6,904,789.74 N

592,444.81 E

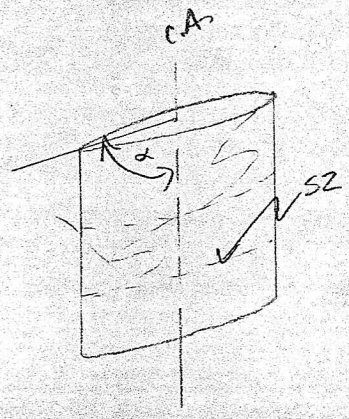
conversion of C-A surveyed grid co-ords

Grid Co-ords.: 66W | 2N

Elevation: 1166.79

Total Depth: 61.0 m

Fabric Orientation Diagram:



All symmetry determinations looking NW with S2 dipping SW with dip azimuth 230.

Purpose:

Logged by: RE PN Date(s) Logged: AUG.22/80

Drilling Contractor:

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

Started: AUG.24/76 Completed: AUG.25/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U155

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U155	11166.8	9047881.5	5924431.8/3	METRIC

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U155	00	146.0	224.0	AT COLLAR
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH 76-U155 (2–8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PN / PST

Code (1)	From (10–14)	To (16–20)	Unit (22–23)	Code (25–27)	Description
L	00	104	1	4A3	(4CO) 0-6m. poor recovery, broken core; brecciated w/ qtz & py clasts 5.0-6.6m; < 3% PbZn; 4CO 9.1-9.7m; 4A3 interval 10-15% py
L	104	265	2	4A1	3 very siliceous, gradually grading into & out of 4CO w/ minor graphite; also minor 4A3 intervals; 20-30% py
L	265	272	3	4C0	< 1% PbZn; (graphitic laminae 10% of 20% rock)
L	272	278	4	4A31	< 1% PbZn; 4A31;
L	278	318	5	4C0	minor mt at 28.2m (0.1m); 29.2m (0.1m); 30.4 to EOH; mcp in fractures. 4A13 amounts to 0.1m; 2 interbands 29-30
L	318	325	6	4A3	< 1% PbZn;
L	325	390	7	4C0	(4A13, 4E0) 4A13 (32.8-33.3; 34.5-35.1) 4CO 50% py, minor cp in fractures sub // ca mgt (0.1m) at 37.0; broken core 34.2-34.7; 35.4-36; 37.2-37.5; Bx 35.1-35.5 Bx 36.4-37.0 < 1% PbZn; 36.4-37.1 4E0 bx.
L	390	430	8	4C8	< 3% PbZn; 5% mgt as laminae and clots to 1.5cm; fracturing sub // ca and weak bxian present. minor cp 50
L	430	496	9	4C9	minor cpy stringers; few mt blebs; brecciated 46.0-46.5m; Cu > 0.3% Frac at 46.0 // c.a.
L	496	510	10	4D4	(4A0, 5A) see nb 1 below
L	510	530	11	4E0	See nb 2 below
L	530	610	12	5A0	calcareous fracture fillings; gouge 53.0-53.5, 59.5-59.7m; broken core 53.5-56.4m; minor pyrite 59.4-59.5, 60.5-61.0m 5B6; gouge 59.5-60.5, poor recovery; OPD 59.2-59.4m; weakly calcareous sit
		EOH			
					@ 59.7 gouge ≈ // S_2 ?? (caused by drilling?) also @ 53 ≈ sub // S2
nb1	496	510		4D4	(4A0, 5A) fractured sub // c.a. 4A as fragments in 4D4 matrix; 50.7-51.05A in shear with minor 4A bxtd. cnt with next unit as graphitic shear 0-10° to c.a.
nb2	510	530		4E0	weakly fractured sub // ca. ankerite sealed. < 2% qtz as tiny clots. Qtz though laminated (51.8-52.2) occurs as 2nd veins. lower cnt shear // S_2
					NB unit 8 approaches 4E8 over 50% of unit.

DDH 76-U-155 Cyprus Anvil Mining Corp. Page 4 of 5

Structural Log Logged By: AJ

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		31	CS12			21 230	very few Symmetry determinations available since Core previously split ∴ Only S2 - C.A. angles measured
S		197	CS12			316 230	
S		1483	CS12			411 230	
S		2410	CS12			411 230	
S		2777	CS12			315 230	No measurements available 27.7-53.7 m
S		5337	CS12			48 230	
S		5569	CS12			222 230	
S		6007	CS12			16 230	
		EOH					

DDH 76-U-155 (2 / 8)

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

Logged By: PN

Sampled By: KA

Code	From	To	Sample No.	Description			
1	10 14	16 20	22 27		LENGTH	REC.	UNIT
P	115	146	147154	KA	3.1	0.8 ✓	4A3
P	146	176	147155	KA	3.0	1.7 ✓	4A3
P	176	191	147156	KA	1.5	1.3	4A3
P	191	1107	147157	KA	1.6	1.6	4A3 | 4A1
P	1107	1122	147158	KA	1.5	1.4	4A1
P	1122	1137	147159	KA	1.5	1.3	4A1
P	1137	1152	147160	KA	1.5	1.2	4A1
P	1152	1168	147161	KA	1.6	1.1	4A1
P	1168	1198	147162	KA	3.0	2.4	4A1
P	1198	2229	147163	KA	3.1	2.9	4A1
P	2229	2259	147164	KA	3.0	2.5	4A1
P	2259	2290	147165	KA	3.1	2.3	4A1 | 4C0 | 4A3
P	2290	3320	147166	KA	3.0	2.7	4C0 | 4A3
P	3320	3351	147167	KA	3.1	2.8	4A3 | 4C0
P	3351	3381	147168	KA	3.0	2.4	4C0
P	3381	4111	147169	KA	3.0	2.9	4C0 | 4C8
P	4111	4442	147170	KA	3.1	2.5	4C8 | 4C0
P	4442	4772	147171	KA	3.0	2.8	4C0
P	4772	5103	147172	KA	3.1	3.0	4C0 | 4A4
P	5103	5330	147173	KA	2.7	2.3	4A4 | 4C0

DDH 76-41 55 (2–8) **Cyprus Anvil Mining Corp**

Page 5 of 5

Logged by PBT

ASSAY LOG (SAMPLER'S COPY)

Date Aug 19/81

Sampled by h.b.

CODE (1)	FROM (10–14)	TO (16–20)	SAMPLE (22–26)	INTR. (28–30)	REC (m) (32–34)	UNIT (36–40)	DESCRIPTION (42)	
	00	21		21	02	4A3	(4C0)	
P	21	42	9718	21	12	4A3	(4C0)	1
P	42	63	9719	21	21	4A3	(4C0)	
P	63	84	9720	21	21	4A3	(4C0)	
P	84	104	9721	20	20	4A3	(4C0)	
P	104	125	9722	21	21	4A13		
P	125	145	9723	20	20	4A13		2
P	145	165	9724	20	17	4A13		
P	165	185	9725	20	20	4A13		
P	185	205	9726	20	20	4A13		
P	205	225	9727	20	20	4A13		
P	225	245	9728	20	18	4A13		
P	245	265	9729	20	20	4A13		
P	265	272	9730	07	07	4C0		3
P	272	278	9731	06	06	4A31		4
P	278	304	9732	26	26	4C0		
P	304	318	9733	12	12	4C0		5
P	318	325	9734	07	07	4A31		6
P	325	345	9735	20	20	4C0	(4A13)	7
P	345	365	9736	20	20	4C0	(4E0) bx	7
P	365	375	9737	20	12	4C0	(4A13)	
P	375	390	9738	15	15	4C0	(4A13)	
P	390	410	9739	20	19	4C8		8
P	410	430	9740	20	20	4C8		
P	430	450	9741	20	20	4C9		
P	450	473	9742	23	23	4C9		9
P	473	496	9743	23	23	4C9		
P	496	510	9744	14	14	4D4	(4A0, 5A)	10
P	510	530	9745	20	16	4E0		11

DDH FAGU155 (2 M. 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	001	060	BX					
F	342	347	B					
F	354	360	B					
F	372	375	B					
F	351	355	X					
F	364	370	X					
F	390	430	IX					
F	460	465	X					
F	530	535	G		99 999			?
	~~515~~	~~518~~	G					
F	535	564	B					
F	595	605	GA		99 999			?
F	476	510	XS?					0-10° to CA ??

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO

D.D.H. Nº 76-U-155 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE * 10,578 2N+5NE STARTED AUGUST 24, 1976

DEPARTURE 7,744.5 66W COMPLETED AUGUST 25, 1976

ELEVATION 1,177.4 PROPOSED DEPTH 61m

ULTIMATE DEPTH 61m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224°	-56°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 77.2%

Interval From	Interval To	DESCRIPTION		Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	38.1	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent.	20 3	0.8	4754	1.5	4.6	3.1	0.10	0.30	5.14					
		Changing foliation. 0-16.8: Foliation = 15-20°	25 2	1.7	4755	4.6	7.6	3.0	0.20	1.00	8.23					
		and at 16.9-21.3: Foliation = 45-50°.	30 6	1.3	4756	7.6	9.1	1.5	1.78	1.95	30.17					
		F /F very well shown at 19.8-22.9.	30 6	1.6	4757	9.1	10.7	1.6	1.23	2.30	17.14					
		1 2 0-1.5: No core recovered.	35 4	1.4	4758	10.7	12.2	1.5	1.30	2.25	18.17					
		1.5-4.6: Broken core. No gouge. Poor recovery.	35 4	1.3	4759	12.2	13.7	1.5	0.55	1.35	12.00					
		5-6: Bx. Phyllite, quartz with sulfide fragments Ø	35 2	1.2	4760	13.7	15.2	1.5	0.43	0.58	10.97					
		= 1mm-2cm cemented by graphite.	30 3	1.1	4761	15.2	16.8	1.6	0.08	0.98	4.11					
		16-16.8: Barite prisms in cavity wall. Small fissure	25 4	2.4	4762	16.8	19.8	3.0	0.18	0.60	8.91					
		= 7°. 34.0: Shear.	25 4	2.9	4763	19.8	22.9	3.1	0.05	0.98	4.11					
		38.1: Gradual change to Quartz-sulfide (P).	25 4	2.5	4764	22.9	25.9	3.0	0.18	0.73	8.23					
			30 4	2.3	4765	25.9	29.0	3.1	0.48	0.73	8.91					
38.1	53.0	QUARTZ-SULFIDE (P). Competent. Very siliceous ground	30 3	2.7	4766	29.0	32.0	3.0	0.05	0.78	9.94					
		mass. Bands of Po and Mgtt at 39-41.1.	35 3	2.8	4767	32.0	35.1	3.1	0.10	1.13	12.00					
		Foliation = 60°. Compositional banding in wider	45 4	2.4	4768	35.1	38.1	3.0	0.13	2.08	13.03					
		sulfide run = 65-70°.	45 3	2.9	4769	38.1	41.1	3.0	0.20	1.65	14.06					
		50.6-51.3: Graphitic phyllite interval (G).	35 3	2.5	4770	41.1	44.2	3.1	0.63	1.88	22.9					

LOGGED BY _____ D.D.H. NO 76-U-155 PAGE 2

Interval From	Interval To	DESCRIPTION		Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		Broken core. Contact apparently sharp = 30° (?)	40 4	2.8	4771	44.2	47.2	3.0	0.20	1.33	15.09					
		(Based on fragmentary core).	40 5	3.0	4772	47.2	50.3	3.1	1.08	1.53	22.29					
		53.0: Sharp change to Graphitic Phyllite (G) = 35°.	50 6	2.3	4773	50.3	53.0	2.7	1.80	3.65	38.40			4.86	9.86	103.68
53.0	61.0	GRAPHITIC PHYLLITE (G). Broken, flakey core. Flakes		5.2		53.0	61.0	8.0								
		appear to break parallel to F (?) = 10-15°.														
		59.5: Small fault. Balck gouge with graphite flakes.			W.Av.	1.5	7.6	6.1	0.79	PbZn						
					W.Av.	7.6	12.2	4.5	3.68	PbZn						
					W.Av.	12.2	35.1	22.9	1.06	PbZn						
	61.0	END OF HOLE.			W.Av.	35.1	50.3	15.2	2.15	PbZn						
					W.Av.	50.3	53.0	3.0	1.73	3.44	36.79			5.18	103.2	110.37

DDH: FAGU155 -- 132 DEGREE PROFILE

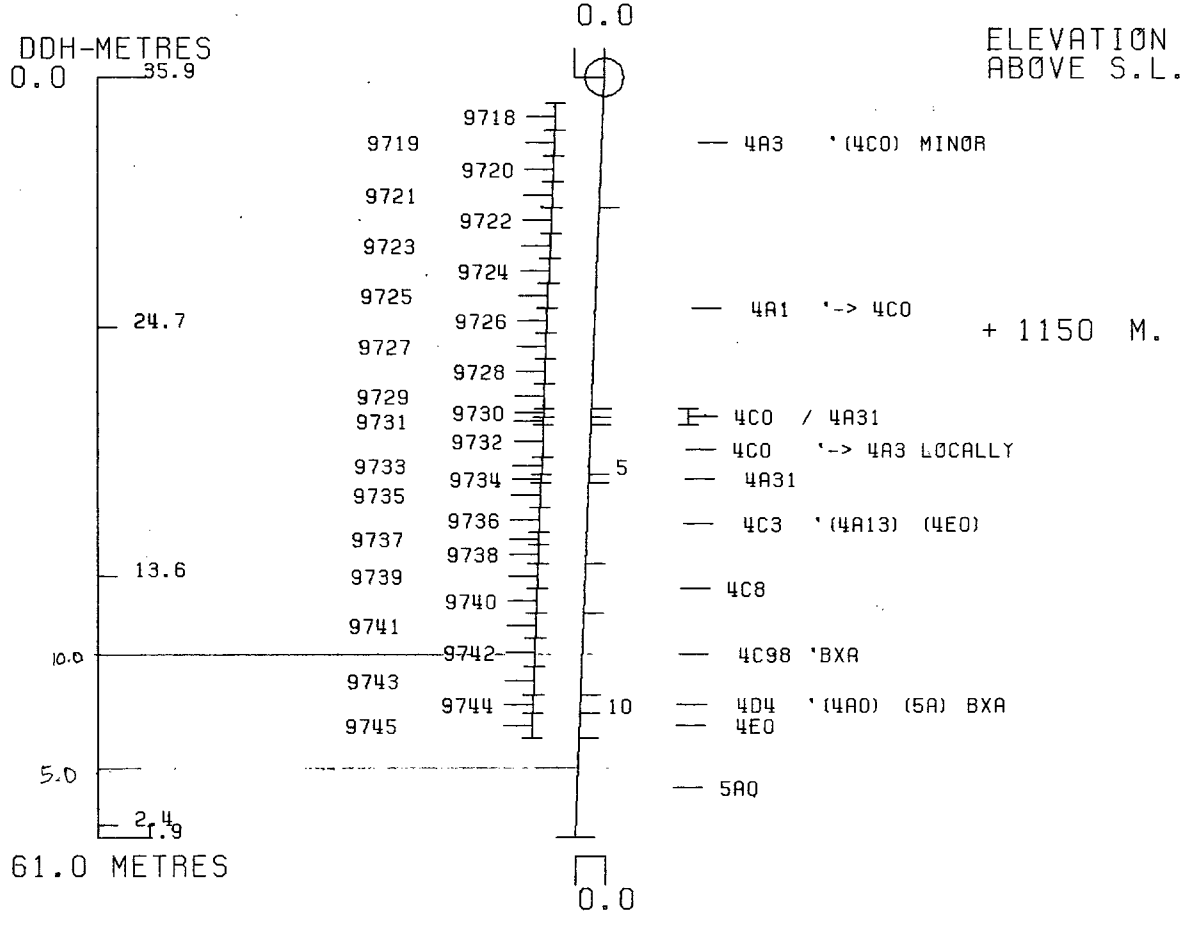
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1167 592443E ; 904789N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 697.5 Z = 1166.8

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 18 OCT 1985 3:08 PM

DDH: FAGU155 -- 132 DEGREE PROFILE

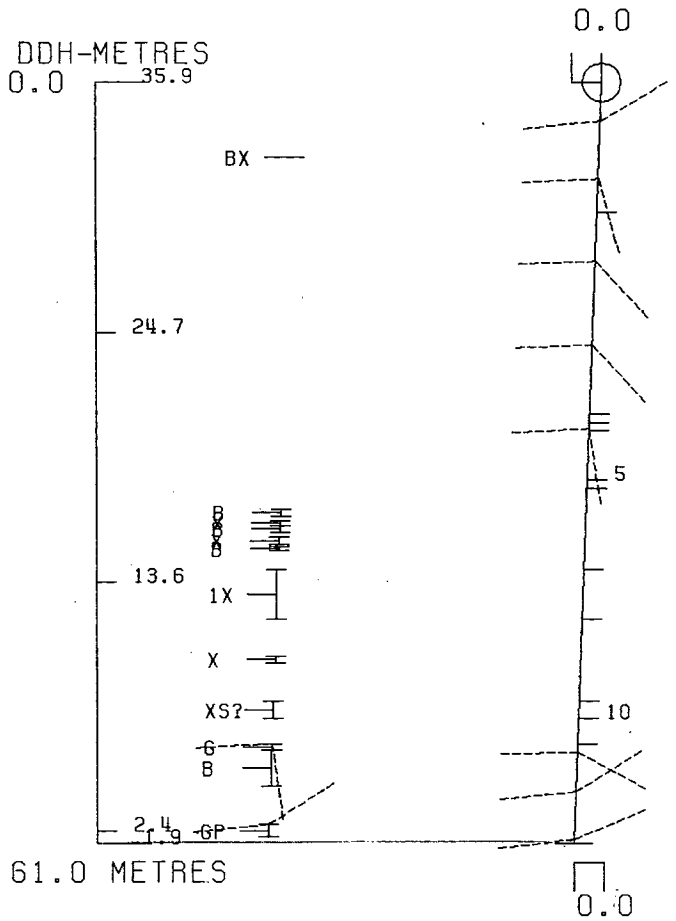
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1167 592443E ; 904789N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 697.5 Z = 1166.8

SECTION NAME: 01N



ELEVATION ABOVE S.L.

+ 1150 M.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 18 OCT 1985 3:07 PM

DRILL HOLE : FAGU158
NORTHING : 905,131.9
EASTING : 592,099.0
ELEVATION : 1,097.7
TOTAL DEPTH : 74.3
SECTION : W 82
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 16
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 27
NOS DOWN-H-STRUCTURE: 10
NOS DOWN-H-FAULTS: 3
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU158 UTM-N: 905,131.9 UTM-E: 592,099.0 UTM-ELEV: 1,097.7 TOTAL DEPTH: 74.3 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
										ASSAYS											
1.0	2.5	14075	1.5	.0	4A4	3.25	.02	2.73	5.40	50.00		.95	1	10	11						
2.5	4.1	14076	1.6	.0	4A4	3.43	.10	2.91	5.00	53.00		1.23		14	15						
4.1	5.8	14077	1.7	.0	4A34	4.02	.20	6.09	7.90	117.99		1.43	1	23	24						
5.8	7.6	14078	1.8	.0	4A34	4.25	.02	8.40	15.09	140.00		1.16	1	20	22						
7.6	9.2	14079	1.6	.0	4A4	3.27	.01	5.20	11.30	86.00		.27	2	7	9						
9.2	10.8	14080	1.6	.0	4A4	3.20	.02	2.10	4.16	44.00		.47	1	10	11						
10.8	12.4	14081	1.6	.0	4A4	3.12	.08	3.39	5.50	57.99		.89		7	8						
12.4	14.1	14082	1.7	.0	4A4	3.64	.10	3.45	8.50	63.99		.75	1	15	16						
15.5	16.8	14083	1.3	.0	4A30		.05	1.47	2.73	31.99											
39.5	42.7	14085	3.2	.0	4L24	3.41	.16	1.78	1.83	27.00		.20	10	8	18						
42.7	45.7	14087	3.0	.0	4L42		.08	.73	.96	13.99											
45.7	47.2	14088	1.5	.0	4GE	3.47	.14	5.59	6.29	102.00		.62	2	13	16						
47.2	50.2	14089	3.0	.0	4L42		.02	.31	.20	6.99											
50.2	53.2	14090	3.0	.0	4L42		.08	.67	.56	13.00											
53.2	56.0	14091	2.8	.0	4L42		.14	.19	.16	6.99											
68.6	69.6	14092	1.0	.0	4L67		.07	.76	.67	14.99											
WEIGHTED AVERAGE																					
1.0	14.1		13.1	.0		3.54	.07	4.36	7.99	78.01		.90	1	14	15						
15.5	16.8		1.3	.0			.05	1.47	2.73	31.99											
39.5	56.0		16.5	.0		.97	.10	1.19	1.27	21.87		.09	2	2	4						
68.6	69.6		1.0	.0			.07	.76	.67	14.99											

DDH: FAGU158 UTM-N: 905,131.9 UTM-E: 592,099.0 UTM-ELEV: 1,097.7 TOTAL DEPTH: 74.3 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	45.000	224.000

DDH: FAGU158 UTM-N: 905,131.9 UTM-E: 592,099.0 UTM-ELEV: 1,097.7 TOTAL DEPTH: 74.3 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.0	0001	#		0.5-	1
4.1	0002	4A4		0.5-	1
7.6	0003	4A34		0.5-	1
14.1	0004	4A4		0.5-	1
15.5	0005	5A4*		0.5-	1
16.8	0006	4A30		0.5-	1
20.8	0007	5A*		0.5-	1
23.5	0008	5B62	$	0.5-	1
28.1	0009	5B6$	&8 (5D$) 80:20	0.5-	1
30.5	0010	5B08	(5D0) 80:20	0.5-	1
35.1	0011	5B6$		0.5-	1
38.8	0012	5B62	$ (10Q0)(5A$) 60:10:30	0.5-	1
39.5	0013	4L42	&7	0.5-	1
41.9	0014	4D4	[4L14278] &9	0.5-	1
42.3	0015	4L42	&7	0.5-	1
42.7	0016	4L12	4	0.5-	1
45.7	0017	4L42	&7	0.5-	1
47.2	0018	4G4	(4E08)	0.5-	1
56.0	0019	4L42	&7 &@	0.5-	1
57.9	0020	4L67	[3G48]	0.5-	1
62.3	0021	4L@	&6 &7 &2	0.5-	1
65.1	0022	5C*	(10Q0) 90:10	0.5-	1
66.0	0023	5F6		0.5-	1
68.1	0024	5C*		0.5-	1
68.6	0025	4L65		0.5-	1
69.6	0026	4L67	524 &1	0.5-	1
74.3	0027	4L65	(10Q*)	0.5-	1

DDH: FAGU158 UTM-N: 905,131.9 UTM-E: 592,099.0 UTM-ELEV: 1,097.7 TOTAL DEPTH: 74.3 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU158	0.0	3.8	PS1	P	0	0	0	0	50	230	0	1	1	1
FAGU158	0.0	12.4	PS1	P	0	0	0	0	70	230	0	1	1	1
FAGU158	0.0	23.0	CS2		0	0	0	0	40	230	0	1	1	1
FAGU158	0.0	29.7	CS2		0	0	0	0	55	230	0	1	1	1
FAGU158	0.0	37.2	CS2		0	0	0	0	60	230	0	1	1	1
FAGU158	0.0	42.9	PS2		0	0	0	0	45	230	0	1	1	1
FAGU158	0.0	50.9	CS2		0	0	0	0	30	230	0	1	1	1
FAGU158	0.0	58.0	CS2		0	0	0	0	50	230	0	1	1	1
FAGU158	0.0	64.3	CS2		0	0	0	0	32	230	0	1	1	1
FAGU158	0.0	72.0	CS2		0	0	0	0	68	230	0	1	1	1

DDH: FAGU158 UTM-N: 905,131.9 UTM-E: 592,099.0 UTM-ELEV: 1,097.7 TOTAL DEPTH: 74.3 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU158	4.1	14.1	D			0	0	0	0	0	0	1
FAGU158	16.8	20.8	B1G	3		0	0	0	0	0	0	1
FAGU158	69.5	74.3	1B			0	0	0	0	0	0	1

DDH: FAGU158 UTM-N: 905,131.9 UTM-E: 592,099.0 UTM-ELEV: 1,097.7 TOTAL DEPTH: 74.3 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU158	1	1

LAST K ADDI # USED 90606. SEC 82W

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGU 158

Reference Fabric Orientation Diagram:

Project: G Rum

Location: 82W

Claim: _____

UTM Terr. Plane Co-ords.: ~~6905153~~ 6905131.9195 N

transformed K-A grid location ~~592099~~ 592098.9854 E

Not inc in Hansons notes } approx. measured from map.

Grid Co-ords: _____

All symmetry determinations looking

K-A elev -10.61m Elevation: ~~1098.~~ 1097.72m ~~4119.02m~~ ? from log NW with 5° dipping

Total Depth: 74.3 m SW with dip azimuth ~~was 225.~~ in 1982 now 230°

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: _____

	CORE From	To	Collar Cased and Capped:
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

No DATA IN HANSON FILE

Cyprus Anvil Mining Corp.

DDH FAGU-158

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
	2 8	10 16	17 24	25 32	34 39	41 42
T	FAGU158	~~1098.0~~ 1119.02 from log	~~905133.0~~ 905131.9	~~592099.0~~ 592099.0	METRES	SZ

from K-B grid / transformed

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	FAGU158	00	45.0	224.0	AT COLLAR

check.

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

DDH FAGU158 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 3 of 6

Date: _____ Logged By: GJ

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	00	10		1		no recovery
L	10	41		2	4A4	ok exhalites - intact
L	41	76		3	4A34	sphal rich good exhalites with short
						massive sulfide sections. ductile bxn. common
L	76	141		4	4A4	ductile bxn. common. - minor massive py
						bands near base. intact
L	141	155		5	5A4*	intact.
L	155	168		6	4A30	rubbly near end (but split)
L	168	208		7	5A*	broken core and some gouge recovered
						30% recovery
L	208	235		8	5B62	* dolo / intact
L	235	281		9	5B6*	±8 dolo (5D*) 80:20 - 5D* mainly
						near end as thin bands - difficult
						to distinguish from host rx. intact
L	281	305		10	5B08	(5D0) 80:20 doesn't have good lith intact
L	305	351		11	5B6*	dolo intact
L	351	388		12	5B62	* dolo (0Q0) (5A*) 40:10:30; 0Q0 near end.
						no evidence for fault at lower contact
L	388	395		13	4L42	±7
L	395	419		14	4D4	[4L1427 8] ±9 looks like 4L overprint
						on a siliceous ore facies perhaps 4A
						since well banded locally - banded mt
L	419	423		15	4L42	±7
L	423	427		16	4L124	similar to 14 but less like 4D4
L	427	457		17	4L42	±7 semi interbanded carbonaceous
						rocks at 44.0
L	457	472		18	4G4	(4E08)
L	472	560		19	4L42	±7±5 (ank) py ±po + sphal in (5D4*)
						qtzose bands seperated by 4L0
						- bands semi massive - ank with
						qtz in bands with and without
						py or po in last half. - beige/creme slight grating
L	560	579		20	4L67	[3G48] minor po only - green grey rock
						seems like less intense version of
						bounding units - relict lithon struct
L	579	623		21	4L5	±6±7±2 5=ank. 4L0 with chloritic

47.2 - 56.0 sawn w/ ½ remaining

C.A.M.C. 1981 - E-3

check this hole! (end mainly)

DDH U158 (2–8) Cyprus Anvil Mining Corp. Page 4 of 6

Lithologic Log Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
						and ank bearing bands. - get the feeling it's 4L on SB(6)/SD interbands - most chloritic fwood base. intact
L	623	651		22	SC*	(QQ*) 90:10. chl mottled intact
L	651	660		23	SFG	could be altered SB rather than tuffs - ~~dk~~ banded chloritic rock not good as SDG - intact
L	660	681		24	SC*	intact mottled chloritic as #22
L	681	686		25	4L65	intact minor po. -ghosty chl bearing relict lithon
L	686	696		26	4L67	524 ±1 banded po rich sulfides with chloritic partings and some ank(?) rich bands.
						30 % po.
L	696	743		27	4L65	(QQ*) intact but cl/Hg broken. - heavily veined chloritic rock - could be altered SD*
						743 ≈ EOH

C.A.M.C. 1981 – E-3

DDH FAG.4.158 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: 12 Aug 82 Logged By: GAJ/DSJ

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip (28–32)	S_0 Direct.	S_1 Dip (34–38)	S_1 Direct.	S_2 Dip (40–44)	S_2 Direct	Description
S		38	RS1						50	225	or PS2 ; frac. clvg. 20°/180
S		124	RS1						70		" "
S		230	CS2						40		
S		297	CS2						55		⇒ PS2
S		372	CS2						60		
S		429	PS2						45		
S		509	CS2						30		
S		580	CS2						50		
S		643	CS2						32		
S		720	CS2						68		

DDH FAG0158 (2–8) Cyprus Anvil Mining Corp

Logged by

ASSAY LOG (SAMPLER'S COPY) Date Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10–14	16–20	22–26	28–30	32–34	36–40	42
P	10	25	140715	15	13	4A4	
P	25	41	140716	16	13	4A4	
P	41	58	140717	17	17	4A34	
P	58	76	140718	18	16	4A34	
P	76	92	140719	16	13	4A4	
P	92	108	140810	16	13	4A4	
P	108	124	140811	16	14	4A4	
P	124	141	140812	17	12	4A4	
P	155	168	140813	13	09	4A30	
P	395	427	140815	32	32	404	[4L14278 ±97]
P	427	457	140817	30	30	4L42	±7
P	457	472	140818	15	15	464	(4E08)
P	472	502	140819	30	30	4L42	±7±5
P	502	532	140910	30	30	4L42	±7±5
P	532	560	140911	28	28	4L42	±7±5
P	686	696	140912	10	10	4L67	524 ±1

no space

DDH FAG U 158 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
	141	1741	D					
	168	208	B	163				
	1695	743	B					

DIAMOND DRILL RECORD

LOGGED BY ALEXNADER YOUNG-PG

D.D.H. Nº 76-U-158 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,930.919m N 3N STARTED AUGUST 26, 1976

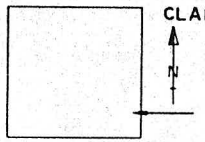
DEPARTURE 7,409.542 82W COMPLETED AUGUST 27, 1976

ELEVATION 1.108.329 PROPOSED DEPTH 175m - 53.3m

ULTIMATE DEPTH 144m - 74.3m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224°	+45°

CLAIM Nº



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 84%

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	16.8	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent. 25 9	1.4	4677	0	3.0	3.0	3.03	5.95	46.29			9.09	17.85	138.87
		Foliation = 85-90°; F_1 = 0-10°. Drill appear to be 30 8	1.2	4678	3.0	4.6	1.6	2.98	6.03	48.34			4.77	9.65	77.34
		penetrating perpendicular to F_2. Series of F_1 fold 40 10	1.5	4679	4.6	6.1	1.5	7.68	10.09	124.1			11.52	15.14	186.18
		noses followed by sulfides. 50 12	1.2	4680	6.1	7.6	1.5	9.45	16.21	138.2			14.18	24.32	207.26
		10.5-10.7: Bleached Phyllite. Broken core. White 40 10	0.9	4681	7.6	9.1	1.5	5.30	11.85	78.86			7.95	17.78	118.29
		with prominent fuchsite laminae. 25 9	1.0	4682	9.1	10.7	1.6	1.93	3.40	34.29			3.09	5.44	54.86
		15-15.4: Bleached Sericite Phyllite. Very fragmented 30 9	1.0	4683	10.7	12.2	1.5	3.95	6.71	60.34			5.93	10.07	90.51
		core. Prominent fuchsite. 35 10	0.8	4684	12.2	13.7	1.5	3.93	9.69	58.63			5.90	14.54	87.95
		16.8: Gradual decrease in minealization. Rx becoming 30 7	1.2	4685	13.7	16.8	3.1	1.53	2.60	25.37					
		Graphitic phyllite (G).													
16.8	22.9	GRAPHITIC PHYLLITE (G). Broken, fissile rx. Foliation =	5.2		16.8	22.9	6.1								
		45-50°; F_1 = 0-5°.		W.Av.	0	4.6	4.6	3.01	5.98	47.00			13.86	27.50	216.21
		18-18.5: Sheared.		W.Av.	4.6	9.1	4.5	7.48	12.72	113.7			33.65	57.24	511.73
		22.9: Gradual change to Sericite Phyllite (S).		W.Av.	9.1	13.7	4.6	3.24	6.53	50.7			14.92	30.05	233.32
				W.Av.	0	13.7	13.7	4.56	8.38	70.16			62.43	114.79	961.26
22.9	35.1	SERICITE PHYLLITE (S). Competent. Intervals with trace		W.Av.	10.7	13.7	3.0	3.94	8.20	59.5			11.83	24.61	178.46
		calcite (SK). Foliation = 40°. Calcite as thin laminae.	11.9		22.9	35.1	12.2								
		No clear F_1/F_2 relationship noted.													

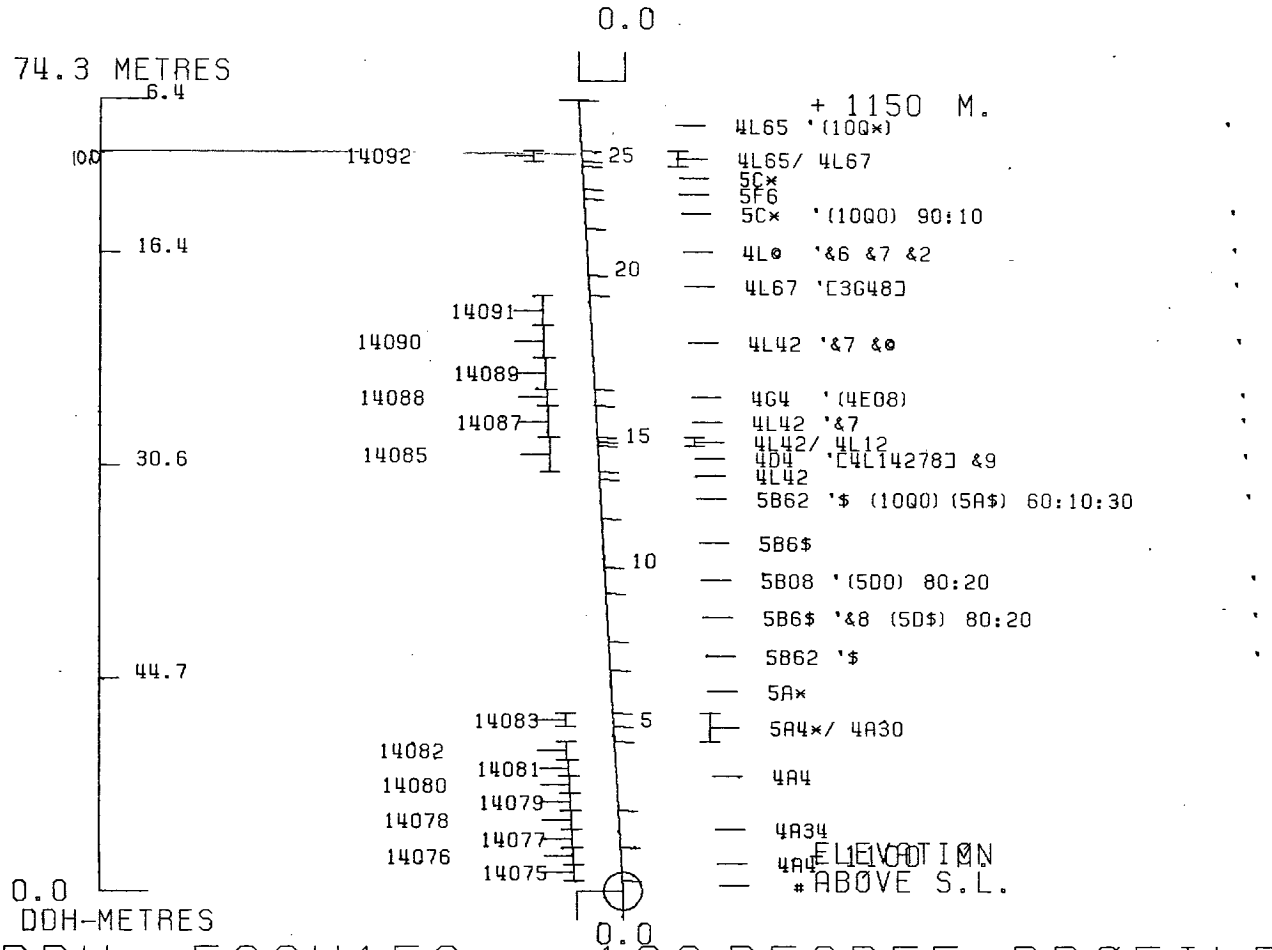
LOGGED BY _____ D.D.H. NO 76-U-158 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		35.1: Start gradual increase in graphite. Rx becoming													
		Graphitic Phyllite (G).													
35.1	39.8	GRAPHITIC PHYLLITE (G). Short blocky core ave: 2.5cm long.	3.0		35.1	38.9	3.8								
		F = 65°; F = 10-15°.													
		2 1													
		38.9: Abrupt change to Bleached Phyllite (Sb). Contact													
		re-drilled, can't make contact plane determination													
39.8	62.5	BLEACHED PHYLLITE (Sb) W/INTERCALATED INTERVAL OF 1 Tr.	0.6		38.9	39.5	0.6								
		BARITE RICH AMBER TO BLACK SPH (Mb). Bleached unit, 20 4	3.1	4686	39.5	42.7	3.2	2.00	1.78	25.37					
		competent, buff with greenish hue and weakly minera- 4 2	1.6		42.7	45.5	1.8								
		lized usually Po, Mgtt and Py = 2% (combined). 40 10	1.7	4687	45.5	47.2	1.7	6.30	6.45	95.66			10.71	10.96	162.0
		Foliation = 40°; F = 0-5°. 2 Tr.	14.8		47.2	62.5	15.3								
		1													
		39.6-42.1: Series of small F fold noses. Increase in			44.2	47.2	3.0	3.57	3.65	54.0					
		1													
		mineralization (see estimates).													
		45.5-47.2: Barite in groundmass with amber and dark													
		sphalerite dissemination.													
		62.5: Gradual change to chloritic phyllite (Sc).													
62.5	70.2	CHLORITIC PHYLLITE (Sc). Competent. Foliation is varying.	5.8		62.5	68.6	6.1								
		64-65.5: F = 40°; F = 0-10°. The F like a "Z" with the													
		2 1 1													

LOGGED BY _____ D.D.H. Nº 76-U-158 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		marked by ribbon like crenulation of Chlorite-sericite with													
		trace calcite. F_2 = 40° marked by thin chlorite laminae.													
		68.6-70.2: Mineralized interval characterized by wide 15 2	1.5	4688	68.6	70.2	1.6	0.75	0.58	10.97					
		Po and Mgtt. band.													
		70.2: Contact with Bleached Sericite (Sb) = 80°.													
70.2	74.3	BLEACHED SERICITE-CHLORITE PHYLLITE (Sbc). Broken, blocky	3.0		70.2	74.3	3.1								
		core. Buff with green (chlorite) laminae. F_2 = 75-80°;													
		F_1 = 0-5° "S" shaped crenulation between F_2.													
		Blebs/clusters of Po with Py = 1%. PbZn: Trace.													
	74.3	END OF HOLE.													
		NOTE: This hole was stopeed because the driller was report-													
		ing squeezing ground. This was also reported in the													
		presence of the might D.D. Shifter who agreed that													
		the ground condition was bad.													
		Logging, however, show no bad ground, nor sight of it													
		in the cores.													

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 12 JUN 1985 1:14 PM



DDH: FAGU158 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

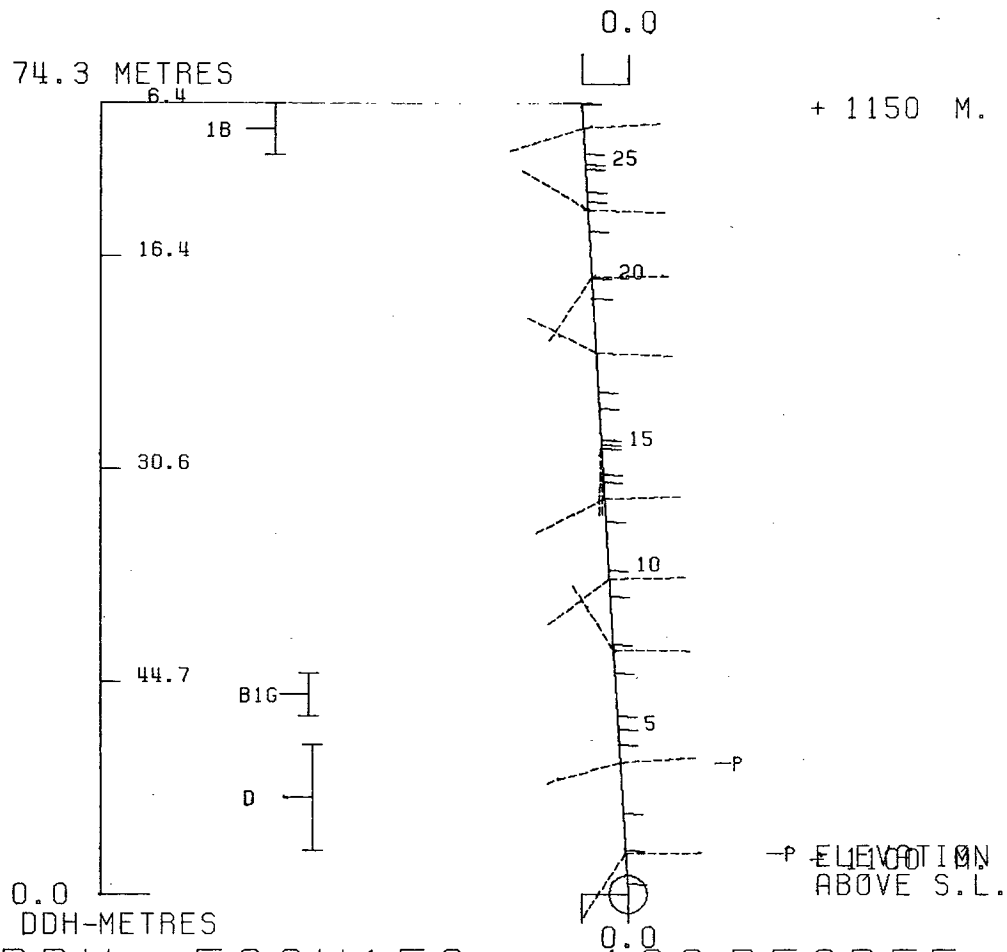
ELEV: 1098 592099E ; 905132N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 211.8 Z = 1097.7

SECTION NAME: 01N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 12 JUN 1985 1:26 PM



DDH: FAGU158 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1098 592099E ; 905132N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 211.8 Z = 1097.7

SECTION NAME: 01N

DRILL HOLE : FAGU160
NORTHING : 905,131.3
EASTING : 592,098.6
ELEVATION : 1,095.3
TOTAL DEPTH : 73.2
SECTION : W 82
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	35
NOS DOWN-H-SURVEYS:	1
NOS DOWN-H-LITHOLOGY:	22
NOS DOWN-H-STRUCTURE:	16
NOS DOWN-H-FAULTS:	7
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU160 UTM-N: 905,131.3 UTM-E: 592,098.6 UTM-ELEV: 1,095.3 TOTAL DEPTH: 73.2 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
1.4	3.3	14153	1.9	.5	4D5	3.31	.10	3.27	3.37	41.00		.89		11	11						
3.3	5.2	14154	1.9	1.2	4D5	3.16	.05	2.95	2.27	33.00		1.10		6	7						
5.2	7.1	14155	1.9	1.7	4D5	3.00	.02	2.54	5.09	33.00		1.30		1	2						
7.1	9.1	14156	2.0	1.6	4A0	3.10	.02	1.13	2.19	22.00		.40		8	8						
9.1	11.1	14157	2.0	1.9	4A4	3.47	.05	2.02	4.23	38.00		1.03		15	16						
11.1	12.8	14158	1.7	1.7	4A4	3.58	.10	4.73	8.80	75.00		1.30	1	13	15						
12.8	14.5	14159	1.7	1.6	4A4	3.47	.10	3.41	5.40	52.00		1.37		14	14						
14.5	16.2	14160	1.7	1.7	4A4	3.95	.17	5.70	9.80	87.00		1.43	1	17	19						
16.2	17.7	14161	1.5	1.3	4A4	3.85	.17	4.42	6.50	70.00		1.91	1	18	19						
17.7	18.6	14162	.9	.9	4EA4	4.50	.05	11.00	17.00	190.00		1.51	2	19	21						
18.6	19.5	14163	.9	.9	4D0	3.47	.14	1.70	4.19	30.99		1.03	2	14	17						
22.9	24.9	14164	2.0	2.0	4A4	3.37	.11	1.76	3.99	34.00		.95		12	13						
24.9	26.9	14165	2.0	1.9	4A4	3.45	.14	3.64	6.79	66.00		.81	1	12	13						
26.9	28.9	14166	2.0	2.0	4A4	3.24	.11	2.39	4.61	41.00		.95	1	9	10						
28.9	30.9	14167	2.0	1.8	4A4	3.47	.13	3.68	5.70	70.00		.89		13	14						
30.9	31.8	14168	.9	.9	4A4	3.58	.19	4.19	7.99	76.00		1.10	1	13	14						
31.8	33.6	14169	1.8	1.6	4A4	3.20	.02	2.44	5.59	34.00		.68		7	8						
35.8	37.3	14170	1.5	1.5	4E4	4.37	.14	4.88	8.50	92.00		.75	1	24	26						
38.4	39.5	14171	1.1	1.1	4E4	4.33	.17	4.92	7.20	82.00		1.23	2	25	28						
39.5	41.0	14172	1.5	1.5	4E4	4.34	.13	5.13	9.09	96.00		2.47	1	25	27						
41.0	42.7	14173	1.7	1.5	4E46	4.50	.23	6.70	11.80	109.00		1.64	1	20	21						
42.7	44.5	14174	1.8	1.8	4E46	4.83	.17	10.00	17.10	174.00		1.03	1	19	21						
45.5	46.9	14175	1.4	1.4	4E0	4.21	.11	2.04	2.79	50.00		1.51	1	27	28						
46.9	48.3	14176	1.4	1.3	4A0	3.58	.08	1.64	2.79	35.00		1.30	1	15	16						
48.3	49.7	14177	1.4	1.2	4A0	3.27	.05	.99	1.90	26.00		.27	1	7	8						
49.7	51.7	14178	2.0	2.0	4G4	4.92	.22	6.99	11.19	116.99		1.51		18	19						
51.7	53.7	14179	2.0	1.9	4G4	4.95	.16	5.59	10.40	121.99		1.78		19	19						
53.7	55.7	14180	2.0	2.0	4G4	4.94	.10	5.79	10.50	102.00		1.51		14	15						
55.7	57.7	14181	2.0	2.0	4G4	5.13	.10	5.50	9.40	89.00		1.10		17	17						
57.7	59.7	14182	2.0	2.0	4G4	5.00	.07	5.50	10.59	90.00		.95		16	16						
59.7	61.7	14183	2.0	1.7	4G4	5.11	.10	6.00	10.19	105.00		1.23		18	18						
61.7	63.1	14184	1.4	1.4	4G4	4.95	.24	6.20	10.59	132.00		2.12		22	23						
63.1	64.8	14185	1.7	1.7	4G4	4.78	.19	7.20	8.80	99.00		1.51		22	23						
65.3	65.6	14186	.3	.3	4G4		.08	5.50	7.59	110.00											
67.1	69.2	14187	2.1	1.9	4A4		.04	5.90	4.76	62.99											
WEIGHTED AVERAGE																					
1.4	19.5		18.1	15.0		3.47	.08	3.56	5.68	54.75		1.17	1	12	13						
22.9	33.6		10.7	10.2		3.37	.11	2.91	5.55	51.55		.88	1	11	12						
35.8	37.3		1.5	1.5		4.37	.14	4.88	8.50	92.00		.75	1	24	26						
38.4	44.5		6.1	5.9		4.53	.18	6.96	11.87	120.11		1.59	1	22	24						
45.5	64.8		19.3	18.6		4.69	.13	5.09	8.54	91.11		1.34		18	18						
65.3	65.6		.3	.3			.08	5.50	7.59	110.00											
67.1	69.2		2.1	1.9			.04	5.90	4.76	62.99											

DDH: FAGU160 UTM-N: 905,131.3 UTM-E: 592,098.6 UTM-ELEV: 1,095.3 TOTAL DEPTH: 73.2 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.

DDH: FAGU160 UTM-N: 905,131.3 UTM-E: 592,098.6 UTM-ELEV: 1,095.3 TOTAL DEPTH: 73.2 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	105.000	224.000

DDH: FAGU160 UTM-N: 905,131.3 UTM-E: 592,098.6 UTM-ELEV: 1,095.3 TOTAL DEPTH: 73.2 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.4	0001	#		0.5-	1
7.1	0002	4D5		0.5-	1
11.1	0003	4A0	&4	0.5-	1
17.7	0004	4A4	&3	0.5-	1
18.6	0005	4E4	(4A0) 95:05	0.5-	1
19.5	0006	4D0	&* &7 (5C4*) 90:10	0.5-	1
22.9	0007	5C4*	(4D3) 90:10	0.5-	1
33.6	0008	4A4		0.5-	1
35.8	0009	5A*		0.5-	1
37.3	0010	4E4	(4E4#)	0.5-	1
38.4	0011	5A$	[5B62$]	0.5-	1
41.0	0012	4E4	(4A4)(4E0) 50:05:45	0.5-	1
44.5	0013	4E46	(4E0)(4G4)(4A4) 60:10:20:10	0.5-	1
45.5	0014	5C4*		0.5-	1
46.9	0015	4E0	&5 &1 &$	0.5-	1
49.7	0016	4A0	&3	0.5-	1
64.8	0017	4G4	&#	0.5-	1
65.3	0018	5C*		0.5-	1
65.6	0019	4G4		0.5-	1
67.1	0020	5C*	(5D*)	0.5-	1
69.2	0021	4A4	&3 &* ->5A19	0.5-	1
73.2	0022	5A6	&$	0.5-	1

DDH: FAGU16O UTM-N: 905,131.3 UTM-E: 592,098.6 UTM-ELEV: 1,095.3 TOTAL DEPTH: 73.2 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU16O	0.0	5.8	CS2		0	0	0	0	57	230	0	1	1	1
FAGU16O	0.0	11.8	CS2		0	0	0	0	50	230	0	1	1	1
FAGU16O	0.0	18.2	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU16O	0.0	23.2	CS2		0	0	0	0	55	230	0	1	1	1
FAGU16O	0.0	29.6	CS2		0	0	0	0	62	230	0	1	1	1
FAGU16O	0.0	33.0	CS2		0	0	0	0	23	230	0	1	1	1
FAGU16O	0.0	37.5	CS2		0	0	0	0	15	230	0	1	1	1
FAGU16O	0.0	43.3	PS1	P	0	0	0	0	14	230	0	1	1	1
FAGU16O	0.0	47.2	CS2		0	0	0	0	10	230	0	1	1	1
FAGU16O	0.0	51.0	PS1	P	0	0	0	0	10	230	0	1	1	1
FAGU16O	0.0	53.8	PS1	P	0	0	0	0	40	230	0	1	1	1
FAGU16O	0.0	58.4	PS1	P	0	0	0	0	0	230	0	1	1	1
FAGU16O	0.0	60.6	PS1	P	0	0	0	0	45	230	0	1	1	1
FAGU16O	0.0	64.7	PS1	P	0	0	0	0	20	230	0	1	1	1
FAGU16O	0.0	66.0	CS2		0	0	0	0	0	230	0	1	1	1
FAGU16O	0.0	71.1	CS2		0	0	0	0	29	230	0	1	1	1

DDH: FAGU160 UTM-N: 905,131.3 UTM-E: 592,098.6 UTM-ELEV: 1,095.3 TOTAL DEPTH: 73.2 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU160	0.0	4.5	1R		0	0	0	0	0	0	1
FAGU160	11.1	17.7	1D		0	0	0	0	0	0	1
FAGU160	22.9	27.0	D		0	0	0	0	0	0	1
FAGU160	27.0	33.6	DX		0	0	0	0	0	0	1
FAGU160	33.6	34.5	G		0	0	0	0	0	0	1
FAGU160	35.8	36.2	D		0	0	0	0	0	0	1
FAGU160	46.9	49.7	D		0	0	0	0	0	0	1

DDH: FAGU160 UTM-N: 905,131.3 UTM-E: 592,098.6 UTM-ELEV: 1,095.3 TOTAL DEPTH: 73.2 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU160	1	1

'82W-

CYPRUS ANVIL MINING CORPORATION Page 1 of 7

DIAMOND DRILL CORE LOG Date: _____

Hole Number: FAGU 160

Reference Fabric Orientation Diagram:

Project: GRum

Location: 82 W.

Claim: _____

~~Terr.~~ UTM Plane Co-ords.: 905131.3093 N

transformation of K-A grid location 592098.6122 E

Grid Co-ords: _____

_____

All symmetry determinations looking

K-A elev -10.61m Elevation: 1095.3

NW with SW dipping

Total Depth: 73.2 m

SW with dip azimuth ~~225°~~ was 225°. now 230

Purpose: _____

Reason hole Terminated: _____

Logged by: GAJ Date(s) Logged: AUG 87

Drilling Contractor: _____

Size	CORE From	To

Collar Cased and Capped: _____

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

DDH FAGU160 (2–8)

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole (2–8)	Elevation (10–16)	Northing (17–24)	Easting (25–32)	Units (feet/metres) (34–39)	R.F.E. (41–42)
T	FAGU160	10954.3	10513113.3	5921098.6	METERS	SZ

Code	Drillhole (2–8)	Depth (10–14)	Zenith Angle (22–26)	True Azimuth (28–32)	Comments (34–56)
R	FAGU160	1000	105.0	214.0	AT COLLAR

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

DDH FAGU160 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: GAJ

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	0	14		1		no recvy
L	14	71		2	4D5	not great exhalative looking sulfides -
						could be altered wallrock since is
						weakly & diffusely banded - dark
						med. grey phyllitic partings mainly intact minor rubble at 4.5
L	71	111		3	4A0	normal looking ribbon banded - no problem
						as exhalites - intact
L	111	177		4	4A4	±3 many very sphal rich layers show ductile flow bxa.
L	177	186		5	4E4	(4A0) 95:5 intact
L	186	195		6	4D0 ±* ±7	(5C4*) 90:10 massive 4D - not sure
						couldn't be a metam vein intact
L	195	229		7	5C4*	(4D3) 90:10 intact very carbonated
						chlorite and "fuchite"
L	229	336		8	4A4	good exhalites but much ductile
						flow bxa. with fault bxa
						superimposed below 27 m.
						lower contact broken - looks to
						be a fault. - unit mainly intact
L	336	358		9	5A*	33.6 - 34.5 - black gouge,
						remainder of unit is intact though
						mod. broken. graph rich phyllite
						with qtz dolo beds. minor
						py bearing layers but not enough for 5A19
L	358	373		10	4E0	(4E4*calc) top .4 m is 4E1 ductile flow bxa
						bottom .5 m is 4E4*[4J*] mainly intact
L	373	384		11	5A*	[5BG2*] borderline unit but most
						like 5A. - good dolo qtz siltstn
						beds. - dark grey overall.
L	384	410		12	4E4	(4A4)(4E0) 50:5:45 intact
L	410	445		13	4E4.6	(4E0)(4G4)(4A4) 60:10:20:10 intact
L	445	455		14	5C4*	intact
L	455	469		15	4E4	±5 ±1 ±* dolo intact
L	469	497		16	4A0	±3 ductile flow bxn in bands of 3
L	497	648		17	4G4 ±* calc	remarkably homogenous banded BaSO4
						rich massive sulfide/sulfate unit
						negligible mt. - intact

near base resembles like 4A

±3 = py layers near end

DDH FAGU160 (2–8) Cyprus Anvil Mining Corp. Page 4 of 7

Lithologic Log Date: _____ Logged By: GJ

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	648	653		18	SC*	intact
L	653	656		19	464	as unit 17 "
L	656	671		20	SC*	(SD*) margin (intact)
L	671	692		21	4A0	±3 ±* grading down to SA19. top .3m is 464 which grades down to 4A30 and by .65m to 4A0 intact
L	692	732		22	SA6	±* dolo (minor) " dk grey carbonaceous phyllite with light grey laminar gte siltstone beds – some with dolo. 732 = EOH

C.A.M.C. 1981 – E-3

DDH FAGU160 (2 — 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: 14 Aug Logged By: DSJ/GAS

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 — 14	16 — 20	22 — 24	26	28 — 32	34 — 38	40 — 44	
S		58	CSZ				57 ZRS	
S		118	CSZ				50	
S		182	INPP				70	could be RS1
S		232	CSZ				55	
S		296	CSZ				62	
S		330	CSZ				23	bounded on top by BX zone
S								& below by major gouge.
S		375	CSZ				15	
S		433	RS1				14	? could be PSZ
S		472	CSZ				10	
S		510	RS1				10	
S		538	RS1				40	
S		584	RS1				00	
S		606	RS1				45	
S		647	RS1				20	
S		660	CSZ				00	
S		711	CSZ				29	

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

DDH FAGU160 (2–8) Cyprus Anvil Mining Corp

Logged by

ASSAY LOG (SAMPLER'S COPY) Date Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10–14	16–20	22–26	28–30	32–34	36–40	42
P	1	3	14153	19	05	4DS	
P	3	5	14154	19	12	4DS	
P	5	7	14155	19	17	4DS	
P	7	9	14156	20	16	4A0	
P	9	11	14157	20	19	4A0	
P	11	12	14158	17	17	4AH	±3
P	12	14	14159	17	16	4AH	±3
P	14	16	14160	17	17	4AH	±3
P	16	17	14161	15	13	4AH	±3
P	17	18	14162	11	09	4E4	(4A0) 75:5
P	18	19	14163	11	09	4D0	(SD4*) 90:10
P	22	24	14164	20	20	4A4	
P	24	26	14165	20	19	4A4	
P	26	28	14166	20	20	4A4	
P	28	30	14167	20	18	4A4	
P	30	31	14168	19	09	4A4	
P	31	33	14169	16	16	4AH	
P	35	37	14170	15	15	4E0	(4E4* calc)
P	38	39	14171	11	11	4E4	(4A4)(4E0) 50:5:45
P	39	41	14172	15	15	4E4	(4A4)(4E0) "
P	41	42	14173	17	15	4E4G	(4E0)(4G4)(4A4) 60:10:20:10
P	42	44	14174	18	18	4E4G	(4E0)(4G4)(4A4) "
P	45	46	14175	14	14	4E4	±5 ±1
P	46	48	14176	14	13	4A0	±3
P	48	49	14177	14	12	4A0	±3
P	49	51	14178	20	20	4G4	
P	51	53	14179	20	19	4G4	
P	53	55	14180	20	20	4G4	
P	55	57	14181	20	20	4GH	
P	57	59	14182	20	20	4G4	
P	59	61	14183	17	17	4GH	
P	61	63	14184	17	17	4GH	

check lithologies

DDH FAGU160 (2 … 8) Cyprus Anvil Mining Corp

Logged by GAJ

ASSAY LOG (SAMPLER'S COPY) Date _____ Sampled by _____

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 … 14	16 … 20	22 … 26	28 … 30	32 … 34	36 … 40	42
P	1631	1648	141815	17	17	4G4	
P	6533	6566	141816	03	03	4G4	
P	6711	6922	141817	21	19	4AQ	±3 ÷ *

DDH FAGU160 (2 — 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 — 14	16 — 20	22 — 24	26	28 — 32	34 — 38	40 — 44	
		45	LR					
	111	177	LD					
	229	270	D					
	270	336	DX					
	336	345	G					
	358	362	D					
	469	497	D					

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D.D.H. Nº 76-U-160 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,930.319mN 3N STARTED AUGUST 27, 1976

DEPARTURE 7,409.153 82W COMPLETED AUGUST 28, 1976

ELEVATION 1.105.88 PROPOSED DEPTH

ULTIMATE DEPTH 240' - 73.2m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224°	-15°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 83.2%

Interval From	Interval To	DESCRIPTION		Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	33.5	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent.	25 8	1.2	4689	0	4.6	4.6	2.43	2.55	28.46			11.18	11.73	130.92
		Foliation F_2 = 55-60°; F_1 = 0-10°. Wider band of	25 10	1.8	4690	4.6	7.0	2.4	2.73	4.75	32.23			6.55	11.40	77.35
		sulfides show compositional banding Py/Sph-Gal =	20 5	2.0	4691	7.0	10.0	3.0	1.13	2.45	18.17			3.39	7.35	54.51
		parallel to F_2.	40 6	2.0	4692	10.0	12.2	2.2	3.30	6.18	52.46			7.26	13.60	115.41
		19.6-22.9: Bleached sericite-chlorite phyllite (Sbc).	25 8	1.5	4693	12.2	13.7	1.5	4.95	6.78	66.51			7.43	10.17	99.77
		Competent. Green stripes and spots of chlorite	30 10	1.5	4694	13.7	15.2	1.5	5.20	7.98	75.77			7.80	11.97	113.66
		together with blue-green fuchsites in white groundmass.	30 10	1.6	4695	15.2	16.8	1.6	5.48	8.74	75.77			8.77	13.98	121.23
		F_2 = 35-40°; with series of ellipsoidal F_1 fold nose	40 12	1.5	4696	16.8	18.3	1.5	7.18	8.73	119.0			10.77	13.10	178.46
		closures.	35 8	1.2	4697	18.3	19.6	1.3	7.42	13.21	110.1			9.65	17.17	143.08
		33.5: Abrupt change to Graphitic phyllite (G).	5 Tr.	3.0		19.6	22.9	3.3								
		Contact broken core.	25 8	1.5	4698	22.9	24.4	1.5	2.00	4.45	34.29			2.00	6.68	51.44
33.5	36.0	GRAPHITIC PHYLLITE (G). Broken flakey core.	30 9	1.5	4699	24.4	25.9	1.5	2.13	4.30	38.40			3.20	6.45	57.6
		F_2 = 60°; F_1 = 0-5°.	25 8	1.5	4700	25.9	27.4	1.5	4.88	7.59	75.77			7.32	11.39	113.66
		33.6-33.9: FAULT. Dark sticky thick gouge.	25 8	1.5	4798	27.4	29.0	1.6	2.30	4.45	37.37			3.68	7.12	59.79
			30 8	1.5	4799	29.0	30.5	1.5	4.08	6.08	67.54			6.12	9.12	101.31
		36.0: Abrupt change to Massive sulfide. Contact	30 8	1.5	4800	30.5	32.0	1.5	5.00	8.25	75.77			7.50	12.38	113.66
		marked by 20cm. long sulfide Bx cemented by graphite.	25 5	1.0	4801	32.0	33.5	1.5	2.28	4.88	40.46			3.42	7.32	60.69

LOGGED BY _____ D.D.H. NO 76-U-160 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
36.0	37.1	MASSIVE SULFIDE (M) WITH SHORT INTERVAL OF SULFIDE BX (MXq)	1.3		33.5	36.0	2.5								
		from 36-36.2. Rest of run almost structureless except 60 3	1.0	4802	36.0	37.1	1.1	5.34	7.08	84.69					
		for some faint compositional banding = 40°.		W.Av.	0	10.0	10.0	2.11	3.05	26.3			21.12	30.48	262.78
				W.Av.	4.0	7.0	3.0	2.67	4.31	31.5			8.01	12.93	94.43
		37.1: Sharp change to Graphitic Phyllite (G) = 40°.													
37.1	38.4	GRAPHITIC PHYLLITE (G). Broken flakey core. F_2 = 15-30°;	0.9		37.1	38.4	1.3	Trace, est.							
		F_1 = 90° - could have been shifted by faulting. Calcite as		W.Av.	10.0	19.5	9.5	5.38	8.33	80.38			57.68	79.99	771.61
		short discontinuous stringers in random orientation. Thin		W.Av.	12.2	19.6	7.4	6.00	8.97	88.7			44.42	66.39	656.20
				W.Av.	13.7	19.6	5.9	6.27	9.53	94.3			36.99	56.22	556.43
		sulfide laminae Py: 1%; PbZn: Trace.		W.Av.	22.9	33.5	10.6	3.23	5.70	52.66			34.24	60.46	558.15
				W.Av.	22.9	25.9	3.0	2.07	4.38	36.35			6.2	13.13	109.04
		38.4: Abrupt change to Massive sulfide. Contact wavy with		W.Av.	29.0	32.0	3.0	4.54	7.17	71.66			13.62	21.50	214.97
		average plane = 75°.		W.Av.	25.9	32.0	6.1	4.04	6.56	63.7			24.62	40.01	388.42
				W.Av.	25.9	29.0	3.1	3.55	5.97	56.0			11.00	18.51	173.45
38.4	44.4	MASSIVE SULFIDE - banded and with barite ground mass variety													
		(MB+Mb). Competent. Compositional banding = 30°. 70 5	1.6	4803	38.4	40.2	1.8	3.30	3.95	49.03			5.94	7.11	88.25
		60 15	2.5	4804	40.2	42.7	2.5	8.76	14.98	145.0			21.9	37.45	362.58
		41.1-42.5; 43-44: Barite in groundmass. 60 12	1.7	4805	42.7	44.4	1.7	9.16	16.02	156.3			15.57	27.23	265.78
		44.4: Abrupt change to Bleached Phyllite (Sb).													
		Contact = 15°.		W.Av.	40.2	44.4	4.2	8.92	15.4	149.6			37.47	64.68	628.36
44.4	45.3	BLEACHED PHYLLITE (Sb); half of the core is with mariposite	0.9		44.4	45.3	0.9								
		and half with chlorite (lengthwise). Division marked by		W.Av.	38.4	44.4	6.0	7.24	11.97	119.4			43.41	71.79	716.61
		quartz = 5°. Series of F_2 fold noses													
		NOTE: Drill must be penetrating sub-parallel or tangential													
		F_2.													

LOGGED BY _____ D.D.H. NO 76-U-160 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		45.3: Sharp contact with massive sulfide unit (M) = 35°.													
45.3	68.6	MASSIVE SULFIDE BANDED (MB) AND BARITE IN GROUNDMASS 40 5	1.9	4806	45.3	47.2	1.9	3.00	2.85	55.54			5.70	5.42	105.53
		VARIETY (Mb). Also interval with graphite laminae 40 6	2.6	4807	47.2	49.8	2.6	1.60	2.55	30.17			4.16	6.63	78.44
		(Mg). Competent. 65 10	2.0	4808	49.8	51.8	2.0	7.26	12.00	120.0			14.52	24.00	240.00
		45.3-45.7: Compositional band = 40°. 65 10	2.8	4809	51.8	54.9	3.1	5.45	10.35	100.8			16.90	32.09	312.48
		45.7-48.9: Foliation marked by graphitic consti- 60 15	3.0	4810	54.9	57.9	3.0	5.65	10.09	94.63			16.95	30.27	283.89
		tuent parall to core axis with series of 60 15	1.5	4811	57.9	59.4	1.5	5.80	9.85	80.57			8.70	14.78	120.86
		ellipsoidal fold nose closures. 65 15	1.6	4812	59.4	61.0	1.6	5.75	9.38	101.8			9.20	15.01	162.93
		50.3-59.4: Compositional bands Sulfides/barite sub- 65 15	1.5	4813	61.0	62.5	1.5	7.00	10.25	129.9			10.50	15.38	194.91
		parallel to core axis with gradual change. 65 12	2.4	4814	62.5	65.0	2.5	6.60	9.70	115.9			16.50	24.25	289.73
		NOTE: Long sample intervals - drill appear to be 1	0.3		65.0	65.3	0.3								
		penetrating same stratigraphic horizon. 60 4	0.4		65.3	65.7	0.4								
		57.9-59.4: Banding disposition changes. Transitional 1 NIL	1.4		65.7	67.1	1.4								
		zone. Sulfides like dissemination in 25 5	1.5	4815	67.1	68.6	1.5	3.88	6.23	69.60					
		barite groundmass.		W.Av.	38.4	44.4	6.0	7.24	11.97	119.4			43.41	71.79	716.61
		59.4-64.0: Compositional band = 20-40°.		W.Av.	45.3	49.8	4.5	2.19	2.68	40.88			9.86	12.05	183.97
		65-65.3: Chlorite-quartz interval. Contact abrupt and		W.Av.	49.8	65.0	15.8	6.14	10.25	105.6			93.27	155.78	1604.80
		clean = 40°. F_2 = 45-50°; F_1 = 0°.		W.Av.	38.4	65.0	26.6	5.51	9.00	94.0					
		Series of small F_1 fold noses.													
		65.7-67.0: Chlorite-quartz phyllite (C). Same general													
		characteristic as preceeding run. F = 50°;													

LOGGED BY _____ D.D.H. NO. 76-U-160 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		67.1-68.6: Transition zone. Rx becoming graphitic phyllite. This run is mineralized graphitic phyllite (PG). F_2 = 35°. Changing to Graphitic Phyllite (G).													
68.6	73.2	GRAPHITIC PHYLLITE (G). Fissile, breaking easily into poker chips. F_2 = 35-40° with F_1 = 10-20° @ 70.2m., (F_1 opposite dip direction F_2). Foliation changing to F_2 = 15-20°; F_1 perpendicular to F_2 @ 73.1m.	2.8		68.6	73.2	4.6								
	73.2	END OF HOLE.													

DDH: FAGU160 -- 132 DEGREE PROFILE

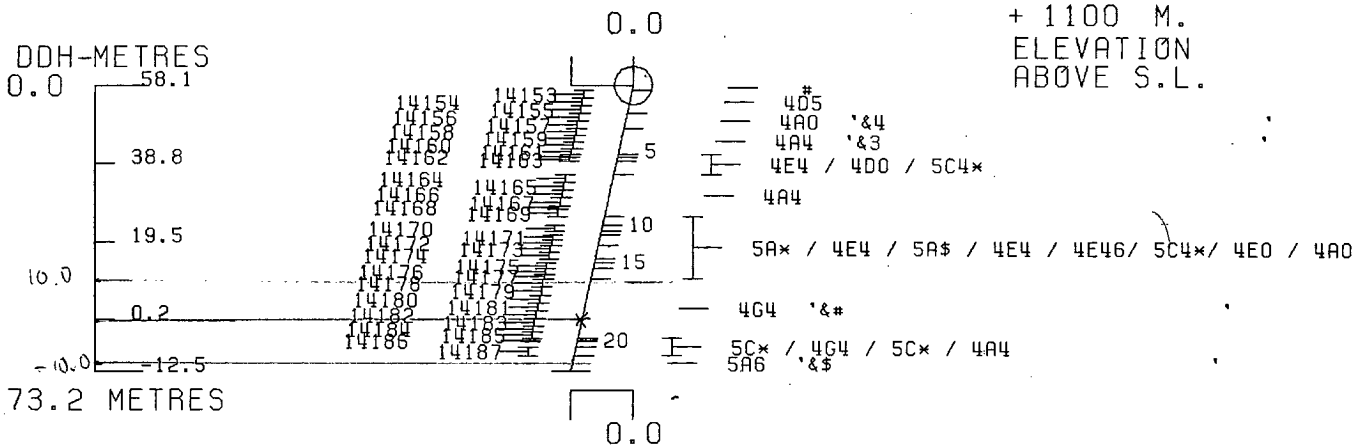
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1095 592099E ; 905131N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 211.9 Z = 1095.3

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH162 4 JUL 1985 1:37 PM

DDH: FAGU160 -- 132 DEGREE PROFILE

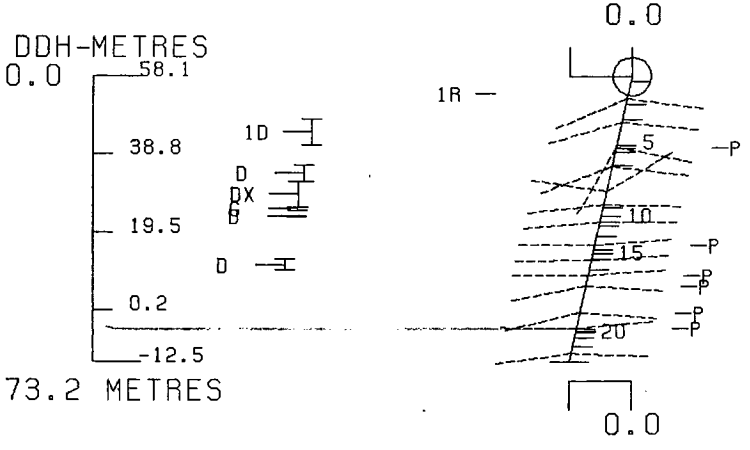
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1095 592099E ; 905131N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 211.9 Z = 1095.3

SECTION NAME: 01N



+ 1100 M.
ELEVATION
ABOVE S.L.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 4 JUL 1985 1:32 PM

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
																1.59		.66
FAGU161	9546	2.7	4.7	2.0	65	4A3		.07	.54	1.05	12.0					1.02		.81
	9547	4.7	6.6	1.9	53	4A3		.15	.19	.83	10.0					.71		.83
	9548	6.6	8.5	1.9	100	4A3		.16	.12	.59	8.0					1.20	17.45	.71
	9549	8.5	10.4	1.9	100	4A3	3.05	.10	.35	.85	10.0	.55	2.05	15.40		3.55	20.16	.70
	9550	10.4	12.3	1.9	100	4A3	3.31	.14	1.05	2.50	16.0	.96	1.76	18.40		4.68	20.02	.56
	9551	12.3	13.7	1.4	100	4A34	3.37	.13	2.08	2.60	41.0	1.10	1.52	18.50		3.39	30.12	.55
	9552	13.7	14.7	1.0	100	4E15	3.87	.26	1.53	1.86	30.0	2.19	1.42	28.70		9.10	17.36	.45
	9553	14.7	15.7	1.0	100	4D45	3.47	.06	5.00	4.10	76.0	1.44	1.96	15.40		14.00	17.85	.59
	9554	15.7	17.2	1.5	100	4D45	3.70	.08	5.70	8.30	80.0	1.37	2.35	15.50		6.60	20.93	.53
	9555	17.2	19.0	1.8	100	4A34	3.60	.11	3.10	3.50	47.0	1.17	1.53	19.40		3.81	23.21	.29
	9556	19.0	20.1	1.1	100	4A13	3.62	.23	2.70	1.11	47.0	1.37	1.81	21.40		7.60	15.23	.49
	9557	20.1	21.8	1.7	100	4A4	3.39	.16	3.90	3.70	63.0	1.44	1.53	13.70		18.00	11.20	.64
	9558	21.8	23.5	1.7	94	4A4	3.34	.10	6.40	11.60	106.0	1.71	2.10	9.10		23.50	16.09	.69
	9559	23.5	23.9	.4	100	4D4	3.92	.14	7.30	16.20	113.0	2.81	1.39	14.70		18.00	30.39	.64
	9560	23.9	25.2	1.3	100	4E#4	4.81	.19	6.40	11.60	114.0	1.85	1.19	29.20		16.60	30.51	.63
	9561	25.2	26.6	1.4	100	4E#4	4.80	.06	6.20	10.40	124.0	1.17	.91	29.60		16.90	12.06	.57
	9562	26.6	28.8	2.2	100	4A41	3.69	.10	7.20	9.70	123.0	1.37	1.86	10.20		13.50	15.41	.60
	9563	28.8	31.0	2.2	100	4A41	3.68	.07	5.40	8.10	87.0	1.58	1.81	13.60		16.30	13.30	.60
	9564	31.0	33.2	2.2	100	4D4	3.72	.06	6.50	9.80	104.0	1.58	2.40	10.90		5.30	33.04	.45
	9565	33.2	33.6	.4	100	4E18	4.47	.06	2.90	2.40	44.0	1.51	3.64	29.40		6.00	21.53	.60
	9566	33.6	35.2	1.6	94	4D0	4.06	.08	2.40	3.60	37.0	1.10	2.13	19.40		6.20	14.98	.55
	9567	35.2	37.2	2.0	100	4A314	3.52	.09	2.80	3.40	43.0	1.23	1.48	13.50		9.30	17.98	.62
	9568	37.2	39.2	2.0	100	4A314	3.41	.09	3.50	5.80	49.0	1.44	1.68	16.30		6.30	14.59	.59
	9569	39.2	41.2	2.0	100	4A314	3.56	.10	2.60	3.70	29.0	1.10	1.29	13.30		5.45	27.09	.62
	9570	41.2	43.0	1.8	100	4E145	4.01	.19	2.05	3.40	30.0	1.03	1.39	25.70		.97	28.48	.90
	9571	43.0	45.2	2.2	95	4CE	3.94	.33	.10	.87	10.0	.75	2.08	26.40		.50	22.01	.72
	9572	45.2	47.1	1.9	100	4A13	3.36	.25	.14	.36	15.0	.96	1.91	20.10		1.22	25.37	.79
	9573	47.1	48.5	1.4	100	4CE	3.90	.32	.26	.96	16.0	1.03	1.77	23.60		1.58	26.33	.68
	9574	48.5	49.9	1.4	100	4CE	3.94	.28	.50	1.08	17.0	1.23	2.63	23.70		9.10	20.47	.43
	9575	49.9	51.6	1.7	94	4DE4	3.85	.15	5.20	3.90	86.0	2.40	1.67	18.80		8.70	19.94	.52
	9576	51.6	53.3	1.7	82	4DE4	3.75	.15	4.20	4.50	64.0	1.71	2.04	17.90		5.31	6.12	.68
	9577	54.3	55.1	.8	100	4L4	3.21	.05	1.71	3.60	24.0	.34	2.82	3.30		14.70	13.70	.54
	9578	55.1	56.1	1.0	70	4E14	3.68	.07	6.70	8.00	93.0	1.23	5.60	8.10				

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU161	9546	4A3	.20	.62	1.57				97.61	*							
	9547	4A3	.43	.22	1.24				98.11	*							
	9548	4A3	.46	.14	.88				98.52	*							
	9549	4A3	.29	.40	1.27	3.22	33.12		61.70	*	.23	.18	1.05	2.32	21.93		74.29
	9550	4A3	.40	1.21	3.73	2.77	39.57		52.32	*	.34	.56	3.24	2.09	27.55		66.22
	9551	4A34	.38	2.40	3.88	2.39	39.78		51.17	*	.31	1.13	3.40	1.83	27.96		65.38
	9552	4E15	.75	1.77	2.77	2.23	61.72		30.76	*	.71	.94	2.76	1.93	49.14		44.52
	9553	4D45	.17	5.77	6.11	3.08	33.12		51.74	*	.15	2.71	5.37	2.36	23.28		66.14
	9554	4D45	.23	6.58	12.37	3.70	33.33		43.78	*	.20	3.20	11.28	2.93	24.31		58.07
	9555	4A34	.32	3.58	5.22	2.41	41.72		46.76	*	.27	1.72	4.70	1.89	30.09		61.32
	9556	4A13	.66	3.12	1.65	2.85	46.02		45.70	*	.58	1.52	1.51	2.26	33.56		60.58
	9557	4A4	.46	4.50	5.52	2.41	29.46		57.65	*	.37	2.04	4.68	1.78	20.00		71.14
	9558	4A4	.29	7.39	17.29	3.30	19.57		52.15	*	.24	3.40	14.92	2.48	13.51		65.45
	9559	4D4	.40	8.43	24.15	2.19	31.61		33.22	*	.37	4.30	23.10	1.82	24.19		46.22
	9560	4E#4	.55	7.39	17.29	1.87	62.79		10.10	*	.59	4.46	19.58	1.84	56.88		16.64
	9561	4E#4	.17	7.16	15.50	1.43	63.65		12.08	*	.19	4.28	17.38	1.39	57.08		19.69
	9562	4A41	.29	8.32	14.46	2.93	21.94		52.07	*	.24	3.86	12.57	2.21	15.26		65.86
	9563	4A41	.20	6.24	12.08	2.85	29.25		49.39	*	.17	2.94	10.66	2.18	20.65		63.40
	9564	4D4	.17	7.51	14.61	3.77	23.44		50.49	*	.14	3.50	12.79	2.87	16.41		64.28
	9565	4E18	.17	3.35	3.58	5.72	63.22		23.95	*	.17	1.86	3.73	5.19	52.73		36.32
	9566	4DO	.23	2.77	5.37	3.35	41.72		46.56	*	.20	1.33	4.83	2.62	30.05		60.97
	9567	4A314	.26	3.23	5.07	2.33	29.03		60.08	*	.21	1.44	4.24	1.69	19.41		73.02
	9568	4A314	.26	4.04	8.65	2.64	35.05		49.36	*	.22	1.90	7.64	2.03	24.78		63.43
	9569	4A314	.29	3.00	5.52	2.03	28.60		60.56	*	.23	1.33	4.59	1.47	19.05		73.33
	9570	4E145	.55	2.37	5.07	2.19	55.27		34.56	*	.51	1.22	4.91	1.84	42.83		48.69
	9571	4CE	.95	.12	1.30	3.27	56.77		37.59	*	.86	.06	1.23	2.70	43.17		51.97
	9572	4A13	.72	.16	.54	3.00	43.23		52.35	*	.60	.08	.47	2.28	30.16		66.42
	9573	4CE	.92	.30	1.43	2.78	50.75		43.81	*	.81	.15	1.31	2.22	37.18		58.34
	9574	4CE	.81	.58	1.61	4.14	50.97		41.90	*	.71	.29	1.49	3.33	37.75		56.43
	9575	4DE4	.43	6.01	5.81	2.63	40.43		44.69	*	.38	2.94	5.33	2.09	29.66		59.60
	9576	4DE4	.43	4.85	6.71	3.21	38.49		46.31	*	.37	2.34	6.06	2.52	27.83		60.87
	9577	4L4	.14	1.97	5.37	4.44	7.10		80.98	*	.10	.79	4.01	2.88	4.24		87.98
	9578	4E14	.20	7.74	11.93	8.81	17.42		53.91	*	.17	3.55	10.26	6.59	11.99		67.45

DRILL HOLE : FAGU161
NORTHING : 904,787.2
EASTING : 592,442.6
ELEVATION : 1,166.8
TOTAL DEPTH : 59.4
SECTION : W 66
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 33
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 24
NOS DOWN-H-STRUCTURE: 4
NOS DOWN-H-FAULTS: 4
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU161 UTM-N: 904,787.2 UTM-E: 592,442.6 UTM-ELEV: 1,166.8 TOTAL DEPTH: 59.4 SECTION: W 66
RFE; S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
2.7	4.7	09546	2.0	1.3	4A3		.07	.54	1.05	12.00											
4.7	6.6	09547	1.9	1.0	4A3		.15	.19	.83	10.00											
6.6	8.5	09548	1.9	1.9	4A3		.16	.12	.59	8.00											
8.5	10.4	09549	1.9	1.9	4A3	3.05	.10	.35	.85	10.00		.55	2	15	17						
10.4	12.3	09550	1.9	1.9	4A3	3.31	.14	1.05	2.50	16.00		.96	1	18	20						
12.3	13.7	09551	1.4	1.4	4A34	3.37	.13	2.08	2.60	41.00		1.10	1	18	20						
13.7	14.7	09552	1.0	1.0	4E15	3.87	.26	1.53	1.86	30.00		2.19	1	28	30						
14.7	15.7	09553	1.0	1.0	4D45	3.47	.06	5.00	4.10	76.00		1.44	1	15	17						
15.7	17.2	09554	1.5	1.5	4D45	3.70	.08	5.70	8.30	80.00		1.37	2	15	17						
17.2	19.0	09555	1.8	1.8	4A34	3.60	.11	3.10	3.50	47.00		1.17	1	19	20						
19.0	20.1	09556	1.1	1.1	4A13	3.62	.23	2.70	1.11	47.00		1.37	1	21	23						
20.1	21.8	09557	1.7	1.7	4A4	3.39	.16	3.90	3.70	63.00		1.44	1	13	15						
21.8	23.5	09558	1.7	1.6	4A4	3.34	.10	6.40	11.60	106.00	109.00	1.71	2	9	11						
23.5	23.9	09559	.4	.4	4D4	3.92	.14	7.30	16.20	113.00		2.81	1	14	16						
23.9	25.2	09560	1.3	1.3	4E#4	4.81	.19	6.40	11.60	114.00		1.85	1	29	30						
25.2	26.6	09561	1.4	1.4	4E#4	4.80	.06	6.20	10.40	124.00		1.17		29	30						
26.6	28.8	09562	2.2	2.2	4A41	3.69	.10	7.20	9.70	123.00		1.37	1	10	12						
28.8	31.0	09563	2.2	2.2	4A41	3.68	.07	5.40	8.10	87.00		1.58	1	13	15						
31.0	33.2	09564	2.2	2.2	4D4	3.72	.06	6.50	9.80	104.00		1.58	2	10	13						
33.2	33.6	09565	.4	.4	4E18	4.47	.06	2.90	2.40	44.00		1.51	3	29	33						
33.6	35.2	09566	1.6	1.5	4DO	4.06	.08	2.40	3.60	37.00		1.10	2	19	21						
35.2	37.2	09567	2.0	2.0	4A314	3.52	.09	2.80	3.40	43.00		1.23	1	13	14						
37.2	39.2	09568	2.0	2.0	4A314	3.41	.09	3.50	5.80	49.00	46.00	1.44	1	16	17						
39.2	41.2	09569	2.0	2.0	4A314	3.56	.10	2.60	3.70	29.00		1.10	1	13	14						
41.2	43.0	09570	1.8	1.8	4E145	4.01	.19	2.05	3.40	30.00		1.03	1	25	27						
43.0	45.2	09571	2.2	2.1	4CE	3.94	.33	.10	.87	10.00		.75	2	26	28						
45.2	47.1	09572	1.9	1.9	4A13	3.36	.25	.14	.36	15.00		.96	1	20	22						
47.1	48.5	09573	1.4	1.4	4CE	3.90	.32	.26	.96	16.00		1.03	1	23	25						
48.5	49.9	09574	1.4	1.4	4CE	3.94	.28	.50	1.08	17.00		1.23	2	23	26						
49.9	51.6	09575	1.7	1.6	4DE4	3.85	.15	5.20	3.90	86.00		2.40	1	18	20						
51.6	53.3	09576	1.7	1.4	4DE4	3.75	.15	4.20	4.50	64.00		1.71	2	17	19						
54.3	55.1	09577	.8	.8	4L4	3.21	.05	1.71	3.60	24.00		.34	2	3	6						
55.1	56.1	09578	1.0	.7	4E14	3.68	.07	6.70	8.00	93.00		1.23	5	8	13						
WEIGHTED AVERAGE																					
2.7	53.3		50.6	48.3		3.27	.14	3.05	4.38	51.32	5.48	1.17	1	16	17						
54.3	56.1		1.8	1.5		3.47	.06	4.48	6.04	62.33		.83	4	5	10						

DDH: FAGU161 UTM-N: 904,787.2 UTM-E: 592,442.6 UTM-ELEV: 1,166.8 TOTAL DEPTH: 59.4 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	121.900	225.100

DDH: FAGU161 UTM-N: 904,787.2 UTM-E: 592,442.6 UTM-ELEV: 1,166.8 TOTAL DEPTH: 59.4 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.7	0001	4A3		0.5-	1
12.3	0002	4A3		0.5-	1
13.7	0003	4A34		0.5-	1
14.7	0004	4E15		0.5-	1
17.2	0005	4D54		0.5-	1
19.0	0006	4A34		0.5-	1
20.1	0007	4A13		0.5-	1
23.5	0008	4A4		0.5-	1
23.9	0009	4D4		0.5-	1
26.6	0010	4E#4		0.5-	1
31.0	0011	4A41		0.5-	1
33.2	0012	4D4		0.5-	1
33.6	0013	4E18		0.5-	1
35.2	0014	4D0		0.5-	1
41.2	0015	4A31		0.5-	1
43.0	0016	4E14	5	0.5-	1
45.2	0017	4C0	(4E0) 70:30	0.5-	1
47.1	0018	4A13		0.5-	1
49.9	0019	4C0	SERICITIC (4E1) 60:40	0.5-	1
53.3	0020	4D4	(4E14) [4D34]	0.5-	1
54.3	0021	5A0		0.5-	1
55.1	0022	4L4		0.5-	1
56.1	0023	4E14	87	0.5-	1
59.4	0024	5B6	(5A6)	0.5-	1

DOWN-HOLE STRUCTURE (DHC20)

DDH: FAGU161 UTM-N: 904,787.2 UTM-E: 592,442.6 UTM-ELEV: 1,166.8 TOTAL DEPTH: 59.4 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU161	0.0	39.9	PS2		0	0	0	0	55	230	C	1	1	1
FAGU161	0.0	53.4	PS2		0	0	0	0	20	230	C	1	1	1
FAGU161	0.0	54.5	PS2		0	0	0	0	20	230	C	1	1	1
FAGU161	0.1	59.4	PS2	P	0	0	0	0	0	0	C	1	1	1

DDH: FAGU161 UTM-N: 904,787.2 UTM-E: 592,442.6 UTM-ELEV: 1,166.8 TOTAL DEPTH: 59.4 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU161	15.7	16.4	DX?		0	0	0	0	0	0	1
FAGU161	19.0	20.1	D?		0	0	0	0	0	0	1
FAGU161	20.1	23.5	S		0	0	99	999	0	0	1
FAGU161	56.1	59.1	G		0	0	0	0	0	0	1

DOWN-HOLE SPLINES (DH020)

DDH: FAGU161 UTM-N: 904,787.2 UTM-E: 592,442.6 UTM-ELEV: 1,166.8 TOTAL DEPTH: 59.4 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU161	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U161

Project: Grum Relog

Location: Vangorda Plateau

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 6904787.~~787~~ .228 N

conversion JK-A surveyed grid co-ords

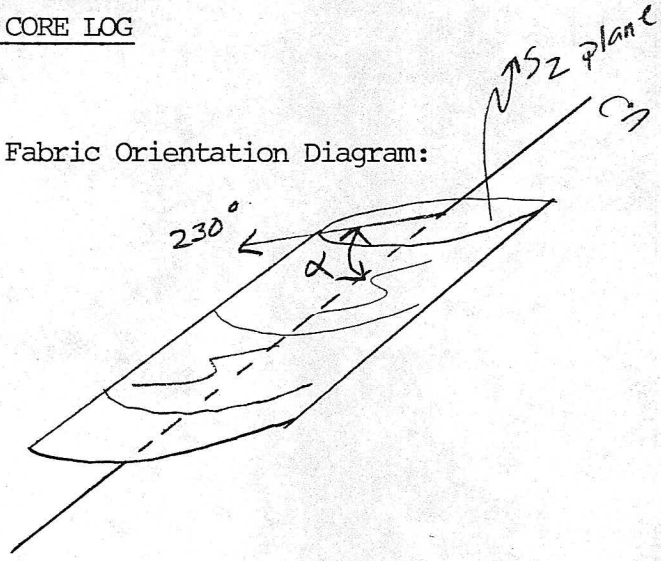
592442.~~8602~~ .5904 E

Grid Co-ords.: 66W/2N

Elevation: 1166.~~87~~ .767

Total Depth: 195ft 59.4 m

Fabric Orientation Diagram:



All symmetry determinations looking NW with S_2 dipping SW with dip azimuth 230.

Purpose:

Logged by: JSM

Date(s) Logged: Aug 21, 1980

Drilling Contractor:

Core:

Size	From	To
BQ	0	59.4

Collar Cased and Capped:

Started: August 28, 1976 Completed: August 29, 1976

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U-161
(2 — 8)

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 — 8	10 — 16	17 — 24	25 — 32	34 — 48
T	76-U-161	1161.8	9047871.2	592442.6	MEITRIES

225.1 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 — 8	10 — 14	22 — 26	28 — 32	34 — 56
R	76-U-161	0 0	121.9	223.5	ATCOLLAR
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

ORIGINALLY LOGGED 1980 (JSM)/ CHECKED & REWRITTEN HERE 1981

DDH 76-U161 (2 – 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page _____ of _____

Date: 18 Aug/81 ~~Logged~~ CHECKED By: GG/ ORIGINAL LOG JSM.

UNITS = METRES

Code	From	To	Recov.	No.	Unit	Description
1	10 – 14	16 – 20	22 – 24	26 – 28	30 – 34	35
L	00	27		001	*	NO RECOVERY
L	27	123		2	4A31	+ (4C0/4E1) + (3G12 - FINELY INTERBANDED)
L	123	137		3	4A34	C + PHYL PARTINGS
L	137	147		4	4E1	+ (4A13 + (3G12 - FINELY INTERBANDED)) + C-PARTINGS
L	147	172		5	4D4	+ (4A134) + (4D4 BRECCIA @ 15.7 - 16.4 m =
						4D4 + 4E14 CLASTS IN CLOSED 4D4
						MATRIX - CONTACTS? - CLAST = 0.1 - 3 cm
						DIA) → POSS FAULT
L	172	190		6	4A34	+ (4E14) ± (3G12 - FINELY INTERBANDED) + C-PARTINGS
L	190	201		7	4A13	±4 + (3G12 - F. IB.) - BRECCIA -
						THE STEEP FOLIATION (0 - 20° TO C.A.)
						OF S_2 WITHIN & AROUND THIS UNIT
						SUGGEST IT IS A FOLD NOSE;
L	201	235		8	4A4	+ (3G12 - F.IB) + C-PARTINGS - INCREASING GRADE TOWARD F/W;
L	235	239		9	4D4	- 60% QZ; → SLICKENSIDED S_2 SURFACE @ 090/66 WRT S_2 - SPEC. KEPT ETC
L	239	266		10	4E*4	- MOD. CALC ±1; RARE 4K-TYPE CARBONATE
						CLASTS;
L	266	310		11	4A41	/3/
L	310	332		12	4D4	
L	332	336		13	4E18	/4/
L	336	352		14	4D0	/±4/
L	352	412		15	4A31	/4/ + (3G12 - F.IB.) + C PARTINGS;
L	412	430		16	4E14	+ (4A14 ±3) → DECREASING GRADE TOWARD F/W;
L	430	452		17	4C0	+ (4E1 = 30% OF UNIT)
L	452	471		18	4A13	C-PARTINGS.
L	471	499		19	4C0	± SERICITIC + (4E1 = 40% OF UNIT)
L	499	533		20	4D4	+ (4E14)
						BECOMING HIGHER GRADE TOWARD F/W;
L	533	543		21	5A3	- SERICITIC AT 20 cm H/W;
L	543	551		22	4L4	
L	551	561		23	4E14	±7 → 4J AFFINITY; 5% = 1-3 cm IRREG
						PATCHES OF QZ - (NON-CALC).
L	561	594		24	5B6	+ (5A6) - 95% OF UNIT = GOUGE;
						END OF HOLE @ 59.4 m.

C.A.M.C. 1981 - E-3

Note entered in computer as forest not trees ∴ will look different!

DDH 76-U161 (2 – 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
1	10 – 14	16 – 20	22 23	25 – 27	
L	00	238	1	~~4A4~~	w/ minor 4E interbds. PbZn ↑ @ EOI, minor late cpy
L	238	266	2	~~4E4~~	w/ minor qtz-carb clasts 15-20% PbZn orange sph
L	266	310	3	~~4A4~~	minor cpy ~15% PbZn
L	310	332	4	4D4	cpy ~15% PbZn
L	332	336	5	~~4E0~~	
L	336	352	6	~~4D0~~	cpy
L	352	412	7	~~4A4~~	5-8% PbZn
L	412	420	8	4E1	
L	420	430	9	~~4AE~~	interbdded 4A4, 4E41
L	430	451	10	4C0	
L	451	471	11	~~4A0~~	
L	471	503	12	4C0	
L	503	533	13	4D4	
L	533	543	14	5A3	bleached @ TOI
L	543	551	15	~~4L0~~	~~sph+gn @ TOI~~
L	551	561	16	4E41	High grade w/ patches of qtz (maybe 25%)
L	561	594	17	5B6?	95% gouge
		EOH			

DDH 76-416.1 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JSM

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		399	PSZ			55 230	R region 0-53.3
							even though there is a lot of HA
							I couldn't get S_2 readings
S		533	FZR				R region 53.3 - 55.1
S		534	PSZ			210 230	
S		545	PSZ			210 230	
S		551	FZF				R region 55.1 - EOH
							56.1 - EOH = gouge
S		594	FZR				EOH

DDH 76-416.1 (2 / 8)

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

Logged By: JSM

Sampled By: KA

Code	From	To	Sample No.	Description	Length	Rec'v	Unit
	10 14	16 20	22 27				
D	100	146	481116	KA	4.6	0.8	4A4
P	146	176	481117	KA	3.0	1.4	"
P	176	191	481118	KA	1.5	1.3	"
P	191	1107	481119	KA	1.6	1.3	"
P	1107	1122	481120	KA	1.5	1.1	"
P	1122	1137	481121	KA	1.5	1.3	"
P	1137	1152	481122	KA	1.5	1.4	"
P	1152	1168	481123	KA	1.6	1.6	"
P	1168	1183	481124	KA	1.5	1.5	"
P	1183	1198	481125	KA	1.5	1.5	"
P	1198	1213	481126	KA	1.5	1.5	"
P	1213	1229	481127	KA	1.6	1.5	"
P	1229	1244	481128	KA	1.5	1.5	4A4, 4E4
P	1244	1259	481129	KA	1.5	1.5	4E4
P	1259	1274	481130	KA	1.5	1.5	4E4 4A4 1
P	1274	1290	481131	KA	1.6	1.6	4A4 1
P	1290	1305	481132	KA	1.5	1.5	4A4 1
P	1305	1320	481133	KA	1.5	1.5	4A4 1, 4D4
P	1320	1335	481134	KA	1.5	1.5	4D4 4E0
P	1335	1351	481135	KA	1.6	1.5	4D0
P	1351	1366	481136	KA	1.5	1.4	4D0 4A4
P	1366	1381	481137	KA	1.5	1.3 ✓	4A4
P	1381	1402	481138	KA	2.1	1.4 ✓	4A4
P	1402	1422	481139	KA	2.0	1.7	4A4 4E1 4AE
P	1422	1442	491410	KA	2.0	1.4 ✓	4AE 4C0
P	1442	1462	491411	KA	2.0	1.8	4C0 4A0
P	1462	1482	491412	KA	2.0	2.0	4A0 4C0
P	1482	1502	491413	KA	2.0	1.7	4C0
P	1502	1533	491414	KA	3.1	1.2 ✓	4D4
P	1544	1561	491415	KA	1.7	1.6	4D 4E41

66W

LOGGED 1980/CHECKED & ASSAYED 1981

DDH 76-U161 Cyprus Anvil Mining Corp

Page ____ of ____

CHECKED ~~Logged~~ by GG

ASSAY LOG (SAMPLER'S COPY)

Date 17 Aug/81 Sampled by ____

UNITS = METRES

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	00	27	—	27	00	*	No Recovery
P	27	47	9546	20	18	4A13	
P	47	66	9547	19	10	4A13	
P	66	85	9548	19	19	4A13	
P	85	104	9549	19	19	4A13	
P	104	123	9550	19	19	4A13	
P	123	137	9551	14	14	4A34	
P	137	147	9552	10	10	4E1	+(4A13)
P	147	157	9553	10	10	4D4	+(4A134)
P	157	172	9554	15	15	4D4	BRECCIA + (4D4) + (4A134)
P	172	190	9555	18	18	4A34	+(4E14)
P	190	201	9556	11	11	4A13	±4 - BRECCIA
P	201	218	9557	17	17	4A4	
P	218	235	9558	17	16	4A4	
P	235	239	9559	04	04	4D4	
P	239	252	9560	13	18	4E*4	
P	252	266	9561	14	14	4E*4	
P	266	288	9562	22	22	4A41	/3/
P	288	310	9563	22	22	4A41	/3/
P	310	332	9564	22	22	4D4	
P	332	336	9565	04	04	4E18	/4/
P	336	352	9566	16	15	4D0	±4
P	352	372	9567	20	20	4A31	/4/
P	372	392	9568	20	20	4A31	/4/
P	392	412	9569	20	20	4A31	/4/
P	412	430	9570	18	18	4E14	+(4A14±3)
P	430	452	9571	21	21	4C0	
P	452	471	9572	19	19	4A13	
P	471	485	9573	14	14	4C0	+(4E1)
P	485	499	9574	14	14	4C0	+(4E1)
P	499	516	9575	17	16	4D4	+(4E14)
P	516	533	9576	17	14	4D4	+(4E14)
	533	543	—	10	—	5A3	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	543	551	9577	08	08	4L4	
P	551	561	9578	10	07	4E14	

C.A.M.C. 1981 - E - 5

END OF HOLE @ 59.4m

GGW

LOGGED 1980/CHECKED & ASSAYED 1981

DDH 76-U-161 Cyprus Anvil Mining Corp Page 9 of 9

CHECKED/Logged by GG

ASSAY LOG (SAMPLER'S COPY) Date 17 AUG/81 Sampled by

UNITS = METRES

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	10 0	12 7		27	100	1*1	No Recovery
P	12 7	14 7	195416	20	13	4A13	
P	14 7	16 6	195417	19	10	4A13	
P	16 6	18 5	195418	19	19	4A13	
P	18 5	110 4	195419	19	19	4A13	
P	110 4	112 3	195450	19	19	4A13	
P	112 3	113 7	195451	14	14	4A34	
P	113 7	114 7	195452	10	10	4E1	+(4A13)
P	114 7	115 7	195453	10	10	4D4	+(4A134)
P	115 7	117 2	195454	15	15	4D4	BRECCIA + (4D4) +(4A134)
P	117 2	119 0	195455	18	18	4A34	+(4E14)
P	119 0	120 1	195456	11	11	4A13	±4 - BRECCIA
P	120 1	121 8	195457	17	17	4A4	
P	121 8	123 5	195458	17	16	4A4	
P	123 5	123 9	195459	04	04	4D4	
P	123 9	125 2	195460	13	13	4E*4	
P	125 2	126 6	195461	14	14	4E*4	
P	126 6	128 8	195462	22	22	4A4	/3/
P	128 8	131 0	195463	22	22	4A4	/3/
P	131 0	133 2	195464	22	22	4D4	
P	133 2	133 6	195465	04	04	4E18	/4/
P	133 6	135 2	195466	16	15	4D0	±4
P	135 2	137 2	195467	20	20	4A31	/4/
P	137 2	139 2	195468	20	20	4A31	/4/
P	139 2	141 2	195469	20	20	4A31	/4/
P	141 2	143 0	195470	18	18	4E14	+(4A14±3)
P	143 0	145 2	195471	21	21	4C0	
P	145 2	147 1	195472	19	19	4A13	
P	147 1	148 5	195473	14	14	4C0	+(4E1)
P	148 5	149 9	195474	14	14	4C0	+(4E1)
P	149 9	151 6	195475	17	16	4D4	+(4E14)
P	151 6	153 3	195476	17	14	4D4	+(4E14)
	153 3	154 3		10	—	5A3	LOW GRADE NOT SAMPLED // ASSAY =0%
P	154 3	155 1	195477	08	08	4L4	
P	155 1	156 1	195478	10	07	4E14	

C.A.M.C. 1981 - E - 5

END OF HOLE @ 59.4m

DDH EAGU161 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	157	164	DXP					
F	190	210	DP					
F	201	235	S			9999		Slicks at 090/60 wrt S
F	516	5916	G					

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO D.D.H. Nº 76-U-161 PAGE 1

PROPERTY GRUM JOINT VENTURE

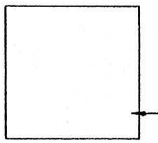
LATITUDE 2N STARTED AUGUST 28, 1976

DEPARTURE 66W COMPLETED AUGUST 29, 1976

ELEVATION 1177.484 PROPOSED DEPTH

ULTIMATE DEPTH 195-59.4m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	222° 51'	-31° 54'



CLAIM Nº

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 77.6%

Interval From	Interval To	DESCRIPTION		Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	24.0	MINERALIZED GRAPHITIC PHYLLITE (G). Competent.	15 2	0.8	4816	0	4.6	4.6	0.33	0.58	10.97			4.19	PbZn	
		Varying foliation trend as hole progresses.	20 2	1.4	4817	4.6	7.6	3.0	0.18	0.80	8.91			2.94	PbZn	
		0-10.7: F_2 = 70-80°; F_1 = 10°.	20 2	1.3	4818	7.6	9.1	1.5	0.13	0.58	7.20			1.07	PbZn	
		10.7-18.3: F_2 = 45-50°; F_1 = 40° (oppisite dip dir.)	25 4	1.3	4819	9.1	10.7	1.6	0.55	1.10	12.00			2.64	PbZn	
		21.3-22.9: F_2 = 0° with series of fold noses on	25 6	1.1	4820	10.7	12.2	1.5	1.18	2.73	20.23			1.77	4.1	30.35
		oppisite sides of core.	25 6	1.3	4821	12.2	13.7	1.5	3.48	.348	52.46			5.22	5.22	78.69
		18.3-19.8: Bx. Sulfdie and quartz fragments cemen-	50 5	1.4	4822	13.7	15.2	1.5	1.75	1.75	28.46			2.63	2.63	42.69
		ted by graphite.	40 12	1.6	4823	15.2	16.8	1.6	7.86	9.22	95.66			12.58	14.75	153.06
		24.0: Gradual build-up of mineralization. Rx be-	40 8	1.5	4824	16.8	18.3	1.5	3.18	3.60	44.23			4.77	5.40	66.35
		coming massive sulfide (M).	40 10	1.5	4825	18.3	19.8	1.5	1.70	0.78	30.17			2.55	1.17	45.26
24,0	32.0	MASSIVE SULFIDE OF BANDED (MB) WITH BARITE GROUNDMASS	30 9	1.5	4826	19.8	21.3	1.5	3.90	2.60	54.51			5.85	3.90	81.77
		VARIETIES (Mb). Competent. Compositional banding =	25 18	1.5	4827	21.3	22.9	1.6	7.66	10.30	103.9			12.26	16.48	166.22
		15-20°. Except at 29m: Foliation = 0°, fold nose.	30 18	1.5	4828	22.9	24.4	1.5	8.66	17.08	158.4			12.99	25.62	237.6
		28.4-31.5: Barite in groundmass.	60 10	1.5	4829	24.4	25.9	1.5	6.61	9.30	100.8			9.92	13.95	151.20
		32.0: Gradual change to quartz sulfide (P).	70 10	1.5	4830	25.9	27.4	1.5	6.10	10.70	108.0			9.15	16.05	162.0
32.0	35.2	QUARTZ-SULFIDE (P). Competent. Very siliceous ground	70 15	1.6	4831	27.4	29.0	1.6	9.20	10.60	140.2			14.72	16.96	224.37
		mass. Foliation = 25° (F_1?)	70 12	1.5	4832	29.0	30.5	1.5	6.50	8.89	91.89			9.75	13.34	137.84

LOGGED BY _____ D.D.H. NO 76-U-161 PAGE 2

Interval From	Interval To	DESCRIPTION		Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		35.2: Abrupt change to Mineralized Graphitic	60 10	1.5	4833	30.5	32.0	1.5	6.28	8.40	88.80			9.42	12.6	133.20
		Phyllite (PG). Contact broken core.	40 16	1.5	4834	32.0	33.5	1.5	7.20	9.65	96.69			10.8	14.48	145.04
35.2	53.3	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent.	40 15	1.5	4835	33.5	35.1	1.6	2.90	3.35	38.40			4.64	5.36	61.44
		F = 20°; F = 30-35° (oppisite dip direction).	30 15	1.4	4836	35.1	36.6	1.5	3.10	4.15	42.51			4.65	6.23	63.77
		Sulfides parallel to F_2. F_1	30 17	1.3	4837	36.6	38.1	1.5	3.48	4.75	46.29			5.22	7.13	69.4
		38-38.2: Sheared. Porous graphitic sulfide. F_2	30 10	1.4	4838	38.1	40.2	2.1	2.05	2.90	21.26			4.31	6.09	44.6
		42.7-46: Quartz-sulfide interval. Contacts gradual.	30 9	1.7	4839	40.2	42.2	2.0	3.25	4.65	34.29			6.50	9.30	68.6
			30 4	1.4	4940	42.2	44.2	2.0	0.23	0.30	8.23			0.53	PbZn	
		51.8-53.3: Broken blocky core. Poor recovery.	35 4	1.8	4941	44.2	46.2	2.0	0.08	0.48	9.94			0.56	PbZn	
53.3	59.4	GRAPHITIC PHYLLITE (G) W/SHORT MINERALIZED INTERVALS	35 4	2.0	4942	46.2	48.2	2.0	0.18	0.70	13.03			0.88	PbZn	
		(PG). F = 0°; F = 90°.	40 5	1.7	4943	48.2	50.2	2.0	0.88	1.00	20.23			1.88	PbZn	
		Sulfides parallel to F_2. F_1 Mgtt. @ 48.8-50.3.	40 8	1.2	4944	50.2	53.3	3.1	5.15	4.80	70.63			15.97	14.88	218.95
		54.4-54.9: Bleached F_2 phyllite interval. Silvery	1 NIL	0.9		53.3	54.4	1.1						0	0	0
		white colour with sulfide laminae. Foliation = 0° F ?	15 8	1.6	4945	54.4	56.1	1.7	6.01	8.40	72.69			10.22	14.28	123.57
		56.2-59.4: FAULT. Sericite and graphite flakes in dark F_2		1.1		56.1	59.4	3.3								
		sticky gouge.														
					W.Av.	0	10.7	10.7	1.01	PbZn				10.48	PbZn	
					W.Av.	10.7	15.2	4.5	2.14	2.65	33.72			9.62	11.93	151.73
	59.4	END OF HOLE.			W.Av.	15.2	18.3	3.1	5.60	6.50	70.78			17.35	20.15	219.41
					W.Av.	16.8	21.3	4.5	2.93	2.33	34.08			13.17	10.47	153.38
					W.Av.	21.3	33.5	12.2	7.30	10.61	111.3			89.01	129.48	1357.4
					W.Av.	33.5	42.2	8.7	2.91	3.92	35.4			25.32	34.11	307.8
					W.Av.	42.2	50.2	8.0	0.96	PbZn						
					W.Av.	15.2	21.3	6.1	4.22	4.13	50.2			25.75	25.22	306.4
					W.Av.	50.2	56.1	5.9	4.44	4.94	58.1			26.19	29.16	342.52

DDH: FAGU161 -- 132 DEGREE PROFILE

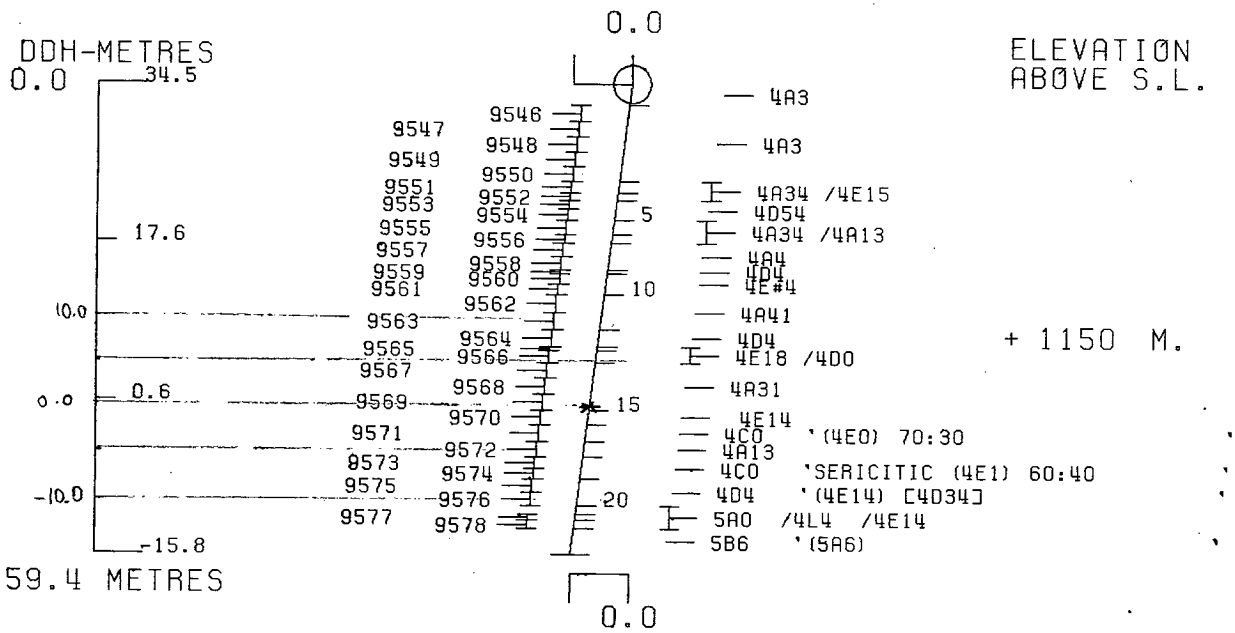
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1167 592443E ; 904787N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 697.9 Z = 1166.8

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH162 22 OCT 1985 1:14 PM

DDH: FAGU161 -- 132 DEGREE PROFILE

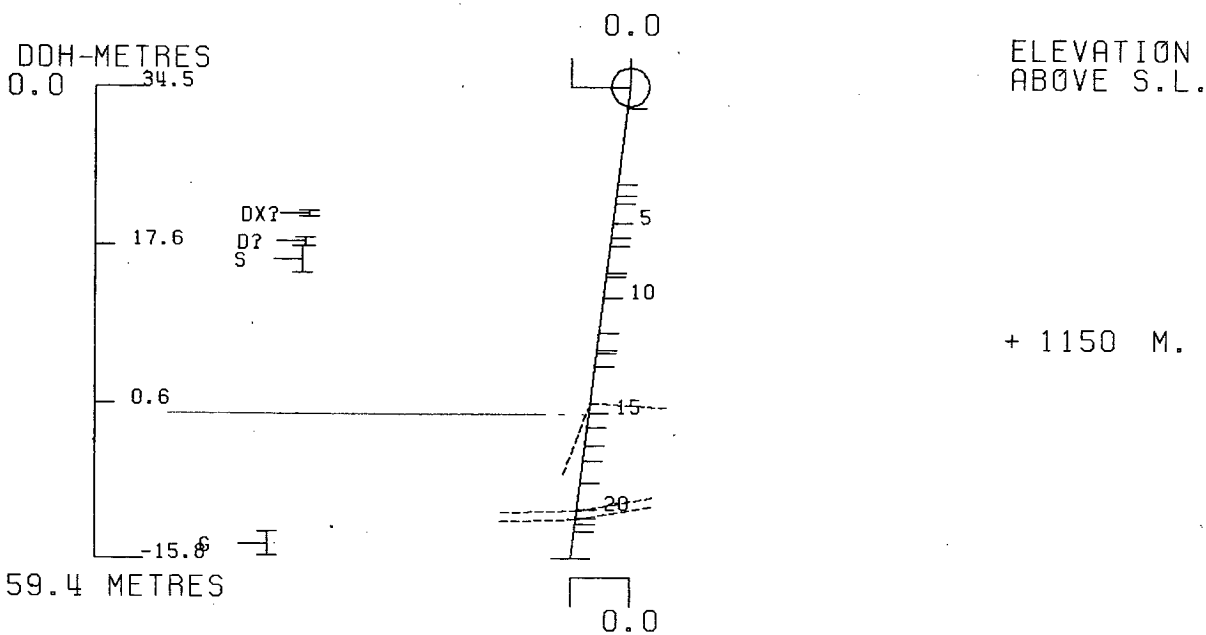
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1167 592443E ; 904787N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 697.9 Z = 1166.8

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 22 OCT 1985 1:13 PM

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU163	7646	.0	2.1	2.1	10	4C8	3.69	.20	.14	1.55	15.0	1.70	1.99	25.80		1.69	27.79	.92
	7647	2.1	4.1	2.0	65	4C8	3.46	.23	.20	1.31	12.0	.55	3.06	20.30		1.51	23.36	.87
	7648	4.1	6.1	2.0	100	4C8	3.39	.25	.33	.92	17.0	.75	2.65	19.00		1.25	21.65	.74
	7649	6.1	8.0	1.9	100	4C8	3.48	.24	1.54	2.50	39.0	1.10	2.00	19.20		4.04	21.20	.62
	7650	19.4	21.0	1.6	94	4H6	3.66	.09	3.50	2.80	53.0	.21	15.60	10.00		6.30	25.60	.44
	7651	60.4	61.8	1.4	93	4G4	4.64	.17	5.40	9.10	102.0	1.71	1.01	15.60		14.50	16.61	.63
	7652	61.8	63.4	1.6	100	4G4	4.40	.16	3.90	7.70	71.0	1.65	1.12	17.90		11.60	19.02	.66
	7653	89.6	91.0	1.4	43	4C3	3.53	.27	1.09	.60	27.0	.89	2.73	19.80		1.69	22.53	.36
	7654	91.0	93.3	2.3	57	4D38	3.90	.13	3.20	2.50	46.0	.75	7.40	20.00		5.70	27.40	.44
	7655	93.3	95.0	1.7	94	4C37	3.81	.29	1.60	1.56	28.0	.48	17.28	14.50		3.16	31.78	.49

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU163	7646	4C8	.58	.16	2.31	3.13	55.48		38.34	*	.52	.08	2.18	2.57	41.95		52.70
	7647	4C8	.66	.23	1.95	4.81	43.66		48.68	*	.56	.11	1.73	3.72	31.01		62.87
	7648	4C8	.72	.38	1.37	4.17	40.86		52.50	*	.60	.18	1.19	3.15	28.44		66.44
	7649	4C8	.69	1.78	3.73	3.15	41.29		49.37	*	.59	.84	3.30	2.42	29.26		63.60
	7650	4H8	.26	4.04	4.17	24.53	21.51		45.48	*	.22	1.94	3.75	19.17	15.46		59.46
	7651	4G4	.49	6.24	13.57	1.59	33.55		44.57	*	.42	3.01	12.29	1.25	24.31		58.72
	7652	4G4	.46	4.50	11.48	1.76	38.49		43.30	*	.40	2.19	10.47	1.40	28.09		57.45
	7653	4C3	.78	1.26	.89	4.29	42.58		50.19	*	.66	.59	.79	3.30	30.11		64.54
	7654	4D38	.38	3.70	3.73	11.64	43.01		37.55	*	.34	1.87	3.54	9.62	32.70		51.92
	7655	4C37	.84	1.85	2.33	27.18	31.18		36.63	*	.75	.93	2.19	22.30	23.54		50.28

DRILL HOLE : FAGU163

NORTHING : 904,740.0

EASTING : 592,481.2

ELEVATION : 1,174.9

TOTAL DEPTH : 112.0

SECTION : W 64

R.F.E. : S2

RFE DIRECTION: 230

PLUNGE ANGLE : 11

PLUNGE DIRECT: 312

DHD CALC: 1

SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	10
NOS DOWN-H-SURVEYS:	2
NOS DOWN-H-LITHOLOGY:	29
NOS DOWN-H-STRUCTURE:	41
NOS DOWN-H-FAULTS:	29
NOS DOWN-H-SPLINES:	2
NOS COMPOSITES:	0

DDH: FAGU163 UTM-N: 904,740.0 UTM-E: 592,481.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.1	07646	2.1	.2	4C8	3.69	.20	.14	1.55	15.00		1.30	1	25	27						
2.1	4.1	07647	2.0	1.3	4C8	3.46	.23	.20	1.31	12.00		.55	3	20	23						
4.1	6.1	07648	2.0	2.0	4C8	3.39	.25	.33	.92	17.00		.75	2	19	21						
6.1	8.0	07649	1.9	1.9	4C8	3.48	.24	1.54	2.50	39.00		1.10	2	19	21						
19.4	21.0	07650	1.6	1.5	4H@	3.66	.09	3.50	2.80	53.00		.21	15	10	25						
60.4	61.8	07651	1.4	1.3	4G4	4.64	.17	5.40	9.10	102.00		1.71	1	15	16						
61.8	63.4	07652	1.6	1.6	4G4	4.40	.16	3.90	7.70	71.00		1.65	1	17	19						
89.6	91.0	07653	1.4	.6	4C3	3.53	.27	1.09	.60	27.00		.89	2	19	22						
91.0	93.3	07654	2.3	1.3	4D38	3.90	.13	3.20	2.50	46.00	43.00	.75	7	20	27						
93.3	95.0	07655	1.7	1.6	4C37	3.81	.29	1.60	1.56	28.00		.48	17	14	31						
WEIGHTED AVERAGE																					
.0	8.0		8.0	5.4		3.50	.22	.53	1.55	20.45		.92	2	21	23						
19.4	21.0		1.6	1.5		3.66	.09	3.50	2.80	53.00		.21	15	10	25						
60.4	63.4		3.0	2.9		4.51	.16	4.60	8.35	85.46		1.67	1	16	17						
89.6	95.0		5.4	3.5		3.77	.21	2.14	1.71	35.40	18.31	.70	9	18	27						

DDH: FAGU163 UTM-N: 904,740.0 UTM-E: 592,481.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	91.000	224.100
61.000	90.000	229.000

DDH: FAGU163 UTM-N: 904,740.0 UTM-E: 592,481.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
8.1	0001	4C8	(4C0)	0.5-	1
9.7	0002	5B26	(4L2) 50:50	0.5-	1
12.5	0003	5A6		0.5-	1
18.0	0004	5B6		0.5-	1
19.4	0005	5B4	[4L0]	0.5-	1
21.0	0006	4H8	BXA (4K17) (4E7) AT E.O.I.	0.5-	1
21.8	0007	4LC	?	0.5-	1
23.6	0008	5B6		0.5-	1
24.6	0009	5B6	(10Q0) 50:50	0.5-	1
29.3	0010	5A3		0.5-	1
32.2	0011	5A83	(5A08)	0.5-	1
49.9	0012	5A3		0.5-	1
50.7	0013	5D3	(10Q0)	0.5-	1
57.3	0014	5A3		0.5-	1
60.4	0015	5B6	(5A)	0.5-	1
63.4	0016	4G4		0.5-	1
63.9	0017	10Q0		0.5-	1
65.5	0018	5A96		0.5-	1
72.8	0019	5A3	?	0.5-	1
74.4	0020	5BC	(5D4*)	0.5-	1
82.8	0021	5BC		0.5-	1
84.4	0022	5B62		0.5-	1
88.4	0023	5B20		0.5-	1
89.6	0024	5BC		0.5-	1
91.0	0025	4C3		0.5-	1
93.3	0026	4D38		0.5-	1
95.0	0027	4C37		0.5-	1
110.7	0028	5A3		0.5-	1
112.0	0029	5C4*		0.5-	1

DDH: FAGU163 UTM-N: 904,740.0 UTM-E: 592,481.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHCC	SDC	PROCESS
FAGU163	0.0	3.3	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU163	0.0	5.3	PS2	P	0	0	0	0	45	230	0	1	1	1
FAGU163	0.0	8.4	CS2	Z	0	0	0	0	20	230	0	1	1	1
FAGU163	0.0	9.5	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU163	0.0	12.1	PS2	P	0	0	0	0	25	230	0	1	1	1
FAGU163	0.0	12.5	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU163	0.0	14.0	CS2	S	0	0	0	0	65	230	0	1	1	1
FAGU163	0.0	15.3	CS2	S	0	0	0	0	25	230	0	1	0	0
FAGU163	0.0	16.8	CS2	S	0	0	0	0	50	230	0	1	1	1
FAGU163	0.0	19.2	PS2	P	0	0	0	0	25	230	0	1	1	1
FAGU163	0.0	22.4	CS2	S	0	0	0	0	65	230	0	1	0	0
FAGU163	0.0	22.9	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU163	0.0	24.7	CS2	S	0	0	0	0	25	230	0	1	1	1
FAGU163	0.0	25.3	CS2	Z	0	0	0	0	50	230	0	1	1	1
FAGU163	0.0	26.8	CS2		0	0	0	0	10	230	0	1	1	1
FAGU163	0.0	28.5	CS2		0	0	0	0	10	230	0	1	1	1
FAGU163	0.0	30.4	PS2	P	0	0	0	0	20	230	0	1	1	1
FAGU163	0.0	32.0	CS2	Z	0	0	0	0	45	230	0	1	1	1
FAGU163	0.0	36.0	CS2	Z	0	0	0	0	20	230	0	1	1	1
FAGU163	0.0	39.5	CS2		0	0	0	0	10	230	0	1	1	1
FAGU163	0.0	42.0	CS2		0	0	0	0	10	230	0	1	1	1
FAGU163	0.0	44.9	CS2		0	0	0	0	10	230	0	1	1	1
FAGU163	0.0	47.0	CS2	Z	0	0	0	0	60	230	0	1	1	1
FAGU163	0.0	49.5	CS2	S	0	0	0	0	25	230	0	1	1	1
FAGU163	0.0	50.8	CS2	S	0	0	0	0	40	230	0	1	1	1
FAGU163	0.0	56.2	CS2	Z	0	0	0	0	20	230	0	1	1	1
FAGU163	0.0	59.4	CS2	S	0	0	0	0	20	230	0	1	1	1
FAGU163	0.0	63.4	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU163	0.0	67.5	PS2	P	0	0	0	0	55	230	0	1	1	1
FAGU163	0.0	70.3	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU163	0.0	74.5	CS2	Z	0	0	0	0	70	230	0	1	1	1
FAGU163	0.0	76.5	PS2	P	0	0	0	0	20	230	0	1	1	1
FAGU163	0.0	78.5	PS2	P	0	0	0	0	45	230	0	1	1	1
FAGU163	0.0	80.8	CS2	Z	0	0	0	0	40	230	0	1	1	1
FAGU163	0.0	85.0	CS2	Z	0	0	0	0	25	230	0	1	1	1
FAGU163	0.0	87.1	CS2	Z	0	0	0	0	35	230	0	1	1	1
FAGU163	0.0	93.2	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU163	0.0	98.0	CS2	S	0	0	0	0	30	230	0	1	1	1
FAGU163	0.0	104.8	CS2	Z	0	0	0	0	45	230	0	1	1	1
FAGU163	0.0	105.6	CS2	S	0	0	0	0	20	230	0	1	1	1
FAGU163	0.0	111.8	PS2	P	0	0	0	0	40	230	0	1	1	1

DDH: FAGU163 UTM-N: 904,740.0 UTM-E: 592,481.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU163	0.1	3.0	P	2		0	0	0	0	0	0	1
FAGU163	6.3	7.2	XQ			0	0	99	999	0	0	1
FAGU163	9.1	9.7	B1G			0	0	0	0	0	0	1
FAGU163	9.7	12.5	XQ			0	0	0	0	0	0	1
FAGU163	0.0	12.5	G			0	0	0	0	0	0	1
FAGU163	0.0	18.0	G			0	0	0	0	0	0	1
FAGU163	0.0	19.9	SQ			0	0	0	0	0	0	1
FAGU163	19.4	21.0	D			0	0	0	0	0	0	1
FAGU163	0.0	21.2	G			0	0	0	0	0	0	1
FAGU163	0.0	21.4	G			0	0	0	0	0	0	1
FAGU163	0.0	21.8	G			0	0	0	0	0	0	1
FAGU163	0.0	23.6	G			0	0	0	0	0	0	1
FAGU163	24.6	35.4	Q1X			0	0	0	0	0	0	1
FAGU163	37.4	38.0	Q1X			0	0	0	0	0	0	1
FAGU163	0.0	60.4	S			0	0	0	0	0	0	1
FAGU163	0.0	62.5	F??			0	0	0	0	0	0	1
FAGU163	63.4	63.9	XQ			0	0	0	0	0	0	1
FAGU163	63.9	65.5	RP			0	0	0	0	0	0	1
FAGU163	71.6	72.8	N			0	0	0	0	0	0	1
FAGU163	65.5	74.4	G			0	0	0	0	0	0	1
FAGU163	0.0	77.1	1G			0	0	0	0	0	0	1
FAGU163	0.0	77.9	G			0	0	0	0	0	0	1
FAGU163	89.6	91.0	X1G			0	0	0	0	0	0	1
FAGU163	89.9	91.4	P	5		0	0	0	0	0	0	1
FAGU163	94.5	96.0	P	1		0	0	0	0	0	0	1
FAGU163	96.0	99.0	P1G			0	0	0	0	0	0	1
FAGU163	102.0	102.6	GQ			0	0	0	0	0	0	1
FAGU163	104.9	105.2	GB			0	0	0	0	0	0	1
FAGU163	108.0	108.5	BP			0	0	0	0	0	0	1

DOWN-HOLE SPLINES (DH020)

DDH: FAGU163 UTM-N: 904,740.0 UTM-E: 592,481.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU163	1	2
FAGU163	2	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU163

Project: Grum Relog

Location: Vangorda Plateau 64W

Claim: C.A

~~UTM~~ Terr. Plane Co-ords.: 6904740.0 N

572481.2 E

Conversion of K-A surveyed grid co-ords

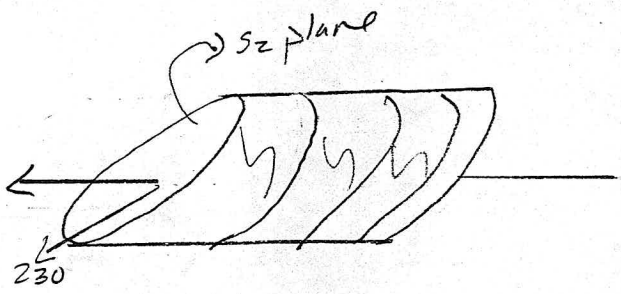
Grid Co-ords.: 64W

2N

Elevation: 1174.9

Total Depth: 112.1m

Fabric Orientation Diagram:



All ~~symmetry~~ determinations looking

NW with S_z dipping

SW with dip azimuth 230°.

Purpose:

Re

Logged by: RST + JGS Date(s) Logged: July 21, 1981

Drilling Contractor:

Core:	Size	From	To	Collar Cased and Capped:
	BQ	0	112.1m	

Started: 8/31/78 Completed: 9/1/78

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH ~~FAG~~U-163

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	~~FAG~~U-163	1174.9	9047401.0	592481.2	METRES

224.1 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	~~FAG~~U-163	0 0	91.0	212.6	AT COLLAR
R	~~FAG~~U-163	61.0	90.0	229.0	SPERRY SUN
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

Cyprus Anvil Mining Corp.
Lithologic Log

DDH FAGU163 (2–8) Date: 7/21/81 Logged By: RST + JSM + JGS

F.W. CTC

Code	From	To	Recov.	No.	Unit	Description
L	100	81		1	4C8	(4C0) minor cpy along thin fractures (4D4 @ f.w.) // C.A.
						6.3-7.2 vuggy crackle bxia
						Poor rec'vy (0.5/3.0) first 3 meters
L	81	97		2	5B26	8.1-8.3 4L2 bxiated, gouged lowercte 45° to CA.
						8.3-9.0 5B26
						9.0-9.1 4L2 silicified
						9.1-9.7 5B26 fractured zone
						5B26 (4L2) possible fault splay
L	97	125		3	5A6	pyrite + ank healed fractures indicating continuing influence of fault
						(5B26) 1cm wide gouge 45° to CA @ f.w gouged
L	125	180		4	5B6	minor ank fractures 12.9, 15.6, minor ank partings // S2, minor 10Q0 // S2 fracture qtz + ank 40° to CA
L	180	194		5	5B4	(this is JSM's 4L0 bleached phyllite) 10Q0 @ 18.5 // S2 w/ chloritic margins sharp gouged not // S2
L	194	210		6	4H*	matrix supported bxia w/ 4H matrix 4L frags = 4L zone shearing + 10Q0 center of interval (19.9)
						base metals seem to be fracture flooded
						(4K17)(4E7). *ankeritic spots consistently thruout @ f.w. sharp sub // 30° to CA
L	210	218		7	4L0	gouge @ 21.2, 21.4, 21.8
L	218	236		8	5B6	(5B4 @ 22.9) (5B* dolomitic 21.8-22.1) gouged
						silicified (10Q0?) // S2
L	236	241		9	5B6	(10Q0 sub // C.A.) 50:50 // S2
L	246	293		10	5A3	NB Ank. Frac / ill rel Fault? 24.6-35.4 AMK 2cm space.
L	293	322		11	5A83	Frac zone // core axis 37.4-38.0 <5A0/8>
L	322	499		12	5A3	
L	499	507		13	5D3	<0Q0> Upp. Cont. QV. L.C. slight transitional
L	507	573		14	5A3	
L	573	604		15	5B6	<5A> narrow interbands. .2m 57.9-58.3 also 60.2-60.4
L	604	634		16	4C4	Upp cont sharp slick-sick <0.1m 5A + QV 62.5 (fault?)
L	634	639		17	10Q0	61.5 0.1m Breccia qtz-dol? non calc
						0.4m Gauge 4E + VQ contact 0Q0
L	639	655		18	5A96	3cm core only little sulphide remnant.

C.A.M.C. 1981 – E-3

GARBAGE!

DDH F.A.G.U.1.6.3 (2 – 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 4 of 10

Date: 21 July/81 Logged By: RSTG GS

Code	From	To	Recov.	No.	Unit	Description
1	10 – 14	16 – 20	22 – 24	26 – 28	30 – 34	35 65.5 - 74.4
L	65.5	72.8		19	5A3	NB FAULT GAUGE calc. 71.6-72.8 CORE MISSING
L	72.8	74.4		20	5B3	50.4* from 73.3 - 73.4 FAULT GAUGE
L	74.4	82.8		21	5B3	NOT GAUGE 77.1 = .1m GAUGE
L	82.8	84.4		22	5B62	82.4 = ANK FR 77.9 = .2m GAUGE
L	84.4	88.4		23	5B23	85.4 - 86.3 ANK VEINS 1cm wide rep. 3-4cm
L	88.4	89.6		24	5B3	
L	89.6	91.0		25	4C0	Breccia frags Δ 1cm-2cm qtz-S matrix - minor Gauge 91
L	91.0	93.3		26	4D8	C. LOSS 89.9 - 91.4 = .7 CORE ONLY
L	93.3	95.0		27	4L8	CHALO. FRAC 94.4 LOW. CONT. CORE LOSS
L	95.0	110.7		28	5A3	C. LOSS 94.5 - 96 No CORE .2 m.
						96.3 QV. - 102
						102 - 102.6 GAUGE + QV.
						104.9 - 105.3 GAUGE + BR. CORE
						108.0 - 108.5 BROKEN CORE LOSS
L	110.7	112.0		29	5C4*	FUSCHITE PERVASIVE
						END OF HOLE 112'
						NB unit 16 4G4 very fine grained barite in groundmass. Sphalerite is flesh coloured.

DDH FAGU163 (2–8) **Cyprus Anvil Mining Corp.** Page 5 of 10

Structural Log Date: _____ Logged By: JGS & RST

445

Code	From	To	Feature	Sym	S_0 Dip	S_0 Direct.	S_1 Dip	S_1 Direct.	S_2 Dip	S_2 Direct	Description
1	10–14	16–20	22–24	26	28	32	34	38	40	44	
S		449	FLT		25°	00					S2 ll to ca.
S		470	CSZ	Z					60		
S		495	CSZ	S					25		
S		500	VN		35	320					·2m veining
S		508	CSZ	S					40		
S		562	CSZ	Z					20		
S		590	SHR		0	90					Shear qtz ank filled weak
S											veins sub // S2 cut This appear
											to be tension gashes 45/00°
S		594	CSZ	S					20		
S		604									4G4 cut. slicksided fault
											cut 30° to ca.
S		634	VN		50	320					cut at vein & 4G4
S		634	R						40		comp. banding in 4G4
S		639	VN								Lower cut 10% c.a of qtz vein
S		675	SHR								top of shear zone sub // S2
S		675	PSZ						55		
S		703	PSZ						40		
S		745	CSZ	Z					70		
S		765	PSZ						20		
S		765	SHR		20	180					narrow shear ·01m
S		785	SHR						45		sub // S2
S		785	PSZ						45		
S		808	CSZ	Z					40		
S		85	CSZ	Z					25		
S	855	861	VN						40		Zone of veining sub // S2
S	5	871	CSZ	Z					35		
S		896									Contact is bx
S		932	R						30		
S		970	VN						45		Qtz vein sub // S2
S		980	CSZ	S					30		
S		1020									Gouge poss. sub // S2
S		1048	CSZ	Z					45		Gouge zone is sub // S2
S		1056	CSZ	S					20		
S		1118	PSZ						40		Slickside at cut // S2

what trivia to log!

DDH FAGU163 (2 8) Cyprus Anvil Mining Corp. Page 6 of 10

Structural Log Date: _____ Logged By: JGS RST

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		3	R				70 230	4C
S		5	R				45	
SA		6						Bx Zone // S2
S		8	FLT		55 30			
S		8	CSZ	Z			20	Bx and fault zone post D2
								lower contact of fault
								measured
S		9	PS2				30	SA and OQO
S		9	FLT		0 90			
S		12	PS2				25°	S2 is warped in same
								core piece by post D2 fold.
S		12	PS2		30 340		40	
S		14	CSZ	S			65	
S		16	CSZ	S			50	
S		18	FRC		30 160			Qtz filled fracture (BED)
SA		15	CSZ	S			25	
S		19	PS2				25	
SA								Shear 10° to c.a. sub // S2
SA		21						" sub // S2
S		22	PS2				70	
S		22	TG		30 135			Tension gashes
S		22	CS2	S			65	
S		24	VN		0 00			Qtz vein //
S		24	CS2	S	0 0		25	
S		25	CS2	Z			50	
S	260	290	I	H				S2 sub // to C.a. (10°)
S		30	PS2				20	SA
S		32	CS2	Z			45	
S		36	CS2	Z			20	
S		37	VN					S2 // core axis in 90°
								round core and // C.a.
S		38					50	
SA		38	VN					vein & gange sub // S2
S	395	440	H					S2 10°-15° to C a folded

NB FLT - fault
TG - Tension gash
VN - vein
SHR - shear

DDH F.A.G.U. 163 (2–8) **Cyprus Anvil Mining Corp** Page 7 of 70

ASSAY LOG (SAMPLER'S COPY) Date 21/July 81 Logged by PST, JSM, GS

Sampled by

CODE (1)	FROM (10–14)	TO (16–20)	SAMPLE (22–26)	INTR. (28–30)	REC (m) (32–34)	UNIT (36–40)	DESCRIPTION (42)
P	00	21	7646	21	02	4C8	(4C0, 4D4)
P	21	41	7647	20	13	4C8	(4C0, 4D4)
P	41	61	7648	20	20	4C8	(4C0, 4D4)
P	61	80	7649	19	19	4C8	(4C0, 4D4)
P	194	210	7650	16	15	4H*	
P	604	618	7651	14	13	4E4	
P	618	634	7652	16	16	4E4	
P	896	910	7653	14	06	4C0	
P	910	933	7654	23	13	4D8	
P	933	950	7655	27	16	4L8	

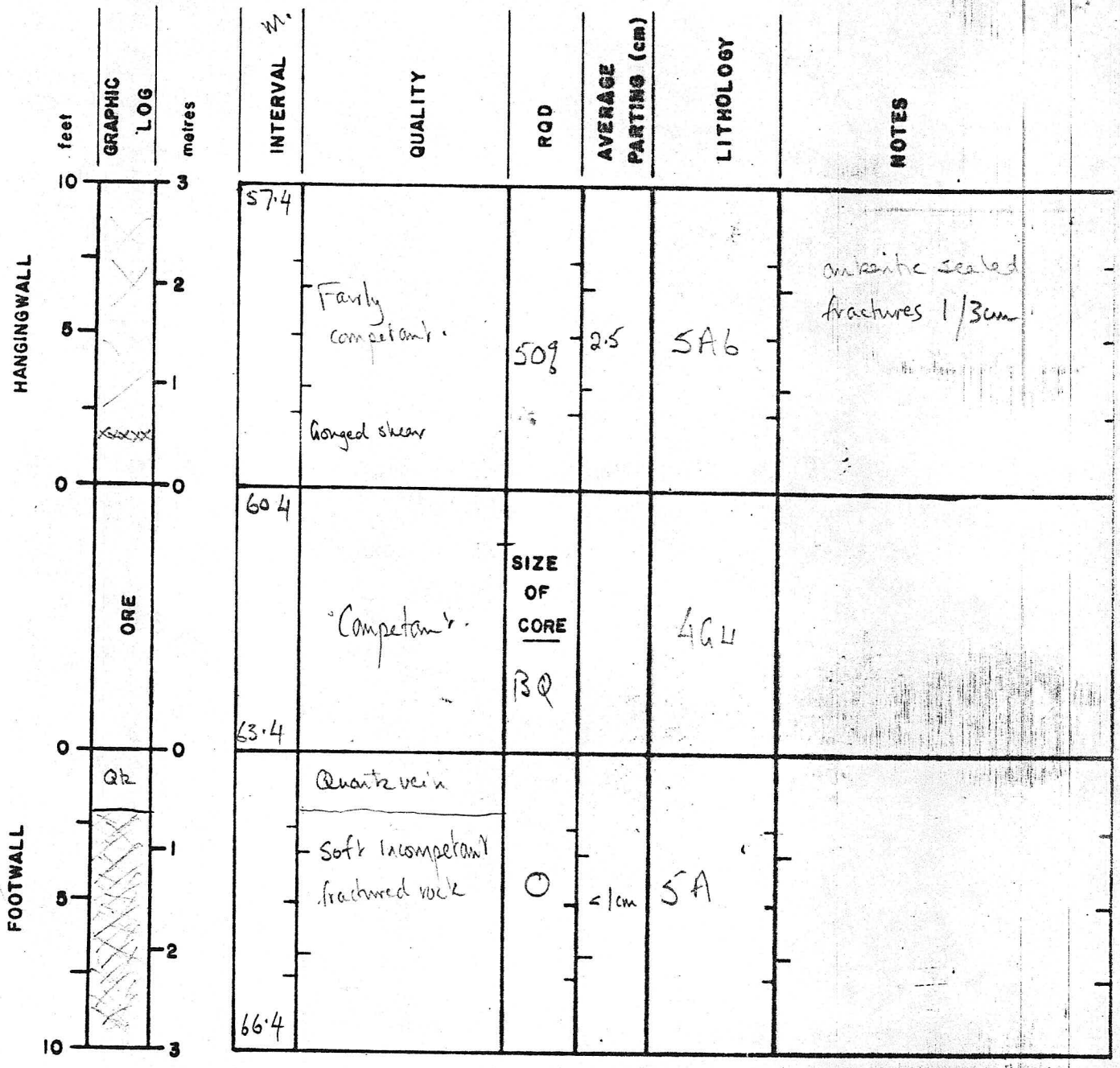
91.6
89.6
/14

C.A.M.C. 1981 - E - 5

DDH- FAAM1/163

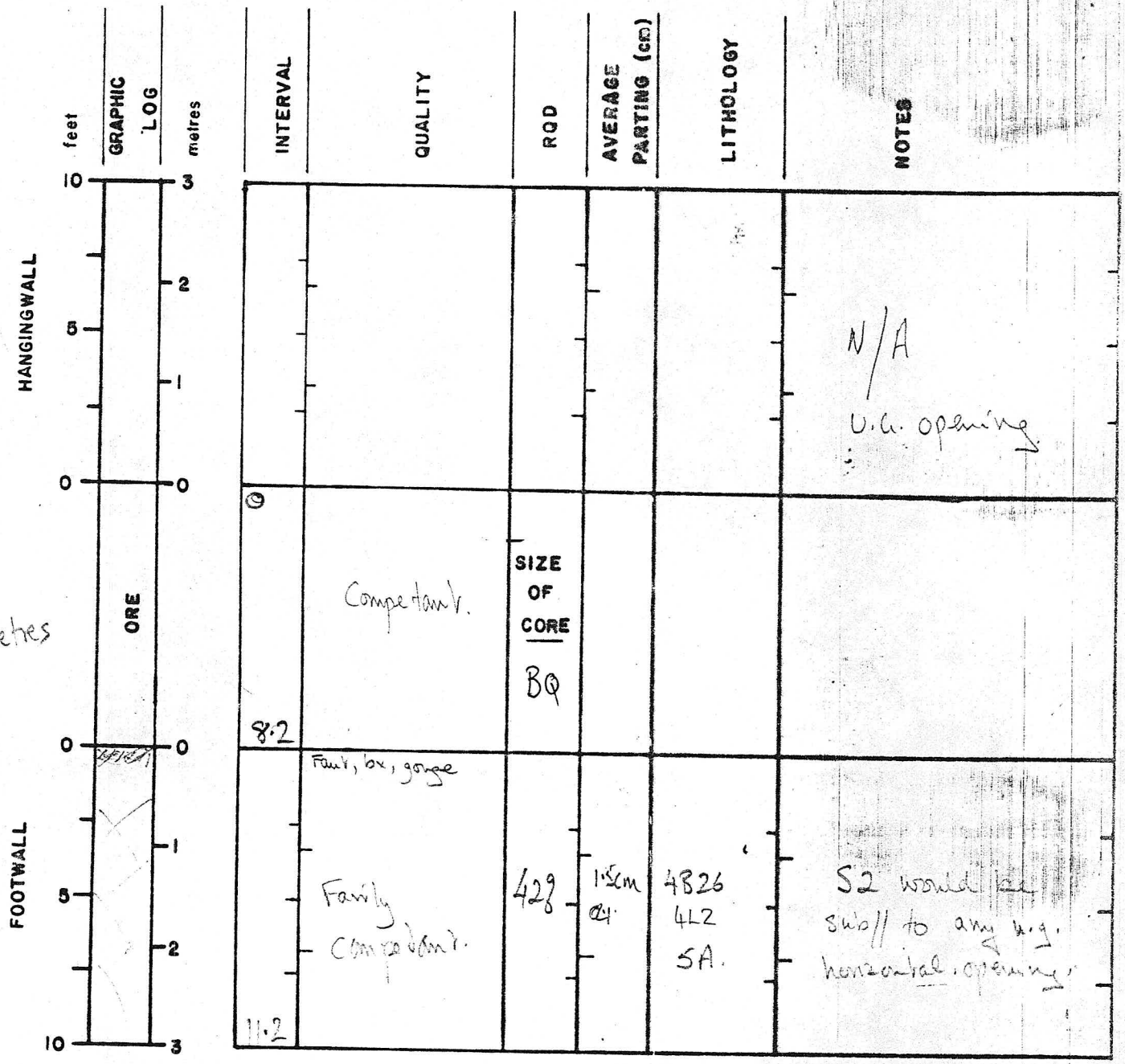
GEOTECHNICAL LOG

Metres



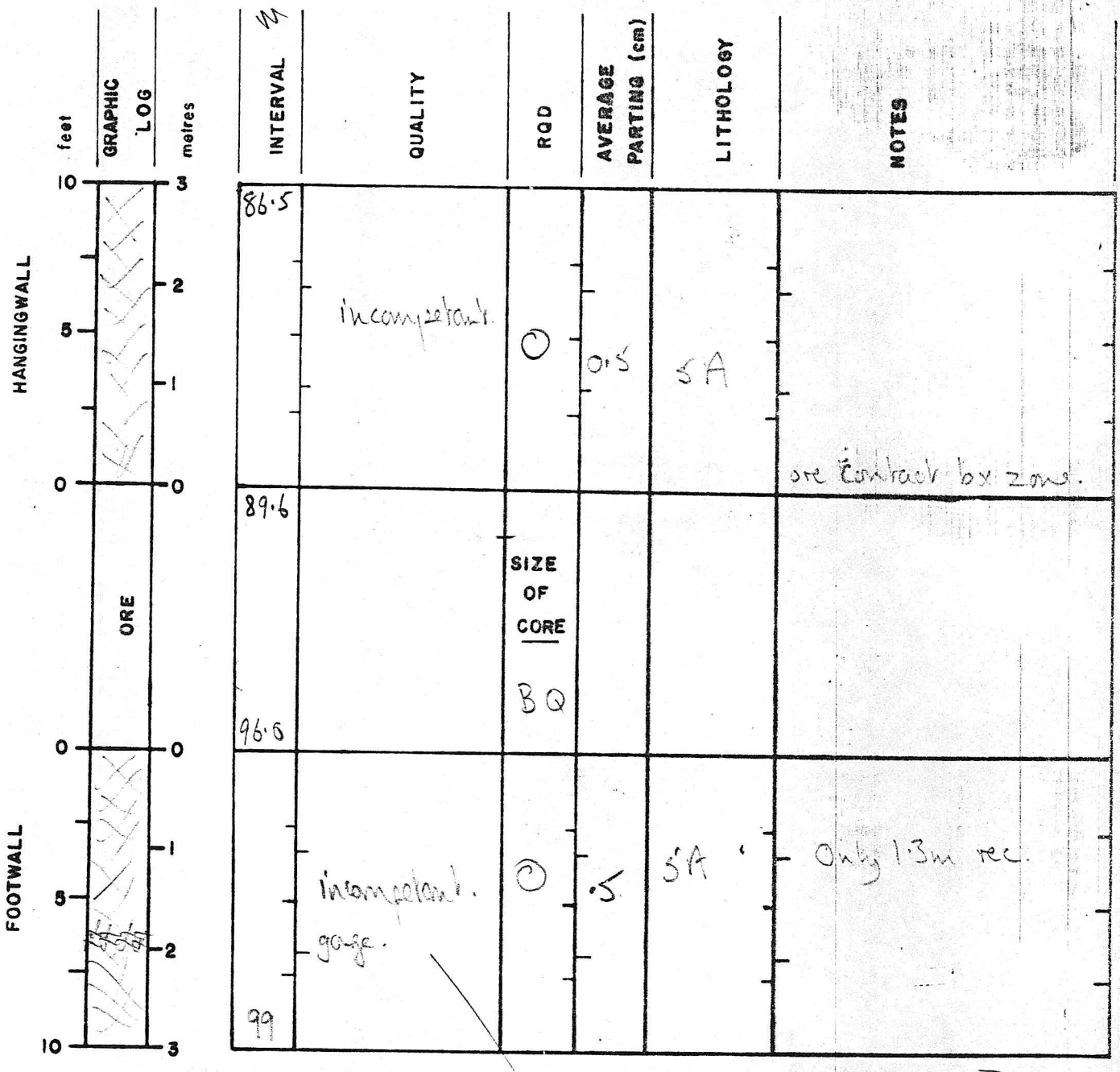
DDH- FIAGU/163

GEOTECHNICAL LOG



DDH- FIAG141/163

GEOTECHNICAL LOG



why isn't this zone noted on either the Log or Strat log?

DDH FAGU163 (2 — 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 — 14	16 — 20	22 — 24	26	28 — 32	34 — 38	40 — 44	
	163	172	XQ			9999		
	000	030	P	2				
	971	997	B1G					
	997	1125	XP					
		1125	G					
		1199	SQ					
	1194	2100	D					
		1180	G					
		2112	G					
		2114	G					
		2118	G					
		2136	G					
	2146	3540	Q1X					11 CA
	3174	3800	Q1X					11 CA
		6045	S					
		625	F??					
	634	639	XQ					
	639	655	RP			—		
	655	7144	G					
	716	728	N					
		7711	G					
		7799	G					
	8996	9100	X1G					
	8999	9140	P	5				
	9145	9600	P	1				
	10200	10266	GQ					
	10449	10552	GB					
	10800	10855	BP					
	9600	9990	P1G					

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D.D.H. Nº 76-U-163 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 64W STARTED AUGUST 31, 1978

DEPARTURE 2N COMPLETED SEPTEMBER 1, 1978

ELEVATION PROPOSED DEPTH 375' - 114.3m

ULTIMATE DEPTH 368' - 112.1m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224°	0°
61m	229°	0°

CLAIM Nº

NOTE: Hole stopped after passing target sulfide band.

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 79.5%

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	8.0	QUARTZ-SULFIDE (P). Competent. Very siliceous ground 30 3	0.5	001B	0	3.0	3.0	0.10	1.68	6.17			1.78	PbZn	
		mass. Foliation = 80-85°, from 0-5m. Foliation 30 3	3.0	002B	3.0	6.1	3.1	0.33	1.13	13.03			1.46	PbZn	
		changes to 40-45° from 6-8m. 25 5	1.5	003B	6.1	8.0	1.9	2.15	3.75	35.31					
		8.0: Sharp contact with Sericite Phyllite. Contact wavy													
		= 10-15° marked by short bleached sericite (Sb) transi		W.Av.	0	6.1	6.1	1.62	PbZn						
		tional interval (=5cm.).													
8.0	25.9	SERICITE PHYLLITE (S). Competent. Foliation F_2 = 15°; F_1 =	16.3		8.0	25.9	17.9								
		45-50°. Drill appears to penetrate sub-parallel to F_2.													
		17.2-19.3: Bleached Sericite Phyllite (Sb). Silvery white													
		with minor chlorite flakes. Soft core. Folia-													
		tion = 15°.													
		19.3-20.0: Wide Po bands with quartz inclusions, trace PbZn													
		(=1%). First contact broken ground, second con-													
		tact = 75°.													
		21-21.7: Bleached Phyllite (Sb). Soft core. Buff to													
		silvery white. Foliation = 15-20°.													
		21.4: Shear. Contacts gradual.													

GED BY _____ D.D.H. NO 76-U-163 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		25.9: Introduction of Calcite. Rx becoming Calcitic Seri-													
		cite Phyllite (SK).													
25.9	38.1	CALCITIC SERICITE PHYLLITE (SK). Competent. Foliation = 10-	12.0		25.9	38.1	12.2								
		15° (F_2); calcite as short discontinuous stringers perpendi-													
		cular to F_2 (could be F_1). Series of long ellipsoidal fold													
		nose closures.													
		38.1: Introduction of Graphitic constituents. Rx becoming													
		Graphitic Sericite Phyllite (SG).													
38.1	57.0	GRAPHITIC SERICITE PHYLLITE (SG). Competent. Foliation = 0-	17.8		38.1	57.0	18.9								
		10° (F_2); F_2 = 90°. Series of ellipsoidal F_1 noses. F_2 is													
		apparently wavy plane. Small slips displacing the laminae													
		1-2cm. @ 60° plane.													
		57.0: Gradual change to Sericite Phyllite(S).													
57.0	60.5	SERICITE PHYLLITE (S). Competent. Gray colour. Trace cal-	3.5		57.0	60.5	3.5								
		cite in groundmass. Foliation = 15° (F_2).													
		60.5: Sharp contact with Massive Sulfide (M). Contact is a													
		slip plane with slickenside along dip direction = 30°.													

GGED BY _____ D.D.H. Nº 76-U-163 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
60.5	63.1	MASSIVE SULFIDE (M) WITH BARITE-IN-GROUNDMASS VARIETY 60 9 (Mb). Competent. Faint compositional banding Py/Sph-Pb/Ba =50°. Short runs of porous variety (MV) = 10cm. in the barite rich intervals. 61-62.5: Barite rich = 20%. 63.1: Abrupt change to Graphitic Phyllite. Contact marked by 40cm long bull quartz interval. Plane = 70°.	2.6	004B	60.5	63.1	2.6	4.75	8.64	77.83					
63.1	73.0	GRAPHITIC PHYLLITE (G). Broken, flakey to gougy core. Foliation = 30°. F_1 appears to be parallel to F_2. 64-65.5: Graphite flakes/sand trace of gougy materials; could be FAULT. Low recovery: 0.2/1.5. 65.5-67.1: Gouge. FAULT. Black sticky gouge. 68.6-71.6: Intervals of solid and gougy core. 73.0: Change to Serictie Phyllite (S). Broken ground. (Identification of Rx based on flakes and general difference in colour and streak.)	4.2		63.1	73.0	9.9								
73.0	86.9? 89.6	SERICITE PHYLLITE (S). Varying competency - from soft flakey core to solid competent runs. Foliation = 15-20° (F_2). F_1 = 45°. 73-77.7: Soft flakey core.	16.0		73.0	89.6	16.6								

GGED BY _____ D.D.H. Nº 76-U-163 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		86.4-86.5: Small fault.													
		86.9: Abrupt change to Banded Massive Sulfide (MB) and													
		Sulfide bx (MXsq). Contact broken ground.													
86.9?	96.0	BANDED MASSIVE SULFIDES (MB) WITH SHORT RUN OF SULFIDE 40 5	0.8	005B	86.9	90.1	3.2	2.50	1.90	33.26			1.50	1.14	19.96
		BX (MXsq). Broken, blocky core. Banding = 30-35°; 40 8	1.1	006B	90.1	93.1	3.0	3.95	2.40	39.43			11.85	7.20	118.29
		with narrow bands of bleached sericite. 40 4	2.5	007B	93.1	96.0	2.9	1.73	1.45	24.34					
		89.6-90: Sulfide Bx. Angular sulfide fragments Ø = 1mm-1.5		W.Av.	89.5	93.1	3.6	3.71	2.32	38.4			13.35	8.34	138.25
		cm. cemented by quart and sulfides. Contacts													
		broken ground.													
		94-94.8: Wide bands of Po = 15°.													
		96.0: Abrupt change to Graphitic Phyllite (G). Contact													
		broken ground.													
96.0	110.7	GRAPHITIC PHYLLITE (G). Broken, flakey core. Foliation F_2 =	7.2		96.0	110.7	14.7								
		15-20°; F_1 = 10-15° (oppisite direction F_2 or almost perpen-													
		dicular) @ 96-106.7.													
		Foliation change to F_2 = 0°; F_1 = 90° @ 108.													
		109.7: Shear.													
		110.7: Abrupt change to Bleached Phyllite (Sb) = 40°.													

LOGGED BY _____ D.D.H. NO 76-U-163 PAGE 5

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
110.7	112.1	BLEACHED PHYLLITE (Sb). Broken core, sheared. Buff with	0.2		110.7	112.1	1.4								
		prominent fuchsite spots. Foliation = 50°.													
	112.1	END OF HOLE. Difficult ground. Used mud.													

DDH: FAGU163 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV:1175 592481E : 9047[illegible]ON

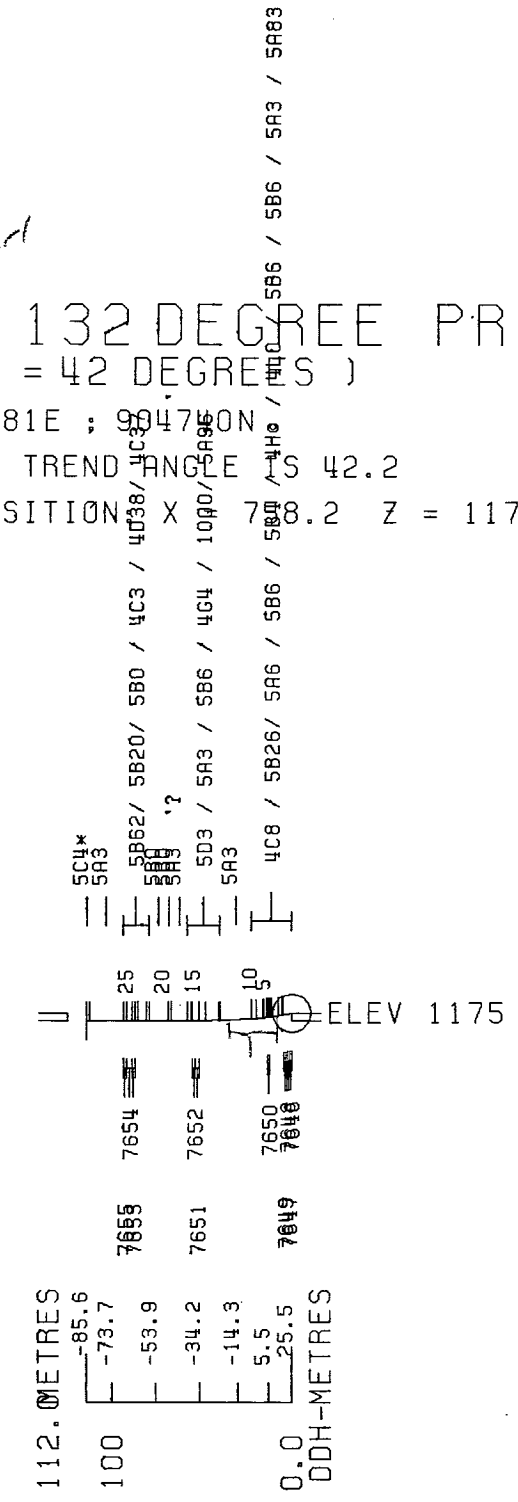
PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION X = 7[illegible]8.2 Z = 1174.9

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 27 NOV 1984 9:51 AM



DDH: FAGU163 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

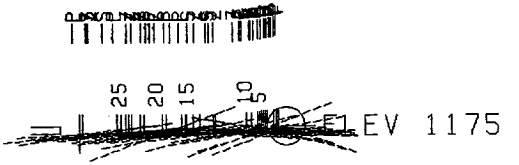
ELEV:1175 592481E ; 904740N

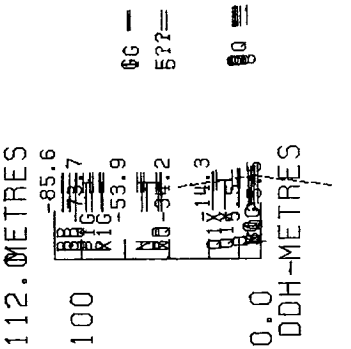
PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 758.2 Z = 1174.9

SECTION NAME: 01N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 27 NOV 1984 10:10 AM





DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU165	7358	.0	2.3	2.3	39	4A34	3.46	.24	3.30	4.90	47.0	1.99	1.72	18.00		8.20	19.72	.60
	7359	2.3	4.4	2.1	86	4A3	3.35	.21	1.48	2.05	24.0	.89	1.76	18.80		3.53	20.56	.58
	7360	4.4	6.1	1.7	100	4C0	3.46	.25	.13	.75	10.0	.69	2.19	22.40		.88	24.59	.85
	7361	6.1	7.6	1.5	93	4C0	3.41	.26	.08	.53	11.0	.55	2.37	21.40		.61	23.77	.87
	7362	7.6	9.5	1.9	95	4C0	3.57	.27	.91	1.40	30.0	1.03	2.15	24.50		2.31	26.65	.61
	7363	18.3	20.7	2.4	79	4E1		.27	.67	.82	27.0					1.49		.55
	7364	20.7	22.9	2.2	95	4E1		.35	.14	.65	31.0					.79		.82
	7365	22.9	25.3	2.4	92	4C3	3.56	.34	.12	1.17	14.0	.62	3.49	20.40		1.29	23.89	.91
	7366	25.3	27.4	2.1	95	4C5	3.62	.22	1.57	1.63	46.0	1.10	1.47	22.70		3.20	24.17	.51
	7367	27.4	30.1	2.7	81	4C3		.51	.12	.72	20.0					.84		.86
	7368	30.1	32.5	2.4	92	4C3		.22	.07	.42	12.0					.49		.86
	7369	32.5	33.1	.6	100	4C0	3.08	1.09	.03	.34	30.0	1.99	4.25	13.30		.37	17.55	.92
	7370	33.1	35.0	1.9	100	4C3	3.64	.51	.07	.53	17.0	.75	4.25	22.10		.60	26.35	.88
	7371	35.0	36.9	1.9	100	4E1	3.99	.43	1.25	2.02	37.0	1.30	4.53	30.80		3.27	35.33	.62
	7372	36.9	39.6	2.7	85	4E1	4.49	.31	1.46	2.60	36.0	1.58	2.32	37.70		4.06	40.02	.64
	7373	39.6	41.7	2.1	95	4E1	4.21	.32	1.00	1.09	31.0	1.78	2.19	36.00		2.09	38.19	.52

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU165	7358	4A34	.69	3.81	7.30	2.71	38.71		46.78	*	.59	1.83	6.56	2.11	27.81		61.10
	7359	4A3	.61	1.71	3.06	2.77	40.43		51.43	*	.51	.80	2.68	2.11	28.35		65.56
	7360	4C0	.72	.15	1.12	3.44	48.17		46.39	*	.62	.07	1.01	2.70	34.75		60.85
	7361	4C0	.75	.09	.79	3.73	46.02		48.62	*	.64	.04	.70	2.89	32.78		62.95
	7362	4C0	.78	1.05	2.09	3.38	52.69		40.01	*	.70	.53	1.96	2.76	39.51		54.56
	7363	4E1	.78	.77	1.22				97.22	*							
	7364	4E1	1.01	.16	.97				97.86	*							
	7365	4C3	.98	.14	1.74	5.49	43.87		47.78	*	.83	.07	1.56	4.26	31.30		61.98
	7366	4C5	.64	1.81	2.43	2.31	48.82		43.99	*	.56	.89	2.23	1.84	35.81		58.68
	7367	4C3	1.47	.14	1.07				97.31	*							
	7368	4C3	.64	.08	.63				98.66	*							
	7369	4C0	3.15	.03	.51	6.68	28.60		61.02	*	2.48	.02	.42	4.80	18.91		73.37
	7370	4C3	1.47	.08	.79	6.68	47.53		43.45	*	1.28	.04	.72	5.32	34.80		57.84
	7371	4E1	1.24	1.44	3.01	7.12	66.24		20.94	*	1.25	.81	3.18	6.55	56.01		32.20
	7372	4E1	.90	1.69	3.88	3.65	81.07		8.82	*	.99	1.04	4.48	3.67	74.99		14.83
	7373	4E1	.92	1.15	1.62	3.44	77.42		15.43	*	.97	.68	1.80	3.31	68.44		24.80

DRILL HOLE : FAGU165
NORTHING : 904,740.3
EASTING : 592,481.2
ELEVATION : 1,174.3
TOTAL DEPTH : 53.3
SECTION : W 64
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 16
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 16
NOS DOWN-H-STRUCTURE: 9
NOS DOWN-H-FAULTS: 9
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU165 UTM-N: 904,740.3 UTM-E: 592,481.2 UTM-ELEV: 1,174.3 TOTAL DEPTH: 53.3 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.3	07358	2.3	.9	4A34	3.46	.24	3.30	4.90	47.00		1.99	1	18	19						
2.3	4.4	07359	2.1	1.8	4A3	3.35	.21	1.48	2.05	24.00		.89	1	18	20						
4.4	6.1	07360	1.7	1.7	4C0	3.46	.25	.13	.75	10.00		.69	2	22	24						
6.1	7.6	07361	1.5	1.4	4C0	3.41	.26	.08	.53	11.00		.55	2	21	23						
7.6	9.5	07362	1.9	1.8	4C0	3.57	.27	.91	1.40	30.00		1.03	2	24	26						
18.3	20.7	07363	2.4	1.9	4E1		.27	.67	.82	27.00											
20.7	22.9	07364	2.2	2.1	4E1		.35	.14	.65	31.00											
22.9	25.3	07365	2.4	2.2	4C3	3.56	.34	.12	1.17	14.00		.62	3	20	23						
25.3	27.4	07366	2.1	2.0	4C5	3.62	.22	1.57	1.63	46.00		1.10	1	22	24						
27.4	30.1	07367	2.7	2.2	4C3		.51	.12	.72	20.00											
30.1	32.5	07368	2.4	2.2	4C3		.22	.07	.42	12.00											
32.5	33.1	07369	.6	.6	4C0	3.08	1.09	.03	.34	30.00		1.99	4	13	17						
33.1	35.0	07370	1.9	1.9	4C3	3.64	.51	.07	.53	17.00		.75	4	22	26						
35.0	36.9	07371	1.9	1.9	4E1	3.99	.43	1.25	2.02	37.00	33.00	1.30	4	30	35						
36.9	39.6	07372	2.7	2.3	4E1	4.49	.31	1.46	2.60	36.00		1.58	2	37	40						
39.6	41.7	07373	2.1	2.0	4E1	4.21	.32	1.00	1.09	31.00		1.78	2	36	38						
WEIGHTED AVERAGE																					
.0	9.5		9.5	7.6		3.44	.24	1.34	2.13	26.21		1.09	2	20	22						
18.3	41.7		23.4	21.3		2.28	.36	.62	1.15	26.87	2.67	.72	1	16	18						

DDH: FAGU165 UTM-N: 904,740.3 UTM-E: 592,481.2 UTM-ELEV: 1,174.3 TOTAL DEPTH: 53.3 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	128.600	226.100

DDH: FAGU165 UTM-N: 904,740.3 UTM-E: 592,481.2 UTM-ELEV: 1,174.3 TOTAL DEPTH: 53.3 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.4	0C01	4A3	&4 (4E1 BXA) 95:05	0.5-	1
9.5	0C02	4CC	& SER	0.5-	1
18.3	0C03	5B61	&C? -> 5B64	0.5-	1
22.9	0C04	4E1		0.5-	1
25.3	0C05	4C3	&9 &8 & SER. [4CC]	0.5-	1
27.4	0C06	4C5	[4CO (4AO)]	0.5-	1
32.5	0C07	4C3	-> 4E1 &9 &8 & SER. [4CO]	0.5-	1
33.1	0C08	4CC	? BXA	0.5-	1
35.0	0C09	4C3	&8 (4EO) 9C:1C [4CO]	0.5-	1
41.7	0C10	4E1	(4CO) (4E# POROUS) MINOR	0.5-	1
45.6	0C11	5B6	?	0.5-	1
46.5	0C12	5B61	&C?	0.5-	1
47.2	0C13	5B6	?	0.5-	1
50.3	0C14	5B61	&C ?	0.5-	1
51.2	0C15	5B6	?	0.5-	1
53.3	0C16	5B61	&C? THIS AND ABOVE = $?	0.5-	1

DDH: FAGU165 UTM-N: 904,740.3 UTM-E: 592,481.2 UTM-ELEV: 1,174.3 TOTAL DEPTH: 53.3 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU165	0.0	5.5	PS2	C	0	0	C	19	230	C	1	1	1
FAGU165	0.0	9.7	CS2	C	0	0	C	40	230	C	1	1	1
FAGU165	0.0	14.0	CS2	0	0	0	C	40	230	C	1	1	1
FAGU165	0.0	21.0	PS2	0	0	0	C	20	230	0	1	1	1
FAGU165	0.0	26.3	PS2	0	0	0	0	40	230	0	1	1	1
FAGU165	0.0	32.0	PS2	C	0	0	C	5	230	C	1	1	1
FAGU165	0.0	34.7	PS2	0	0	0	C	40	230	C	1	1	1
FAGU165	0.0	41.7	PS2	0	0	0	0	40	230	0	1	1	1
FAGU165	0.0	51.8	PS2	0	0	0	C	5	230	C	1	1	1

DDH: FAGU165 UTM-N: 904,74C.3 UTM-E: 592,481.2 UTM-ELEV: 1,174.3 TOTAL DEPTH: 53.3 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU165	0.1	2.5	R??		0	0	C	C	0	0	1
FAGU165	3.5	3.7	D		C	0	C	C	0	0	1
FAGU165	0.C	18.3	R		0	0	C	C	0	0	1
FAGU165	32.5	33.1	D?X		C	0	C	C	0	0	1
FAGU165	36.6	37.0	R		C	0	C	C	0	0	1
FAGU165	41.7	45.6	GR		C	0	C	C	0	0	1
FAGU165	46.5	47.2	GP		0	0	C	C	0	0	1
FAGU165	47.2	5C.3	1G		C	0	C	C	0	0	1
FAGU165	50.3	51.2	GP		0	0	99	999	0	0	1

DDH: FAGU165 UTM-N: 904,740.3 UTM-E: 592,481.2 UTM-ELEV: 1,174.3 TOTAL DEPTH: 53.3 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU165	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: 7/20/81

Hole Number: FAGU165

Project: Grum Relog

Location: Vangorda Plateau

Claim:

UTM Terr.Plane Co-ords.: 6904740.3 N

592481.2 E

(conversion of surveyed grid co-ords)

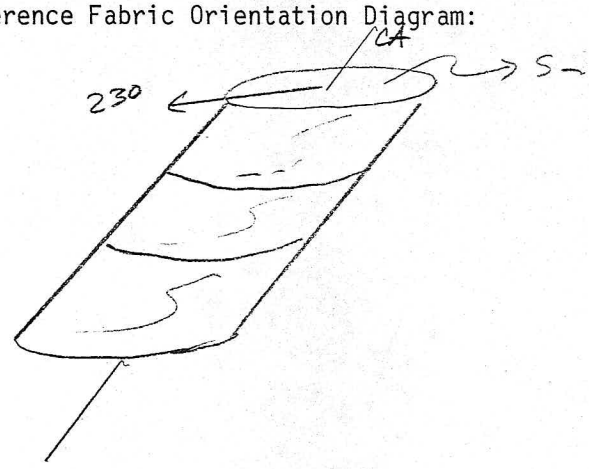
Grid Co-ords: 64W

2N

Elevation: 1174.3

Total Depth: 53.3m

Reference Fabric Orientation Diagram:



All symmetry determinations looking NW with Sz dipping SW with dip azimuth 230°.

Purpose:

Reason hole Terminated:

Logged by: JModene

Date(s) Logged: July 20, 1981

Drilling Contractor:

Size	CORE From	To
BQ	0	53.3

Collar Cased and Capped:

Hole Cemented:

Steel down hole:

Started: 8/31/76 Completed: 9/1/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH FAGU165
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	FAGU165	1174.3	9047401.3	592481.2	METRES

226.1 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 58
R	FAGU165	00	128.6	222A.16	ATCOLLAR
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH F.A.G.U.1.6.5 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: J. Modene

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)	FWCTC
L	00	44		1	4A3	±4 (4E1 bxia 3.5-3.7)	
						core rubbled to 2.5 though described by KA as	
						competent so maybe a splitting artifact	grad
L	44	95		2	4C0	± sericite lower ctc from KA logs	40° toc
	95	183		3	5B61	crenulated w/ abundant white bands + microlithons	
						so it looks like 5B0 but white is mostly siliceous	
						Locally bleached → 4L0 9.5-9.8, 10.5-10.9	rubble
L	183	229		4	4E1	<1% PbZn	grad
L	229	253		5	4C0	±9±8, only locally sericitic 1-2% PbZn	grad
L	253	274		6	4C5	[4C0(4A)] v. minor graphite stringers every 10cm	
						or so. Slightly more PbZn visible 2-3%	grad
L	274	325		7	4C0	locally 4E1, locally sericitic ±9±8	10° toc
L	325	331		8	4C0	? Bxia? of siliceous frags + coarsely xline py	
						in stp ctc w/ 4C0	brok
L	331	350		9	4C0	(4E0 intbd ~20cm @ 34.4)	
						minor mgt ±8 esp @ f.w., minor cpy ±9	lost
L	350	417		10	4E1	(4C0 @ 35.8) (4E* porous nc @ 37.2, 38.9	
						Rubble 36.6-37.0 possibly just the start of the run	//Sz
L	417	456		11	5B6?	gouge //Sz (gouge + chipped core)	silicon
L	456	465		12	5B61	as #3 stp foliation	same lithology
L	465	472	0.3	13	5B6?	gouge + poor rec'vy	Breaks to
L	472	503		14	5B61	w/ minor gouge	show faults
L	503	512	0.4	15	5B6?	gouge + poor rec'vy //Sz	
L	512	533		16	5B61		
						EOH @ 53.3	

DDH FAGU165 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Page 4 of 5

Date: _____ Logged By: J. Modene

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		55	PS2				19 230	sfds
S		97	CS2				40 230	phyllite
S		140	CS2				40 230	
S		210	PS2				20 230	banding in sfds
S		263	PS2				40 230	in 4A
S		320	PS2				05 230	banding in sfds
S		347	PS2				40 230	" "
S		417	PS2				40 230	cte // S_2
S		518	PS2				05 230	not all the S_2's through
								these gouge zones are
								as steep as this

DDH FAGU1655 Cyprus Anvil Mining Corp

Page 5 of 5

Logged by JModene

ASSAY LOG (SAMPLER'S COPY) Date 7/20/81 Sampled by

	CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
	1	10 14	16 20	22 26	28 30	32 34	36 40	42	
#1	P	000	023	73558	23	09	4A31	±4	#1
	P	023	044	73559	21	18	4A31	±4	#1
	P	044	061	73610	17	18	4C01	± sericite	#2
	P	061	076	73611	15	14	4C01	± sericite	#2
	P	076	095	73612	19	18	4C10	± sericite	#2
#2	P	183	207	73613	16	19	4E11		#4
	P	207	229	73614	22	21	4E11		#4
	P	229	253	73615	24	22	4C01	±9 ±8	#5
	P	253	274	73616	21	20	4C15		#6
	P	274	301	73617	27	22	4C01	±9 ±8 locally sericitic (4E1)	#7
	P	301	325	73618	24	22	4C10	"	#7
	P	325	331	73619	06	07	4C10	boria	#8
	P	331	350	73710	19	19	4C0	±8 ±9 (4E1)	#9
	P	350	369	73711	19	20	4E11	(4C0) (4E* cc porous)	#10
	P	369	396	73712	27	23	4E11		#10
	P	396	417	73713	21	20	4E11		#10

DDH EAGU165 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	35	37	D					
F	01	25	R???					
F		183	R					
F	325	331	D?X					
F	366	370	R					
F	417	456	GR					
F	469	472	GP					
F	472	503	1G					
F	503	512	GP			99 9999		

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO D.D.H. Nº 76-U-165 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 2N STARTED AUGUST 31, 1976

DEPARTURE 64W COMPLETED SEPTEMBER 1, 1976

ELEVATION PROPOSED DEPTH 175' - 53.3m

ULTIMATE DEPTH 175' - 53.3m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224°	-41°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 88%

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	9.5	QUARTZ-SULFIDE (P). Competent. Foliation = 0-15°. 40 7	1.8	008B	0	3.0	3.0	2.85	3.59	31.20					
		Sulfides confined in this foliation - probably F (?) 35 6	2.9	009B	3.0	6.1	3.0	0.75	1.15	9.94			1.90	PbZn	
		2.0: Ellipsoidal fold nose closure with Graphitic 35 4	1.4	010B	6.1	7.6	1.5	0.10	0.70	7.20			0.80	PbZn	
		Phyllite core. 30 3	1.5	011B	7.6	9.5	1.9	0.85	1.55	25.37					
		3.5-3.7: Sulfide Bx (MXq-s). Sub-rounded, 1m-1cm sulfides													
		cemented by quartz and fine grained sulfides.		W.Av.	3.0	7.6	4.6	1.53	PbZn						
		9.5: Sharp clean contact with Bleached Phyllite (Sb) = 40°.													
9.5	11.0	BLEACHED SERICITE PHYLLITE (Sb). Soft, fissile. Buff with	1.2		9.5	11.0	1.5								
		silvery white interval. Foliation = 30-35°.													
		11.0: Gradual change to Dark Sericite Phyllite (S).													
11.0	18.2	DARK SERICITE PHYLLITE. Fissile, easily breaks into flakes.													
		Foliation = 0-15°; F = 75°.	6.8		11.0	18.2	7.2								
		18.3: Shear. Contact with Massive Sulfide.													
18.2	41.6	MASSIVE SULFIDE (M). Blocky core from gravel size to 4cm.													

LOGGED BY _____ D.D.H. NO 76-U-165 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		long. Very pyritic. Py in clustered aggregates and/or													
		closely spaced Py crystals. Groundmass partly made up of													
		amorphous silica. Po and Mgtt blebs widely distribu- 70 5	2.8	012B	18.2	21.3	3.1	0.73	0.78	23.31			1.51	PbZn	
		ted @ 22.9-24.4 60 3	2.7	013B	21.3	24.4	3.1	0.13	1.13	12.00			1.26	PbZn	
		25.9-27.4: Interval with narrow quartz-graphite 60 4	3.0	014B	24.4	27.4	3.0	1.15	1.30	25.37			2.45	PbZn	
		band (1cm. wide). Banding = 55-60°. 60 3	2.5	015B	27.4	30.5	3.1	0.08	0.70	13.03			0.78	PbZn	
		Barite prisms in cavity walls @ 18.4-26. 60 3	2.8	016B	30.5	33.5	3.0	0.03	0.48	10.97			0.51	PbZn	
		38.1-39.0: Porous variety. Voids = 25°. 50 5	2.8	017B	33.5	36.6	3.1	0.25	0.75	10.97			1.00	PbZn	
		41.6: Sharp clean contact with Graphitic Phyllite (G) 70 6	1.3	018B	36.6	38.1	1.5	2.23	2.95	38.40			3.35	4.43	48.35
		= 40°. 70 4	1.2	019B	38.1	39.6	1.5	1.83	2.23	32.23			2.75	3.35	48.35
41.6	53.3	GRAPHITIC PHYLLITE. Fissile, flakey to soft core. 75 4	2.0	020B	39.6	41.6	2.0	1.10	0.98	24.34					
		Foliation = 15-20°; series of ellipsoidal fold noses f (?)	10.3		41.6	53.3	11.7								
		45.7: FAULT. 10cm. of dark sticky gouge.		W.Av.	18.2	36.6	18.4	1.25	PbZn						
		47.0-47.3: Shear. Slip plane = 20°.		W.Av.	36.6	39.6	3.0	2.03	2.59	35.32			6.10	7.78	105.95
		50.3-50.5: Shear. Slip plane = 25°.													
	53.3	END OF HOLE.													

DDH: EAGU165 - 132 DEGREE PROFILE

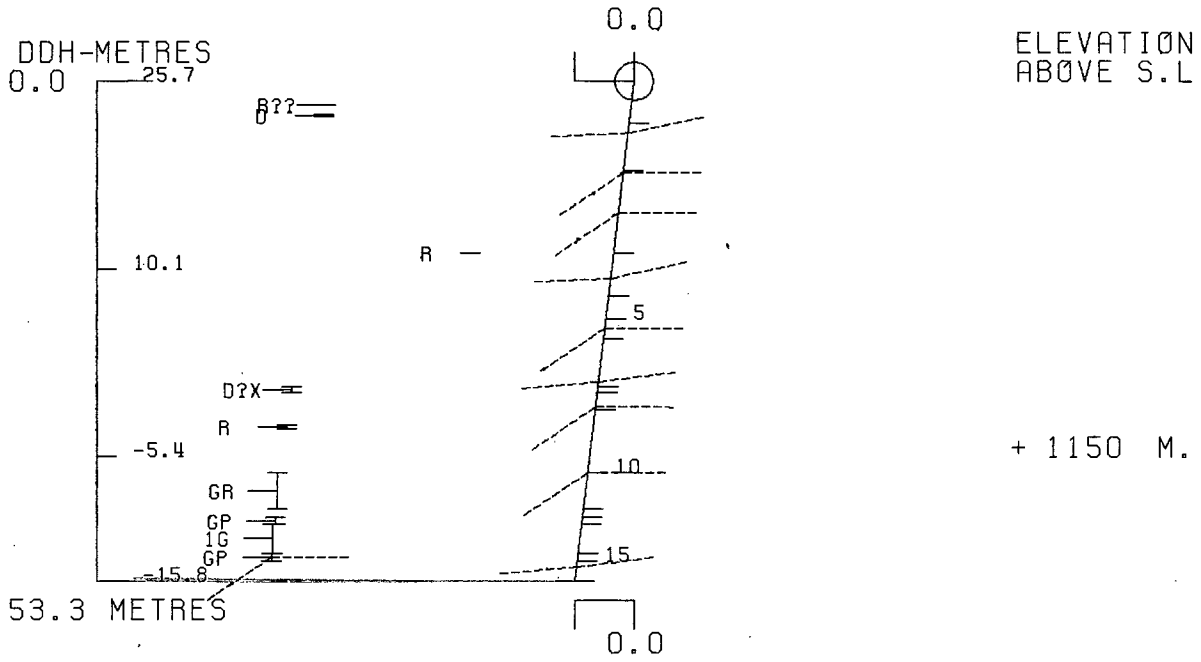
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1174 592481E ; 904740N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 758.0 Z = 1174.3

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH161 27 NOV 1984 10:09 AM

DDH: EAGU165 -- 132 DEGREE PROFILE

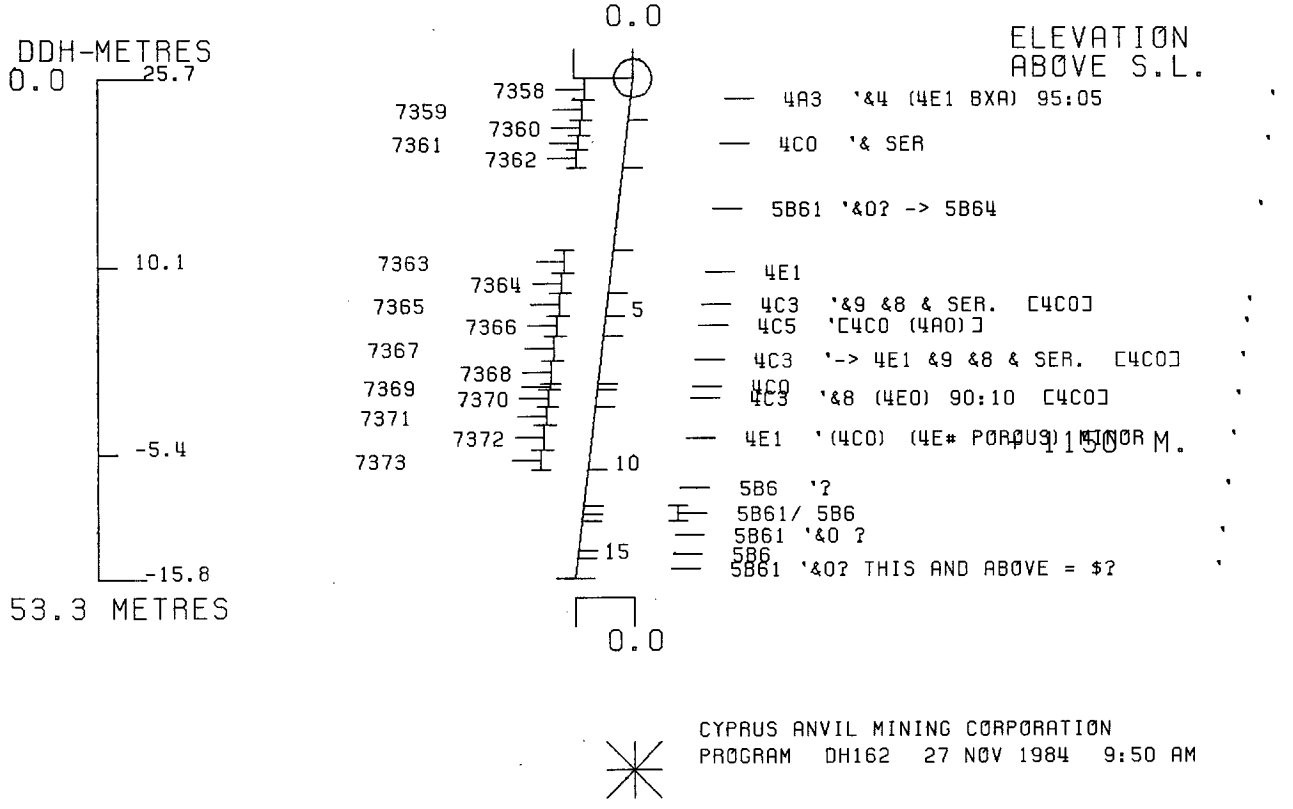
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1174 592481E ; 904740N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 758.0 Z = 1174.3

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH162 27 NOV 1984 9:50 AM

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU167	7343	.9	1.8	.9	100	4CE		.25	.21	.75	9.0					.96		.78
	7344	1.8	4.0	2.2	86	4CE	3.54	.28	.28	1.03	19.0	.96	2.68	19.60		1.31	22.28	.79
	7345	4.0	6.1	2.1	100	4CE	3.61	.28	1.37	2.30	33.0	1.99	2.98	19.60		3.67	22.58	.63
	7346	11.6	12.8	1.2	100	4H14	3.50	.26	5.10	6.00	84.0	1.51	9.50	9.25		11.10	18.75	.54
	7347	32.2	34.4	2.2	59	4G4	4.26	.15	5.00	8.60	76.0	.75	.91	21.80		13.60	22.71	.63
	7348	34.4	36.6	2.2	95	4G4	4.83	.12	4.40	6.60	68.0	1.03	.62	27.00		11.00	27.62	.60
	7349	36.6	38.3	1.7	100	4E46	4.71	.14	3.90	4.60	60.0	1.92	.72	37.80		8.50	38.52	.54
	7350	38.3	40.0	1.7	88	4E46	4.57	.20	4.40	6.60	87.0	1.44	.67	28.50		11.00	29.17	.60
	7351	40.0	42.1	2.1	100	4G4	4.54	.11	4.20	7.10	77.0	.96	.51	18.40		11.30	18.91	.63
	7352	42.1	42.6	.5	100	5A16	3.33	.10	2.80	3.80	60.0	.96	.82	10.60		6.60	11.42	.58
	7353	42.6	44.3	1.7	100	4G4	4.51	.13	5.70	10.70	102.0	1.44	1.14	16.10		16.40	17.24	.65
	7354	44.3	45.7	1.4	100	4E46	4.46	.24	5.10	7.20	79.0	1.65	1.78	33.20		12.30	34.98	.59
	7355	45.7	46.2	.5	100	4G4	4.53	.11	8.10	12.70	139.0	1.10	1.37	19.20		20.80	20.57	.61
	7356	46.2	48.1	1.9	79	4E4	4.29	.11	9.00	14.10	149.0	1.58	2.30	23.90		23.10	26.20	.61
	7357	48.1	49.2	1.1	82	4G4	4.26	.24	6.10	12.60	101.0	1.85	1.10	20.10		18.70	21.20	.67

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU167	7343	4CE	.72	.24	1.12				97.92	*							
	7344	4CE	.81	.32	1.54	4.21	42.15		50.97	*	.68	.15	1.35	3.22	29.58		65.03
	7345	4CE	.81	1.58	3.43	4.69	42.15		47.34	*	.69	.76	3.07	3.65	30.19		61.65
	7346	4H14	.75	5.89	8.94	14.94	19.89		49.58	*	.63	2.76	7.86	11.41	13.98		63.36
	7347	4G4	.43	5.77	12.82	1.43	46.88		32.66	*	.40	3.00	12.50	1.21	36.57		46.32
	7348	4G4	.35	5.08	9.84	.98	58.06		25.69	*	.34	2.78	10.09	.87	47.62		38.31
	7349	4E46	.40	4.50	6.86	1.13	81.29		5.81	*	.46	2.86	8.15	1.17	77.31		10.05
	735C	4E46	.58	5.08	9.84	1.05	61.29		22.16	*	.58	2.84	10.33	.96	51.46		33.83
	7351	4G4	.32	4.85	10.58	.80	39.57		43.88	*	.28	2.36	9.65	.64	28.87		58.20
	7352	5A16	.29	3.23	5.67	1.29	22.80		66.73	*	.22	1.39	4.57	.90	14.70		78.22
	7353	4G4	.38	6.58	15.95	1.79	34.62		40.67	*	.33	3.24	14.74	1.44	25.59		54.66
	7354	4E46	.69	5.89	10.73	2.80	71.40		8.49	*	.76	3.63	12.42	2.82	66.08		14.28
	7355	4G4	.32	9.35	18.93	2.15	41.29		27.95	*	.30	5.00	18.97	1.88	33.10		40.74
	7356	4E4	.32	10.39	21.02	3.62	51.40		13.25	*	.33	6.13	23.25	3.48	45.48		21.32
	7357	4G4	.69	7.04	18.78	1.73	43.23		28.52	*	.66	3.73	18.64	1.49	34.31		41.17

DRILL HOLE : FAGU167

NORTHING : 904,740.3

EASTING : 592,481.4

ELEVATION : 1,176.9

TOTAL DEPTH : 61.8

SECTION : W 64

R.F.E. : S2

RFE DIRECTION: 230

PLUNGE ANGLE : 11

PLUNGE DIRECT: 312

DHD CALC: 1

SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 15

NOS DOWN-H-SURVEYS: 1

NOS DOWN-H-LITHOLOGY: 35

NOS DOWN-H-STRUCTURE: 11

NOS DOWN-H-FAULTS: 11

NOS DOWN-H-SPLINES: 1

NOS COMPOSITES: 0

DDH: FAGU167 UTM-N: 904,740.3 UTM-E: 592,481.4 UTM-ELEV: 1,176.9 TOTAL DEPTH: 61.8 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.9	1.8	07343	.9	.9	4CE		.25	.21	.75	9.00											
1.8	4.0	07344	2.2	1.9	4CE	3.54	.28	.28	1.03	19.00		.96	2	19	22						
4.0	6.1	07345	2.1	2.1	4CE	3.61	.28	1.37	2.30	33.00		1.99	2	19	22						
11.6	12.8	07346	1.2	1.2	4H14	3.50	.26	5.10	6.00	84.00		1.51	9	9	18						
32.2	34.4	07347	2.2	1.3	4G4	4.26	.15	5.00	8.60	76.00		.75		21	22						
34.4	36.6	07348	2.2	2.1	4G4	4.83	.12	4.40	6.60	68.00		1.03		27	27						
36.6	38.3	07349	1.7	1.7	4E46	4.71	.14	3.90	4.60	60.00		1.92		37	38						
38.3	40.0	07350	1.7	1.5	4E46	4.57	.20	4.40	6.60	87.00		1.44		28	29						
40.0	42.1	07351	2.1	2.1	4G4	4.54	.11	4.20	7.10	77.00		.96		18	18						
42.1	42.6	07352	.5	.5	5A16	3.33	.10	2.80	3.80	60.00		.96		10	11						
42.6	44.3	07353	1.7	1.7	4G4	4.51	.13	5.70	10.70	102.00		1.44	1	16	17						
44.3	45.7	07354	1.4	1.4	4E46	4.46	.24	5.10	7.20	79.00		1.65	1	33	34						
45.7	46.2	07355	.5	.5	4G4	4.53	.11	8.10	12.70	139.00		1.10	1	19	20						
46.2	48.1	07356	1.9	1.5	4E4	4.29	.11	9.00	14.10	149.00	133.00	1.58	2	23	26						
48.1	49.2	07357	1.1	.9	4G4	4.26	.24	6.10	12.60	101.00		1.85	1	20	21						
WEIGHTED AVERAGE																					
.9	6.1		5.2	4.9		2.95	.27	.70	1.49	22.92		1.20	2	16	18						
11.6	12.8		1.2	1.2		3.50	.26	5.10	6.00	84.00		1.51	9	9	18						
32.2	49.2		17.0	15.2		4.46	.14	5.27	8.50	88.59	14.86	1.32	1	24	25						

DDH: FAGU167 UTM-N: 904,740.3 UTM-E: 592,481.4 UTM-ELEV: 1,176.9 TOTAL DEPTH: 61.8 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	47.100	224.400

DDH: FAGU107 UTM-N: 904,740.3 UTM-E: 592,481.4 UTM-ELEV: 1,176.9 TOTAL DEPTH: 61.8 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
0.9	0001	#		0.5-	1
1.8	0002	4CE	BXA	0.5-	1
6.1	0003	4C0	&5 & SER. (4E1) (4DC)	0.5-	1
7.3	0004	3GC		0.5-	1
9.5	0005	5B20	[5A0] (5B26)	0.5-	1
10.7	0006	4LC	(5B46) [3G STR?]	0.5-	1
11.2	0007	5B6		0.5-	1
11.6	0008	4L1		0.5-	1
12.8	0009	4H14	(4DO SER) (4A4 PHYLL)	0.5-	1
13.2	0010	3GC		0.5-	1
14.0	0011	5A1		0.5-	1
14.7	0012	3GC		0.5-	1
15.4	0013	4LC	&1 (4H1 &$ & SER.)	0.5-	1
21.1	0014	3GC9	&8 (3G4$) MINOR	0.5-	1
22.5	0015	5D4$		0.5-	1
24.0	0016	5B62	(5D6)	0.5-	1
25.9	0017	3GC	&9 (3G4)	0.5-	1
27.4	0018	5D6$		0.5-	1
28.4	0019	5B46	(4LO) (5A6)	0.5-	1
30.8	0020	3GC	&9	0.5-	1
32.2	0021	5A6	&1	0.5-	1
36.6	0022	4G4	(4E46)	0.5-	1
40.0	0023	4E4	&6 (4G4)	0.5-	1
42.1	0024	4G4	(4E46)	0.5-	1
42.6	0025	5A16	(10QO)	0.5-	1
43.6	0026	4G4		0.5-	1
44.3	0027	4G4	(4E846)	0.5-	1
45.7	0028	4E4	&6 &7 &5	0.5-	1
46.2	0029	4G4	(4J6)	0.5-	1
48.1	0030	4E4	&5 (5C4*) MINOR	0.5-	1
49.2	0031	4G4	(4L14) MINOR	0.5-	1
49.5	0032	5B6		0.5-	1
55.7	0033	5A3		0.5-	1
56.4	0034	5B6		0.5-	1
61.8	0035	5A3	[5B20]	0.5-	1

DDH: FAGU167 UTM-N: 904,740.3 UTM-E: 592,481.4 UTM-ELEV: 1,176.9 TOTAL DEPTH: 61.8 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU167	0.0	1.5	CS2		0	0	0	0	64	230	0	1	1	1
FAGU167	0.0	7.6	CS2	M	0	0	0	0	53	230	0	1	1	1
FAGU167	0.0	13.7	CS2	R	0	0	0	0	83	230	0	1	1	1
FAGU167	0.0	19.5	CS2	R	0	0	0	0	70	230	0	1	1	1
FAGU167	0.0	25.0	CS2	S	0	0	0	0	76	230	0	1	1	1
FAGU167	0.0	31.5	CS2	S	0	0	0	0	54	230	0	1	1	1
FAGU167	0.0	37.0	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGU167	0.0	43.0	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU167	0.0	48.5	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU167	0.0	54.8	CS2	M	0	0	0	0	55	230	0	1	1	1
FAGU167	0.0	61.8	CS2	M	0	0	0	0	55	230	0	1	1	1

DDH: FAGU167 UTM-N: 904,740.3 UTM-E: 592,481.4 UTM-ELEV: 1,176.9 TOTAL DEPTH: 61.8 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU167	0.1	0.9	N		0	0	0	0	0	0	1
FAGU167	0.9	1.8	X		0	0	0	0	0	0	1
FAGU167	3.1	7.3	T		0	0	0	0	0	0	1
FAGU167	0.0	11.6	1G		0	0	99	999	0	0	1
FAGU167	0.0	13.2	G		0	0	0	0	0	0	1
FAGU167	0.0	28.4	1G		0	0	0	0	0	0	1
FAGU167	30.8	31.0	G		0	0	0	0	0	0	1
FAGU167	0.0	48.1	R		0	0	0	0	0	0	1
FAGU167	49.2	49.5	3G		0	0	99	999	0	0	1
FAGU167	52.8	53.0	D?		0	0	0	0	0	0	1
FAGU167	59.0	59.4	RG		0	0	0	0	0	0	1

DDH: FAGU167 UTM-N: 9C4,74C.3 UTM-E: 592,481.4 UTM-ELEV: 1,176.9 TOTAL DEPTH: 61.8 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU167	1	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 11:06:03

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU167

Project: Grum Relog

Location: Vangorda Plateau 64W

Claim:

~~UTM~~ Terr. Plane Co-ords.: 6904740.3 N

592481.4 E

Conversion of K-A surveyed grid co-ords

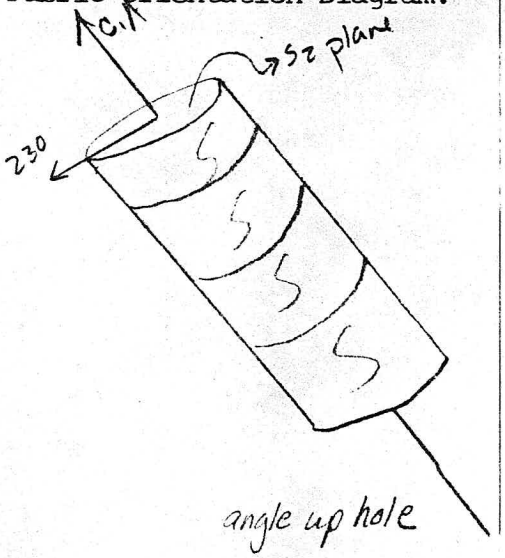
Grid Co-ords.: 64W

ZN

Elevation: 1176.9

Total Depth: 61.8m

Fabric Orientation Diagram:



All ~~symmetry~~ determinations looking

NW with Sz dipping

SW with dip azimuth 230.

Purpose: DEFINITION - GRUM DEPOSIT.

Logged by: GAG Date(s) Logged: July 20-21, 1981

Drilling Contractor: CAMERON McCUTCHEON Core:

Size	From	To
BQ	0	61.8

Collar Cased and Capped:

Started: 9/1/76 Completed: 9/2/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH ~~FAG.U.1.67~~ 2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	~~FAG~~U1167	1176.9	9047401.3	592481.4	METRIC

224.4 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	~~FAG~~U167	00	47.1	222.9	ATCOLLAR
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

Code	Drillhole	Comments, Errant Remarks, Snivellings and/or Lewd Suggestions
1	2 8	10 147

DDH FAGU167 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 21 July/81 Logged By: GG

UNITS = METRES.

Code	From	To	Recov.	No.	Unit	Description	H/W CNT TYPE	4
1	10–14	16–20	22–24	26–28	30–34	35		
						* Note - THIS HOLE DRILLED		
						UPWARD FROM MINE DRIFT;		
L	00	09		001	*	No RECOVERY;	—	
L	09	18		2	4C0	BRECCIA - 4E0 + 4C0 CLASTS	~	S_2
						IN CLOSED QZ-HEALED		
						MATRIX; - ROTATED FRAGS.		
L	18	61		3	4C0	± (minor 5, SER)	PROB	$\parallel S_2$
						+ (minor 4E1)		
						+ (minor 4D0 TOWARD H/W)		
L	61	73		4	3G2	WELL PARTED ALONG S_2.		$\parallel S_2$
						INTO <0.5 cm POKOR CHIPS;		
L	73	95		5	5A6	- SLIGHTLY CALL THROUGHOUT;	GRADES 20 cm	$\parallel S_2$
						LOW CARBON;		
						+ (5B26)		
L	95	107		6	4L0	+ (5B46) - 3% VARIABLY		$\parallel S_2$
						ORIENTED ANK-SIDERITE VEINLETS		
L	107	112		7	5B6	SERICITIC + ANK-SIDERITE VNLETS;		
L	112	116		8	4L1	ANK-SIDERITE VNLETS;	PROB	$\parallel S_2$
L	116	128		9	4H14	+ (4D0 I SERICITE + 4)	3 cm GOUGE	
						+ (4A4 - PHYL + C PATCHINGS)	$\parallel S_2$	
						+ (4D4 - SERICITIC @ 11.6-12.1 cm)		
						- N.B. - SMALL BLACK SPOTS →		
						JANT'S MARKER?		
L	128	132		10	3G2	FINE GRAINED	COARSE ROBBLE	PROB $\parallel S_2$
						+ (10% 0.5-2 cm LONG QZ LENSES		
						$\parallel S_2$)		
L	132	140		11	5A1	+ (4A1 - NO SULPHIDE - C + PHYL	10 cm GOUGE	
						PARTINGS)		
L	140	147		12	3G2			
L	147	154		13	4L0	I1 + (4H1 I SER ± * DOLO (minor) * -	$S_2 = 38°$	34/0.50 SHARP
						@ 30 cm H/W)		
L	154	211		14	3G29	± (minor 8)	GRADES 20 cm	
						+ (minor 3G * + DOLO - LT BEIGE @ 15.7 m)		
L	211	225		15	5D46	+ (* - DOLO CAMS @ 0.4 m F/W)	SHARP	$\parallel S_2$
						NOTE CHARACTER OF CNTS;		

DDH EA84167

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 21 July/81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	H/W CNT TYPE	H/W CNT %
	10 14	16 20	22 24	26 28	30 34	35		
L	219.5	240		16	5B62	+(5DG)		115₂
L	240	259		17	3G92	+(3G42) ±9;	1cm QZ VN 115₂	
L	259	274		18	5D*	± ANK-DOLO + SER-CHLORITE LAMS	GRADES 10cm.	115₂
						+(5D16 ±9 = PØ) → [5F16]		
L	274	284		19	5B46	+(4L0) + (5A6)		115₂
L	284	308		20	3G92	±9;	2cm GOUGE 115₂	
L	308	322		21	5A61	±1	20cm GOUGE	
L	322	366		22	4G4	ORANGE SPHAL + 40% BARITE;		115₂
						+(4E64) + (minor ANK CLOTS)		
L	366	410		23	4E41	±6 - HONEY & ORANGE SPHAG; +Py @	SLICKENSIDES 270/60	115₂
						+(minor 464) + (minor ANK CLOTS)	+55* - 36m @ 39.4m - 15%	
L	410	421		24	4G41	HONEY SPHAL - 40-80% BARITE;	20cm QZ. VN. BX	115₂
						+(4E64)		
L	421	426		25	5A16	UNIT = 50% QZ VN;		115₂
L	426	436		26	4G41	HONEY SPHAL 40% BARITE;		115₂
L	436	443		27	4G41	+(4E864 @ 20cm FAN) HONEY + RED SPHAL 30% BARITE;		115₂
L	443	457		28	4E41	±6 ±7 ±5	PROB	115₂
L	457	462		29	4G41	+(4J6) - HONEY SPHAG;	PROB	115₂
						+(4E4 - POROUS @ H/W 10cm)		
L	462	481		30	4E41	±5; HIGH GRADE; DK RED SPHAL;		115₂
						+(5C* - ANK - 15% FLUX @		
						46.4-46.5m)		
L	481	492		31	4G41	HONEY SPHAL + 30% BARITE;	COARSE ROBBLE	PROB 115₂
						+(4L19 @ H/W 10cm - ALL		
						AS COARSE RUBBLE)		
L	492	495		32	5B61	±1 - SERICITIC - UNIT =		115₂
						90% TROUGE 115₂		
L	495	557		33	5A31	HIGH CARBON;		115₂
						52.8-53.0 = FOLD BRECCIA		
						WITH 5% DK RED SPHAL-		
						NO SIGNIF. MOVEMENT;		
						TRACE SULPHIDE = Py ± Pb;		
L	557	564		34	5B61		GRADES 20cm	115₂
L	564	618		35	5A31	LOW CARBON;		
						59.0-59.4m = COARSE RUBBLE		
						+ GOUGE;		
						END OF HOLE @ 61.8m		

DDH FAGU167 (2–8)

UNITS = METRES.

Cyprus Anvil Mining Corp.

Structural Log

Date: 21 July/81 Logged By: GG

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip Direct. (28–32)	S_1 Dip Direct. (34–38)	S_2 Dip Direct (40–44)	Description
S		15	CS2				64 230	S-BANDING IN UNBRECCIATED ZONE;
S		76	CS2	M			53	REVERSING S/Z
S		137	CS2	R			83	
S		195	CS2	R			70	R+m → REVERSING S/Z WHERE DISCERNABLE;
S		250	CS2	S			76	
S		315	CS2	S			54	F_4 @ 33/180°
$								GOUGE CWT?
S		370					75	S-BANDS.
S		430					70	"
S		485					70	"
$		492					73	GOUGE // S_2
S		548		M			55	-
S		618		M			55	
$		590						GOUGE. CWT?
								END OF HOLE @ 61.8m

DDH FAGU167 Cyprus Anvil Mining Corp

Page 6 of 6

Logged by GG

ASSAY LOG (SAMPLER'S COPY)

Date 22 July/81 Sampled by

UNITS = METRES.

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	09	18	7343	09	10	4C0	BRECCIA.
P	18	40	7344	22	19	4C0	
P	40	61	7345	21	23	4C0	
P	116	128	7346	12	13	4H14	+(4D4)
P	322	344	7347	22	13	4G4	+(4E64)
P	344	366	7348	22	21	4G4	+(4E64)
P	366	383	7349	17	18	4E4	±6
P	383	400	7350	17	15	4E4	±6
P	400	421	7351	21	23	4G4	+(4E64)
P	421	426	7352	05	05	5A16	+ QZ VEIN (50%)
P	426	443	7353	17	17	4G4	+(4G864)
P	443	457	7354	14	16	4E4	±6 ±7 ±5
P	457	462	7355	05	05	4G4	+(4J6) +(4E4-POROUS)
P	462	481	7356	19	15	4E4	±5 +(5C*)
P	481	492	7357	11	09	4G4	
							END OF HOLE @ 61.8m

DDH FAGU167 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	001	009	M					
F	009	018	X					
F	031	073	T					
F		116	IG			999999		
F		132	G					
F		284	IG					
F	308	310	G					
F		481	R					
F	492	495	3G			999999		
F	528	530	D?					
F	590	594	RG					

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO D.D.H. Nº 76-U-167 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 2N STARTED SEPTEMBER 1, 1976

DEPARTURE 64W COMPLETED SEPTEMBER 2, 1976

ELEVATION PROPOSED DEPTH

ULTIMATE DEPTH 203' - 61.8m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224°	+38°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 93%

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	6.1	QUARTZ-SULFIDE (P). Competent. Foliation = 55-65°. 25 3	1.8	4891	0	3.0	3.0	0.15	0.78	7.20					
		0-1.6: Sulfide bx (PXq). Ø = 1mm - 1cm. angular to 30 4	1.4	4892	3.0	4.6	1.6	0.78	1.28	22.29					
		sub-rounded sulfides cemented by quartz. 30 4	1.5	4893	4.6	6.1	1.5	1.63	2.68	29.14					
		2.5-3.0: Graphite as thin laminae (PG). Foliation = 70°.													
		6.1: Sharp wavy contact with Graphitic Sericite Phyllite													
		(SG) = 80°.													
6.1	13.7	GRAPHITIC SERICITE PHYLLITE (SG). Very fissile. Core breaks	5.1		6.1	11.6	5.5								
		easily to poker chips/flakes.													
		F = 70-75°; F is perpendicular to F .													
		2 1 2													
		9.5-10: Bleached Sericite Phyllite (Sb). Silvery white with													
		thin buff laminae. Foliation = 80°.													
		11.6-12.7: Quartz-sulfide interval with wide sulfide 45 8	1.0	4894	11.6	12.7	1.1	5.89	7.30	84.69					
		band. Banding = 75° (Po+Mgtt/quartz/Py-Sph-Gal).													
		First contact = 80°; 2nd - broken core - shear.	1.0		12.7	13.7	1.0								
		13.7: Gradual change to Sericite Phyllite (S).													

LOGGED BY _____ D.D.H. NO 76-U-167 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
13.7	21.2	DARK SERICITE PHYLLITE (S). Fissile. Breaks into poker chips. Foliation = 50-55°; F_1 is perpendicular to F_2. 21.2: Gradual change to Chlorite Phyllite Unit (C).	7.0		13.7	21.2	7.5								
21.2	22.5	CHLORITE UNIT WITH TRACE CALCITE (C+K). Competent. Green and white stripes. F_2 = 50°; F_1 = 0-5°. Chlorite marking F_1 folds. 22.5: Sharp contact with Sericite Phyllite with Trace of Graphite (S+G) = 70°.	1.3		21.2	22.5	1.3								
22.5	25.6	SERICITE PHYLLITE WITH TRACE GRAPHITE (S+G). Competent. F_2 = 75-80°; F_1 = 0-5°. 25.6: Gradual change to Bleached Sericite-Chloritic Phyllite (Sbc).	3.0		22.5	25.6	3.1								
25.6	28.0	BLEACHED SERICITE-CHLORITIC (Sbc) PHYLLITE. Competent. Buff with green stripes/spots. F_2 = 65°; F_1 = F_2 @ 25.9. Foldnose closure at 26.1 with sulfides in the core. 28.0: Abrupt change to Dark Sericite Phyllite with trace of Graphite.	2.4		25.6	28.0	2.4								
28.0	32.2	DARK SERICITE PHYLLITE WITH TRACE GRAPHITE (S+G).	4.0		28.0	32.0	4.0								

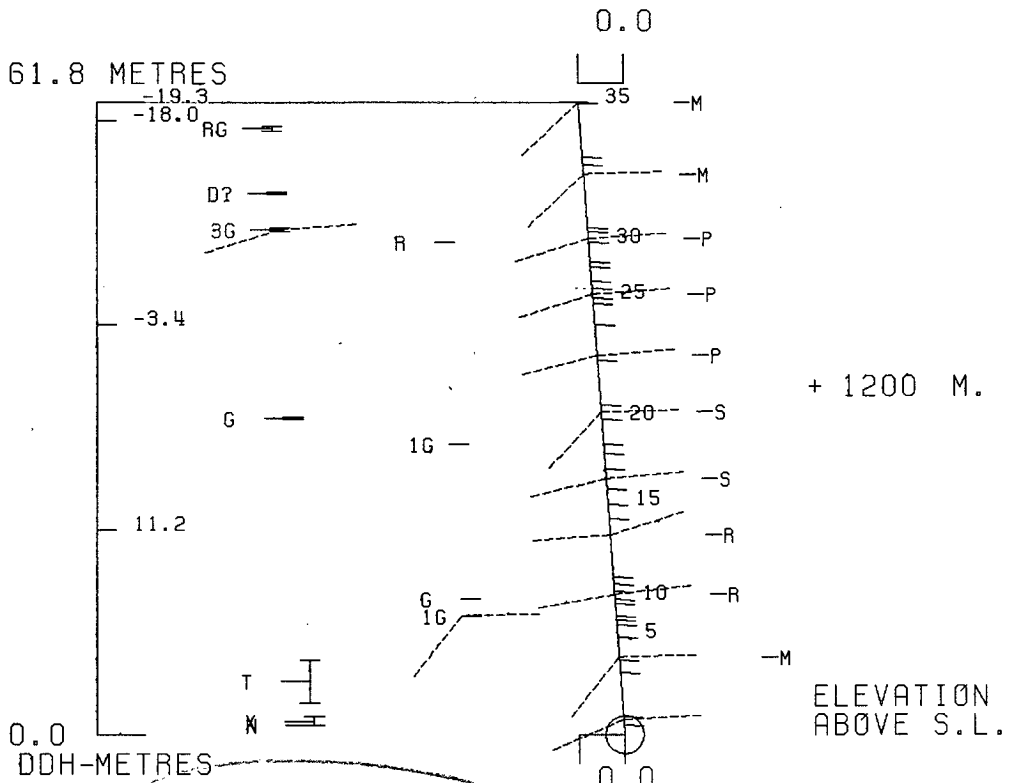
LOGGED BY _____ D.D.H. NO 76-U-167 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		Fissile, breaks easily into blocks/chips. F = 70-75°; F = 5-10°. (2 / 1)													
		32.2: Shear contact with Massive Sulfides (M). Plane = 80°													
32.2	48.8	MASSIVE SULFIDE WITH POROUS, BANDED AND BARITE-IN 60 10	1.4	4895	32.0	33.5	1.5	5.40	9.79	73.71			8.10	14.69	110.57
		GROUNDMASS VARIETIES (MV, MB, Mb). Competent. 60 15	1.6	4896	33.5	35.1	1.6	4.73	6.76	68.57			7.57	10.82	109.71
		Compositional banding = 65° @ 33-34; 30° @ 35.1-37; 50 10	1.5	4897	35.1	36.6	1.5	4.65	7.92	68.57			6.98	11.88	102.86
		65-70° @ 39.4-42. Barite in groundmass @ 35.1-36; 60 8	1.5	4898	36.6	38.1	1.5	4.05	4.25	69.60			6.08	6.38	104.4
		39.6-42. 65 12	1.5	4899	38.1	39.6	1.5	4.58	6.41	82.63			6.87	9.62	123.95
		33.6-33.7: Chlorite unit. Contacts both clean and 50 7	1.5	4900	39.6	41.1	1.5	3.80	6.24	66.51			5.70	9.36	99.77
		sharp = 85°. 45 7	1.3	021B	41.1	42.7	1.6	4.30	6.93	73.71			6.88	11.09	117.94
		39.3-39.4: Bleached Phyllite (Sb) with prominent 50 7	1.3	022B	42.7	44.2	1.5	6.00	10.81	87.77			9.00	16.22	131.66
		fuchsite laminae. Foliation = 70°. Con- 70 8	1.4	023B	44.2	45.7	1.5	5.40	6.74	70.63			8.10	10.11	105.95
		tacts clean and sharp = 85°. 65 12	1.2	024B	45.7	47.2	1.5	8.70	13.62	124.1			13.05	20.43	186.18
		42.3-42.6: Graphitic Phyllite unit. Foliation = 45°. 70 12	1.3	025B	47.2	48.8	1.6	7.03	14.77	104.9			11.25	23.63	167.87
		Contacts broken ground.													
		46-46.5: Porous variety. Voids = 75°.		W.Av.	38.1	42.7	4.6	4.23	6.54	74.27			19.45	30.07	341.66
		46.7-46.9: Bleached Phyllite. Buff with prominent fuchsite.		W.Av.	42.7	48.8	6.1	6.79	11.54	96.99			41.40	70.39	591.66
		Foliation = 65°. Contacts = 65°.		W.Av.	32.0	48.8	16.8	5.33	8.59	81.00			89.58	144.23	1360.9
		48.8: Shear contact with Graphitic Phyllite (G).													
		Plane = 85°.													

LOGGED BY _____ D.D.H. Nº 76-U-167 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
48.8	61.8	GRAPHITIC PHYLLITE (G). Fissile, breaks easily into poker chips. Trace of calcite. F_2 = 75-80°; F_1 = 0-5°. Series of small F_1 fold noses. Sporadic Po blebs with Py.	12.5		48.8	61.8	13.0								
	61.8	END OF HOLE.													

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 27 NOV 1984 10:13 AM



DDH: FAGU167 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

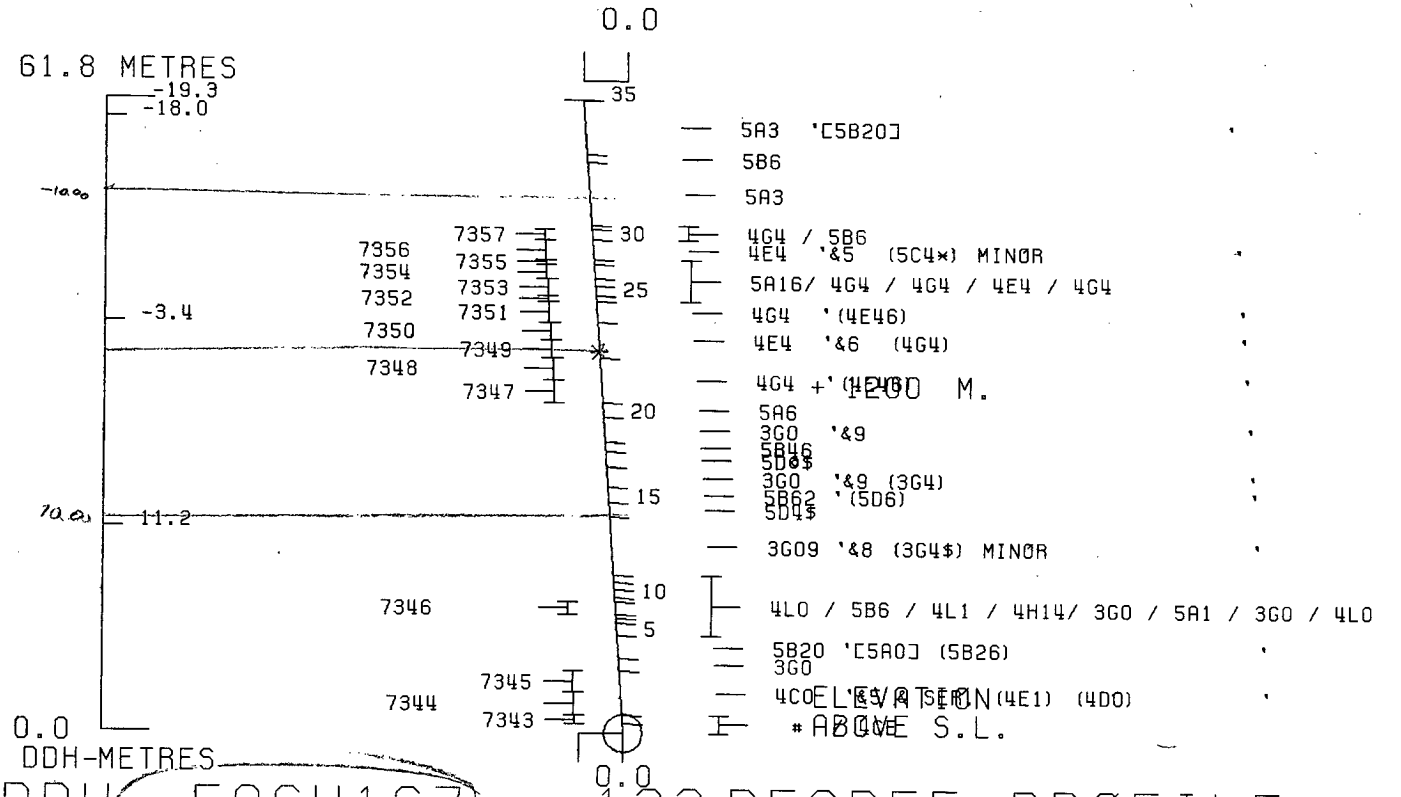
ELEV: 1177 592481E ; 904740N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 758.1 Z = 1176.9

SECTION NAME: 01N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 27 NOV 1984 9:53 AM



DDH: FAGU167 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1177 592481E ; 904740N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 758.1 Z = 1176.9

SECTION NAME: 01N

84/10/31

DDH	SAMPLE	ROCK UNIT	CPY
FAGU173	7138	4DE	1.01
	7139	4CL	.43
	7140	4A31	.17
	7141	5A0	.14
	7142	5B0	.03
	7143	4A0	.32
	7144	4A0	.55
	7145	4A0	.61
	7146	4A0	.20
	7147	4L1?	.03
	7148	4A0	.26
	7149	4E8	.20
	7150	4GL	.32
	7151	4L13	.09
	7152	4A3	.58
	7153	4E0	.29
	7154	4EL8	.52
	7155	4E81	.29
	7156	4L0	.52
	7157	4A3	.26
	7158	4AE	.26
	7159	4AE	.06

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU173	7138	.0	3.0	3.0	20	4DE	3.59	.35	1.38	3.60	32.0	1.03	4.29	19.30		4.98	23.59	.72
	7139	13.8	15.8	2.0	75	4CL	3.07	.15	.21	.45	6.0	.41	4.19	9.00		.66	13.19	.68
	7140	15.8	18.3	2.5	36	4A31	2.90	.06	.53	.81	8.0	.41	1.52	4.40		1.34	5.92	.60
	7141	18.3	20.0	1.7	41	5A0		.05	.27	.45	7.0					.72		.63
	7142	20.0	20.8	.8	63	5B0		.01	.01	.02	2.0					.03		.67
	7143	20.8	22.8	2.0	90	4A0		.11	.32	.72	8.0					1.04		.69
	7144	22.8	24.8	2.0	95	4A0		.19	.05	.38	2.0					.43		.88
	7145	24.8	26.9	2.1	62	4A0		.21	.18	.27	6.0					.45		.60
	7146	26.9	29.0	2.1	43	4A0		.07	.06	.06	3.0					.12		.50
	7147	29.0	31.5	2.5	84	4L1?		.01	.02	.01	2.0					.03		.33
	7148	31.5	34.5	3.0	83	4A0		.09	.97	.23	20.0					1.20		.19
	7149	34.5	37.0	2.5	100	4E8		.07	.04	.02	50.0					.06		.33
	7150	37.0	39.1	2.1	95	4GL	3.39	.11	1.58	1.75	27.0	.48	4.53	14.30		3.33	18.83	.53
	7151	39.1	40.1	1.0	90	4L13		.03	.01	.03	3.0					.04		.75
	7152	40.1	41.2	1.1	100	4A3		.20	.16	.20	12.0					.36		.56
	7153	41.2	42.4	1.2	92	4E0		.10	.45	.39	16.0					.84		.46
	7154	42.4	45.7	3.3	97	4EL8	4.37	.18	1.39	1.37	35.0	.41	7.04	16.83		2.76	23.87	.50
	7155	45.7	47.4	1.7	100	4E81	4.53	.10	.50	.39	20.0	.55	8.20	27.20		.89	35.40	.44
	7156	47.4	49.4	2.0	90	4L0	3.60	.18	1.04	1.23	23.0	2.81	5.20	9.80		2.27	15.00	.54
	7157	49.4	51.8	2.4	46	4A3		.09	.19	.46	9.0					.65		.71
	7158	51.8	54.1	2.3	78	4AE		.09	.14	.24	7.0					.38		.63
	7159	54.1	56.4	2.3	70	4AE		.02	.03	.08	4.0					.11		.73

DRILL HOLE : FAGU173
NORTHING : 904,693.9
EASTING : 592,520.2
ELEVATION : 1,182.2
TOTAL DEPTH : 57.9
SECTION : W 62
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	22
NOS DOWN-H-SURVEYS:	1
NOS DOWN-H-LITHOLOGY:	21
NOS DOWN-H-STRUCTURE:	8
NOS DOWN-H-FAULTS:	11
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU173 UTM-N: 904,693.9 UTM-E: 592,520.2 UTM-ELEV: 1,182.2 TOTAL DEPTH: 57.9 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	3.0	07138	3.0	.6	4DE	3.59	.35	1.38	3.60	32.00		1.03	4	19	23						
13.8	15.8	07139	2.0	1.5	4CL	3.07	.15	.21	.45	6.00		.41	4	9	13						
15.8	18.3	07140	2.5	.9	4A31	2.90	.06	.53	.81	8.00		.41	1	4	5						
18.3	20.0	07141	1.7	.7	5A0		.05	.27	.45	7.00											
20.0	20.8	07142	.8	.5	5B0		.01	.01	.02	2.00											
20.8	22.8	07143	2.0	1.8	4A0		.11	.32	.72	8.00											
22.8	24.8	07144	2.0	1.9	4A0		.19	.05	.38	2.00											
24.8	26.9	07145	2.1	1.3	4A0		.21	.18	.27	6.00											
26.9	29.0	07146	2.1	.9	4A0		.07	.06	.06	3.00											
29.0	31.5	07147	2.5	2.1	4L1?		.01	.02	.01	2.00											
31.5	34.5	07148	3.0	2.5	4A0		.09	.97	.23	20.00											
34.5	37.0	07149	2.5	2.5	4E8		.07	.04	.02	50.00											
37.0	39.1	07150	2.1	2.0	4GL	3.39	.11	1.58	1.75	27.00		.48	4	14	18						
39.1	40.1	07151	1.0	.9	4L13		.03	.01	.03	3.00											
40.1	41.2	07152	1.1	1.1	4A3		.20	.16	.20	12.00											
41.2	42.4	07153	1.2	1.1	4E0		.10	.45	.39	16.00											
42.4	45.7	07154	3.3	3.2	4EL8	4.37	.18	1.39	1.37	35.00	33.00	.41	7	16	23						
45.7	47.4	07155	1.7	1.7	4E81	4.53	.10	.50	.39	20.00		.55	8	27	35						
47.4	49.4	07156	2.0	1.8	4LD	3.60	.18	1.04	1.23	23.00		2.81	5	9	15						
49.4	51.8	07157	2.4	1.1	4A3		.09	.19	.46	9.00											
51.8	54.1	07158	2.3	1.8	4AE		.09	.14	.24	7.00											
54.1	56.4	07159	2.3	1.6	4AE		.02	.03	.08	4.00											
WEIGHTED AVERAGE																					
.0	3.0		3.0	.6		3.59	.35	1.38	3.60	32.00		1.03	4	19	23						
13.8	56.4		42.6	32.9		1.16	.10	.44	.49	14.29	2.55	.25	1	4	5						

DDH: FAGU173 UTM-N: 904,693.9 UTM-E: 592,520.2 UTM-ELEV: 1,182.2 TOTAL DEPTH: 57.9 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	143.000	224.000

DDH: FAGU173 UTM-N: 904,693.9 UTM-E: 592,520.2 UTM-ELEV: 1,182.2 TOTAL DEPTH: 57.9 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.0	0001	4DC	BXA (4EO) &#	0.5-	1
4.6	0002	5BC	?	0.5-	1
7.5	0003	5AO		0.5-	1
13.8	0004	5BO2		0.5-	1
15.8	0005	4CL3	[4CO (4L3) 60:40]	0.5-	1
18.3	0006	4A31	& PHYLLITIC	0.5-	1
20.0	0007	5AO	?	0.5-	1
20.8	0008	5BO	?	0.5-	1
29.0	0009	4AO	(4C SER.) MINOR	0.5-	1
31.5	0010	4L1	? [5B4]	0.5-	1
34.5	0011	4AO		0.5-	1
37.0	0012	4E8	& BXA	0.5-	1
39.1	0013	4GO	(5D4*) 60:40	0.5-	1
40.1	0014	4L13	[5D4*?]	0.5-	1
41.2	0015	4A3		0.5-	1
42.4	0016	4EC		0.5-	1
45.7	0017	4EL	[4E8 (4L) 50:50]	0.5-	1
47.4	0018	4E81	7 MINOR	0.5-	1
49.4	0019	4LO	?	0.5-	1
56.4	0020	4A3	(4EO)	0.5-	1
57.9	0021	4L1	[5D4*?]	0.5-	1

DDH: FAGU173 UTM-N: 904,693.9 UTM-E: 592,520.2 UTM-ELEV: 1,182.2 TOTAL DEPTH: 57.9 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU173	0.0	4.8	CS2		0	0	0	0	50	230	C	1	1	1
FAGU173	0.0	8.0	CS2		0	0	0	0	37	230	0	1	1	1
FAGU173	0.0	13.4	CS2		0	0	0	0	30	230	0	1	1	1
FAGU173	0.0	23.7	CS2		0	0	0	0	58	230	0	1	1	1
FAGU173	0.0	30.7	CS2		0	0	0	0	37	230	0	1	1	1
FAGU173	0.0	33.4	CS2		0	0	0	0	44	230	0	1	1	1
FAGU173	0.0	54.3	CS2		0	0	0	0	49	230	0	1	1	1
FAGU173	0.0	56.5	CS2		0	0	0	0	48	230	0	1	1	1

DDH: FAGU173 UTM-N: 904,693.9 UTM-E: 592,520.2 UTM-ELEV: 1,182.2 TOTAL DEPTH: 57.9 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU173	2.9	3.0	X?			0	0	0	0	0	0	1
FAGU173	3.0	4.6	G			0	0	0	0	0	0	1
FAGU173	4.6	7.5	P	3		0	0	0	0	0	0	1
FAGU173	3.0	13.8	3BP			0	0	0	0	0	0	1
FAGU173	18.3	20.8	G			0	0	0	0	0	0	1
FAGU173	29.0	29.4	G			0	0	0	0	0	0	1
FAGU173	35.1	35.5	D?			0	0	0	0	0	0	1
FAGU173	38.3	39.1	D?			0	0	0	0	0	0	1
FAGU173	43.6	45.7	D?			0	0	0	0	0	0	1
FAGU173	48.5	49.1	D?			0	0	0	0	0	0	1
FAGU173	56.4	57.9	3B	5		0	0	0	0	0	0	1

DDH: FAGU173 UTM-N: 904,693.9 UTM-E: 592,52C.2 UTM-ELEV: 1,182.2 TOTAL DEPTH: 57.9 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU173	1	1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 7

DIAMOND DRILL CORE LOG

Date: JULY 10, 1981

Hole Number: FAG-U-173

Project: GRUM RELOG

Location: VANGORDA PLATEAU

Claim:

~~Terr.~~ UTM Plane Co-ords.: 6,904,693.9 N

592520.2 E

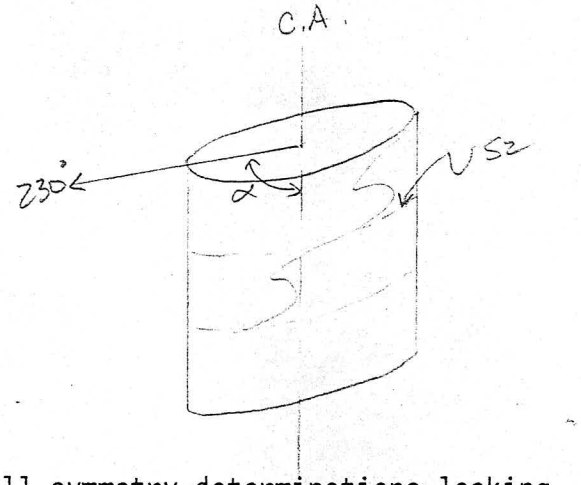
Grid Co-ords: 62W/2N

(previous K+A surveyed grid co-ords)

Elevation: 1182.2

Total Depth: 57.9 m

Reference Fabric Orientation Diagram:



All symmetry determinations looking NW with S2 dipping SW with dip azimuth 230.

Purpose:

Reason hole Terminated:

Logged by: RE PN

Date(s) Logged: MARCH 12, 1981

Drilling Contractor:

Size	CORE From	To
BQ	0	EOH

Collar Cased and Capped:

Hole Cemented:

Steel down hole:

Started: SEPT. 3/81 Completed: SEPT. 4/81

Cyprus Anvil Mining Corp.

DDH FAGU173 (2 / 8)

Diamond Drill Core Log Date: _____ Logged By: PN

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	FAGU173	1182.2	9046931.9	525292.	METRES	S2	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	1 2 8	10 14	22 26	28 32	34 56
R	FAGU173	0001430	2240		AT COLLAR

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

DDH E.A.C.U.1.73 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 3 of 7

Date: _____ Logged By: PV

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	00	30		001	4DC	[bxia??] previously sampled: difficult to determine
						% of each; approx. 10% PbZn; 4EO
						bxia w/ calc. gr mass 2A-3.0m;
L	30	46		002	5B3	fault gouge; no cnt. attitudes;
L	46	75		003	5A0	poor recovery 0.7/2.9 m;
L	75	138		004	5B22	slightly calc; minor graphite; dk. grey
L	138	158		005	4CL3	<1% PbZn; 4CO w/ 4L3 interbands;
						4C/4L = 60/40
L	158	183		006	4A31	10% py; negligible PbZn; variably
						phyllitic;
L	183	200		007	5A0	fault gouge; no cnt. attitudes;
L	200	208		008	5B3	fault gouge; no cnt. attitudes;
L	208	290		009	4A4	4% PbZn; 20% py; 4CL 20.8-20.9m
L	290	315		010	4L1	[5B4?] minor py; gouge 29.0-29.4m
L	315	345		011	4A4	4% PbZn; 20% py
L	345	370		012	4E8	3% mt; minor bxia w/ 4A pebbles
						35.1-35.5m
L	370	391		013	4LG	4L w/ 4G interbands [5D4?], definite
						5D4 38.0-38.2m; bxia 38.3-39.1m
						4L/4G = 40/60
L	391	401		014	4L13	
L	401	412		015	4A3	negligible PbZn; 20% py
L	412	424		016	4E0	few 4A inclusions
L	424	457		017	4EL	4E/4L = 50/50; 4E w/ 4L interbands +
						inclusions; minor mt; bxia 43.6-45.7
						3% PbZn;
L	457	474		018	4E81	minor po; <2% PbZn;
L	474	494		019	4LD	minor 4D bands; bxia 48.5-49.1m
						<2% PbZn
L	494	564		020	4A3	2% PbZn; 4EO 53.5-53.8, 55.9-56.0m
L	564	579		021	4L1	minor py stringers;
		EOH				

DDH F.A.GU.173 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Page 4 of 7

Date: _____ Logged By: PN

Code	From	To	Feature	Sym	S_0 Dip	S_0 Direct.	S_1 Dip	S_1 Direct.	S_2 Dip	S_2 Direct	Description
1	10 14	16 20	22 24	26	28	32	34	38	40	44	
S		48	CS2						50	230	
S		80	CS2						37		
S		134	CS2						30		
S		237	CS2						58		
S		307	CS2						37		
S		334	CS2						44		
S		543	CS2						49		
$		565	CS2						48		
		EOH									

DDH FAB 0173 (2–8) **Cyprus Anvil Mining Corp**

Page 5 of 7

Logged by PN

ASSAY LOG (SAMPLER'S COPY)

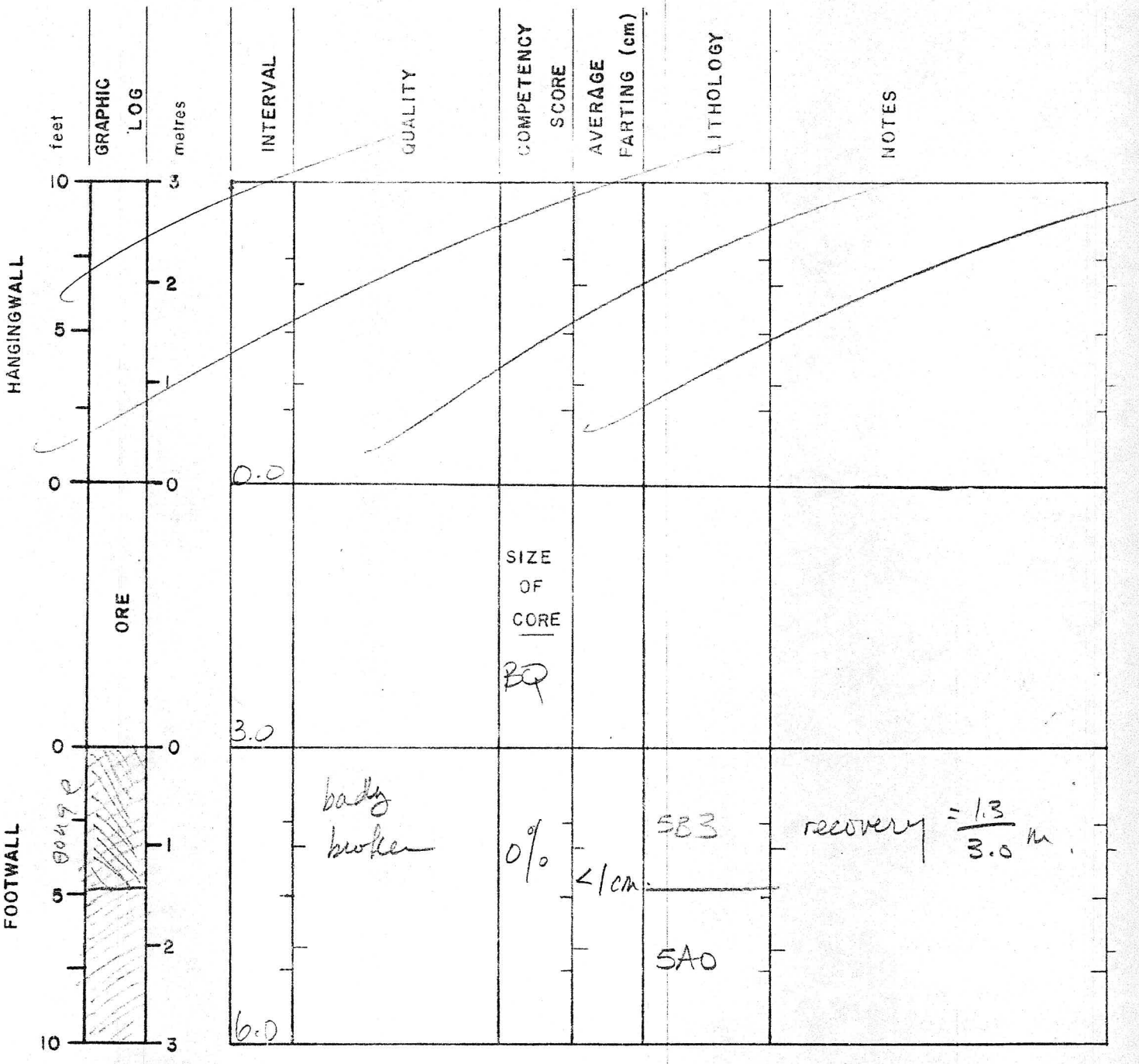
Date _____ Sampled by _____

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	K.A.
1	10–14	16–20	22–26	28–30	32–34	36–40	42	
F	00	30	7138	30	06	4DC		91B
F	138	158	7139	20	15	4CL3		92B
F	158	183	7140	25	09	4AB1		93B
F	183	200	7141	17	07	5AO	gouge	
F	200	208	7142	08	05	5B3	gouge	
F	208	228	7143	20	18	4A4		94B
F	228	248	7144	20	19	4A4		95B
F	248	269	7145	21	13	4A4		
F	269	290	7146	21	09	4A4		
F	290	315	7147	25	21	4L1		
F	315	345	7148	30	25	4A4		96B
F	345	370	7149	25	25	4E8		97B
F	370	391	7150	21	20	4LG		98B
F	391	401	7151	10	09	4L13		99B
F	401	412	7152	11	11	4AB		100B
F	412	424	7153	12	11	4EO		101B
F	424	457	7154	33	32	4EL		102B, 103B
F	457	474	7155	17	17	4EB1		104B
F	474	494	7156	20	18	4LD		105B
F	494	518	7157	24	11	4AB		106B
F	518	541	7158	23	18	4AB		107B
F	541	564	7159	23	16	4AB		

DDH- FIAGIULI73

6/7

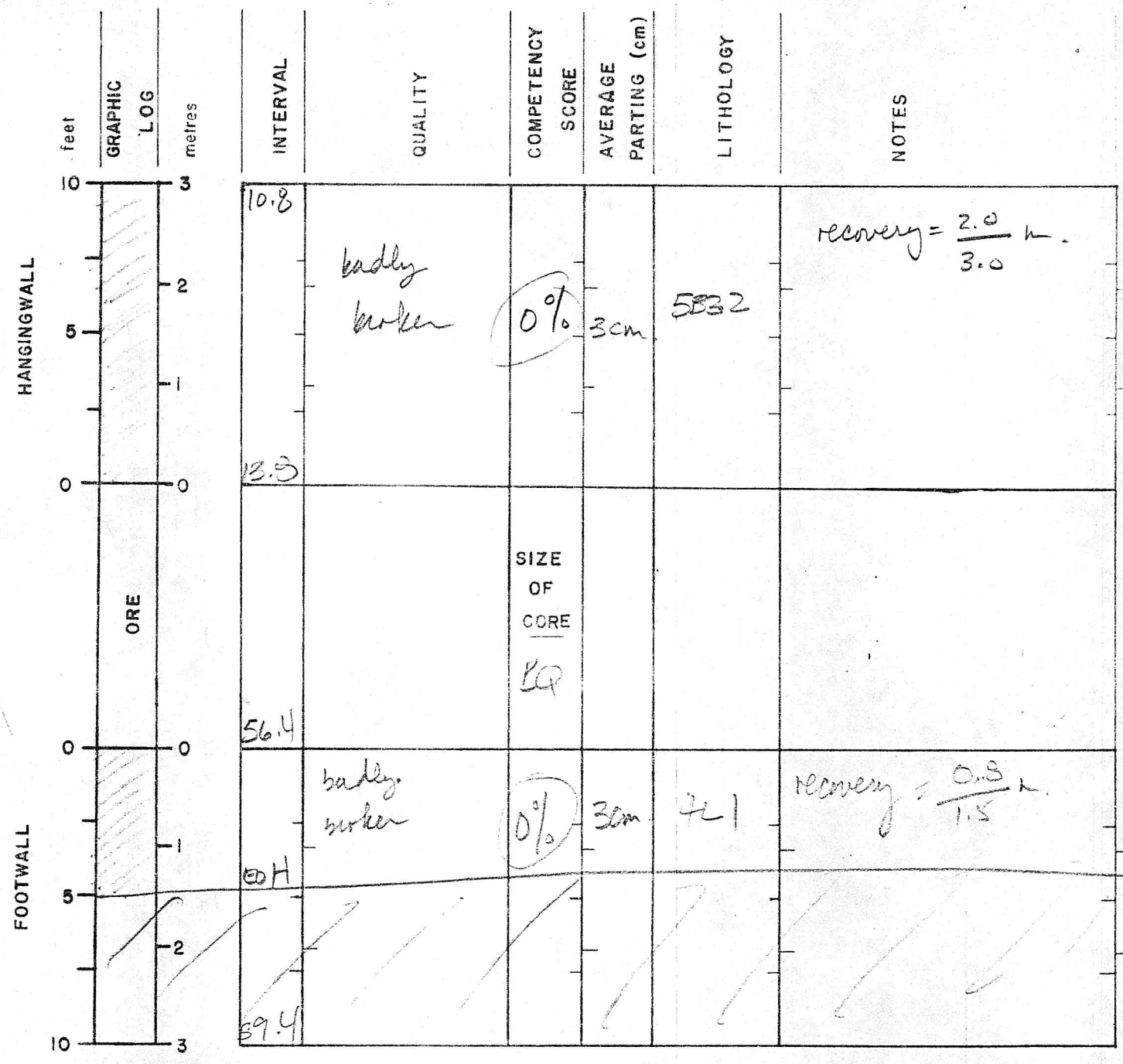
GEOTECHNICAL LOG



DDH- EAGLE-173

7/7

GEOTECHNICAL LOG



DDH FAGU173 (2–8)

M

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip Direct. (28–32)	S_1 Dip Direct. (34–38)	S_2 Dip Direct (40–44)	Description
F	29	30	X?					
F	30	46	G					
F	46	75	P	3				
F	183	208	G					
F	290	294	G					
F	351	~~335~~	~~D?~~	35.5				
F	383	391	D?					
F	436	457	D?					
F	485	491	D?					
F	564	579	3B	5				
F	30	138	3BP					

DIAMOND DRILL RECORD

LOGGED BY JIM PAXTON D.D.H. Nº 76-U-173 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 62W STARTED SEPTEMBER 3, 1976

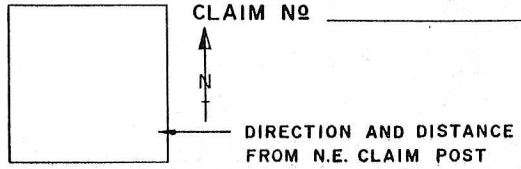
DEPARTURE 2N COMPLETED SEPTEMBER 4, 1976

ELEVATION PROPOSED DEPTH

ULTIMATE DEPTH 57.9

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR		-53°

CLAIM Nº



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Py PbZn	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	3.0	MASSIVE SULPHIDE (M).														
		Locally brecciated MXm.	65 10	0.6/3.0	091B	0	3.0	3.0	3.10	7.48	55.54					
3.0	4.6	FAULT GOUGE.														
		Dark gray and graphitic														
4.6	14.3	QUARTZ SERICITE GRAPHITE PHYLLITE (Sg).														
		Dark gray colour. Strong F = 45°.														
14.3	15.3	MASSIVE BANDED SULPHIDE (MB).														
		Strongly laminated pyritic and sphaleritic bands	50 6	1.0/1.0	092B	14.3	15.3	1.0	0.35	0.80	8.91					
		plus 1mm. laminae of white chert. Banding @ 40°.	20 3	1.4/3.0	093B	15.3	18.3	3.0	0.45	0.70	7.89					
15.3	16.8	GRAPHITIC QUARTZ SULPHIDE (Pg).														
		Strongly laminated (1-3mm.) @ 45°.														

LOGGED BY _____ D.D.H. NO. 76-U-173 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
16.8	21.5	FAULT GOUGE.													
		Fragments of graphitic quartz sulphide in black mud.													
21.5	34.5	GRAPHITIC QUARTZ SULPHIDE (Pg).													
		Dark gray colour. Beaded granular texture with strong F													
		foliation @ 45°. 20 2	1.6/1.6	094B	21.3	22.9	1.6	0.23	0.65	5.14					
		20 3	1.4/1.5	095B	22.9	24.4	1.5	0.05	0.38	2.06					
34.5	37.5	MASSIVE SULPHIDES (MI). 20 3	1.4/1.5		24.4	25.9									
		Fine grained pyritic sulphide with sounded 2-5cm. 20 5	1.0/1.0	096B	33.5	34.5	1.0	0.10	0.08	4.11					
		inclusions of wall rock. Contacts sharp @ 45°.			34.5										
		80 6	1.9/2.1	097B		36.6	2.1	1.25	0.25	21.26					
		60 10	1.5/1.5	098B	36.6	38.1	1.5	1.70	1.40	22.29					
37.5	38.5	BLEACHED SERICITE (Sb). 20 5	1.5/1.5	099B	38.1	39.6	1.5	1.63	1.25	17.14					
		15 3	1.5/1.5	100B	39.6	41.1	1.5	0.05	0.13	4.11					
38.5	39.2	BRECCIA OF PYRITE IN A QUARTZ (MXp) PYRITE GROUNDMASS. 75 5	1.6/1.6	101B	41.1	42.7	1.6	0.55	0.33	15.09					
		75 8	1.5/1.5	102B	42.7	44.2	1.5	1.60	1.33	28.46					
		30 5	1.5/1.5	103B	44.2	45.7	1.5	2.40	2.00	47.31					
39.2	41.1	QUARTZ GRAPHITE PYRITE PHYLLITE (G-P). 75 10	1.5/1.5	104B	45.7	47.2	1.5	0.50	0.28	14.06					
41.1	48.8	MASSIVE SULPHIDE (MI).													
		Fine grained pyritic sulphides with rounded 20 5	1.6/1.6	105B	47.2	48.8	1.6	1.03	0.75	21.26					
		inclusions of sericite, quartz, and bleached sericite. 30 5	1.5/1.5	106B	48.8	50.3	1.5	1.35	1.55	19.20					

LOGGED BY _____ D.D.H. NO 76-U-173 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
			0.0/1.5		50.3	51.8		GROUND CORE							
		20 8	1.5/2.2	107B	51.8	54.0	0.28	0.38	8.23						
48.8	53.5	GRAPHITIC PHYLLITE (G).													
		F = 10°.													
		2													
53.5	54.0	MASSIVE SULPHIDE (MI).													
		Similar to previous section. Could perhaps be (S-GXm).													
54.0	56.4	GRAPHITIC PHYLLITE (G).													
		Dark gray colour. Quartz and graphite with scattered streaks													
		of pyrite. F = 45°.													
		2													
		8.0cm. of very fine grained Massive Pyrite at 56.0-56.1.													
56,4	57.9	BLEACHED SERICITE (Sb).													
		Sheared and crumbly. F = 60°.													
		2													
	57.9	END OF HOLE.													

DDH: FAGU173 -- 132 DEGREE PROFILE

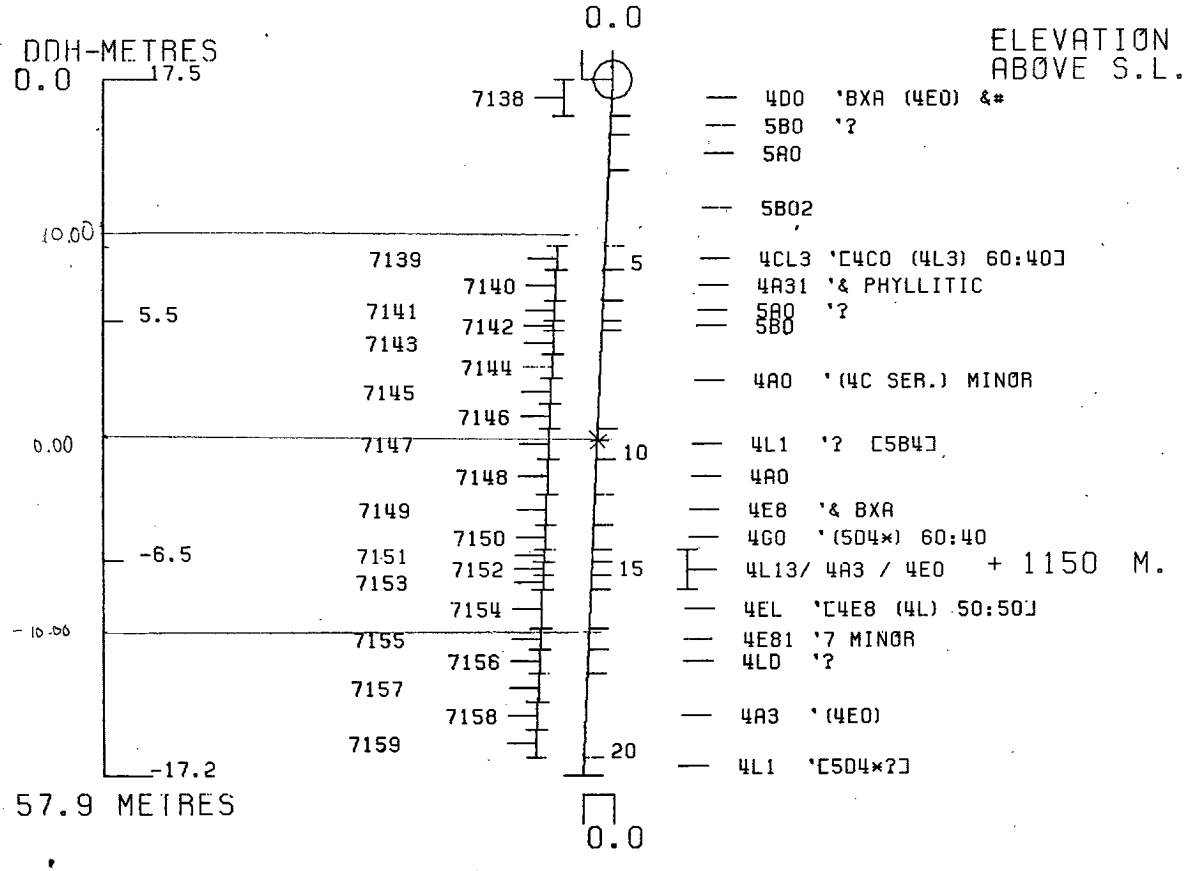
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1182 592520E ; 904694N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 818.0 Z = 1182.2

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH162 2 MAY 1984 1:02 PM

DDH: FAGU173 -- 132 DEGREE PROFILE

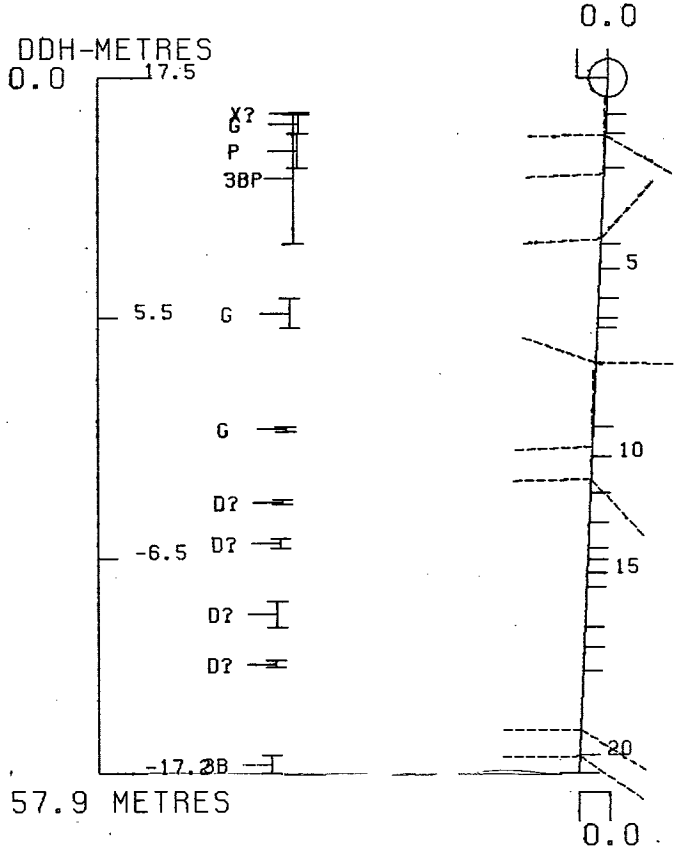
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1182 592520E ; 904694N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 818.0 Z = 1182.2

SECTION NAME: 01N



ELEVATION ABOVE S.L.

+ 1150 M.

CYPRUS ANVIL MINING CORPORATION

PROGRAM DH161 2 MAY 1984 1:03 PM

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PC+PY %	ZN RATIO
FAGU179	8536	.0	2.2	2.2	77	4C3	3.65	.28	1.60	1.67	26.0	.75	3.76	20.10		3.27	23.86	.51
	8537	2.2	4.6	2.4	96	4C3	3.74	.43	.28	1.03	16.0	.96	3.79	24.50		1.31	28.29	.79
	8538	4.6	5.3	.7	100	5B6	2.95	.03	.24	.51	5.0	.27	3.65	3.08		.75	6.73	.68
	8539	5.3	6.3	1.0	100	4CC	3.45	.24	2.00	3.20	39.0	1.44	3.90	17.80		5.20	21.70	.62
	8540	6.3	7.9	1.6	88	4EA4	3.65	.13	5.70	6.60	76.0	2.13	2.38	15.60		12.30	17.98	.54
	8541	7.9	9.9	2.0	100	4D4	3.79	.19	7.50	11.10	115.0	2.26	2.78	14.90		18.60	17.68	.60
	8542	9.9	14.0	4.1	56	4D4	3.71	.07	9.60	21.60	152.0	1.78	3.66	6.20		31.20	9.86	.69
	8543	14.0	16.1	2.1	90	4D4	3.93	.06	9.60	22.40	165.0	2.06	2.56	8.40		32.00	10.96	.70
	8544	30.2	32.4	2.2	100	4G4	4.33	.05	4.30	9.80	67.0	.89	1.62	15.30		14.10	16.92	.70
	8545	32.4	34.6	2.2	100	4G0	4.60	.03	1.02	2.90	19.0	.34	.95	22.40		3.92	23.35	.74
	8546	34.6	36.9	2.3	100	4G0	4.69	.02	2.60	6.50	31.0	.55	.74	21.60		9.10	22.34	.71
	8547	36.9	39.1	2.2	86	4E4	4.61	.15	3.30	4.60	60.0	.96	1.45	31.80		7.90	33.25	.58
	8548	39.1	41.1	2.0	100	4E4	4.67	.17	3.30	3.50	382.0	1.44	1.60	35.40		6.80	37.00	.51
	8549	41.1	45.7	4.6	22	4E4	4.21	.20	3.80	3.90	52.0	1.17	1.42	31.30		7.70	32.72	.51

DDH: FAGU179 UTM-N: 904,694.7 UTM-E: 592,520.5 UTM-ELEV: 1,185.1 TOTAL DEPTH: 51.8 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.5	0001	4C3	(4EO) BXA	0.5-	1
5.3	0002	5B6	&4	0.5-	1
6.3	0003	4CO	(5D4*)	0.5-	1
7.9	0004	4EA	[4E4 (4A4) 70:30]	0.5-	1
16.1	0005	4D4		0.5-	1
18.0	0006	4L3	(4D4) MINOR [5D4*]?	0.5-	1
30.2	0007	5B62		0.5-	1
36.9	0008	4G4	& BXA	0.5-	1
45.7	0009	4E4	POROUS (4G4)	0.5-	1
51.8	0010	#	OVERBURDEN !	0.5-	1

DDH: FAGU179 UTM-N: 904,694.7 UTM-E: 592,520.5 UTM-ELEV: 1,185.1 TOTAL DEPTH: 51.8 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU179	0.0	6.6	CS2		0	0	0	0	56	230	0	1	1	1
FAGU179	0.0	10.7	CS2		0	0	0	0	64	230	0	1	1	1
FAGU179	0.0	16.2	CS2		0	0	0	0	59	230	0	1	1	1
FAGU179	0.0	22.7	CS2		0	0	0	0	56	230	0	1	1	1
FAGU179	0.0	25.6	CS2		0	0	0	0	35	230	0	1	1	1
FAGU179	0.0	28.1	CS2		0	0	0	0	37	230	0	1	1	1
FAGU179	0.0	36.6	CS2		0	0	0	0	65	230	0	1	1	1
FAGU179	0.0	39.1	CS2		0	0	0	0	75	230	0	1	1	1

DDH: FAGU179 UTM-N: 904,694.7 UTM-E: 592,520.5 UTM-ELEV: 1,185.1 TOTAL DEPTH: 51.8 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU179	3.9	4.0	D		0	0	C	0	0	0	1
FAGU179	4.5	4.6	X?		0	0	C	0	0	0	1
FAGU179	31.8	32.6	D		0	0	0	0	0	0	1

DDH: FAGU179 UTM-N: 904,694.7 UTM-E: 592,52C.5 UTM-ELEV: 1,185.1 TOTAL DEPTH: 51.8 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU179	1	1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 7

DIAMOND DRILL CORE LOG

Date: JULY 10/81

Hole Number: FAG-U179

Project: GRUM RELOG

Location: VANGORDA PLATEAU

Claim:

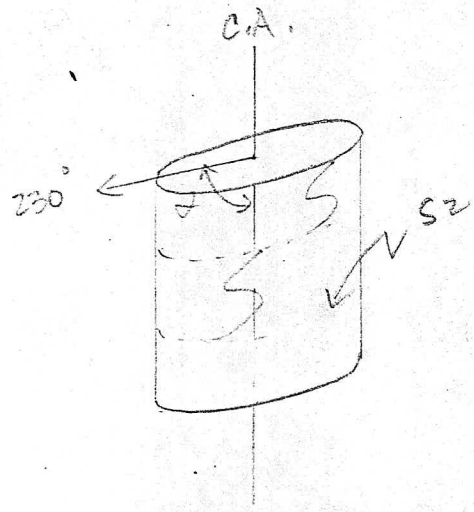
~~Terr.~~ UTM Plane Co-ords.: 6,904,694.7 N

592,520.5 E

Grid Co-ords: 12W | 2N

conversion of X-Y surveyed grid co-ords

Reference Fabric Orientation Diagram:



All symmetry determinations looking

Elevation: 1185.1

NW with S2 dipping

Total Depth: 51.8 m

SW with dip azimuth 230.

Purpose:

Reason hole Terminated:

Logged by: RLE PN

Date(s) Logged: MARCH 12, 1981

Drilling Contractor:

CORE

Size	From	To
BQ	0	EOH

Collar Cased and Capped: ____

Hole Cemented:

teel down ole:

Started: SEPT. 5/76 Completed: SEPT. 6/76

Cyprus Anvil Mining Corp.

DDH FAGU179

Diamond Drill Core Log Date: _____ Logged By: PN

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	FAGU179	1185.1	9047694.75	925920.5	METRES	SZ	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGU179	00	30.7	223.4	ATCOLLAR

DDH F.A.G.U.1.79 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: PN

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
L	00	45		001	4C0	60% py, nuin cpy stringers, 4E0
						3.6–3.9 m; bxia w/ 4C clasts ~~in~~ sulph.
						matrix 3.9–4.0 m;
L	45	53		002	5B6	slight alteration ~~om~~ overprint point; tendidp; trward
						4L; bxia w/ qtz-sulph. clasts L graph
						gr. mass 4.5–4.6 m; ∴ 5B64BT
L	53	63		003	4C0	2% PbZn; few narrow 5D4 bands;
L	63	79		004	4EA	4E4 (5% PbZn) / 4A4 = 30/70; few
						4C0 bands;
L	79	161		005	4D4	70% PbZn; nuin 4CL interbands;
L	161	180		006	4L3	minn py; Fe-oxide staining; few 4D4 bands
						17.6–17.7, 17.8–17.9 m;
L	180	302		007	5362	minn py; variable graphite content;
						few qtz-ank-py lenses;
L	302	369		008	4G4	15% PbZn; honey-~~coloured~~ coloured sph; variable
						baute content; bxia w/ 4G4 clasts L
						sulph. gr. nian 31.8–32.6 m;
L	369	457		009	4E4	10% PbZn porous [leached 4G?];
						4G4 37.8–38.1 m honey-~~coloured~~ sph;
L	457	518		010	*	clay + granitic boulders (coloured 01B?)
		EOH				

DDH FAGU179 (2 - 8)

Cyprus Anvil Mining Corp.

Structural Log

Page 4 of 7

Date: _____ Logged By: PN

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		66	CS2				56 230	
S		107	CS2				64	
S		162	CS2				59	
S		227	CS2				56	
S		256	CS2				35	
S		281	CS2				37	
S		366	CS2				65	
S		391	CS2				75	
		EOH						

DDH [illegible] Cyprus Anvil Mining Corp

Page 5 of 7

Logged by

ASSAY LOG (SAMPLER'S COPY)

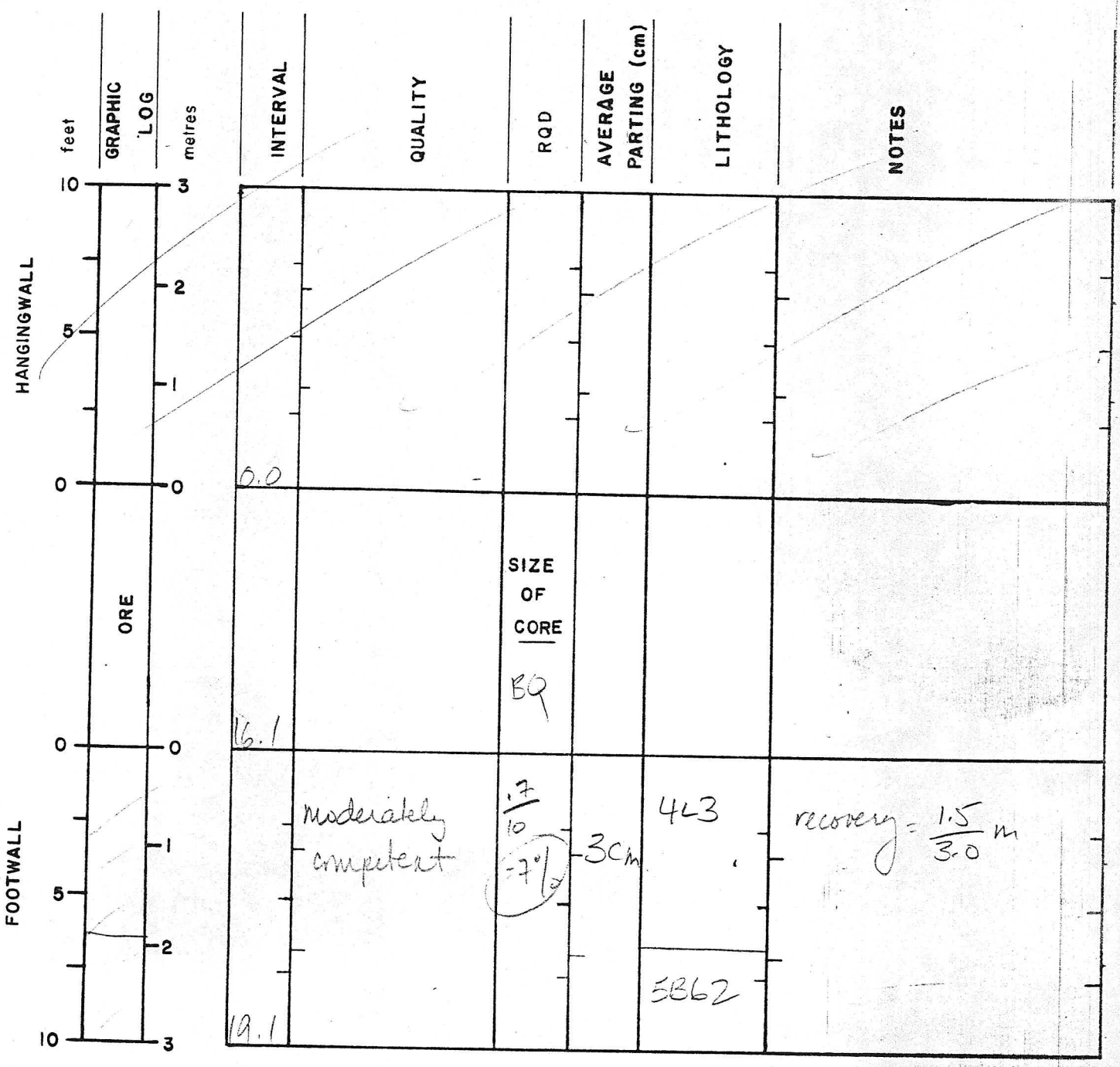
Date

Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
	00	22	8536	22	17	4CD	108B, 109B
	22	46	8537	24	22	4CD	110B
	46	53	8538	07	07	5B6	} 111B
	53	63	8539	10	10	4CD	}
	63	79	8540	16	14	4EA	112B
	79	99	8541	20	20	4D4	113B
	99	140	8542	41	23	4D4	114B, 115B
	140	161	8543	21	19	4D4	116B, 117B
	302	324	8544	22	22	4G4	119B
	324	346	8545	22	22	4G4	120B
	346	369	8546	23	23	4G4	121B, 122B
	369	391	8547	22	19	4E4	123B, 124B
	391	411	8548	20	20	4E4	125B
	411	457	8549	46	10	4E4	126B, 127B

DDH- FAIGU1139

GEOTECHNICAL LOG



DDH- [redacted]

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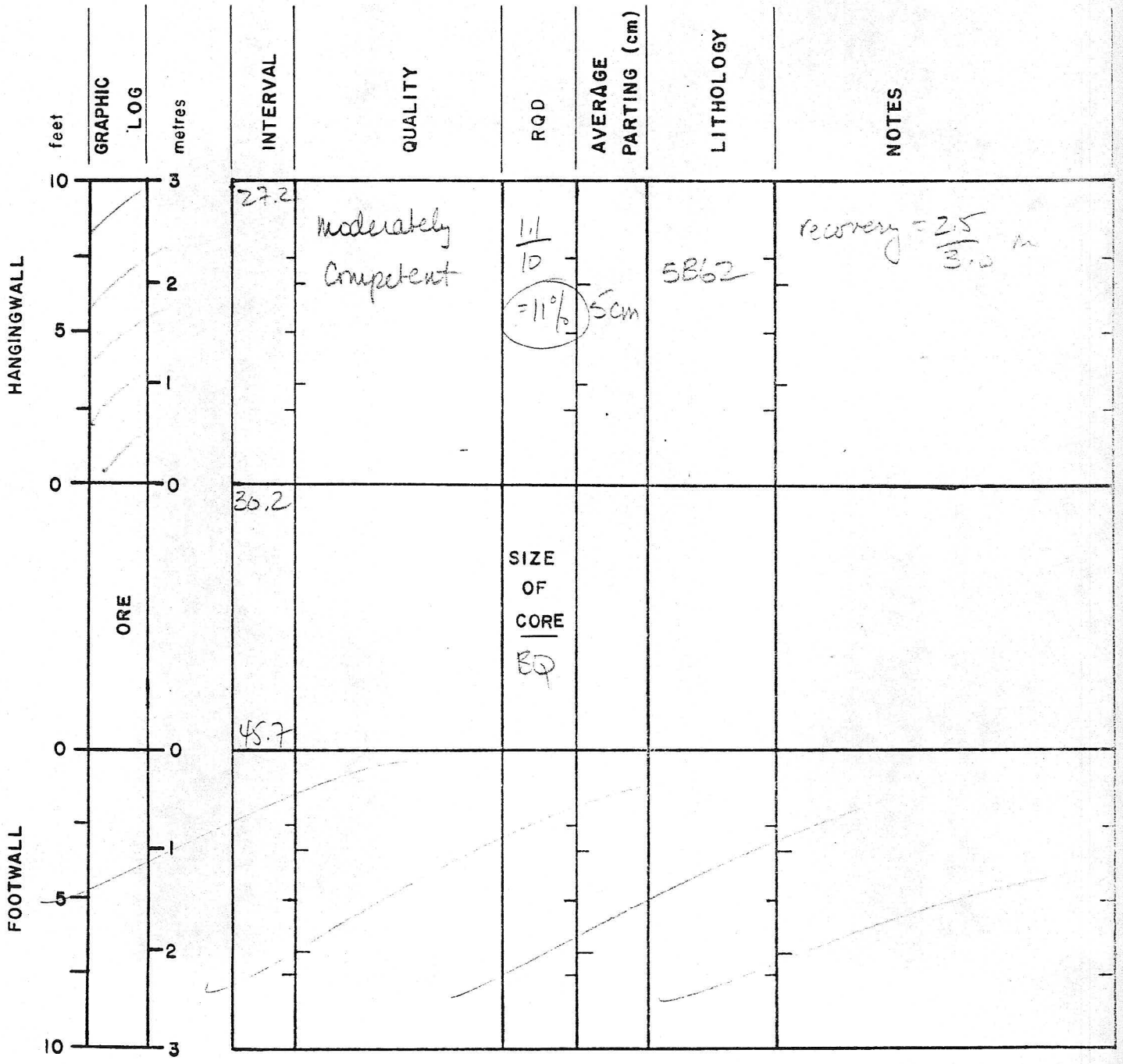


DDH FAG0179 (2–8) m

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10–14	16–20	22–24	26	28–32	34–38	40–44	
F	39	40	D					
F	45	46	X?					
F	318	326	D					

DIAMOND DRILL RECORD

LOGGED BY JIM PAXTON

D.D.H. Nº 76-U-179 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,482.00 STARTED SEPTEMBER 5, 1976

DEPARTURE 7,819.50 62W COMPLETED SEPTEMBER 6, 1976

ELEVATION 1,195.71 PROPOSED DEPTH

ULTIMATE DEPTH 51.8

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	225° 07'	+59° 18'

CLAIM Nº

N

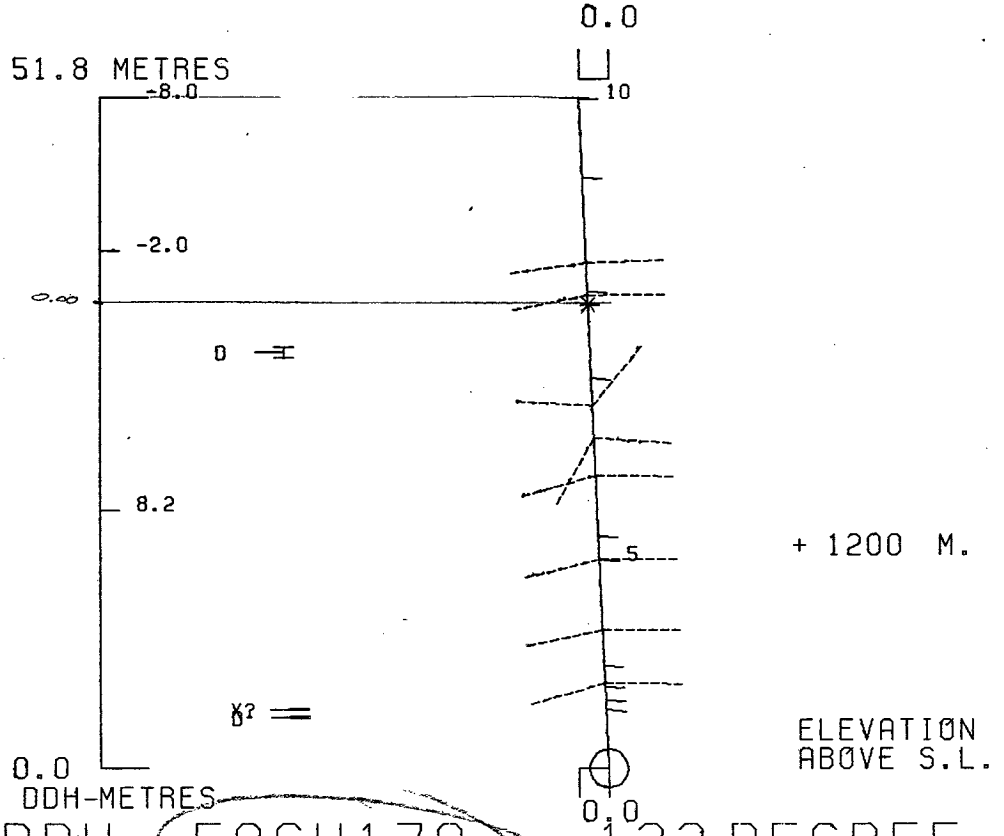
DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Py	PbZ	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	16.1	MASSIVE SULPHIDE (MI,MB) & BRECCIA (PXm).	60	8	0.9/1.5	108B	0	1.5	1.5	0.05	0.20	7.20			0.25	PbZn	
		Composition banded and quartz banded Massive Sulphide	70	10	1.3/1.5	109B	1.5	3.0	1.5	0.08	0.53	14.06			0.61	PbZn	
		grade locally into breccias of siliceous rounded	70	10	1.2/1.6	110B	3.0	4.6	1.6	0.38	0.88	14.06			1.26	PbZn	
		fragments or inclusions in a pyrite-sphalerite	60	8	1.4/1.5	111B	4.6	6.1	1.5	2.13	2.20	30.17					
		groundmass. Banding is generally at 75°.	70	15	1.5/1.5	112B	6.1	7.6	1.5	6.54	7.24	92.92			9.81	10.86	139.38
			60	20	1.5/1.5	113B	7.6	9.1	1.5	7.78	9.98	105.9			11.67	14.97	158.91
			50	25	1.5/1.5	114B	9.1	10.7	1.6	9.63	17.24	142.3			15.41	27.58	227.66
			60	15	0.4/1.5	115B	10.7	12.2	1.5	6.27	16.59	100.8			9.41	24.89	151.20
					0.0/1.5		12.2	13.7	1.5	8.00	20.18	122.57			12.00	30.27	183.86
			60	20	0.6/1.5	116B	13.7	15.2	1.5	9.73	23.77	144.3			14.60	35.66	216.51
			50	15	0.8/0.9	117B	15.2	16.8	0.9	9.97	22.30	155.3			8.97	20.07	139.79
16.1	17.5	BLEACHED SERICITE PHYLLITE (Sb).	20	5	0.7/0.8	118B	17.5	18.3	0.8	2.95	4.85	42.51					
17.5	18.3	BLEACHED PHYLLITE PLUS MASSIVE SULPHIDE BANDS.															
18.3	22.9	DARK GRAY QUARTZ SERICITE PHYLLITE (S).				W.Av.	0	4.6	4.6	0.72	PbZn						
		Strong F at 70° which changes suddenly to 30° at 22.9.				W.Av.	6.1	16.1	10.0	8.19	16.43	121.7			81.87	164.30	1217.3

LOGGED BY _____ D.D.H. NO 76-U-179 PAGE 2

Interval From	Interval To	DESCRIPTION		Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
22.9	29.7	GRAPHITE SERICITE PHYLLITE (Sg).														
		Black colour. Weak and friable. Talc? Strong F at 30°.														
		Although colour is dark only traces of Graphite present.														
29.7	37.0	MASSIVE SULPHIDE (Mb).	Py PbZn	1.7/2.3	119B	29.7	32.0	2.3	5.43	11.50	85.72			12.49	26.45	197.16
		Fine grained pyrite and sphalerite in a quartz-	60 12	1.4/1.5	120B	32.0	33.5	1.5	2.33	4.90	40.46			3.50	7.35	60.69
		barite groundmass which comprises about 40%. Faint	60 12	1.5/1.6	121B	33.5	35.1	1.6	0.95	2.58	10.97			1.52	4.13	17.55
		compositional banding at 60°.	60 12	1.5/1.5	122B	35.1	36.6	1.5	2.28	5.78	29.14			3.42	8.67	43.71
			70 20	1.5/1.5	123B	36.6	38.1	1.5	3.73	5.98	59.31			5.60	8.97	88.97
37.0	45.7	MASSIVE SULPHIDE (MV).	60 15	1.1/1.5	124B	38.1	39.6	1.5	3.98	4.55	73.71			5.97	6.83	110.57
		This is a continuation of previous section but is	70 15	0.7/1.5	125B	39.6	41.1	1.5	2.70	3.75	39.43			4.05	5.63	59.15
		porous and has only traces of barite.	80 15	0.3/1.6	126B	41.1	42.7	1.6	3.68	2.55	48.34			5.89	4.08	74.34
		Past 45.7 only bits of clay and overburden pebbles.	80 15	0.1/1.5	127B	42.7	44.2	1.5	0.43	1.00	8.23					
					W.Av.	29.7	32.7	3.0	4.71	9.96	75.16			14.12	29.88	225.48
					W.Av.	29.7	33.5	3.8	4.21	8.89	67.86			15.99	33.80	257.85
					W.Av.	35.1	39.6	4.5	3.33	5.44	54.06			14.99	24.47	243.25
					W.Av.	39.6	42.7	3.1	3.21	3.13	44.03			9.94	9.71	136.49
					W.Av.	32.0	42.7	10.7	2.8	4.27	42.80			29.95	45.66	457.98
					W.Av.	29.7	42.7	13.0	3.26	5.55	50.4			42.44	72.11	655.14
45.7	51.8	CLAY OVERBURDEN.		0.5/5.8	B200	46.0	51.8	5.8	0.23	0.50	5.14					
	51.	ND OF HOLE.														

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 2 MAY 1984 1:15 PM



DDH: FAGU179 - 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

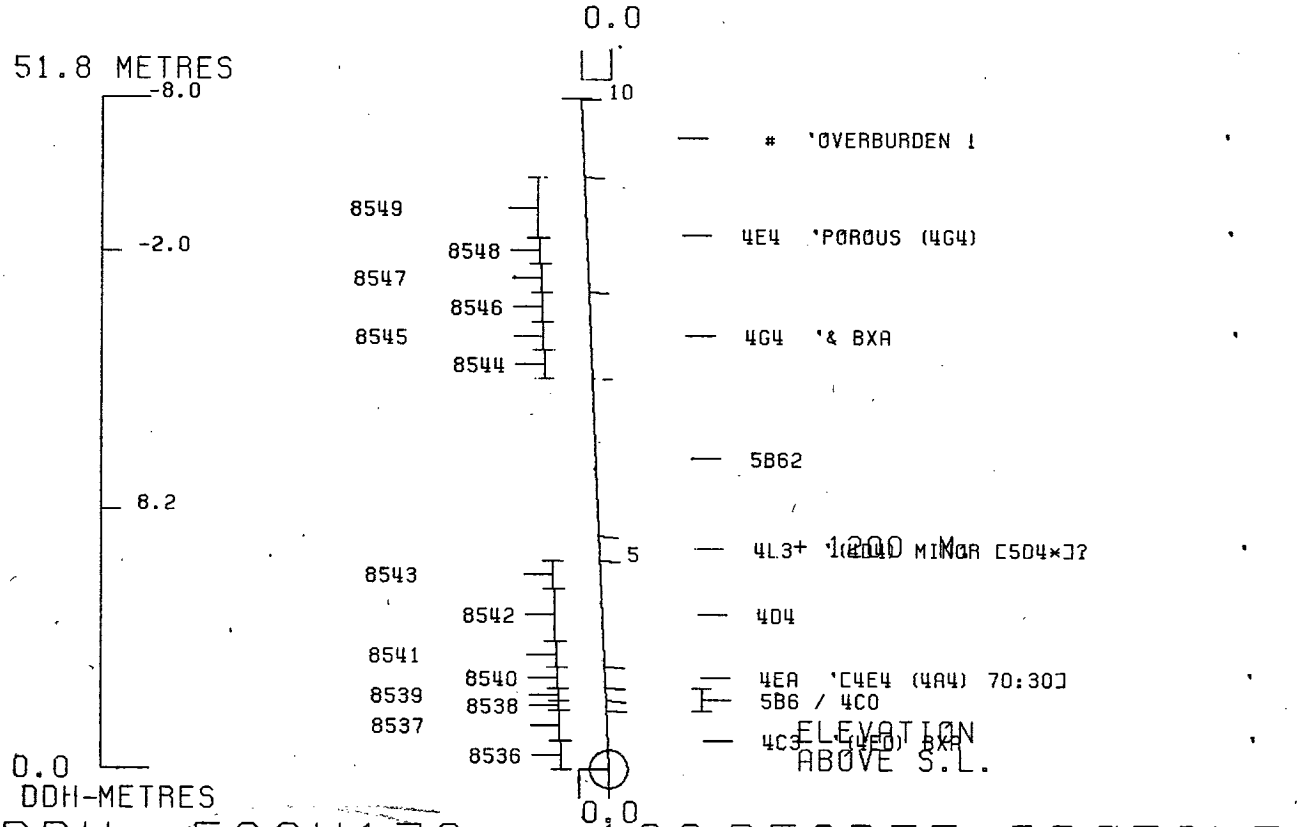
ELEV: 1185 592521E ; 904695N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 817.7 Z = 1185.1

SECTION NAME: 01N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 MAY 1984 1:14 PM



DDH: FAGU179 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1185 592521E ; 904695N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 817:7 Z = 1185.1

SECTION NAME: 01N

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU181	5229	.0	1.5	1.5	80	4E4	4.52	.16	6.37	13.55	134.0	.96	4.52	23.20		19.92	27.72	.68
	5230	1.5	3.0	1.5	100	4E4	4.13	.15	9.20	15.21	149.0	.69	3.81	20.00		24.41	23.81	.62
	5231	3.0	4.5	1.5	100	4E4	4.83	.25	7.33	12.03	91.0	1.03	2.57	26.40		19.36	28.97	.62
	5232	4.5	6.0	1.5	100	4E4	4.84	.16	4.01	9.15	79.0	.89	3.51	33.30		13.16	36.81	.70
	5233	6.0	7.4	1.4	100	4E4	4.38	.24	5.95	12.82	94.0	1.78	3.34	22.60		18.77	25.94	.68
	5234	7.4	8.0	.6	100	4G4	4.76	.20	4.86	10.01	113.0	1.65	1.34	15.70		14.87	17.04	.67
	5235	8.0	10.0	2.0	100	4D4	3.99	.10	9.80	21.30	167.0	1.30	3.26	11.20		31.10	14.46	.68
	5236	10.0	11.8	1.8	100	4D4	3.85	.06	12.60	23.70	199.0	1.51	3.38	7.20		36.30	10.58	.65
	5237	49.8	51.3	1.5	100	4G4	4.42	.12	4.68	9.05	105.0	.89	1.69	20.40		13.73	22.09	.66
	5238	51.3	52.8	1.5	93	4G4	4.62	.14	6.47	11.90	106.0	1.23	1.45	13.20		18.37	14.65	.65
	5239	52.8	54.3	1.5	100	4G4	4.69	.12	5.19	9.73	94.0	1.10	1.49	15.00		14.92	16.49	.65
	5240	54.3	55.8	1.5	100	4G4	4.32	.11	4.99	9.07	106.0	.55	1.38	13.60		14.06	14.98	.65
	5241	55.8	57.3	1.5	100	4G0	3.44	.07	2.20	5.21	45.0	.41	2.14	8.70		7.41	10.84	.70
	5242	57.3	58.8	1.5	100	4G4	4.67	.20	5.78	8.07	118.0	1.30	1.15	21.70		13.85	22.85	.58
	5243	58.8	60.4	1.6	100	4G4	4.61	.26	7.32	9.65	166.0	1.65	1.26	24.10		16.97	25.36	.57

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU181	5229	4E4	.46	7.36	20.20	7.11	49.89		14.98	*	.48	4.24	21.85	6.69	43.17		23.57
	5230	4E4	.43	10.63	22.68	5.99	43.01		17.26	*	.44	6.06	24.26	5.57	36.81		26.86
	5231	4E4	.72	8.47	17.93	4.04	56.77		12.06	*	.77	5.04	20.01	3.92	50.68		19.58
	5232	4E4	.46	4.63	13.64	5.52	71.61		4.13	*	.52	2.92	16.11	5.67	67.68		7.10
	5233	4E4	.69	6.87	19.11	5.25	48.60		19.47	*	.69	3.85	20.07	4.80	40.84		29.74
	5234	4G4	.58	5.61	14.92	2.11	33.76		43.02	*	.50	2.72	13.58	1.67	24.58		56.94
	5235	4D4	.29	11.32	31.75	5.13	24.09		27.43	*	.27	5.94	31.23	4.38	18.95		39.23
	5236	4D4	.17	14.55	35.33	5.32	15.48		29.14	*	.16	7.56	34.42	4.50	12.07		41.29
	5237	4G4	.35	5.40	13.49	2.66	43.87		34.23	*	.32	2.77	12.99	2.22	33.78		47.92
	5238	4G4	.40	7.47	17.74	2.28	28.39		43.72	*	.35	3.61	16.07	1.80	20.57		57.60
	5239	4G4	.35	5.99	14.51	2.34	32.26		44.55	*	.30	2.89	13.11	1.84	23.32		58.55
	524C	4G4	.32	5.76	13.52	2.17	29.25		48.98	*	.27	2.71	11.92	1.66	20.63		62.81
	5241	4GO	.20	2.54	7.77	3.37	18.71		67.41	*	.15	1.08	6.20	2.34	11.95		78.28
	5242	4G4	.58	6.68	12.03	1.81	46.67		32.24	*	.54	3.49	11.80	1.54	36.62		46.00
	5243	4G4	.75	8.45	14.39	1.98	51.83		22.60	*	.75	4.71	15.04	1.80	43.34		34.36

DRILL HOLE : FAGU181
NORTHING : 904,832.2
EASTING : 592,401.6
ELEVATION : 1,161.4
TOTAL DEPTH : 68.5
SECTION : W 68
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 15
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 13
NOS DOWN-H-STRUCTURE: 8
NOS DOWN-H-FAULTS: 4
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU181 UTM-N: 904,832.2 UTM-E: 592,401.6 UTM-ELEV: 1,161.4 TOTAL DEPTH: 68.5 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	1.5	05229	1.5	1.2	4E4	4.52	.16	6.37	13.55	134.00		.96	4	23	27						
1.5	3.0	05230	1.5	1.5	4E4	4.13	.15	9.20	15.21	149.00		.69	3	20	23						
3.0	4.5	05231	1.5	1.5	4E4	4.83	.25	7.33	12.03	91.00	90.00	1.03	2	26	28						
4.5	6.0	05232	1.5	1.5	4E4	4.84	.16	4.01	9.15	79.00		.89	3	33	36						
6.0	7.4	05233	1.4	1.4	4E4	4.38	.24	5.95	12.82	94.00		1.78	3	22	25						
7.4	8.0	05234	.6	.6	4G4	4.76	.20	4.86	10.01	113.00		1.65	1	15	17						
8.0	10.0	05235	2.0	2.0	4D4	3.99	.10	9.80	21.30	167.00		1.30	3	11	14						
10.0	11.8	05236	1.8	1.8	4D4	3.85	.06	12.60	23.70	199.00		1.51	3	7	10						
49.8	51.3	05237	1.5	1.5	4G4	4.42	.12	4.68	9.05	105.00		.89	1	20	22						
51.3	52.8	05238	1.5	1.4	4G4	4.62	.14	6.47	11.90	106.00		1.23	1	13	14						
52.8	54.3	05239	1.5	1.5	4G4	4.69	.12	5.19	9.73	94.00		1.10	1	15	16						
54.3	55.8	05240	1.5	1.5	4G4	4.32	.11	4.99	9.07	106.00		.55	1	13	14						
55.8	57.3	05241	1.5	1.5	4G0	3.44	.07	2.20	5.21	45.00	44.00	.41	2	8	10						
57.3	58.8	05242	1.5	1.5	4G4	4.67	.20	5.78	8.07	118.00		1.30	1	21	22						
58.8	60.4	05243	1.6	1.6	4G4	4.61	.26	7.32	9.65	166.00		1.65	1	24	25						
WEIGHTED AVERAGE																					
.0	11.8		11.8	11.5		4.35	.15	7.95	15.60	133.14	11.44	1.19	3	19	22						
49.8	60.4		10.6	10.5		4.39	.14	5.25	8.96	106.28	6.22	1.02	1	16	18						

DDH: FAGU181 UTM-N: 904,832.2 UTM-E: 592,401.6 UTM-ELEV: 1,161.4 TOTAL DEPTH: 68.5 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	87.000	224.000

DDH: FAGU181 UTM-N: 904,832.2 UTM-E: 592,401.6 UTM-ELEV: 1,161.4 TOTAL DEPTH: 68.5 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU181	0.0	13.5	CS2		0	0	0	0	20	230	0	1	1	1
FAGU181	0.0	21.7	CS2		0	0	0	0	32	230	0	1	1	1
FAGU181	0.0	28.4	CS2		0	0	0	0	24	230	0	1	1	1
FAGU181	0.0	34.3	CS2		0	0	0	0	32	230	0	1	1	1
FAGU181	0.0	40.0	CS2		0	0	0	0	27	230	0	1	1	1
FAGU181	0.0	49.0	CS2		0	0	0	0	46	230	0	1	1	1
FAGU181	0.0	55.2	CS2		0	0	0	0	40	230	0	1	1	1
FAGU181	0.0	67.7	CS2		0	0	0	0	17	230	0	1	1	1

DDH: FAGU181 UTM-N: 904,832.2 UTM-E: 592,401.6 UTM-ELEV: 1,161.4 TOTAL DEPTH: 68.5 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU181	11.8	12.1	G			0	0	C	C	0	0	1
FAGU181	16.0	16.2	G			0	0	C	C	0	0	1
FAGU181	30.7	31.0	G			0	0	C	C	0	0	1
FAGU181	49.1	49.8	1Q			0	0	C	C	0	0	1

DDH: FAGU181 UTM-N: 904,832.2 UTM-E: 592,401.6 UTM-ELEV: 1,161.4 TOTAL DEPTH: 68.5 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU181	1	1

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU181	5229	4E4	.46	7.36	20.20	7.11	49.89		14.98	*	.48	4.24	21.85	6.69	43.17		23.57
	5230	4E4	.43	10.63	22.68	5.99	43.01		17.26	*	.44	6.06	24.26	5.57	36.81		26.86
	5231	4E4	.72	8.47	17.93	4.04	56.77		12.06	*	.77	5.04	20.01	3.92	50.68		19.58
	5232	4E4	.46	4.63	13.64	5.52	71.61		4.13	*	.52	2.92	16.11	5.67	67.68		7.10
	5233	4E4	.69	6.87	19.11	5.25	48.60		19.47	*	.69	3.85	20.07	4.80	40.84		29.74
	5234	4G4	.58	5.61	14.92	2.11	33.76		43.02	*	.50	2.72	13.58	1.67	24.58		56.94
	5235	4D4	.29	11.32	31.75	5.13	24.09		27.43	*	.27	5.94	31.23	4.38	18.95		39.23
	5236	4D4	.17	14.55	35.33	5.32	15.48		29.14	*	.16	7.56	34.42	4.50	12.07		41.29
	5237	4G4	.35	5.40	13.49	2.66	43.87		34.23	*	.32	2.77	12.99	2.22	33.78		47.92
	5238	4G4	.40	7.47	17.74	2.28	28.39		43.72	*	.35	3.61	16.07	1.80	20.57		57.60
	5239	4G4	.35	5.99	14.51	2.34	32.26		44.55	*	.30	2.89	13.11	1.84	23.32		58.55
	524C	4G4	.32	5.76	13.52	2.17	29.25		48.98	*	.27	2.71	11.92	1.66	20.63		62.81
	5241	4GO	.20	2.54	7.77	3.37	18.71		67.41	*	.15	1.08	6.20	2.34	11.95		78.28
	5242	4G4	.58	6.68	12.03	1.81	46.67		32.24	*	.54	3.49	11.80	1.54	36.62		46.00
	5243	4G4	.75	8.45	14.39	1.98	51.83		22.60	*	.75	4.71	15.04	1.80	43.34		34.36

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU181	5229	.0	1.5	1.5	80	4E4	4.52	.16	6.37	13.55	134.0	.96	4.52	23.20		19.92	27.72	.68
	5230	1.5	3.0	1.5	100	4E4	4.13	.15	9.20	15.21	149.0	.69	3.81	20.00		24.41	23.81	.62
	5231	3.0	4.5	1.5	100	4E4	4.83	.25	7.33	12.03	91.0	1.03	2.57	26.40		19.36	28.97	.62
	5232	4.5	6.0	1.5	100	4E4	4.84	.16	4.01	9.15	79.0	.89	3.51	33.30		13.16	36.81	.70
	5233	6.0	7.4	1.4	100	4E4	4.38	.24	5.95	12.82	94.0	1.78	3.34	22.60		18.77	25.94	.68
	5234	7.4	8.0	.6	100	4G4	4.76	.20	4.86	10.01	113.0	1.65	1.34	15.70		14.87	17.04	.67
	5235	8.0	10.0	2.0	100	4D4	3.99	.10	9.80	21.30	167.0	1.30	3.26	11.20		31.10	14.46	.68
	5236	10.0	11.8	1.8	100	4D4	3.85	.06	12.60	23.70	199.0	1.51	3.38	7.20		36.30	10.58	.65
	5237	49.8	51.3	1.5	100	4G4	4.42	.12	4.68	9.05	105.0	.89	1.69	20.40		13.73	22.09	.66
	5238	51.3	52.8	1.5	93	4G4	4.62	.14	6.47	11.90	106.0	1.23	1.45	13.20		18.37	14.65	.65
	5239	52.8	54.3	1.5	100	4G4	4.69	.12	5.19	9.73	94.0	1.10	1.49	15.00		14.92	16.49	.65
	5240	54.3	55.8	1.5	100	4G4	4.32	.11	4.99	9.07	106.0	.55	1.38	13.60		14.06	14.98	.65
	5241	55.8	57.3	1.5	100	4G0	3.44	.07	2.20	5.21	45.0	.41	2.14	8.70		7.41	10.84	.70
	5242	57.3	58.8	1.5	100	4G4	4.67	.20	5.78	8.07	118.0	1.30	1.15	21.70		13.85	22.85	.58
	5243	58.8	60.4	1.6	100	4G4	4.61	.26	7.32	9.65	166.0	1.65	1.26	24.10		16.97	25.36	.57

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U181

Project: GRUM

Location: VANGORDA PLATEAU

Claim: _____

UTM
Terr. Plane Co-ords.: 6,904,832.60 (156) N

conversion of K-A surveyor grid co-ords

592,401.83 (5967) E

Grid Co-ords.: 68W/2N

_____

Elevation: 1161.402

Total Depth: 68.6 m

Fabric Orientation Diagram:

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

Purpose: _____

RE Logged by: PN

Date(s) Logged: JUNE 8/80

Drilling Contractor: _____

Core:

Size	From	To
BQ	0	EOH

Collar Cased and Capped: _____

Started: 6/9/76 Completed: 7/9/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U-181

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	76-U-181	1161.4	9048321.2	591201.6	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	76-U-181	0 0	87.0	224.0	ATCOLLAR
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH 76-U181 (2–8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PN

Code (1)	From (10–14)	To (16–20)	Unit (22–23)	Code (25–27)	Description
L	0 0	7 4	1	4E~~0~~4	banded in sections; minor siliceous bands; most siliceous
					bet. 6.7 - 7.2m.; minor sph, gal; highly porous in
					sections
L	7 4	8 0	2	4G~~0~~4	minor sph, gal
L	8 0	11 8	3	4D4	abundant red sph; py; minor gal
L	11 8	14 0	4	5B6	gouge from 11.8-12.1m.; minor thin qtz veins; ankeritic veins;
L	14 0	19 6	5	4L3	minor py; qtz lenses; gouge from 16.0-16.2m.
L	19 6	32 1	6	5B0	minor qtz-baritic lenses w/ py in fractures; gouge from
					30.7-31.0m
L	32 1	33 5	7	5A0	slightly calcareous; w/ qtz-ankeritic veins w/ py
L	33 5	34 2	8	4L0	somewhat siliceous
L	34 2	47 3	9	5B0	minor graphite layers; py-bearing qtz lenses; numerous
					thin irregular calcite fracture fillings
L	47 3	49 8	10	5A0	as unit 7; but very calcareous; 49.1-49.8m abundant
					ankerite & qtz (+ barite?)
L	49 8	60 4	11	4G4	slightly calcareous; w/ sph & lesser galena; finely banded
L	60 4	65 5	12	4L2	slightly calcareous; w/ mariposite; calcareous-qtz
					veins; 4G4 from 61.1-61.2m; 62.5-62.6m.
L	65 5	68 6	13	5A0	minor py, qtz-calcite veins.
		EOH			

DDH 76-0.1.8.1 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: PN

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		11.8	FIZ	M			The rest of the core below 11.8m were only measured for S_2 to core axis angles.
S		13.5	CISIZ			210 2430	
S		21.7	CISIZ			312 21310	
S		28.4	CISIZ			214 21310	
S		34.3	CISIZ			312 21310	
S		41.00	CISIZ			217 21310	
S		49.0	CISIZ			416 21310	49.8 – 60.4 banded massive sulphides
S		55.2	CISIZ			410 2130	
S		61.77	CISIZ			117 21310	
		EIOIH					

DDH 76-V-181 (2 / 8)

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

Logged By: PN

Sampled By:

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27	LENGTH	REC.	UNIT
P	100	115	512219	1.5	1.2	4EØ4
P	115	130	512310	1.5	1.5	4EØ4
P	130	145	512311	1.5	1.5	4EØ4
P	145	160	512312	1.5	1.5	4EØ4
P	160	174	512313	1.4	1.4	4EØ4
P	174	180	512314	0.6	0.6	4GØ4
P	180	1100	512315	2.0	2.0	4D4
P	1100	1118	512316	1.8	1.8	4D4
P	1498	1513	512317	1.5	1.5	4G4
P	1513	1528	512318	1.5	1.4	4G4
P	1528	1543	512319	1.5	1.5	4G4
P	1543	1558	512410	1.5	1.5	4G4
P	1558	1573	512411	1.5	1.5	4G4O
P	1573	1588	512412	1.5	1.5	4G4
P	1588	1610	512413	1.6	1.6	4G4

FAULT

DDH F.A.G.U.1.8.1 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip (28–32)	S_1 Dip (34–38)	S_2 Dip (40–44)	Description
F	118	121	G					gouge
F	160	162	G					gouge
F	307	310	G					gouge
F	491	498	Q					abundant qtz & ankerite
								in SAO

DIAMOND DRILL RECORD

LOGGED BY Stanley B Hearnshelton

PROPERTY

D.D.H. No. U 181 PAGE 1

LATITUDE 2.11 BEARING OF HOLE +3° STARTED Sept 6/76

CLAIM No.

DEPARTURE [illegible] DIP OF HOLE COMPLETED Sept 7/76

N

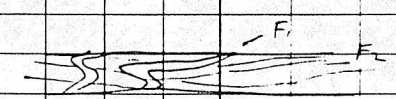
DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION DIP TESTS DEPTH Proposed: Ultimate: 65.6

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION		Rec. Ft. PZ	Rec. Ft. R	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	11.8	MASSIVE BANDED PYRITIC SULPHIDE. M BV bx	SY.				~~0~~	~~1.5~~									
		Massive Sulphide: 75-90 Sulphide: Pyrite;	80	12	1.2	B201	0	1.5	1.5	6.12	[illegible]	78.86			[illegible]	[illegible]	[illegible]
		orange-amber sphalerite, galena, Note locally	80	15	1.5	B202	1.5	3.0	1.5	8.41	16.86	129.44			[illegible]	[illegible]	
		contains white barite ex 7.4-8.2 m. C.g. (3-4cm)	85	10	1.6	B203	3.0	4.6	1.6	7.13	1.60	[illegible]			[illegible]	[illegible]	[illegible]
		blebs of sph-galena at 6 m. Some banded	85	10	1.5	B204	4.6	6.1	1.5	4.80	[illegible]	78.86			[illegible]	[illegible]	
		zones porous. Grade varies 10-20%. ave 15.	80	18	1.5	B205	6.1	7.6	1.5	7.41	14.53	87.77			[illegible]	[illegible]	[illegible]
		Note mini-bx zones at 5-5.7. Local buff ankerite.	75	15	1.5	B206	7.6	9.1	1.5	6.31	15.14	[illegible]			[illegible]	[illegible]	[illegible]
		CA.: 2 = F_1 = 45; 4 = F_1 55; 6 = 36 F_1; 8 = 37 F_1;	80	20	1.6	B207	9.1	10.7	1.6	10.44	22.56	[illegible]					[illegible]
		10 = 50 F_1.	80	20	1.1	B208	10.7	11.8	1.1	10.41	20.77	[illegible]			[illegible]	[illegible]	
11.8	13.8	GREY QU SERICITE PHYLLITE. S				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
		Contact with sulphide is muddy gouge for				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
		0.2 m. Barren of PbZn. Rock lustrous															
		mica-rich. Broken. Minor pyrite.															
		CA 12 = F_2 = 30; 14 = F_1 65, F_2 7 opp dip.															

LOGGED BY JBR D.D.H. Nº 4181 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
11.8	19.8	CREAM BLEACHED QU-SER PHYLLITE Sb	1.1	✓	13.1	14.6	1.5								
		Rock broken, with muddy gouge at 16-16.2													
gouge contact		local thin qu-veins	0.8	✓	18.3	19.8	1.5								
		CA. 14 = 25 F_2; 16 = gouge, F_2 = 20; 18 = F_2 = 10.	0.8	✓	19.8	21.3	1.5								
19.8	32.5	GREY QU-SERICITE PHYLLITE S													
		Med-dk grey, mica-rich phyllite													
		not v. quartzose. Thin veins of													
		qu, with local blebs of py, po.													
		F_2 foliation sub-parallel to core axis.													
		Broken gouged 30.5-32:													
		CA. 20 = F_2 = 8; 22 = F_2 = 30; 24 = F_2 = 28;													
		26 = F_2 = 20; 28 = F_2 = 20; 30 = F_2 = 17; 32 = 30 F_2													
			0.5	✓	32	33.5	1.5								
32.5	49.8	BLACK QU-GRAPHITIC PHYLLITE G.													
		Thin zone of bleached-buff qu-ser phy, with	0.5	✓	35.1	36.6	1.5			F_1 – F_2		41-42 m			
		Small-scale F_2 fold noses at 33.5-34	0.7	✓	36.6	38.1	1.5								
		Minor pyrite. Unit becomes quartzose from 38 on													
		More striped with net veins of white qu-carbonate.													
		Rock broken 35-39.6. Minor py. blebs.													
		CA: 34 = F_2 = 41, 36 = F_2 = 44; 38 = F_2 = 60 F_2 = 40 S dip.													



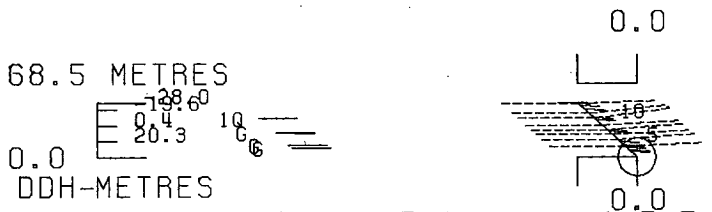
LOGGED BY _____ D.D.H. NO 81131 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		CA 40 = F_2 = 29, 42 = F_2 = 10, 44 = F_2 = 40,													
		46 = F_2 = 10, 48 = F_2 = 45 ≪ F_2 folds, varies to													
		10 F_2 ;													
			S PZ R.	B209	~~49.8~~	~~51.3~~	1.5								
49.8	60.4	MASSIVE BANDED BARITIC SULPHIDE. MBL	75 15 1.5	B209	49.8	51.3	1.5	5.46	9.30	91.89					
			75 15 1.4	B210	51.3	52.8	1.5	7.05	4.92	87.77					
		Fine grained pyrite, amber sph, galena, barite	75 15+ 1.5	B211	52.8	54.3	1.5	5.70	16.16	84.69					
		v. finely banded, locally folded (F_2?).	75 15+ 1.5	B212	54.3	55.8	1.5	4.58	8.69	85.72					
		Minor pyrite at 53.6 m. Sulphide 75%, Barite	15 5 1.3	B213	55.8	57.1	1.3	2.40	5.48	37.72					
		20-25% locally. Grade 15% plus. Pb-Zn.	75 15+ 1.5	B214	57.1	58.6	1.5	5.65	8.67	103.89					
		Graphitic-Sulphide band 55.1-57.1 near F_2 fold nose.	75 15+ 1.8	B215	58.6	~~60.4~~ 60.4	~~1.8~~ 1.8	7.80	10.21	150.12					
		CA 50 = F_1 = 50, 52 = F_1 55, 54 = F_1 = 42, 56 = F_1 =													
		10 ; F_2 fold nose (1.5m nose) ; 58 = F_1 = 35 ;		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
		60 = F_1 = 10, Fold nose ; 62 - F_1 = 15 fold nose ; 64 =		"	57.3	58.8	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
				"	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
60.4	65.5	ALTERED QU-SER MAFIPOSITE PHYLLITE WITH SBM		"	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
		beds thin bands of MASSIVE BARITIC	0.3 /		60.4	61.	0.6								
		SULPHIDE which are in F_2 fold noses at	1.5 /		61.	62.5	1.5								
		61.2 and 62.5. Note worthy of assay.	0.2 /		62.5	64	1.5								
		Poor core recovery.	0.2 /		64	65.5	1.5								
		CA 64 = 10 F_2, F_1 to be concaxis ; b													

LOGGED BY [illegible] D.D.H. Nº [illegible] PAGE [illegible]

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
65.5	68.6	BLACK STRIPED & GRAPHITIC PHYLLITE (G.)													
		Barren mica-rich graphitic phyllite.													
		F_2 sub parallel to core axis.													
		OA: 66 = F_2=25; 68 F_2=20:													
END	68.6														

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 22 OCT 1985 1:43 PM



DDH: FAGU181 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

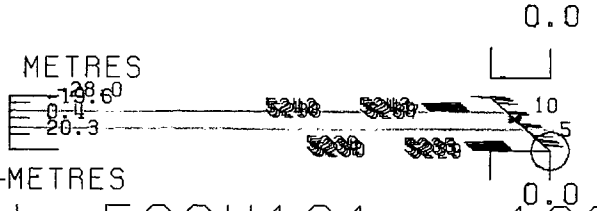
ELEV: 1161 592402E ; 904832N 1150 M.

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 637.2 Z = 1161.4

SECTION NAME: 01N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 22 OCT 1985 1:44 PM



ELEVATION ABOVE S.L.

4E4 /4G4 /4D4 /5B6 /4L3 /5B0 /5A0 /4L0 /5B0 /5A0 /4G4 / 5D4×/5A0

DDH: FAGU181 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1161 592402E ; 904832N 1150 M.

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 637.2 Z = 1161.4

SECTION NAME: 01N

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU183	5128	.0	1.6	1.6		4E4	4.55	.20	5.23	11.40	84.0	.75	3.23	25.90		16.63	29.13	.69
	5129	1.6	3.0	1.4		4A0	3.07	.11	2.57	1.83	43.0	.82	1.54	13.30		4.40	14.84	.42
	513C	3.0	6.0	3.0		4AC3	3.68	.15	1.75	3.18	34.0	1.23	1.71	21.00		4.93	22.71	.65
	5131	6.0	7.5	1.5		4A34	3.42	.10	2.86	3.48	41.0	1.10	1.65	15.40		6.34	17.05	.55
	5132	7.5	9.7	2.2		4A34	3.42	.08	3.90	6.69	52.0	1.23	2.63	12.60		10.59	15.23	.63
	5133	9.7	11.2	1.5		4E4	4.52	.22	6.09	12.00	93.0	2.33	4.21	25.40		18.09	29.61	.66
	5134	11.2	12.7	1.5		4E4	4.45	.18	8.00	15.10	142.0	1.65	2.87	22.40		23.10	25.27	.65
	5135	12.7	14.2	1.5		4E4	4.30	.06	7.32	13.10	130.0	1.37	2.45	21.30		20.42	23.75	.64
	5136	14.2	15.7	1.5		4E4	3.71	.23	3.90	7.63	78.0	1.51	2.40	17.60		11.53	20.00	.66
	5137	15.7	17.2	1.5		4E4	4.09	.20	4.95	9.50	75.0	1.51	3.00	22.10		14.45	25.10	.66
	5138	17.2	18.3	1.1		4E4	4.35	.20	4.57	13.20	91.0	1.65	5.96	21.50		17.77	27.46	.74
	5139	18.3	20.3	2.0		404	3.61	.03	7.13	20.60	177.0	1.17	4.84	6.00		27.73	10.84	.74
	5140	20.3	21.9	1.6		404	3.54	.05	8.08	18.20	143.0	1.23	3.89	5.70		26.28	9.59	.69

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU183	5128	4E4	.58	6.04	17.00	5.08	55.70		15.61	*	.60	3.48	18.38	4.78	48.20		24.56
	5129	4A0	.32	2.97	2.73	2.42	28.60		62.96	*	.25	1.31	2.25	1.74	18.88		75.57
	5130	4AC3	.43	2.02	4.74	2.69	45.16		44.95	*	.38	.98	4.31	2.12	32.82		59.40
	5131	4A34	.29	3.30	5.19	2.59	33.12		55.51	*	.24	1.51	4.45	1.93	22.70		69.18
	5132	4A34	.23	4.50	9.97	4.14	27.10		54.06	*	.19	2.06	8.56	3.09	18.61		67.49
	5133	4E4	.64	7.03	17.89	6.62	54.62		13.20	*	.67	4.13	19.68	6.33	48.07		21.12
	5134	4E4	.52	9.24	22.51	4.51	48.17		15.04	*	.54	5.34	24.39	4.25	41.76		23.71
	5135	4E4	.17	8.45	19.53	3.85	45.81		22.18	*	.17	4.67	20.24	3.47	37.99		33.45
	5136	4E4	.66	4.50	11.37	3.77	37.85		41.83	*	.58	2.21	10.45	3.02	27.83		55.92
	5137	4E4	.58	5.72	14.16	4.72	47.53		27.30	*	.55	3.06	14.22	4.12	38.18		39.87
	5138	4E4	.58	5.28	19.68	9.37	46.24		18.86	*	.58	2.94	20.58	8.52	38.69		28.69
	5139	4D4	.09	8.23	30.71	7.61	12.90		40.45	*	.07	3.96	27.68	5.96	9.30		53.03
	5140	4D4	.14	9.33	27.13	6.12	12.26		45.02	*	.12	4.41	24.04	4.71	8.69		58.02

DRILL HOLE : FAGU183
NORTHING : 904,832.2
EASTING : 592,401.5
ELEVATION : 1,160.6
TOTAL DEPTH : 76.2
SECTION : W 68
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	13
NOS DOWN-H-SURVEYS:	1
NOS DOWN-H-LITHOLOGY:	7
NOS DOWN-H-STRUCTURE:	13
NOS DOWN-H-FAULTS:	11
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU183 UTM-N: 904,832.2 UTM-E: 592,401.5 UTM-ELEV: 1,160.6 TOTAL DEPTH: 76.2 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	1.6	05128	1.6	.0	4E4	4.55	.20	5.23	11.40	84.00		.75	3	25	29						
1.6	3.0	05129	1.4	.0	4A0	3.07	.11	2.57	1.83	43.00		.82	1	13	14						
3.0	6.0	05130	3.0	.0	4AC3	3.68	.15	1.75	3.18	34.00		1.23	1	21	22						
6.0	7.5	05131	1.5	.0	4A34	3.42	.10	2.86	3.48	41.00		1.10	1	15	17						
7.5	9.7	05132	2.2	.0	4A34	3.42	.08	3.90	6.69	52.00		1.23	2	12	15						
9.7	11.2	05133	1.5	.0	4E4	4.52	.22	6.09	12.00	93.00		2.33	4	25	29						
11.2	12.7	05134	1.5	.0	4E4	4.45	.18	8.00	15.10	142.00		1.65	2	22	25						
12.7	14.2	05135	1.5	.0	4E4	4.30	.06	7.32	13.10	130.00	137.00	1.37	2	21	23						
14.2	15.7	05136	1.5	.0	4E4	3.71	.23	3.90	7.63	78.00		1.51	2	17	20						
15.7	17.2	05137	1.5	.0	4E4	4.09	.20	4.95	9.50	75.00		1.51	3	22	25						
17.2	18.3	05138	1.1	.0	4E4	4.35	.20	4.57	13.20	91.00		1.65	5	21	27						
18.3	20.3	05139	2.0	.0	4D4	3.61	.03	7.13	20.60	177.00		1.17	4	6	10						
20.3	21.9	05140	1.6	.0	4D4	3.54	.05	8.08	18.20	143.00		1.23	3	5	9						
WEIGHTED AVERAGE																					
.0	21.9		21.9	.0		3.86	.13	4.91	10.09	88.23	9.38	1.32	2	17	20						

DDH: FAGU183 UTM-N: 904,832.2 UTM-E: 592,401.5 UTM-ELEV: 1,160.6 TOTAL DEPTH: 76.2 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	119.900	229.600

DDH: FAGU183 UTM-N: 904,832.2 UTM-E: 592,401.5 UTM-ELEV: 1,160.6 TOTAL DEPTH: 76.2 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.6	0001	4E4		0.5-	1
9.7	0002	4A3	(4A0)TOI(4A&4) (4C0) A:C=85:15	0.5-	1
18.3	0003	4E4	& POROUS & BXA	0.5-	1
21.9	0004	4D4		0.5-	1
31.9	0005	5B6	(5D0) 90:10	0.5-	1
35.6	0006	4LC	&4	0.5-	1
76.2	0007	5B0	&2	0.5-	1

DDH: FAGU183 UTM-N: 904,832.2 UTM-E: 592,401.5 UTM-ELEV: 1,160.6 TOTAL DEPTH: 76.2 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU183	0.0	6.1	CS2		0	0	0	0	11	230	0	1	1	1
FAGU183	0.0	9.5	CS2		0	0	0	0	29	230	0	1	1	1
FAGU183	0.0	21.8	CS2		0	0	0	0	50	230	0	1	1	1
FAGU183	0.0	24.8	CS2		0	0	0	0	26	230	0	1	1	1
FAGU183	0.0	28.7	CS2		0	0	0	0	20	230	0	1	1	1
FAGU183	0.0	33.2	CS2		0	0	0	0	20	230	0	1	1	1
FAGU183	0.0	39.0	CS2		0	0	0	0	36	230	0	1	1	1
FAGU183	0.0	45.4	CS2		0	0	0	0	27	230	0	1	1	1
FAGU183	0.0	48.3	CS2		0	0	0	0	24	230	0	1	1	1
FAGU183	0.0	50.3	CS2		0	0	0	0	28	230	0	1	1	1
FAGU183	0.0	65.4	CS2		0	0	0	0	22	230	0	1	1	1
FAGU183	0.0	70.5	CS2		0	0	0	0	33	230	0	1	1	1
FAGU183	0.0	74.5	CS2		0	0	0	0	40	230	0	1	1	1

DDH: FAGU183 UTM-N: 904,832.2 UTM-E: 592,401.5 UTM-ELEV: 1,160.6 TOTAL DEPTH: 76.2 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU183	0.7	C.9	XD?		C	0	C	C	0	0	1
FAGU183	0.C	1C.0	XD?		0	0	C	0	0	0	1
FAGU183	15.6	18.3	XD?		0	0	C	0	0	0	1
FAGU183	21.9	24.4	G		0	0	C	C	0	0	1
FAGU183	37.1	37.5	Q		0	0	C	C	0	0	1
FAGU183	50.8	51.0	G		0	0	C	C	0	0	1
FAGU183	52.3	52.5	G		0	0	0	0	0	0	1
FAGU183	54.9	56.0	G		0	0	0	C	0	0	1
FAGU183	59.4	59.6	G		0	0	C	C	0	0	1
FAGU183	0.0	63.0	G		0	0	0	C	0	0	1
FAGU183	68.9	69.3	G		0	0	C	C	0	0	1

DDH: FAGU183 UTM-N: 904,832.2 UTM-E: 592,401.5 UTM-ELEV: 1,160.6 TOTAL DEPTH: 76.2 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU183	1	1

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAD %	PB+ZN %	PO+PY %	ZN RATIO
FAGU183	5128	.0	1.6	1.6		4E4	4.55	.20	5.23	11.40	84.0	.75	3.23	25.90		16.63	29.13	.69
	5129	1.6	3.0	1.4		4A0	3.07	.11	2.57	1.83	43.0	.82	1.54	13.30		4.40	14.84	.42
	5130	3.0	6.0	3.0		4AC3	3.68	.15	1.75	3.18	34.0	1.23	1.71	21.00		4.93	22.71	.65
	5131	6.0	7.5	1.5		4A34	3.42	.10	2.86	3.48	41.0	1.10	1.65	15.40		6.34	17.05	.55
	5132	7.5	9.7	2.2		4A34	3.42	.08	3.90	6.69	52.0	1.23	2.63	12.60		10.59	15.23	.63
	5133	9.7	11.2	1.5		4E4	4.52	.22	6.09	12.00	93.0	2.33	4.21	25.40		18.09	29.61	.66
	5134	11.2	12.7	1.5		4E4	4.45	.18	8.00	15.10	142.0	1.65	2.87	22.40		23.10	25.27	.65
	5135	12.7	14.2	1.5		4E4	4.30	.06	7.32	13.10	130.0	1.37	2.45	21.30		20.42	23.75	.64
	5136	14.2	15.7	1.5		4E4	3.71	.23	3.90	7.63	78.0	1.51	2.40	17.60		11.53	20.00	.66
	5137	15.7	17.2	1.5		4E4	4.09	.20	4.95	9.50	75.0	1.51	3.00	22.10		14.45	25.10	.66
	5138	17.2	18.3	1.1		4E4	4.35	.20	4.57	13.20	91.0	1.65	5.96	21.50		17.77	27.46	.74
	5139	18.3	20.3	2.0		4D4	3.61	.03	7.13	20.60	177.0	1.17	4.84	6.00		27.73	10.84	.74
	5140	20.3	21.9	1.6		4D4	3.54	.05	8.08	18.20	143.0	1.23	3.89	5.70		26.28	9.59	.69

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU183	5128	4E4	.58	6.04	17.00	5.08	55.70		15.61	*	.60	3.48	18.38	4.78	48.20		24.56
	5129	4A0	.32	2.97	2.73	2.42	28.60		62.96	*	.25	1.31	2.25	1.74	18.88		75.57
	5130	4AC3	.43	2.02	4.74	2.69	45.16		44.95	*	.38	.98	4.31	2.12	32.82		59.40
	5131	4A34	.29	3.30	5.19	2.59	33.12		55.51	*	.24	1.51	4.45	1.93	22.70		69.18
	5132	4A34	.23	4.50	9.97	4.14	27.10		54.06	*	.19	2.06	8.56	3.09	18.61		67.49
	5133	4E4	.64	7.03	17.89	6.62	54.62		13.20	*	.67	4.13	19.68	6.33	48.07		21.12
	5134	4E4	.52	9.24	22.51	4.51	48.17		15.04	*	.54	5.34	24.39	4.25	41.76		23.71
	5135	4E4	.17	8.45	19.53	3.85	45.81		22.18	*	.17	4.67	20.24	3.47	37.99		33.45
	5136	4E4	.66	4.50	11.37	3.77	37.85		41.83	*	.58	2.21	10.45	3.02	27.83		55.92
	5137	4E4	.58	5.72	14.16	4.72	47.53		27.30	*	.55	3.06	14.22	4.12	38.18		39.87
	5138	4E4	.58	5.28	19.68	9.37	46.24		18.86	*	.58	2.94	20.58	8.52	38.69		28.69
	5139	4D4	.09	8.23	30.71	7.61	12.90		40.45	*	.07	3.96	27.68	5.96	9.30		53.03
	5140	4D4	.14	9.33	27.13	6.12	12.26		45.02	*	.12	4.41	24.04	4.71	8.69		58.02

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U183

Fabric Orientation Diagram:

Project: GRUM

Location: VANGORDA PLATEAU

Claim: _____

conversion of UTM ~~Terr~~. Plane Co-ords.: 6,904,832.60 (201) N

K-A surveyed grid co-ords

592,401.83 (5025) E

Grid Co-ords.: 68W/2N

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

Elevation: 1160.581

Total Depth: 76.2m

Purpose: _____

RE Logged by: PN Date(s) Logged: JUNE 9 '80

Drilling Contractor: _____

Core: Size From To Collar Cased and Capped: ____

BQ 0 EOH

Started: 7/9/76 Completed: 8/9/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U-183
(2 — 8)

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 — 8	10 — 16	17 — 24	25 — 32	34 — 48
T	76-U-183	1160.6	9048321.2	592401.5	METRES

229.6 for True North

Code	Drillhole	Depth		Zenith Angle		True Azimuth	Comments
1	2 — 8	10 — 13	14	22 — 25	26	28 — 32	34 — 56
R	76-U-183	0	0	119.9		228.1	AT COLLAR
R							
R							
R							
R							
R							
R							
R							
R							
R							
R							
R							
R							
R							
R							
R							

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

DDH 76-U-183 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PN

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	10 0	11 6	1	4IE10	4 w/ gal, sph; minor qtz blebs; py breccia from 0.7-0.9m.
L	11 6	19 7	2	4A13	w/ minor sph & lesser gal: 4CO from 3.5-4.6m.
L	19 7	118 3	3	4E10	4 py breccia at 10.0m; 15.6-18.3m; highly porous from 11.5-11.8m.; becomes more siliceous below 12.2m.
L	118 3	121 9	4	4D14	minor py, gal, & phyllite
L	121 9	131 9	5	5B16	5DO 21.9-22.9m; minor chlorite blebs & qtz veins; gouge from 21.9-24.4m.
L	131 9	135 6	6	4L10	minor py blebs & siliceous lenses; sulphide layer w/ py & minor sph from 34.7-35.1m.
L	135 6	176 2	7	5B10	variably calcareous; minor py blebs; qtz vein 37.1-37.5m; abundant thin ankerite layers from 38.9-39.8m; graphitic from 47.9-48.8m; gouge from 50.8-51m, 52.3-52.5m, 54.9-56.0m, 59.4-59.6m at 63.0m, and from 68.9-69.3m
		E01H			

DDH 76-U-183 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: PN

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		16 1	CLSLZ			111 2310	Only S2 angles to the core axis were measured.
S		95	CLSLZ			219 2310	9.7-21.9m massive sulphides
S		211 8	CLSLZ			510 2310	
S		214 8	CLSLZ			216 2310	
S		218 7	CLSLZ			210 2310	
S		313 2	CLSLZ			210 2310	
S		319 0	CLSLZ			316 2310	
S		415 4	CLSLZ			217 2310	
S		483	CLSLZ			214 2310	
S		510 3	CLSLZ			218 2310	
S		615 4	CLSLZ			212 2310	
S		710 5	CLSLZ			313 2310	
S		745	CLSLZ			410 2310	
		EOH					

DDH 76-0183

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

Logged By: PN

Sampled By:

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27	LENGTH	REC.	UNIT
P	100	116	151218	1.6		4E Ø 4
P	116	130	151219	1.4		4A B 0
P	130	145	151310	1.5		4A B 3
P	145	160	151310	1.5		4A B Ø 3
P	160	175	151311	1.5		4A 3 4
P	175	197	151312	1.2		4A 3 4
P	197	1112	151313	1.5		4E Ø 4
P	1112	1127	151314	1.5		4E Ø 4
P	1127	1142	151315	1.5		4E Ø 4
P	1142	1157	151316	1.5		4E Ø 4
P	1157	1172	151317	1.5		4E Ø 4
P	1172	1183	151318	1.1		4E Ø 4
P	1183	1210 3	151319	2.0		4D 4
P	1210 3	1219	151410	1.6		4D 4

FAULT

DDH FAGU.183 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	107	109	XDI?					pyrite bxa } in 4E4
F		1100	XDI?					pyrite bxa
F	1156	1183	XDI?					pyrite bxa
F	1219	1244	G					gouge
F	1317	1375	Q					qtz vein
F	1508	1510	G					
F	1523	1525	G					gouge in 5B0
F	1549	1560	G					
F	1594	1596	G					
F		1630	G					
F	1689	1693	G					

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

DIAMOND DRILL RECORD

LOGGED BY STANLEY B. REAMSBOTTOM

D.D.H. Nº 76-U-183 PAGE 1

PROPERTY GRUM JOINT VENTURE

CLAIM Nº

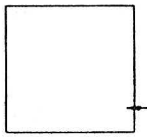
LATITUDE 10,623.25 2N STARTED SEPTEMBER 7, 1976

DEPARTURE 7,704.20 68W COMPLETED SEPTEMBER 8, 1976

ELEVATION 1,171.19 PROPOSED DEPTH

ULTIMATE DEPTH 76.2m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	231° 50'	-29° 50'



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	1.6	MASSIVE BANDED PYRITIC SULPHIDE (MBx). 80 15	1.5	B216	0	1.5	1.5	6.27	13.71	110.1			9.41	20.57	165.09
		Fine grained magnetite, pyrite, sphalerite, galena, which is													
		locally brecciated (1m.). Banding parallels core axis.													
		CA: 1.2 = 7°.													
1.6	9.7	RIBBON BANDED QUARTZ-GRAPHITE SULPHIDE (PBgx). 25 2-4	1.5	B217	1.5	3.0	1.5	3.50	2.55	47.31			5.25	3.83	70.97
		Quartz-py laminae (3-4m.) alternating with black 50 2-4	1.5	B218	3.0	4.5	1.5	1.68	2.55	30.17			2.52	3.83	45.26
		graphitic cherty laminae. F banding parallels core. 45 2-4	1.5	B219	4.5	6.0	1.5	2.13	4.00	35.31			3.20	6.00	52.97
		Local massive pyrite bands at 3.4-4.4; 4.6-5.6. These 30 2-4	1.5	B220	6.0	7.5	1.5	3.33	3.65	43.54			5.00	5.48	65.31
		again possibly thin; parallel to core. Sulphide: 30- 30 2-4	1.0	B221	7.5	8.5	1.0	1.05	2.45	22.29			1.05	2.45	22.29
		50%; pyrite: minor, sphalerite galena. Note Bx zone 30 6-8	1.2	B222	8.5	9.7	1.2	6.11	8.16	70.63			7.33	9.79	84.76
		8-8.7m.													
		CA: 2 = F 25' 4 = F = 10; 6 = F = 10; 8 = F = 30, 10 =		W.Av.	0	3.0	3.0	4.89	8.13	78.69			14.66	24.40	236.06
		F = 35.		W.Av.	4.5	7.5	3.0	2.73	3.83	39.43			8.20	11.48	118.28

LOGGED BY _____ D.D.H. NO 76-U-183 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
9.7	21.8	MASSIVE BANDED PYRITIC, SPHALERITE-RICH SULFIDE (MBvx).													
		Locally the sulphide has a porous, vuggy texture and 80 +15	1.5	B223	9.7	11.2	1.5	5.91	11.75	76.80			8.87	17.63	115.20
		has also been brecciated. These Bx. zones (9.7-10.2; 80 20	1.5	B224	11.2	12.7	1.5	7.46	14.93	103.9			11.19	22.40	115.84
		11-11.3; 12.7-13.0) have been recemented by fine 80 20	1.5	B225	12.7	14.2	1.5	7.28	12.71	114.2			10.92	19.07	171.26
		grained sulphide. Locally sulphide has flecks of ser- 70 12	1.5	B226	14.2	15.7	1.5	3.80	7.95	67.54			5.70	11.93	101.31
		phyllite, and ankerite. Grade varies 10-20% PbZn; 75 20	1.5	B227	15.7	17.2	1.5	4.98	8.08	69.60			7.47	12.12	104.4
		averages 15%. Note extensive sulphide - Bx zone 13.7- 80 15	1.5	B228	17.2	18.7	1.5	5.68	12.05	74.74			8.52	18.08	112.11
		19.8. Sulphides in this section vuggy, porous, sph- 80 +20	1.5	B229	18.7	20.2	1.5	7.61	21.12	134.1			11.42	31.68	201.09
		rich. Last 2m. has sericite-mariposite inclusions. 75 18-20	1.6	B230	20.2	21.8	1.6	8.72	19.99	151.2			13.95	31.98	241.92
		CA: 12 = F_1 = 25; 14 = F_1 = 7 parallel to core; 16 = Bx;		W.Av.	8.5	21.8	13.3	6.42	13.13	96.83			85.37	174.86	1287.9
		18 = Bx; 20 = F_1 = 15 = folded.		W.Av.	14.2	17.2	3.0	4.39	8.02	68.57			13.17	24.05	205.71
				W.Av.	0	21.8	21.8	5.13	9.95	78.4			111.80	216.84	1709.8
21.8	32.0	GRAY QUARTZ-SERICITE PHYLLITE (S).	1.1		22.9	24.4	1.5								
		Lustrous, barren, mica-rich phyllite. Rock broken and													
		gouged 21.8-24.4. Note F_2 foliation mainly sub-parallel to													
		core axis. Local thin sericite (white) rich zones 0.1-0.3m.													
		Thin quartz-veins, some with green chlorite knots.													
		CA: 22 = F_2 = 40; 24 = F_2 = 4°; 26 = F_2 = 5°; 28 = F_2 = 6,													
		F_2 80 (folds); 30 = F_1 = 65, F_2 = 18 folds, same dip;													
		32 = F_2 = 24.													

LOGGED BY _____ D.D.H. NO 76-U-183 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
32.0	35.6	WHITE-CREAM BLEACHED QUARTZ-SERICITE PHYLLITE (Sb).													
		With thin band of sulphide 34.7-35.2. Pyrite, magnetite,													
		minor sphalerite, 2-3% PbZn. F_2 sub-parallel to core axis.													
		CA: $34 = 21\ F_2$; $36 = F_2 = 18$.													
	76.2	GRAY QUARTZ-SERICITE PHYLLITE (Ssb).													
		With thin zones of slight bleached sericite-rich phyllite.													
		Quartz veins 37-37.5; buff ankerite in bleached sericite													
		zones (39-40). F_2 fold zone 39-43m. Minor pyrite blebs,													
		some sphalerite at 42.6.													
		CA: $38 = F_2 = 30$; $40 = F_2\ 19$; $42 = F_1\ 25$, $F_2\ 30$ oppisite													
		dip.													
		Unit becomes more striped quartz-rich from 44m on. Also thin													
		graphitic zone at 48-48.8. Many small-scale F_2 folds from													
		44 on. Local Py in quartz-carb. veins. Broken-fracture	0.7		54.9	56.4	1.5								
		gouge zone 51-64m. Fractured rock recemented by white cry-	0.5		56.4	57.9	1.5								
		stalline calcite 54.8-56.0. Recovery poor.	0.5		57.9	59.4	1.5								
			0.5		59.4	61.0	1.6								
			0.4		61.0	62.5	1.5								
			0.5		62.5	64.0	1.5								
			1.1		64.0	65.5	1.5								

LOGGED BY _____ D.D.H. NO. 76-U-183 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		CA: 44 = F$_1$ 70, F$_2$ 20 same dip; 46 = F$_1$ = 70, F$_2$ = 9 same dip; 48 = F$_1$ = 65, F$_2$ 30 oppisite dip; 50 = F$_2$ = 32; 52 = F$_1$ = 4; 54 = 25 F$_2$; 56 = Bx. zone; 58 = F$_2$ = 15, fault slips; 60 = F$_2$ = 11; 62 = F$_2$ = 10; 64 = F$_2$ = 10	0.9		68.6	70.1	1.5								
		66 = F$_2$ = 85, F$_1$ 11 oppisite dip; 68 = F$_1$ = 45, F$_2$ = 18 oppisite dip; 70 = 26 F$_2$; 72 = F$_2$ = 36; 74 = F$_1$ = 60, F$_2$ 35 oppisite dip.													
	76.2	END OF HOLE.													

DDH: FAGU183 -- 132 DEGREE PROFILE

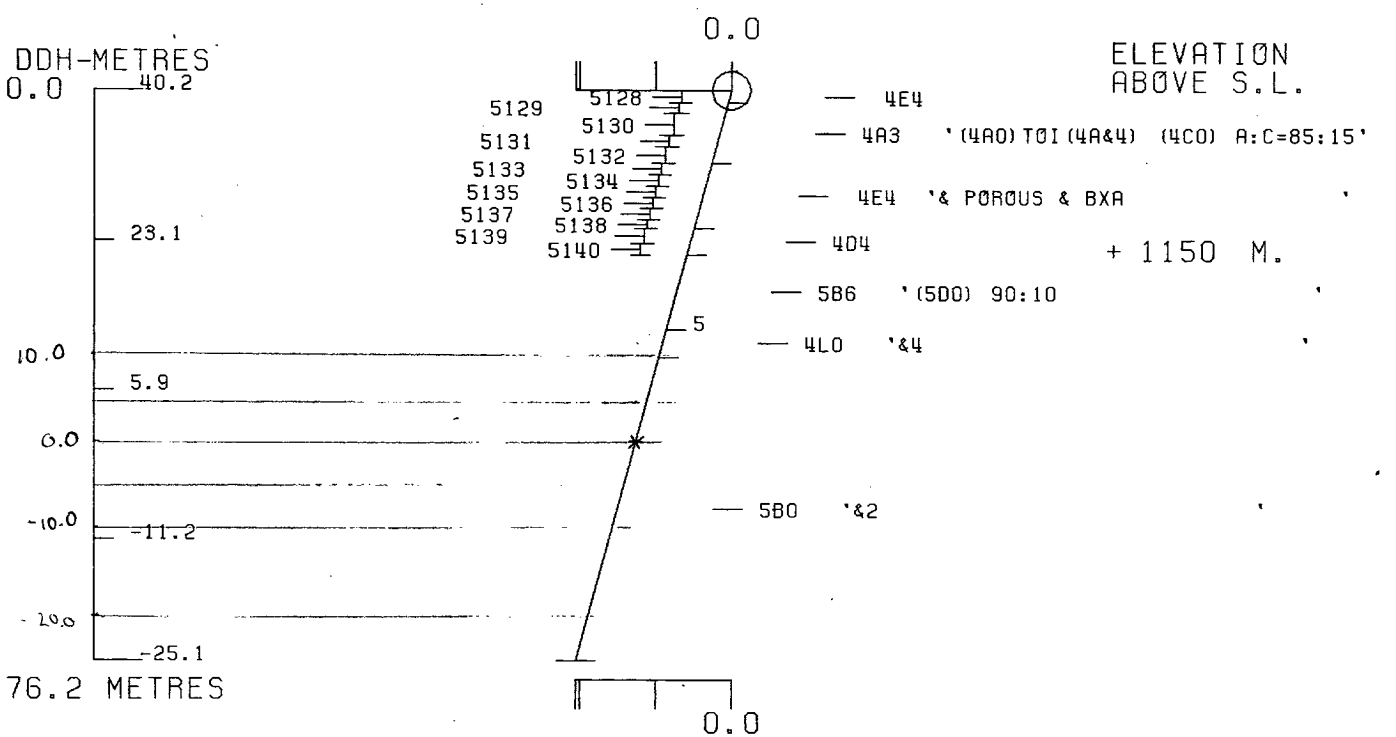
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1161 592402E ; 904832N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 637.2 Z = 1160.6

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH162 22 OCT 1985 1:46 PM

DDH: FAGU183 -- 132 DEGREE PROFILE

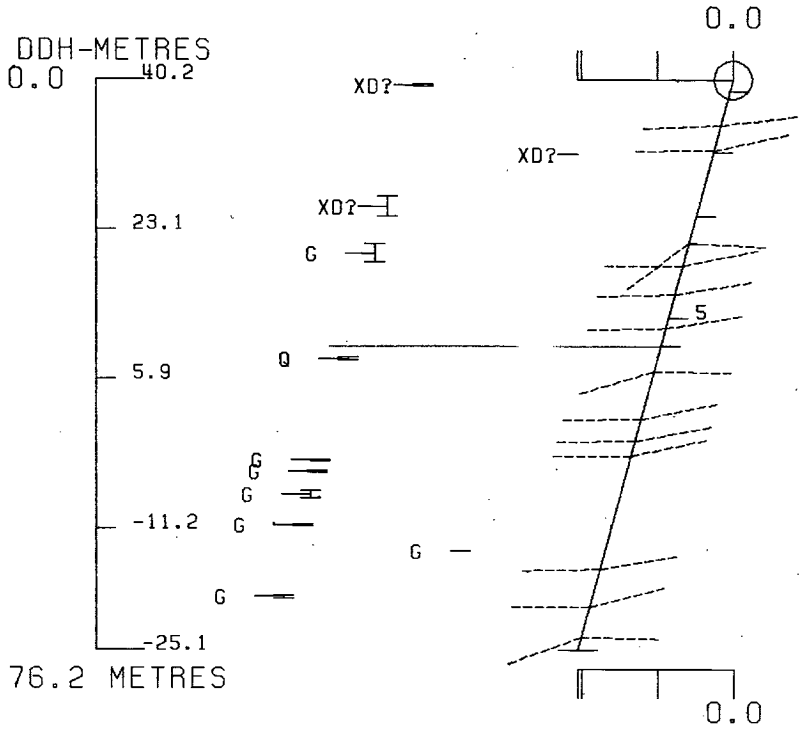
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1161 592402E ; 904832N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 637.2 Z = 1160.6

SECTION NAME: 01N



ELEVATION ABOVE S.L.

+ 1150 M.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 22 OCT 1985 1:44 PM

DRILL HOLE : FAGU184
NORTHING : 905,178.7
EASTING : 592,066.1
ELEVATION : 1,088.2
TOTAL DEPTH : 167.5
SECTION : W 84
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	48
NOS DOWN-H-SURVEYS:	3
NOS DOWN-H-LITHOLOGY:	80
NOS DOWN-H-STRUCTURE:	29
NOS DOWN-H-FAULTS:	18
NOS DOWN-H-SPLINES:	3
NOS COMPOSITES:	0

DDH: FAGU184 UTM-N: 905,178.7 UTM-E: 592,066.1 UTM-ELEV: 1,088.2 TOTAL DEPTH: 167.5 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.7	14353	2.7	.7	4AO		.08	.78	1.44	17.00											
3.2	5.0	14354	1.8	1.8	4CA		.14	.57	1.71	13.00											
5.8	7.8	14355	2.0	2.0	4CA		.14	.61	.69	12.00											
7.8	9.8	14356	2.0	2.0	4CA		.08	.70	1.45	14.99											
9.8	11.3	14357	2.0	2.0	4CA		.05	.72	1.31	14.99											
11.8	13.8	14358	2.0	2.0	4ACD	3.16	.05	3.43	6.79	57.99		.47	1	5	7						
23.2	24.7	14359	1.5	.9	4A4		.07	2.52	4.38	38.00											
26.3	27.9	14360	1.6	1.3	4CO	2.97	.07	1.77	2.44	27.99		.47	2	3	6						
27.9	29.3	14361	1.4	1.3	4AO	3.00	.05	1.31	2.64	22.00		.47	1	4	6						
29.3	31.3	14362	2.0	1.9	4C5		.05	.56	1.08	11.00											
31.3	33.3	14363	2.0	2.0	4C5		.05	.70	.95	14.99											
33.3	35.8	14364	2.5	2.4	4CO		.05	.44	1.22	10.00											
35.8	37.6	14365	1.8	1.8	4AO		.07	.67	1.09	13.00											
37.6	39.6	14366	2.0	1.8	4CO		.04	.81	1.41	14.99											
39.6	41.6	14367	2.0	1.8	4CO		.02	.56	.82	11.00											
41.6	42.7	14368	1.1	.9	4CO		.05	.69	1.08	13.99											
42.7	44.7	14369	2.0	2.0	4C5		.05	.68	1.41	13.99											
44.7	46.7	14370	2.0	1.8	4C5		.05	.49	1.05	10.00											
46.7	49.0	14371	2.3	2.0	4C5		.05	.81	1.04	19.00											
50.5	51.8	14372	1.3	.7	4CO		.11	.42	.35	19.00											
51.8	53.8	14373	2.0	2.0	4A4	3.39	.05	6.34	8.80	95.00		.95	1	8	10						
53.8	55.8	14374	2.0	2.0	4A4	3.52	.08	4.29	10.50	73.00		.89	7	1	9						
55.8	57.9	14375	2.1	1.8	4A4	3.41	.16	4.55	9.59	75.00		1.16	1	11	12						
57.9	59.2	14376	1.3	1.3	4E4	4.40	.13	5.00	5.50	80.00		1.03	1	29	31						
64.3	66.1	14377	1.8	1.8	4E44	4.50	.11	7.20	14.30	124.99		.81	1	22	24						
66.1	67.8	14378	1.7	1.6	4E44	4.05	.05	11.00	16.39	148.00		1.37	2	13	15						
68.6	70.9	14379	2.3	1.5	4E4	3.60	.08	7.09	9.80	104.00		1.37	4	10	14						
98.0	100.6	14380	2.6	2.6	4ALC	3.14	.11	1.66	2.44	28.99		1.58	6	5	12						
107.8	109.0	14381	1.2	1.2	4A7		.08	1.85	2.37	27.99											
109.0	110.7	14382	1.7	1.5	4C5		.16	.75	.93	13.00											
110.7	111.9	14383	1.2	1.2	4C57		.28	.82	1.02	18.00											
111.9	113.4	14384	1.5	1.5	4E68	4.13	.24	2.60	4.08	48.00		.81	4	23	28						
113.4	114.5	14385	1.1	1.1	4C5	3.47	.46	1.37	1.64	27.99		.89	10	12	22						
114.5	117.1	14386	2.6	2.5	4AC		.16	.28	.20	3.99											
117.1	118.2	14387	1.1	1.1	4C5		.17	.66	.94	12.00											
118.2	119.3	14388	1.1	1.1	4ACD		.08	1.68	3.18	29.99											
122.4	124.4	14389	2.0	1.9	4E43	3.74	.17	1.30	1.74	23.00		.95	5	20	25						
124.4	126.4	14390	2.0	2.0	4CE3	3.76	.22	1.76	2.18	28.99		.62	5	21	26						
126.4	128.2	14391	1.8	1.8	4C53		.14	.52	.68	11.00											
128.2	130.7	14392	2.5	2.4	4AO		.16	.10	.17	9.00											
130.7	132.7	14393	2.0	2.0	4CO		.14	.14	.11	10.00											

DDH: FAGU184 UTM-N: 905,178.7 UTM-E: 592,066.1 UTM-ELEV: 1,088.2 TOTAL DEPTH: 167.5 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
132.7	134.0	14394	1.3	1.3	4AO		.26	.10	.20	10.00											
134.0	136.6	14395	2.6	2.6	4C7		.17	.69	1.04	17.00											
136.6	137.7	14396	1.1	1.1	4EG8	4.58	.16	4.06	5.40	56.99		.81	2	23	25						
137.7	140.0	14397	2.3	2.3	4CO		.20	.41	.71	13.00											
140.0	141.8	14398	1.8	1.8	4GE4	4.25	.19	4.34	5.70	58.99		.75	2	18	20						
141.8	143.5	14399	1.7	1.7	4GE4	4.63	.29	5.70	7.29	82.00		1.37		19	20						
143.5	146.5	14400	3.0	3.0	4AO	3.12	.02	.97	1.66	20.00		.27	3	8	11						
WEIGHTED AVERAGE																					
.0	2.7		2.7	.7			.08	.78	1.44	17.00											
3.2	5.0		1.8	1.8			.14	.57	1.71	13.00											
5.8	13.8		8.0	8.0		.79	.08	1.36	2.56	24.99		.11		1	1						
23.2	24.7		1.5	.9			.07	2.52	4.38	38.00											
26.3	49.0		22.7	21.0		.39	.05	.76	1.30	14.76		.06									
50.5	59.2		8.7	7.8		3.07	.10	4.35	7.62	71.51		.86	2	9	12						
64.3	67.8		3.5	3.4		4.28	.08	9.04	15.31	136.17		1.08	1	18	20						
68.6	70.9		2.3	1.5		3.60	.08	7.09	9.80	104.00		1.37	4	10	14						
98.0	100.6		2.6	2.6		3.14	.11	1.66	2.44	28.99		1.58	6	5	12						
107.8	119.3		11.5	11.2		.87	.19	1.14	1.62	20.58		.19	1	4	5						
122.4	146.5		24.1	23.9		1.86	.17	1.47	1.99	25.79		.35	1	8	9						

DDH: FAGU184 UTM-N: 905,178.7 UTM-E: 592,066.1 UTM-ELEV: 1,088.2 TOTAL DEPTH: 167.5 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	145.000	224.000
103.600	152.000	209.000
164.600	161.000	200.000

DDH: FAGU184 UTM-N: 905,178.7 UTM-E: 592,066.1 UTM-ELEV: 1,088.2 TOTAL DEPTH: 167.5 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.7	0001	4A0		0.5-	1
3.2	0002	5D4*		0.5-	1
3.8	0003	4C5	->4A30	0.5-	1
5.0	0004	4C0		0.5-	1
5.8	0005	5D4*		0.5-	1
11.2	0006	4C0	->4C5(5D4*)BOTTOM 1/2="W.R."?	0.5-	1
11.6	0007	5D4*	(4D0) 90:10	0.5-	1
12.4	0008	4C0	(5D4*) MINOR	0.5-	1
13.5	0009	4A4		0.5-	1
13.8	0010	4C0		0.5-	1
23.2	0011	5C4*	(5C*)(4D4)(4D0)(10Q*)5C/4D=7/3	0.5-	1
24.7	0012	4A4	(4C0)AT T.O.I.& E.O.I.	0.5-	1
26.3	0013	5C$	(10Q$) 95:5	0.5-	1
27.9	0014	4C0		0.5-	1
29.3	0015	4A0	(5C4*) MINOR	0.5-	1
32.6	0016	4C5		0.5-	1
35.8	0017	4C0	(5D4*9)	0.5-	1
37.6	0018	4A0	->4C5	0.5-	1
42.7	0019	4C0	(5C4*) 4L ON 4A	0.5-	1
49.0	0020	4C5	->4A0(5C4*)(4C0)	0.5-	1
50.5	0021	5C*	(10Q*9)(4C0)	0.5-	1
51.8	0022	4C0	->4C5 DOWN	0.5-	1
57.9	0023	4A4		0.5-	1
59.2	0024	4E4	BXA	0.5-	1
63.6	0025	5B62	$->5A6	0.5-	1
63.9	0026	5D4*		0.5-	1
64.3	0027	5B62	$	0.5-	1
67.8	0028	4E44	&$# MINOR (5C4*)(4L->5D4*)	0.5-	1
68.6	0029	5B26	$ [5A$]	0.5-	1
70.2	0030	5A19	(4D0)?	0.5-	1
70.9	0031	4E4	(5C4*) MINOR	0.5-	1
76.8	0032	5B62	$ (5A$)	0.5-	1
77.3	0033	5D$		0.5-	1
78.6	0034	5B62	&$	0.5-	1
82.2	0035	5B6	&2	0.5-	1
85.5	0036	5B86	&0 &$ MINOR	0.5-	1
87.0	0037	5B0	&8	0.5-	1
97.0	0038	5D0	(5B80)(5D40) G.E.H.	0.5-	1
98.0	0039	5920	$	0.5-	1
100.6	0040	4A4	(4L27)(4C0&5)(4L2->5D*)	0.5-	1
107.8	0041	5B0	&8 (10Q#)	0.5-	1
108.8	0042	4A7	(5D69)(4D0)(5D4*)(10Q*)	0.5-	1
109.0	0043	5D4*		0.5-	1
109.3	0044	4E68	4	0.5-	1
110.3	0045	4C5	->4C53	0.5-	1
110.7	0046	5D4*		0.5-	1
111.9	0047	4C57	9 ->4C5793	0.5-	1
112.3	0048	4E68	0	0.5-	1
112.6	0049	4D58	3	0.5-	1
112.7	0050	4E80	&1	0.5-	1
112.9	0051	4G4		0.5-	1

DOH: FAGU184 UTM-N: 905,178.7 UTM-E: 592,066.1 UTM-ELEV: 1,088.2 TOTAL DEPTH: 167.5 SECTION: W 84
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
113.1	0052	4DO.		0.5-	1
113.4	0053	4G4	(4E8)	0.5-	1
114.5	0054	4C5	&7 &9	0.5-	1
117.1	0055	4A1	(4C5)(5D4*)	0.5-	1
117.4	0056	4C5	(5D4*)	0.5-	1
117.6	0057	4AO		0.5-	1
118.2	0058	4C5	&7 &9	0.5-	1
118.4	0059	4D48		0.5-	1
118.5	0060	4AO	[5A19]	0.5-	1
118.7	0061	4D4	(5D4*)	0.5-	1
119.3	0062	4AO	(4D5)(5D4*)	0.5-	1
120.7	0063	5C*	&4 (5D*)	0.5-	1
122.4	0064	5D69	(4DO)(4L24)(4AO) 65:10:20:5	0.5-	1
123.2	0065	4E48	(4E4*)	0.5-	1
128.2	0066	4C58	&7 &9 (4DO&8)(4G4#)	0.5-	1
130.7	0067	4AO	&3 &7 &* MINOR	0.5-	1
131.8	0068	4CO	(5D4*) 50:50	0.5-	1
134.0	0069	4AO	&7 &9	0.5-	1
136.6	0070	4C7	&9	0.5-	1
136.8	0071	4E81		0.5-	1
137.5	0072	4G4	(4E46)	0.5-	1
137.7	0073	4E81		0.5-	1
138.8	0074	4CO	&9 &7	0.5-	1
140.0	0075	4C5	->4AO (5D4*)	0.5-	1
143.5	0076	4G4	(4E46) 50:50	0.5-	1
143.9	0077	10Q$	[4Q$]	0.5-	1
144.2	0078	4E01		0.5-	1
146.5	0079	4AO	(5D4*&O)	0.5-	1
167.6	0080	5B20	[5BO&2]	0.5-	1

DDH: FAGU184 UTM-N: 905,178.7 UTM-E: 592,066.1 UTM-ELEV: 1,088.2 TOTAL DEPTH: 167.5 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU184	0.0	4.0	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU184	0.0	12.1	CS2	D	0	0	0	0	60	230	0	1	1	1
FAGU184	0.0	20.3	CS2	D	0	0	0	0	70	230	0	1	1	1
FAGU184	0.0	25.7	CS2	D	0	0	0	0	58	230	0	1	1	1
FAGU184	0.0	33.1	CS2		0	0	0	0	68	230	0	1	1	1
FAGU184	0.0	39.0	CS2	D	0	0	0	0	75	230	0	1	1	1
FAGU184	0.0	47.3	CS2		0	0	0	0	72	230	0	1	1	1
FAGU184	0.0	53.0	CS2		0	0	0	0	80	230	0	1	1	1
FAGU184	0.0	61.8	CS2	D	0	0	0	0	78	230	0	1	1	1
FAGU184	0.0	72.9	CS2		0	0	0	0	35	230	0	1	1	1
FAGU184	0.0	74.3	CS2		0	0	0	0	33	230	0	1	1	1
FAGU184	0.0	82.5	CS2		0	0	0	0	52	230	0	1	1	1
FAGU184	0.0	92.4	CS2		0	0	0	0	70	230	0	1	1	1
FAGU184	0.0	101.0	CS2		0	0	0	0	70	230	0	1	1	1
FAGU184	0.0	103.8	CS2		0	0	0	0	90	230	0	1	1	1
FAGU184	0.0	108.2	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU184	0.0	115.6	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU184	0.0	116.9	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGU184	0.0	123.5	PS2	P	0	0	0	0	62	230	0	1	1	1
FAGU184	0.0	127.8	CS2		0	0	0	0	60	230	0	1	1	1
FAGU184	0.0	130.8	CS2		0	0	0	0	80	230	0	1	1	1
FAGU184	0.0	136.3	PS2	P	0	0	0	0	72	230	0	1	1	1
FAGU184	0.0	137.8	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGU184	0.0	140.5	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU184	0.0	143.4	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGU184	0.0	147.7	CS2		0	0	0	0	65	230	0	1	1	1
FAGU184	0.0	156.2	CS2		0	0	0	0	55	230	0	1	1	1
FAGU184	0.0	160.4	CS2		0	0	0	0	65	230	0	1	1	1
FAGU184	0.0	166.0	PS2	P	0	0	0	0	75	230	0	1	1	1

DDH: FAGU184 UTM-N: 905,178.7 UTM-E: 592,066.1 UTM-ELEV: 1,088.2 TOTAL DEPTH: 167.5 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU184	0.0	2.7	R	3		0	0	0	0	0	0	1
FAGU184	8.8	10.7	B			0	0	0	0	0	0	1
FAGU184	10.7	11.2	G			99	999	0	0	0	0	1
FAGU184	12.4	13.5	D			0	0	0	0	0	0	1
FAGU184	50.5	51.8	BR	6		0	0	0	0	0	0	1
FAGU184	57.9	59.2	DX			0	0	0	0	0	0	1
FAGU184	62.1	62.2	G			0	0	99	999	0	0	1
FAGU184	63.5	63.6	G			0	0	99	999	0	0	1
FAGU184	63.9	64.1	BG			0	0	0	0	0	0	1
FAGU184	64.1	64.3	B			0	0	99	999	0	0	1
FAGU184	64.3	67.8	D			0	0	0	0	0	0	1
FAGU184	68.6	70.2	SRP			0	0	99	999	0	0	1
FAGU184	70.2	70.9	DS			0	0	0	0	0	0	1
FAGU184	82.2	82.7	SF			0	0	0	0	0	0	1
FAGU184	82.7	85.5	SXQ			0	0	0	0	0	0	1
FAGU184	87.0	97.0	3Q			0	0	0	0	0	0	1
FAGU184	0.0	117.4	R			0	0	0	0	0	0	1
FAGU184	140.0	143.5	1D			0	0	0	0	0	0	1

DDH: FAGU184 UTM-N: 905,173.7 UTM-E: 592,066.1 UTM-ELEV: 1,088.2 TOTAL DEPTH: 167.5 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU184	1	2
FAGU184	2	2
FAGU184	3	1

84 W

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAG U 184

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: 84 W

Claim: _____

Terr.Plane Co-ords.: 905178.7 N

change of basis of K-A survey co-ords

592066.1 E

Grid Co-ords: _____

All symmetry determinations looking

K-A elev - 10.61m

Elevation: 1088.2

NW with 5 dipping

Total Depth: 167.6

SW with dip azimuth 225.

Purpose: _____

Reason hole Terminated: _____

Logged by: GAJ / DSJ.

Date(s) Logged: 18 AUG 82

Drilling Contractor: _____

	CORE Size	From	To

Collar Cased and Capped: _____

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

DDH FAGU184 (2 / 8)

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
	2 8	10 16	17 24	25 32	34 39	41 42
T	FIAGU184	11088.2	9051781.7	5912061.1	METERS	52

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	FIAGU184	100	1451.0	2214.0	AT COLLAR
R	FIAGU184	11036	1512.0	2091.0	SPERRY SUN
R	FIAGU184	11646	1611.0	2101.0	

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

DDH EAG.U.1.84 (2 / 8) Cyprus Anvil Mining Corp. Page 3 of 11

Lithologic Log Date: 18 Aug 82 Logged By: GAJ/DSJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	00	27		1	4AA	rubble, usual start of hole w/ 0.8 m recy.
L	27	32		2	5D4*	fuchsite, locally green chlor. orig. color
L	32	38		3	4C5	⇒4A30; folia to 4A for 4A; good exhal. texture
L	38	50		4	4DD	cream colored folia; $S_T^{=}$ = 20% py > ZnS 2:1; intact
L	50	58		5	5D4*	intact
L	58	112		6	4C0	⇒4C5 mainly latter; (504*); lt. gy → off white folia → m. gy folia; $S_T^{=}$ = 10% w/ local well defined gtz-sulf. bands @ top, more dis & less banded @ base; py > ZnS, 504* 4.3-7.0 1-8 cm thick; 8.8-11.2 core bkn w/ gouge & bxia 10.7-11.2, upper 1/2 lower contact but good recy despite above upper 1/2 = 4L overprinted 4A?? lower 1/2 = weaker rk. / wallrock
L	112	116		7	5D4*	(4DD) v. minor as S_2 foliaform band; minor sulfs w/ tuffs; 90:10
L	116	124		8	4C0	(504*) v. minor; white folia, lo $S_T^{=}$ = 5% w/ ZnS > py; almost 4B0; 504* = 1cm fuch. tuff nr. EOI.
L	129	135		9	4A4	microbrecciated; good exhal textures w/ ZnS ≈ py $S_T^{=}$ ≈ 20%
L	135	138		10	4C0	as #8
L	138	232		11	5C4*	(5C*, 4D4, 4DD); OQ* = 3% 70:30 5C:4D; good mottled 5C w/ common green chlor. color; 4D as interbands; 17.7-18.0 = 4DD cream colored, 20% $S_T^{=}$, exhal; 18.4-18.9 = 4D6 as previous, ZnS-rich $S_T^{=}$ = 15% 19.7-19.9 ≈ 4DD in green tuff bands; 20.4-21.0 = 4D4 c.f. cream colored above, banded 20% $S_T^{=}$ w/ microbxia ZnS ≈ py; 21.5-21.7 = 4DD $S_T^{=}$ = 10% ZnS 2X py, well banded w/ fr. mass. sulf. lam. & cream gtz bds; sulf exhal. chert

C.A.M.C. 1981 – E-3

DDH FAGU184 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 18 Aug 82 Logged By: GAT/DSJ

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
						4C in #10 is margin to this complex unit
						as is 4C in #12; cse 5C text ⇒ meta^m.
						sills w/ bleached exhalative qtzite units
						no apparent fold repeats
L	232	247		12	4A4	(4CO) 4CO as 0.2 M top & bottom both
						adj. 5C units; 4A4 lo $S_T^=$ = 10% ZnS
						≈ py, normal exhal. text., slightly light
						in color; not appar. F_2 closure
L	247	263		13	5C*	dol. (OQ*) = 5% unit; cse mottled text.
L	263	279		14	4D0	lt. cream folia ext. microbrated where ZnS
						rich $S_T^=$ = 20% ZnS ≈ py; thinly banded
						exhal. bedded cherts → dogshit
L	279	293		15	4A0	(5C4*) $S_T^=$ ≈ 15% py > ZnS 4:1; mod.
						devel^d 4A texts; 5C4* = 10 cm. 28.7-28.8
						no "bleached" margins in 4A; l. cnt. grad.
						to underlying unit; gen. intact to blen
L	293	326		16	4C5	m → dk. gy. folia otherwise excell. 4A
						exhal. texture; looks like wkly bleached
						4A; py >> BM sulfs; exhal.
L	326	358		17	4C0	(5D4*9); 4C cream col^d folia but text.
						ident to #16 & c.f. 4A w/ grad. contact
						upward into 4C5 i.e. "bleaching" (4L)
						of 4A → 4C5 → 4C0; $S_T^=$ = 10-15%
						py >> ZnS 4:1; diff. only from 4D above
						in ZnS cont ⇒ similar origin for 4D;
						33.7-34D = 5D4*9 9 = py/minor ZnS ∥ S_2
						poss. vein; 5D may be causing "4L"
						bleaching of 4A → 4C5 → 4C0 per
						observation of "bleached"; 4C1D margins
						adj. 5C/4A units
L	358	376		18	4A0	⇒ 4C5 c.f. #6 w/ even local 4C0 in
						spectrum 4A0 ⇒ 4C5 ⇒ 4C0; 15% $S_T^=$
						intact
L	376	427		19	4C0	(5C4*) as #17; cream color; good relict
						4A text in some places called 4L214
						i.e. 4L on 4A; minor 4C5 ⇒ 4C0; 5C4*:

DDH F.A.G.U.1.8.4 (2–8) **Cyprus Anvil Mining Corp.** Page 5 of 11

Lithologic Log Date: 18 Aug 82 Logged By: GAJ/DSJ

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
						39.6-39.8 dol + fuch ; 40.3 = 3 cm ; 40.4-
						40.6 " " ; 40.9 = 3 cm
						4C5 = 38.2-38.6 & 39.8-40.0 ; $S_T^{=}$ ≈ 10%
						-15% py >> ZnS but some ZnS rich bands
						good bet for 4L overprint on 4A w/
						5C source of fluids?
L	42.7	49.0		20	4C5	⇒ (4A0)(5C4*)(4C0) complexly interbanded
						sequence of 5C & variably altd. rks
						of 4A affinities & textures ; 5DC4*:
						44.7-44.8 = 5D4*, 45.2-45.3 = 5D4* lamd.,
						46.5-46.6 = 5C4* fuch. & carbd., 48.7-48.8 = 5D4*
						as thin 1-2 cm interbands in 4C ; 5D4* prob.
						tuffs, unmineralized w/ wk bleaching w/ all
						5DC units ; 4C0 = 46.2-46.9 4A0 = 48.3-48.7 &
						48.8-49.0 ; lower cnt sharp ∥ S_2 unbleached
L	49.0	50.5		21	5C*	fuchitic (OQ* py)(4C0) ; 4C0 relict 4A
						texture @ 49.5-49.7 & 50.1-50.2 ; OQ*
						= 5% ; bleached lower cnt., unbleached upper cnt ⇒ flow
L	50.5	51.8		22	4C0	⇒ ↓ 4C5 w/ good 4A textures ; py >> ZnS
						upper 1/2 4C0, lower 1/2 = 4C5 grading
						into underlying unit ; 0.5 m core loss, bkn
						& rubbly
L	51.8	57.9		23	4A4	excel exhal. text. in all respects ; intact
L	57.9	59.2		24	4E4	bxia - ductile flow sulf. in sulf. re-
						brcated & healed as crackle/fault
						bxia by qtz-$CO_3^{=}$
L	59.2	63.6		25	5B62	* ⇒ (5A6) ; w/ 5A6 interlayered ; strongly
						striped w/ dk. gray to blk. S_2 ∥ folia
						& lt. gy qtz-CO_3 lam. ; gouge:
						62.1-62.2 S_2 ∥ ; 63.5-63.6 S_2 ∥
L	63.6	63.9		26	5D4*	
L	63.9	64.3		27	5B62	* as #25 ; bkn w/ S_2 ∥ gouge top 1/3
L	64.3	67.8		28	4E44	± * v. minor dol & cal. ; (5C4* fuch.)(4L ⇒ 5D4*)
						extensively ductile flow brcated w/ "floaters"
						of numerous liths ; 5C4* = 66.0-66.5
						67.1-67.3 ; top 1/2 may orig. have been barite

DDH F.A.G.U.1.84 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 18, Aug 82 Logged By: GAJ / DSJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	678	686		29	5B26	* dol. [5A*]
L	686	702		30	5A19	(4DO)? ground core & rubble w/ 0.3M
						recd over interval — mislatch?; sheared ∥ S_2
L	702	709		31	4E4	(5C4*) minor as clasts in duct. flow bxia
						top 0.1m is shred looking 5D — fault rel^d.
						to above ??
L	709	768		32	5B62	*(5A*); dol; borderline; strongly striped
						w/ dk. gy → blk S_2 ∥ folia & lt. gray
						qtz-CO_3 sst lithons; intact
L	768	773		33	5D*	dol; intact
L	773	786		34	5B62	±* minor dol upper ½; lt-gray than #32
L	786	822		35	5B6	±2 less carb. than 34 < 32; good
						striped appearance but no dol. in qtz
						sst. lams.
L	822	855		36	5B86	±0 ±* dol. minor; shrd. gray green calc.
						phylls. w/ CO_2 affinities; incip qtz-$CO_3^=$ vein crackle bxia; S_2 steep over
						interval; upper contact shred for 0.5 m
						— poss. pro-meta^m. slip c.f. Make Believe
L	855	870		37	5B0	±8 intact
L	870	970		38	5D0	(5B80, 5D40) 5B ≈ 5D; "green eggs & ham"
						5D40 towards end, intact; many qtz-CO_3 tensioning as @ 45 to c.
L	970	980		39	5B20	* dk. gy. calc + dol. phyll. — good CO_2
L	980	1006		40	4A4	(4L27, 4C5, 4C0, 4D5, 5D4*9, 4L2 ⇒ 4L62 ⇒ 5D*)
						ly. proport. of sulfidic tuffs; 4A4 @
						TOI; no real suggestion of F_2 repeats
L	1006	1078		41	5B0	±8 (CQ* cal) trace; intact CO_2
L	1078	1088		42	4A7	(5D69 py)(4D0)(5D4* dol.)(CQ*); 4A7 @
						TOI w/ 4D in 5D over rest of interval
						— tuff/exhalite complex
L	1088	1090		43	5D4*	
L	1090	1093		44	4E68	4
L	1093	1103		45	4C5	30% py ≫ ZnS crudely banded w/ greenish gy. folia
L	1103	1107		46	5D4*	
L	1107	1119		47	4C57	9 not normal 4C5; $S_T^=$ = 30-40% py dom.
						py > ZnS > po > cpy; greenish gray cast

DDH FAGU184 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 18 Aug 82 Logged By: GAJ/DSJ

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
L	1119	1123		48	4E68	0
L	1123	1126		49	4D58	c.f. #53 but w/ more ZnS; $S_T^{=} \approx 50\%$ w/
						ZnS 1/3 of py, minor po; greenish cast
L	1126	1127		50	4E80	±1
L	1127	1129		51	4G4	
L	1129	1131		52	4D0	local center of tilt symm. but no F_2
L	1131	1134		53	4G4	(4E8) 4G @ TOI
L	1134	1145		54	4C5	±7±9 c.f. #55
L	1145	1171		55	4A1	"cherty" (4C5, 5D4*) minor; v. siliceous blk.
						" matrix to qtz-py bands
						4C5 + 5D4* 114.5–114.9 & minor
L	1171	1174		56	4C5	(5D4*) rubble @ E01
L	1174	1176		57	4A0	poor banding; $S_T^{=} = 10\%$
L	117	1182		58	4C5	±7±9 as greenish folia $S_T^{=} \approx 25\%$ py
						dominant; mod. banded; not normal
						po = 10% of sulfides
L	1182	1184		59	4D48	
L	1184	1185		60	4A0	light colored [5A19]
L	1185	1187		61	4D4	(5D4*) greenish cast to rock
L	1187	1193		62	4A0	(4D5, 5D4*) complexly interleaved
L	1193	1207		63	5C*	±4 (5D* as margins)
L	1207	1224		64	5D69	(4D0, 4L24, 4A0) complexly interleaved
						w/ greenish tinged sulfides suggestive of
						tuffs & exhalites or alt^d & veined zone??
						4A0 = 5%, 4D0 = 10%, 4L24 = 20% 0Q* = 2*
						rest = 5D69
L	1224	1232		65	4E48	(4E4*) 4E48 lower 1/2 4E4* lower 1/2
L	1232	1282		66	4C58	±7±9 (4D0±8, 4G4* cal.) again w/ greenish
						— chlorite vs. musc. qtzites?? — cast
						4G4* @ 125.4–125.6; 4C & 4D grade in & out
L	1282	1307		67	4A0	±3±7±* v. minor; intact; generally normal
						exhal. text.; $S_T^{=} = 30\%$ py >> BM sulfs
L	1307	1318		68	4C0	(5D4*) 50:50; 5D4* = 130.8–131.0 &
						131.2–131.6 rest 4C0 "greenish"; greenish
						cast ⟹ chlor ⟹ tuff. component
L	1318	1340		69	4A0	±7±9 minor po, cpy; exhal.

DDH FAGU184 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 18 Aug 82 Logged By: GAJ/DSJ

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
L	1340	1366		70	4C7	±9 c.f. #72
L	1366	1368		71	4E81	
L	1368	1375		72	4G4	(4E46) center of lith symmetry
L	1375	1377		73	4E81	
L	1377	1388		74	4C0	±9±7 again greenish folia; reas. exhal. texts
L	1388	1400		75	4C5	⇒ 4A0 (5D4*); norm. exhal. texts $S_T^=$ ≈ 10%
L	1400	1435		76	4G4	(4E46) 50:50 local bxia w/ amoeboid qtz-$CO_3^=$ masses
L	1435	1439		77	0Q*	[4Q0] qtz-dol-py rk prob. vein
L	1439	1442		78	4E01	w/ amoeboid SiO_2 masses c.f. 4K text.
L	1442	1465		79	4A0	(5D4*±0) as sm. tuff bands 5D4*@: 148.4-148.5, 148.8-148.9, 149.5 = 5cm 149.7-149.8 146.3-146.4; norm. exhal. text to 4A4 approx, rich in cherty qtzite missing lt. colored qtz-py bands — unsplit 4A0 ±4
L	1465	1676		80	5B20	[5B0±2] strongly striped due to dk. gy → blk. S_2 // folia & strongly devel^d qtz-cal. lithons
						EOH!!

DDH FAG.U.184 (2 / 8) Cyprus Anvil Mining Corp. Page 9 of 11

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		40	IND	P			70 225	on RS1
S		121	IND	D			60	CS2
S		203	IND	D			70	CS2
S		257	IND	D			58	
S		331	CS2				68	
S		390	IND	D			75	CS2
S		473	CS2				72	⇒ DD
S		530	CS2				80	
S		618	IND	D			78	CS2
S		729	CS2				35	
S		743	CS2				33	
S		825	CS2				52	
S		924	CS2				70	
S		1010	CS2				70	
S		1038	IND	H			90	CS2 on CS_n where PS_1 = 65
S		1082	IND	P			70	
S		1156	IND	P			70	RS1
S		1169	IND	P			60	RS1
S		1235	IND	P			62	RS1
S		1278	CS2				60	
S		1308	CS2				80	
S		1363	IND	P			72	
S		1378	IND	P			80	
S		1405	IND	P			40	RS1
S		1434	IND	F			50	"
S		1477	CS2				65	
S		1562	CS2				55	
S		1604	CS2				65	
S		1660	IND	P			75 225	

DDH EAGU-18-4 Cyprus Anvil Mining Corp

Logged by GAT/DST

ASSAY LOG (SAMPLER'S COPY) Date 18 Aug 82 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
P	100	127	143513	27	107	4A01	
P	132	150	143514	18	18	4D01	(4C5 ⇒ 4A30)
P	158	178	143515	20	20	4C01	⇒ 4C5
P	178	198	143516	20	20	4C01	⇒ 4C5
P	198	118	143517	20	20	4C01	⇒ 4C5 (5D4*)
P	118	138	143518	20	20	4C01	(5D4*, 4A4)
P	232	247	143519	15	09	4AH1	(4C0)
P	246	279	143610	16	13	4D01	
P	279	293	143611	14	13	4A01	(5C4*)
P	293	313	143612	20	19	4C51	
P	313	333	143613	20	20	4C51	(4C0)
P	333	358	143614	25	24	4C01	(5D4*9)
P	358	376	143615	18	18	4A01	
P	376	396	143616	20	18	4C101	(5C4*)
P	396	416	143617	20	18	4C101	"
P	416	427	143618	09	09	4C10	"
P	427	447	143619	20	20	4C51	⇒ (4A0, 5C4*, 4C0)
P	447	467	143710	20	18	4C51	
P	467	490	143711	23	20	4C51	
P	505	518	143712	13	07	4C01	(4C5)
P	518	538	143713	20	20	4AH1	
P	538	558	143714	20	20	4A41	
P	558	579	143715	21	18	4A41	
P	579	592	143716	13	13	4E41	
P	643	661	143717	18	18	4E414	
P	661	678	143718	17	16	4E414	
P	686	709	143719	23	15	5A19	(4E4)(5C4*)
P	980	1006	143801	26	26	4A41	(4L27, 4C5, 4C0, 4D5, 5D4*9, 4L2)

DDH FAG4184 Cyprus Anvil Mining Corp

Page 11 of 11

Logged by GAJ / DSJ

ASSAY LOG (SAMPLER'S COPY)

Date 18 Aug 82 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	1078	1090	14381	12	12	4A7	(5D69py)(4D0)(5D4*del.)(OQ*)
P	1090	1107	14382	17	15	4C5	(5D4*)
P	1107	1119	14383	12	12	4C57	9
P	1119	1134	14384	15	15	4E68	(4D58)(4G4)(4D0)
P	1134	1145	14385	11	11	4C5	±7±9
P	1145	1171	14386	26	25	4A1	(4C5, 5D4*)
P	1171	1182	14387	11	11	4C5	(4A0)
P	1182	1193	14388	11	11	4D0	(4A0)
P	1224	1244	14389	20	19	4E48	(4E4*, 4C58±7±9)
P	1244	1264	14390	20	20	4C58	(4D0±8, 4G4)
P	1264	1282	14391	18	18	4C58	(" ")
P	1282	1307	14392	25	24	4A0	±3±7±*
P	1307	1327	14393	20	20	4C0	(4A0, 5D4*)
P	1327	1340	14394	13	13	4A0	±7±9
P	1340	1366	14395	26	26	4C7	±9
P	1366	1377	14396	11	11	4G4	(4E81)
P	1377	1400	14397	23	23	4C0	(4C5)
P	1400	1418	14398	18	18	4G4	(4E46)
P	1418	1435	14399	17	17	4G4	"
P	1435	1465	14400	30	30	4A0	(4E01, OQ*)

DDH FAG.U.184 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
	000	27	R	3				
	88	107	B					
	107	112	G		11 S_2			
	124	135	D					
	505	518	B R	6				
	579	592	D X					
	621	622	G			11 S_2		
	635	636	G			11 S_2		
	639	641	B G					
	641	643	B			11 S_2		
	643	678	D					
	686	702	S R P			11 S_2		
	702	709	D S					
	827	855	S X Q					
	822	827	S F					
	870	970	3 Q					
		1174	R					
	1410	1435	D					

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO D.D.H. Nº 76-U-184 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE *10,987.6 84W STARTED SEPTEMBER 27, 1976

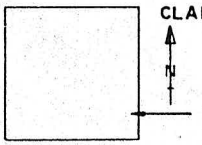
DEPARTURE *7,377.98 3N+13.5m COMPLETED SEPTEMBER 30, 1976

ELEVATION *1,098.83 PROPOSED DEPTH 550' - 167.6m

* - approximated ULTIMATE DEPTH 550' - 167.6m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224°	-55°
103.6	204°	-62°
164.5	200°	-71°

CLAIM Nº



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 90.4%

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	2.5	MINERALIZED GRAPHITIC PHYLLITE(PG). Broken, blocky 20 4	0.9	864B	0	3.0	3.0	0.53	0.80	8.91					
		core. Foliation = 80-85°; F = 0-10°. Low core 15 3	2.0	865B	3.0	5.0	2.0	0.58	1.55	8.91					
		recovery. 1 NIL	1.0		5.0	6.0	1.0	NIL							
		2.5: Abrupt change to Quartz-Sulfide (P). Contact 5 2	1.5	866B	6.0	7.5	1.5	0.58	0.48	8.91			1.06	PbZn	
		broken ground. 15 4	1.5	867B	7.5	9.0	1.5	0.55	1.03	7.20			1.58	PbZn	
2.5	5.0	QUARTZ-SULPHIDE (P). Broken, blocky core. 10 3	0.8	868B	9.0	10.5	1.5	0.75	1.25	10.97					
		F = 75-85°; F = 0-5°. Series of small F fold nose	0.9		10.5	12.0	1.5	NIL							
		closures. 30 8	1.5	869B	12.0	13.5	1.5	3.40	6.86	61.37			5.1	10.29	92.0
		5.0: Sharp clean contact with Bleached Sericite 5 1	0.4		13.5	15.2	1.7								
		Phyllite (Sb). Contact = 80°.		W.Av.	12.0	16.5	4.5	1.13	2.26						
5.0	6.0	BLEACHED SERICITE PHYLLITE (Sb). Competent. Buff1		W.Av.	6.0	9.0	3.0	1.32	PbZn						
		Foliation = 80°.													
		6.0: Sharp clean contact with quartz-sulfide = 70°.													
6.0	12.2	QUARTZ-SULFIDE (P). Competent. Has short bleached sericite													
		phyllite intervals = 4cm. long @ 6.5-7.0. Foliation = 85-90°													
		F = 0-5°.													

LOGGED BY _____ D.D.H. NO. 76-U-184 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO.	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		10.7-11.3: FAULT. Sulfide fragments;grains mixed with qtz/													
		phyllite set in white sticky gouge.													
		12.2: Abrupt change to Mineralized Graphitic Phyllite.													
		Contact broken ground.													
12.2	14.0	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent. Foliation													
		F = 70-75°; F = 10-15°.													
		14.0: Abrupt change to Mineralized Bleached Sericite													
		Phyllite (P-Sb). Contact = 75°.													
14.0	15.2	MINERALIZED BLEACHED SERICITE PHYLLITE (P-Sb). Broken,													
		flakey. Foliation = 70°. Mineralization weak in form of													
		thin laminae. Low core recovery = 0.3/1.2													
		15.2: Introduction of chlorite and trace calcite. Tran-													
		sition gradual. Decrease in sulfide occurrence.													
15.2	23.2	CHLORITIC BLEACHED SERICITE PHYLLITE W/TRACE CALCITE (Sbc+K).													
		Competent. Has intervals of quartz-sulfides @ 18.5-	7.4		15.2	23.2	8.0								
		18.7; 20.5-21. Buff with green stripes/spots. Foliation =													
		75-80°; F = 0-10°.													
		23.2: Abrupt change to quartz-sulfide (P). Contact sharp =													
		70° and marked by buff bleached sericite phyllite with													
		fuchsite.													

LOGGED BY _____ D.D.H. NO. 76-U-184 PAGE 3

Interval From	Interval To	DESCRIPTION		Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
23.2	50.5	QUARTZ-SULFIDE (P). Competent.	20 7	1.5	870B	23.2	24.8	1.6	2.50	3.66	38.40			4.0	5.85	61.44
		F = 80-85°; F = 0-5°.	1 NIL	1.3		24.8	26.1	1.3								
		Sulfides in both foliation.	20 7	1.5	871B	26.1	27.6	1.5	1.80	2.60	27.43			2.70	3.90	41.15
		24.8-26.1: Chloritic unit. Green and white stripes.	20 8	1.4	872B	27.6	29.1	1.5	1.55	3.15	25.37			2.33	4.73	38.06
		Competent. F = 85-90°; F = 0-5°.	20 5	1.5	873B	29.1	30.6	1.5	0.48	0.95	7.20			1.43	PbZn	
		Contacts sharp and clean = 85°.	15 4	1.5	874B	30.6	32.1	1.5	0.65	1.08	12.00			1.73	PbZn	
		33.7-35.6: Mineralized Bleached Sericite interval.	25 6	1.5	875B	32.1	33.6	1.5	0.78	1.23	10.97			2.01	PbZn	
		Competent. Silvery white to buff.	15 6	1.3	876B	33.6	35.1	1.5	0.40	0.78	5.14			1.18	PbZn	
		F = 80-85°; F = 0-10°.	15 4	1.4	877B	35.1	36.6	1.5	0.60	1.23	8.91			1.83	PbZn	
		Contacts = 80°.	10 5	2.8	878B	36.6	39.6	3.0	0.85	1.28	12.00			2.13		
		39.6-41.1: Alternating intervals of quartz-sulfide	10 3	2.5	879B	39.6	42.6	3.0	0.65	0.90	8.91			1.55	PbZn	
		and bleached sericite phyllite (P-Sb).	15 4	3.0	880B	42.6	45.6	3.0	0.65	1.20	9.94			1.85	PbZn	
		Each interval = 20cm. Sharp contacts =	15 4	3.0	881B	45.6	48.6	3.0	0.88	1.23	12.00					
		80°. Bleached unit. Buff w/fuchsite,	2 Tr.	1.9		48.6	50.5	1.9								
		barren.														
		47.5-48.8: Graphite as laminae alternating with quartz-			W.Av.	26.1	29.1	3.0	1.68	2.88	26.40			5.03	8.63	79.21
		sulphide laminae.			W.Av.	29.1	45.6	16.5	1.75	PbZn				28.88	PbZn	
		49-50.5: Chloritic Bleached Sericite Phyllite (Sbc).			W.Av.	23.2	29.1	5.9	1.53	2.45						
		Competent. White/green stripe with buff ground-														
		mass. Foliation = 80-85°.														
		50.5: Change to Mineralized Graphitic Phyllite (PG).														

LOGGED BY _____ D.D.H. Nº 76-U-184 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
50.5	57.9	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent. 35 8	0.9	882B	50.5	52.0	1.5	2.05	2.65	29.14					
		F = 75-85°; F = 0-10°. 35 12	1.5	883B	52.0	53.5	1.5	5.78	8.93	87.77			8.67	13.40	131.66
		Prominent sulfide bands in F_2 as compared with F_1. 30 15	1.5	884B	53.5	55.0	1.5	3.88	8.85	65.49			5.82	13.28	98.24
		Series of small F_2 fold nose closure. 30 15	1.5	885B	55.0	56.5	1.5	4.70	11.84	71.66			7.05	17.76	107.49
		57.9: Abrupt change to Massive Sulfide (M_1). Contact 35 12	1.5	886B	56.5	58.0	1.5	3.50	7.77	57.60			5.25	11.66	86.4
		broken ground. 70 6	1.3	887B	58.0	59.3	1.3	9.86	12.34	140.2			12.82	16.04	182.30
57.9	59.3	MASSIVE SULFIDES-STRUCTURELESS AND BRECCIATED VARIETIES (M +	4.6		59.3	64.2	4.9								
		MXk + s). Competent. Breccia @ 58.4-59.3 has angular													
		sulfide fragments Ø = 1mm-1cm. well cemented by $CaCO_3$, $S_{1\,2}^{0}$		W.Av.	52.0	55.0	3.0	4.83	8.89	76.63			14.49	26.68	229.90
		and in some part by finer grain sulfides.		W.Av.	52.0	59.3	7.3	5.43	9.88	83.03			39.61	72.14	606.09
		59.3: Sharp clean change to Graphitic Phyllite (G). Contact													
		marked by 5cm. long Bleached Sericite Phyllite.													
		Plane = 50°.													
59.3	64.2	GRAPHITIC PHYLLITE (G). Very fissile breaking into poker													
		chips. F_2 = 85-90°; F_1 = 0-5°.													
		64.0: Shear.													
		64.2: Abrupt change to Massive Sulfide (M) = 45°.		W.Av.	64.2	67.4	3.2	9.10	14.67	123.1			29.12	46.93	393.89
64.2	67.4	MASSIVE SULFIDES, BANDED AND BARITE-IN-GROUNDMASS VARIETIES													
		(MB+Mb). Competent. Compositional banding sulfides/ 70 12	1.6	888B	64.2	65.8	1.6	7.90	14.06	110.1			12.64	22.50	176.10
		ba. = 30°. 70 10	1.6	889B	65.8	67.4	1.6	10.30	15.27	136.1			16.48	24.43	217.79
		66-66.3: Bleached Sericite Phyllite (Sb). Competent. Has													

LOGGED BY _____ D.D.H. NO 76-U-184 PAGE 5

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		Contacts sharp and clean = 75°.													
		67.4: Abrupt change to Graphitic Phyllite (G). Contact													
		broken ground.													
67.4	70.1	GRAPHITIC PHYLLITE (G). Fissile, easily breaking into poker	0.8		67.4	70.1	2.7								
		chips. F_2 = 60°; F_1 = 20°. Clots of Py in F_1 = 1%.													
		68.6-70.1: Pebbly core. Extreme poor recovery. No gougey													
		material noted - 0.3/1.5 recovery.													
		70.1: Abrupt change to Broad bands of Banded Sulfides and													
		Bleached Sericite Phyllite (MB-Sb).													
70.1	71.0	ALTERNATING BAND OF BANDED MASSIVE SULFIDES (MB) & BLEACHED													
		SERICITE PHYLLITE (Sb). Competent. Compositional 65 10	0.9	890B	70.1	71.0	0.9	8.35	11.48	112.1					
		band Py/Sph-Pb = 35-40°; Sulfides/bleached sericite = 10-20°													
		with wavy but sharp contacts. Po band @ 70.9-71.0.													
		71.0: Abrupt change to Graphitic Phyllite (G). Contact													
		broken ground.													
71.0	77.0	GRAPHITIC PHYLLITE (G). Competent. Foliation varying:													
		71-74: F_2 = 25-30°; F_1 = 0-5°.													
		75-77: F_2 = 40-45°; F_1 = 40-45° (oppisite dip direction).													
		Sporadic blebs of Po.													
		77.0: Gradual change to Sericite Phyllite (S).													
77.0	82.3	SERICITE PHYLLITE (S). Competent. Gray colour.													

LOGGED BY _____ D.D.H. Nº 76-U-184 PAGE 6

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		82.3: Gradual increase in calcite. Rx becoming Calcitic													
		Sericite Phyllite unit (SK).													
82.3	98.0	CALCITIC SERICITE PHYLLITE (SK). Competent. F_2 = 50-55°;	15.5		82.3	98.0	15.7								
		F_2 = 5-15° marked by $CaCO_3$. Trace chlorite @ 87-87.1,													
		F_1 91.5-91.6.													
		98.0: Sharp contact with Quartz-Sulfide (P) = 80°.													
98.0	100.6	QUARTZ-SULFIDE (P). Competent. F_2 = 70°; 15 8	2.6	891B	98	100.6	2.6	1.80	2.55	26.40					
		F_2 = sub-parallel to F_2 @ 99.1-99.5 then @ 99.7-100.6 F_2													
		F_1 appear to be 0° with series of small fold nose closure.													
		NOTE: This run is characterized by Bleached Sericite inter-													
		vals that has regular foliation 75°. Contacts are													
		clean and sharp = 70-75°.													
		100.6: Sharp clean contact with Calcitic Sericite Phyllite													
		(SK). Contact marked by 5cm. Bleached Sericite.													
		Plane = 45°.													
100.6	108.5	CALCITIC SERICITE PHYLLITE (SK). Competent. F_2 = 80-85°;	7.9		100.6	108.5	7.9								
		F_2 = 0-10°. Calcite in groundmass and also marking F_1.													
		F_1 108.5: Abrupt change to Quartz-Sulfide (P) = 85°.													
108.5	115.0	QUARTZ-SULFIDE (P). Competent. Foliation = 85-90°; 15 3	2.9	892B	108.5	111.5	3.0	1.13	1.10	15.09					
		F = 0-10°. Sulfides evenly distributed in foliation 30 4	1.5	893B	111.5	113.0	1.5	2.33	3.10	32.23			3.5	4.65	48.35
		F_1 plane. Faint Sph/Py--compositional banding in wide 15 2	3.0	894B	113.0	116.0	3.0	1.23	1.40	18.17			1.85	2.10	27.26

LOGGED BY _____ D.D.H. NO 76-U-184 PAGE 7

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay % Pb	Assay % Zn	Assay % Ag
		Po/Mgtt erratically distributed as blebs and thin 2 Tr.	3.7		119.0	122.8	3.8								
		laminae.													
		115.0: Gradual change to Mineralized Graphitic Phyllite (PG)													
115.0	119.0	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent. F_2 = 80°;		W.Av.	113.0	119.0	6.0	2.61	PbZn						
		F_1 = 0-5° with series of small F_1 fold noses.		W.Av.	111.5	114.5	3.0	1.78	2.25	25.2			5.35	6.75	75.61
		119.0: Sharp clean contact with Chloritic-Calcitic Bleached													
		Sericite unit = 85°.													
119.0	122.8	CHLORITIC-CALCITIC BLEACHED SERICITE PHYLLITE (Sbc-K).													
		Competent. White with green stripes. Foliation = 85-90°;													
		F = 0-5°. Weak mineralization.													
		122.8: Sharp clean change to Quartz-Sulfide (P). Contact													
		plane = 80°.													
122.8	136.3	QUARTZ-SULFIDE (P). Competent. Foliation F_2 = 80°; 40 4	3.0	896B	122.8	125.8	3.0	1.50	1.95	25.37					
		F_1 = 0-10°. Series of small F_1 fold nose closure. 35 3	3.0	897B	125.8	128.8	3.0	0.83	0.80	12.00			1.63	PbZn	
		Clots of Po erratically distributed in asso. w/Py. 20 2	3.0	898B	128.8	131.8	3.0	0.13	0.18	5.14			0.31	PbZn	
		Sulfides in both foliation. 25 3	3.0	899B	131.8	134.8	3.0	0.17	0.15	5.14			0.32	PbZn	
		Trace G in groundmass. 25 4	1.5	900B	134.8	136.3	1.5	0.98	1.28	14.06					
		136.3: Gradual increase of mineralization. Rx be- 35 8	1.5	901B	136.3	137.8	1.5	3.85	5.00	47.31					
		coming banded sulfides unit (MB). 10 2	1.5	902B	137.8	139.3	1.5	0.45	0.63	8.32					
136.3	145.5	MASSIVE BANDED SULFIDES (MB) WITH BARITE-IN-GROUNDMASS 25 5	1.5	903B	139.3	140.8	1.5	2.35	3.05	35.31					
		VARIETY (Mb). Competent. Compositional banding = 80° 70 10	1.5	904B	140.8	142.3	1.5	5.00	7.02	63.43			7.50	10.53	95.15

LOGGED BY _____ D.D.H. NO 76-U-184 PAGE 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		138.4-140.5: Graphite in groundmass (PG). Sulfides as 2 Tr.	1.7		143.8	145.5	1.7								
		thin laminae. F_2 = 80-85°; F_1 = 0-10°.													
		140.5-143.5: Barite in groundmass (Mb). Compositional		W.Av.	125.8	134.8	9.0	0.75	PbZn				6.78	PbZn	
		banding sulfides/ba = 75-80°.		W.Av.	140.8	143.8	3.0	4.62	6.24	67.03			13.85	18.71	201.10
		143.5-145.5: Transitional zone - decreasing sulfide. Rx is		W.Av.	136.3	140.8	4.5	2.22	2.89	30.3					
		weakly mineralized quartz-sulfide (P).													
		145.5: Sharp contact with Calcitic sericite phyllite (SK).													
		Contact marked by 10cm. chloritic-calcitic bleached													
		sericite phyllite (Sbc+K). Plane = 80-85°.													
145.5	167.6	CALCITIC SERICITE PHYLLITE (SK). Broken, blocky core.	21.8		145.5	167.6	22.1								
		Foliation = 75-80°; F_1 = 0-10°. Calcite in both groundmass													
		and F_1.													
	167.6	END OF HOLE.													

DDH: FAGU184 -- 132 DEGREE PROFILE

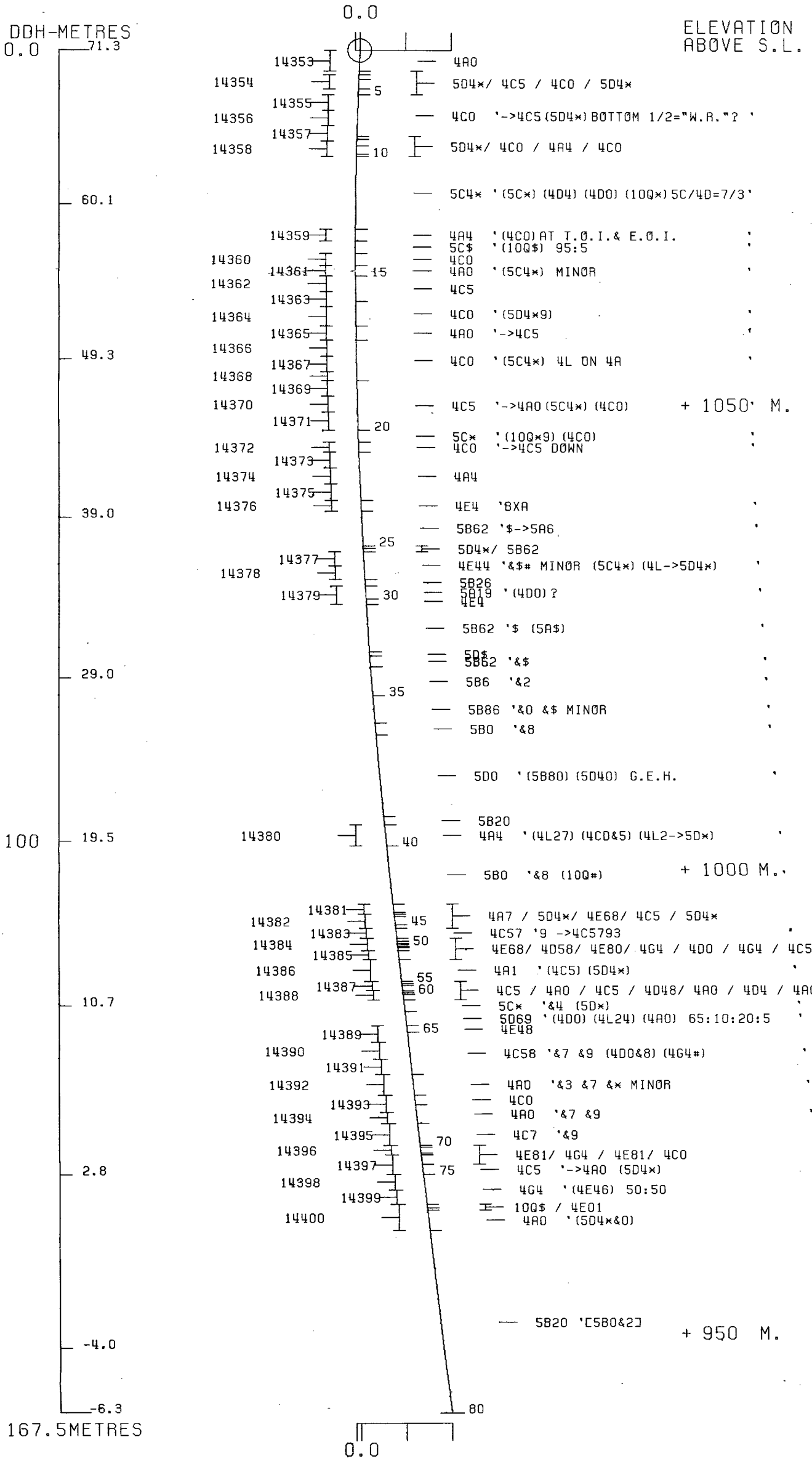
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1088 592066E ; 905179N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 155.9 Z = 1088.2

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 12 JUN 1985 1:17 PM

DDH: FAGU184 -- 132 DEGREE PROFILE

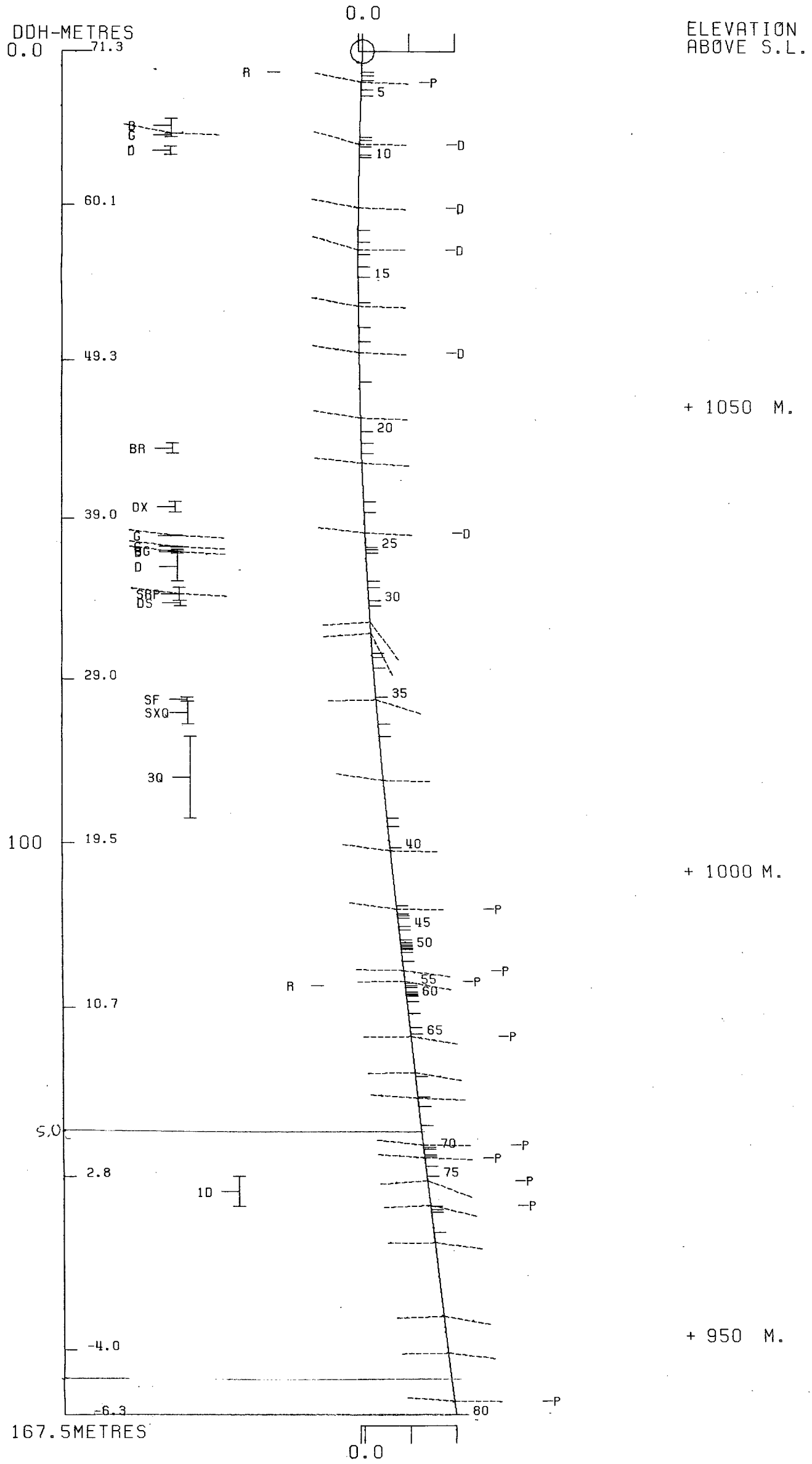
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1088 592066E ; 905179N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 155.9 Z = 1088.2

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 12 JUN 1985 1:25 PM

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU185	90607	6.1	7.6	1.5	87	4A0			1.23	1.85	20.2					3.08		.60
	90608	7.6	9.1	1.5	87	4A34			6.43	14.02	93.9					20.45		.69
	90609	9.1	10.7	1.6	100	4A34			6.83	15.27	110.1					22.10		.69
	90610	10.7	12.2	1.5	100	4DE4			5.86	11.84	66.5					17.70		.67
	90611	12.2	13.7	1.5	100	4E4			7.81	15.99	84.7					23.80		.67
	90612	13.7	15.2	1.5	100	4E4			6.43	11.59	84.7					18.02		.64
	90613	15.2	16.8	1.6	100	4E4			8.11	17.43	104.9					25.54		.68
	90614	16.8	18.3	1.5	100	4D4			10.47	26.45	172.5					36.92		.72
	90615	18.3	19.8	1.5	100	4D34			6.23	17.52	90.9					23.75		.74
	90616	19.8	20.5	.7	100	4D34			9.69	20.65	141.3					30.34		.68
	90617	57.9	58.6	.7	100	4E46			5.50	9.70	80.6					15.20		.64

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU185	90607	4AO		1.42	2.76				95.82	*							
	90608	4A34		7.43	20.90				71.67	*							
	90609	4A34		7.89	22.76				69.35	*							
	90610	4DE4		6.77	17.65				75.58	*							
	90611	4E4		9.02	23.84				67.14	*							
	90612	4E4		7.43	17.28				75.30	*							
	90613	4E4		9.37	25.98				64.65	*							
	90614	4D4		12.09	39.43				48.48	*							
	90615	4D34		7.20	26.12				66.69	*							
	90616	4D34		11.19	30.79				58.02	*							
	90617	4E46		6.35	14.46				79.19	*							

DRILL HOLE : FAGU185
NORTHING : 904,810.7
EASTING : 592,422.4
ELEVATION : 1,164.8
TOTAL DEPTH : 91.4
SECTION : W 67
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	11
NOS DOWN-H-SURVEYS:	1
NOS DOWN-H-LITHOLOGY:	25
NOS DOWN-H-STRUCTURE:	15
NOS DOWN-H-FAULTS:	46
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU185 UTM-N: 904,810.7 UTM-E: 592,422.4 UTM-ELEV: 1,164.8 TOTAL DEPTH: 91.4 SECTION: 4 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
6.1	7.6	90607	1.5	1.3	4A0			1.23	1.85	20.20											
7.6	9.1	90608	1.5	1.3	4A34			6.43	14.02	93.90											
9.1	10.7	90609	1.6	1.6	4A34			6.83	15.27	110.10											
10.7	12.2	90610	1.5	1.5	4DE4			5.86	11.84	66.50											
12.2	13.7	90611	1.5	1.5	4E4			7.81	15.99	84.70											
13.7	15.2	90612	1.5	1.5	4E4			6.43	11.59	84.70											
15.2	16.8	90613	1.6	1.6	4E4			8.11	17.43	104.90											
16.8	18.3	90614	1.5	1.5	4D4			10.47	26.45	172.50											
18.3	19.8	90615	1.5	1.5	4D34			6.23	17.52	90.90											
19.8	20.5	90616	.7	.7	4D34			9.69	20.65	141.30											
57.9	58.6	90617	.7	.7	4E46			5.50	9.70	80.60											
WEIGHTED AVERAGE																					
6.1	20.5		14.4	14.0				6.76	14.97	94.65											
57.9	58.6		.7	.7				5.50	9.70	80.60											

DDH: FAGU185 UTM-N: 904,810.7 UTM-E: 592,422.4 UTM-ELEV: 1,164.8 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	88.400	222.300

DDH: FAGU185 UTM-N: 904,810.7 UTM-E: 592,422.4 UTM-ELEV: 1,164.8 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
3.0	0001	3G0		0.5-	1
4.5	0002	4C0	[4L12 &4 -> 4C5]	0.5-	1
5.1	0003	5D4*	SHEARED	0.5-	1
7.4	0004	4AC	& BXA (4C0) T.O.I. 85:15	0.5-	1
10.7	0005	4A34	MICROBXA	0.5-	1
11.1	0006	4D4	&5 (4E0) T.O.I. MICROBXA	0.5-	1
16.8	0007	4E4	& POROUS	0.5-	1
17.3	0008	4D4	BXA [4E441 BXA]	0.5-	1
17.5	0009	4C0		0.5-	1
17.8	0010	4D4	BXA	0.5-	1
20.1	0011	4D34	BXA [4E41 BXA]	0.5-	1
20.5	0012	4D4	BXA [4J1 BXA]	0.5-	1
25.9	0013	3G4	-> (4L0) (10Q$) MINOR	0.5-	1
29.0	0014	3G0	&9 GOUGE RUBBLE	0.5-	1
30.3	0015	4LC	-> 3G48 (10Q$)	0.5-	1
37.4	0016	5A6*	-> (3G9*) E.O.I. 40:60	0.5-	1
39.5	0017	5B20	(5B80) E.O.I. 50:50	0.5-	1
41.4	0018	5A3	(10Q#) 90:10	0.5-	1
57.9	0019	5B6$	2 (1CQ# CHLOR) T.O.I.	0.5-	1
58.6	0020	4E46	(4G4)	0.5-	1
59.5	0021	5A19	(10Q$ PY)	0.5-	1
59.7	0022	5C4*		0.5-	1
61.0	0023	4C0		0.5-	1
80.1	0024	5A$	&C->(5B62&$)(10Q$)25:75:MINOR	0.5-	1
91.4	0025	5B0	&$ &8 &2 LOCALLY -> 5B3	0.5-	1

DDH: FAGU185 UTM-N: 904,810.7 UTM-E: 592,422.4 UTM-ELEV: 1,164.8 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU185	0.0	2.0	CS2		0	0	0	0	5	230	0	1	1	1
FAGU185	0.0	3.3	PS2	P	0	0	0	0	55	230	0	1	1	1
FAGU185	0.0	7.3	CS2		0	0	0	0	55	230	0	1	1	1
FAGU185	0.0	12.7	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGU185	0.0	21.1	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGU185	0.0	24.2	PS2	P	0	0	0	0	45	230	0	1	1	1
FAGU185	0.0	33.7	CS2		0	0	0	0	10	230	0	1	1	1
FAGU185	0.0	38.0	CS2		0	0	0	0	30	230	0	1	1	1
FAGU185	0.0	45.2	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU185	0.0	50.0	CS2		0	0	0	0	30	230	0	1	1	1
FAGU185	0.0	65.2	PS2	P	0	0	0	0	15	230	0	1	1	1
FAGU185	0.0	76.2	PS2	P	0	0	0	0	10	230	0	1	1	1
FAGU185	0.0	82.3	PS2	P	0	0	0	0	15	230	0	1	1	1
FAGU185	0.0	86.4	CS2		0	0	0	0	15	230	0	1	1	1
FAGU185	0.0	89.0	CS2		0	0	0	0	20	230	0	1	1	1

DDH: FAGU185 UTM-N: 904,910.7 UTM-E: 592,422.4 UTM-ELEV: 1,104.8 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU185	0.1	1.5	NP			0	0	C	C	0	0	1
FAGU185	0.0	2.7	1G			0	0	C	C	0	0	1
FAGU185	1.5	3.0	P1G	6		0	0	C	C	0	0	1
FAGU185	3.0	4.5	B			0	0	C	C	0	0	1
FAGU185	0.0	4.5	1R			0	0	C	C	0	0	1
FAGU185	4.5	5.1	S2B			0	0	C	C	0	0	1
FAGU185	6.1	7.4	X3B			0	0	C	C	0	0	1
FAGU185	6.1	7.4	RGP			C	0	C	C	0	0	1
FAGU185	7.4	11.1	D2B			C	0	C	C	0	0	1
FAGU185	0.0	12.1	1R			0	0	C	C	0	0	1
FAGU185	0.0	15.7	1R			0	0	C	C	0	0	1
FAGU185	0.0	15.8	1R			0	0	C	C	0	0	1
FAGU185	15.2	15.9	D			0	0	C	C	0	0	1
FAGU185	16.8	17.3	D			0	0	C	C	0	0	1
FAGU185	17.8	20.5	D			0	0	C	C	0	0	1
FAGU185	24.4	25.9	P	2		0	0	C	C	0	0	1
FAGU185	25.9	27.4	P	4		0	0	C	C	0	0	1
FAGU185	22.4	29.0	GR			0	0	C	C	0	0	1
FAGU185	27.4	29.0	P	6		0	0	C	C	0	0	1
FAGU185	29.0	30.3	3B			0	0	C	C	0	0	1
FAGU185	30.3	30.5	GP	5		0	0	C	C	0	0	1
FAGU185	31.1	32.0	G			C	0	C	C	0	0	1
FAGU185	30.3	33.3	GRP			0	0	C	C	0	0	1
FAGU185	32.7	33.3	G			0	0	C	C	0	0	1
FAGU185	33.3	35.6	2B			C	0	C	C	0	0	1
FAGU185	41.4	43.2	Q			C	0	99	999	0	0	1
FAGU185	49.2	50.0	G			0	0	C	C	0	0	1
FAGU185	51.6	53.3	P	2		0	0	C	C	0	0	1
FAGU185	53.3	54.9	NP			0	0	C	C	0	0	1
FAGU185	54.9	56.3	PBR	7		0	0	C	C	0	0	1
FAGU185	48.4	57.9	GBP			0	0	C	C	0	0	1
FAGU185	56.3	57.9	PBR	1		0	0	C	C	0	0	1
FAGU185	58.6	59.5	PB	1		0	0	C	C	0	0	1
FAGU185	59.5	59.7	BR			0	0	C	C	0	0	1
FAGU185	59.7	61.0	BXD			0	0	C	C	0	0	1
FAGU185	61.0	62.5	PBR	C		0	0	C	C	0	0	1
FAGU185	0.0	64.0	1G			0	0	C	C	0	0	1
FAGU185	62.5	65.5	PBR	5		0	0	C	C	0	0	1
FAGU185	0.0	66.0	1G			0	0	C	C	0	0	1
FAGU185	73.2	74.7	PBR	4		0	0	C	C	0	0	1
FAGU185	74.9	75.2	G			99	999	C	C	0	0	1
FAGU185	74.7	76.2	PBR	7		0	0	C	C	0	0	1
FAGU185	0.0	80.1	1G			0	0	C	C	0	0	1
FAGU185	0.0	88.5	1G			0	0	C	C	0	0	1
FAGU185	0.0	90.8	1G			0	0	C	C	0	0	1
FAGU185	80.1	91.4	2BP			0	0	0	C	0	0	1

DDH: FAGU185 UTM-N: 904,810.7 UTM-E: 592,422.4 UTM-ELEV: 1,164.8 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU185	1	1

KERR ADDI ASSAYS. 67W

CYPRUS ANVIL MINING CORPORATION Page 1 of 8

DIAMOND DRILL CORE LOG Date: _____

Hole Number: FAG U 185

Project: GRUM

Location: 67 W

Claim: _____

Terr.Plane Co-ords.: 904810.7 N

592422.4 E

Conversion of K-A surveyed grid co-ords

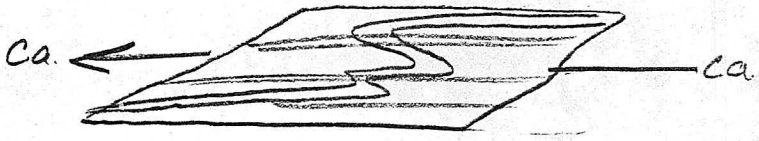
Grid Co-ords: _____

_____

Elevation: 1164.8

Total Depth: 91.4

Reference Fabric Orientation Diagram:



All symmetry determinations looking

NW with SE dipping

SW with dip azimuth 230.

Purpose: _____

Reason hole Terminated: _____

Logged by: GAJ / TDC

Date(s) Logged: 24 AUG 82

Drilling Contractor: _____

Size	CORE From	To

Collar Cased and Capped: _____

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH FAGU185 (2 8)

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	FAGU185	1164.8	904810.7	592422.4	METERS	52	

222.3 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGU185	00	88.4	220.7	AT COLLAR

DS 7 10 Nov 82

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

DDH F A G 4 1 8 5 (2–8) Cyprus Anvil Mining Corp. Page 3 of 8

Lithologic Log Date: AUG. 24/82 Logged By: GAJ/TDC

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	0.0	3.0		1	3G01	Medium - Dk. Medgy. phyll - non-calc, non-dolo
L						(0-1.5 no recov.) (1.5-3.0 - 0.9m recov.)
						v recov grunts
-						minor IND. gouge 2.7, local IND gouge
L	3.0	4.5		2	4C01	[4L12±4 => 4C5] cream folia at top, medgry
						at bottom, broken but good recov, .1m of
						rubble at base
L	4.5	5.1		3	5D4*	Sheared, core is mod. broken
L	5.1	7.4		4	4A01	± bx (4CO) 4CO in top .2m adj. to
						overlying 5D4*. bx occurs 6.1 to 7.4
						consists of sulfide fragments in a blackrock flour
						matrix appears to be fault bx, fault at base 70°-X.A
						v. broken, local rubble, IND gouge 6.1, mod.
						recovery.
L	7.4	10.7		5	4A34	ext. micro bx, ~ Silicate frags. in Sulphide
						matrix, appears ductile flow bx., approx.
						50% total sulphides. Py: 2 Sphal
						good 4A banding, mod. broken (split), no gouge
L	10.7	11.1		6	4D4±	5 (4E0) -> in top .4m of unit, 4D45 is
						ext. micro bx'd. Mod. broken, no gouge
L	11.1	16.8		7	4E4±	porous. Well-banded massive Sulphs.
						local 'sulph in sulph' bx (15.2-15.9), intact, rubble at 12.1 15.7, 15.8
L	16.8	17.3		8	4D4.4	micro bx ~ 0Q0 fragments. v. high grade
						-> 80% Sulphs, dominant = Sphal, [4E44 bx]
						intact (split), no gouge.
L	17.3	17.5		9	4C01	good banding. intact (split)
L	17.5	17.8		10	4D4.4	bx as Unit #9. intact (split)
L	17.8	20.1		11	4D3	bx [4E41 bx] consists of white quartzose
						clasts. with minor sulphides in massive
						sulph matrix. ~70% tot. Sulphs Py: 2 or 3 Sphal
						entire is bx'd (Ductile flow) probably
						originally interbanded quartzose units and
						massive sulph. units now homogenous bx
L	20.1	20.5		12	4D4.4	bx. Quartzose clasts in near massive sulph.
						matrix Sphal >>> Py. v.high grade
						[4L1 bx] as above units.

DDH F,A,G,U,1,8,5 (2 / 8) Cyprus Anvil Mining Corp. Page 4 of 8

Lithologic Log Date: Au Logged By:

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	12.05	12.59		13	3G41	⇒ 4LO med→Lt. gray non-calc, bleached phyllite, locally w greenish tinge ⇒ greenish/cream 4L. (OQ* dolo)→1% TOI (contact) may be a fault (IND). mod. broken to intact, 22.4 →EOI = gouge & rubble, all indeterminate, .4m recov 24.4-25.9
L	12.59	12.90		14	3G10±	9 entirely gouged & rubbly, up & low IND., internal fabric uncertain but appears both steep gouge and also 11 Sc presumably a fault zone continued from 24.4, recov. grunks, 25.9-27.4 = .6m 27.4-29.0 = 1.0m (max)
L	12.90	13.03		15	4L10	⇒ 3G48 (OQ* dolo). Lt green/cream→ green/gray non-calc phyll. appears bleached 3G. mod→intensely broken NB. lower contact uncertain as unit is entirely within a zone which includes .4m core loss (assumption is made that loss is in next unit). lower is gouged, IND. Upper is insipient gouge, also IND.
L	13.03	13.74		16	5A6*	⇒ 3G9*. 5A6 mainly above 33.0m, 3G9* below. Above 33.3, rocks ext. broken, heavily gouged, below are mod broken → mod intact -gouges: TOI 30.5, IND Upper & low; 1m rec; 30.1-32.0, IND upper & lower, internal gouge at ∿45° to C.A. recov. good; 32.7-33.3, IND Upper & lower though upper could, but isn't necessarily, but may be. (who knows?) 11Sz. Remainder is not gouged, mod. broken→35.6, intact below. Presumably this is part of maj fault from 24.4 to 33.3.

C.A.M.C. 1981 - E-3

DDH F A G U 1 8 5 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: Aug 24/82 Logged By:

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	37 4	39 5		17	5B20	Last ½ is chloritic, maybe 5B 8 0
						Intact, all there
L	39 5	41 4		18	5A3	(OQ* calcitic) 90:10, most OQ* in
						upper .4 m, black, v. calc. phyllite
						w̄ lt. gray quartzose + carbonate bands
						intact, 100% recov
L	41 4	57 9		19	5B6*	2. (OQ* calcitic + chlorite) most
						OQ* above 43.2 where it is 70% of core,
						appears to be two approx ∥ S_2 lenses.
						running down C.A. Dolomite occurs
						in gd, lt. gray quartz-bearing bands
						Intact to 48.4, from 48.4-57.9 are
						v. broken to mod. broken, mod. gouge,
						sections of poor recovery
						gouges: 49.2 - 50.0, Upper IND as is lower,
						internal fabric suggests (though uncertainly) a
						possibly steep fault; 53.3 - 54.9 - no recovery
						("mud seam"), insipient gouge ∥ S_2 below 54.9
						but none recovered.
						Recovs.: 51.8 - 53.3 = 0.4 m; 53.3 - 54.9 - 0 m;
						54.9 - 56.3 ≅ 1.0 m; 56.3 - 57.9 = .3 m
						rubble & broken core (gouge? - not recov'ed)
						From maj. gouge (noted) to EOI, rocks
						are crackle bx'd and are healed
						by quartz & dolo
L	57 9	58 6	20	20	4E46	(4G4) Well-banded, massive baritic sulphides
						No bx seen, intact though split
						NB Lower is uncertain due to low
						recov. from 57.9 - 59.4 = 0.8 m. Recov. is
						assumed to be lost in next unit due to
						solidity of sulphides. Upper & lower against
						indeterminate rubble
L	58 6	59 5	21	21	5A19	(OQ* w̄ pyrite & dolomite) 0.1 m recovery
						(see note above), rocks are broken
L	59 5	59 7		22	5C4*	entirely broken, rubbly, contacts IND
						highly rich in FUCHITE

DDH F.A.G.U.1.8.5 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: Aug 24/82 Logged By: GAJ/TDC.

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	597	610		23	4C0	Low total sulphides, ~10% mainly Py. Broken, bx'd.
L	610	801		24	5A*±	0 => (downwards) 5B62 ± * (0Q* dolo) 5A: mainly above 65.5m, v. broken, rubbly, w̄ zones of poor recov & IND gouge, local sphal in S_2 ∥ veins w̄ bx texture (65.3), clasts in bx are S_2 foliated ∴ appear to be late-stage injection ∥ S_2; Local sections close to 3G0 below 75 m Rocks range intact -> rubble, many zones of gouge & poor recov. Gouges: (Main) 74.9 - 75.2, upper ∥ S_2, lower IND; (Lesser) at end of unit, near 64m & 66m - all IND. recovs: 61.0 - 62.5 = 0.1m; 62.5 - 64.0 = 0.8m; 64.0 - 65.5 = 0.8m; 73.2 - 74.7 = 0.7m; 74.7 - 76.2 = 1.1m; Undefined portions of unit (ie not already noted) have good recovery
L	801	914		25	5B0±	*±8, locally ±2. Rocks => 5B3 Unit is slightly rusty weathering med gray to lt. gray v. calcareous phyllite Has good lithons, commonly cast greenish, esp below 88 m, could be considered 5B80. Mod. broken, poor recovery, no significant gouge. Upper may be fault at 10° to C.A., but mostly drilled away. Minor gouge near 88.5, IND. 2 small fault zones at 90.8 60° to C.A., and another at 40° to C.A but are v. 'nuisance value' material. Rocks contain both calcite & dolomite, however calcite >>> dolomite, dolomite is only locally zoned ~0.5 m long and restricted to above 87.0 m. EOH.

DDH F.A.G.U.1.8.5 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: Aug. 24/82 Logged By:

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		20	CS2				05 230	
S		33	IND	P			55	
S		73	CS2				55	
S		127	IND	P			50	R band
S		211	IND	P			50	
S		242	IND	P			45	24.4-33.3 F/Bx
S		337	CS2				10	
S		380	CS2				30	
S		452	IND	P			40	
S		500	CS2				30	S2 NR. 11 Cax.
S		652	IND	P			15	
S		762	IND	P			10	
S		823	IND	P			15	
S		864	CS2				15	
S		890	CS2				20	
								EOH 91.4

KERR ADDI ASSAYS

DDH FAGU185 (2 … 8) Cyprus Anvil Mining Corp

Logged by DSJ/GAJ.

ASSAY LOG (SAMPLER'S COPY) Date 18 Aug 82 Sampled by KA

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	161	176	9016017	15	13	14A101	
P	176	191	9016018	15	13	14A314	
P	191	1107	9016019	16	16	14A314	
P	1107	1122	9016110	15	15	14D141	(4E4) 50/50
P	1122	1137	9016111	15	15	14E41	
P	1137	1152	9016112	15	15	14E14	
P	1152	1168	9016113	16	16	14E4	
P	1168	1183	9016114	15	15	14D14	(4C0) .2m (4D4) .3m
P	1183	1198	9016115	15	15	14D31	
P	1198	205	9016116	07	07	140314	
P	1579	1586	9016117	07	07	14E416	

Metres

FAULT

DDH F.A.G.U.1.8.5 (2 8) **Cyprus Anvil Mining Corp.** Page _____ of _____

Structural Log Date: _____ Logged By: _____

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip Direct. (28–32)	S_1 Dip Direct. (34–38)	S_2 Dip Direct (40–44)	Description
F	01	15	NP					no recovry
F	15	30	P1G	6				0.9m/1.5m, minor IND gouge
F		27	1G					local IND gouge
F	30	45	B					brken — good recovry
F		45	1R					0.1m rubble
F	45	51	S2B					sheared, mod. brken
F	61	74	X3B					bxa, sulphide frags in black rock flour matrix, at base fault 70° C.A. v. brken
F	61	74	RGP					local rubble, IND gouge @ 6.1m, moderate recovry
F	74	111	D2B					extensive microbxa w/ silicate frags in sulphide matrix, mod. brken — no gouge
F		121	1R					rubble
F		157	1R					rubble
F		158	1R					rubble
F	152	159	D					sulphide in sulphide bxa
F	168	173	D					microbxa w/ 10QO frags, no gouge
F	178	205	D					white qtzose clasts in massive sulphide matrix
F	224	290	GR					gouge & rubbly IND
F	244	259	P	2				0.4m/1.5m
F	259	274	P	4				0.6m/1.5m
F	274	290	P	6				1.0m/1.6m
F	290	303	3B					intensely brken
F	303	333	GRP					extensively brken, heavily gouged
F	303	305	GP	5				0.1m/0.2m IND
F	311	320	G					gouge IND, 45° C.A. recovry good
F	327	333	G					IND
F	333	356	2B					mod. brken
F	414	432	Q			99999		10Q is 70% core

both steep & ∥ S_2

Metres

FAULT

DDH EAGU185 Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1418.4	1517.9	GBP					v. brken to mod. brken, mod. gouge, sections of poor recovery
F	1419.2	1510.0	G					IND, steep fault suggested by internal fabric
F	1533.3	1549.9	NP					"mud seam" - no recovery
F	1518.3	1533.3	P	2				0.4m / 1.5m
F	1549.9	1563.3	PBR	7				brken core & rubble 1.0m / 1.4m
F	1563.3	1579.9	PBR	1				0.3m / 1.6m
F	1586.6	1595.5	PB	1				0.1m / 0.9m brken
F	1595.5	1597.7	BR					brken & rubbly
F	1597.7	1610.0	BXID					brken, bxiated
F	1610.0	1625.0	PBR	0				0.1m / 1.5m
F	1625.5	1655.5	PBR	5				1.6m / 3.0m
F	1732.4	1747.7	PBR	4				0.7m / 1.5m
F	1747.7	1762.7	PBR	7				1.1m / 1.5m
F	1749.2	1752.2	G		999 9999			gouge
F		1640.1	IG					minor gouge
F		1660.1	IG					minor gouge
F		1801.1	IG					minor gouge, 10° C.A.
		1885.1	IG					minor IND gouge
		1910.8	IG					minor IND gouge 60° C.A. & 40° C.A.
	1801.1	1911.4	2BP					mod. brken, poor recovery

DIAMOND DRILL RECORD

LOGGED BY JIM PAXTON

D.D.H. Nº 76-U-185 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,600.75 2N STARTED SEPTEMBER 8, 1976

DEPARTURE 7,723.40 67W COMPLETED SEPTEMBER 9, 1976

ELEVATION 1,175.36 PROPOSED DEPTH

ULTIMATE DEPTH 91.4m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224° 29'	+1° 36'

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Py PbZ	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	1.5	CORE GROUND AT COLLAR.														
1.5	3.0	SERICITE PHYLLITE (S).		0.7/1.5												
		Soft, silvery, friable, gray sericite. F (?) = 0-20°.														
			15 5	1.3/1.5	B190	6.1	7.6	1.5	1.23	1.85	20.23					
3.0	5.5	BLEACHED QUARTZ SERICITE (Sb). Rec. 2.0/2.5	50 15	1.3/1.5	B191	7.6	9.1	1.5	6.43	14.02	93.94			9.65	21.03	140.91
		Flecks of green mariposite.	50 20	1.6/1.6	B192	9.1	10.7	1.6	6.83	15.27	110.1			10.93	24.43	176.10
		Irregular bands of sulphides - trace?	70 20	1.5/1.5	B193	10.7	12.2	1.5	5.86	11.84	66.51			8.79	17.76	99.77
			70 20	1.5/1.5	B194	12.2	13.7	1.5	7.81	15.99	84.69			11.72	23.99	127.04
5.5	7.4	BRECCIA (MXg).	70 20	1.5/1.5	B195	13.7	15.2	1.5	6.43	11.59	84.69			9.65	17.39	127.04
		Angular fragments of sulphide rock in a black	70 30	1.6/1.6	B196	15.2	16.8	1.6	8.11	17.43	104.9			12.98	27.89	167.87
		graphitic groundmass.	70 30	1.5/1.5	B197	16.8	18.3	1.5	10.47	26.45	172.5			15.71	39.68	258.69
			65 20	1.5/1.5	B198	18.3	19.8	1.5	6.23	17.52	90.86			9.35	26.28	136.29
7.4	10.7	QUARTZ SULPHIDE (P).	65 20	0.7/0.7	B199	19.8	20.5	0.7	9.69	20.65	141.3			6.78	14.46	98.88
		Bands of quartz-sericite in brown sphalerite-pyrite														
		mixture at 20°.			W.Av.	7.6	20.5	12.9	7.41	16.50	103.3			95.56	212.91	1332.6

LOGGED BY _____ D.D.H. NO 76-U-185 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
10.7	20.5	MASSIVE SULPHIDE (M) (MB+MV).													
		Brown to red brown colour. Occasional streaky composition													
		banding at 45°. Local small vuggy sections (MV). Contacts													
		sharp 45° at 75° to F_2. F_2 @ 30° to CA.													
20.5	24.4	BLEACHED SERICITE PHYLLITE (Sb) to (S).	3.5/3.9												
		Grades to silvery friable sericite similar to 1.5-3.0.													
		F_2 = 30°.													
24.4	33.0	FAULT ZONE.	6.0/8.6												
		24.4-25.9: White gouge.													
		25.9-29.0: Dark gray gouge.													
		29.0-30.0: Bleached sericite (Sb) and gouge.													
		30.0-33.0: Graphitic Phyllite (G) plus black gouge.													
33.0	36.5	QUARTZ GRAPHITE PHYLLITE (G).	3.5/3.5												
		Wavey F_2 0° to 30° to Core Axis.													
36.5	39.6	QUARTZ SERICITE PHYLLITE (S).	3.0/3.1												
		F_2 at 0-10°.													

LOGGED BY _____ D.D.H. Nº 76-U-185 PAGE 3

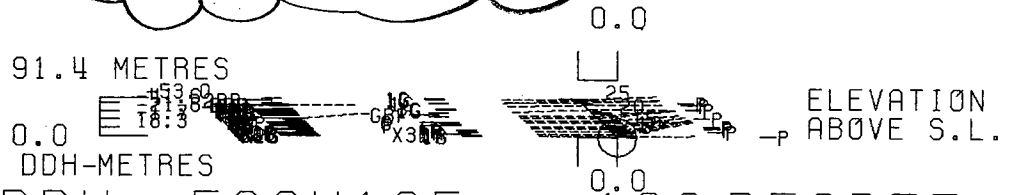
Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
39.6	41.3	QUARTZ GRAPHITE PHYLLITE (G).	1.7/1.7												
		Drag folded F_1 quartz bands at 0° and 30°. F_2 is axial to													
		these folds at 30-45°.													
41.3	43.1	QUARTZ VEIN.	1.8/1.8												
		Scattered veinlets of galena. Contacts at 45°.													
43.1	57.9	QUARTZ SERICITE GRAPHITE PHYLLITE (S)(g).	13.0/14.8												
		F_2 = 0°.													
		49.2-50.3: Fault gouge.													
		53.3-54.9: Fault gouge. Washed away.													
57.9	58.6	MASSIVE SULPHIDE (M). 70 15	0.7/0.7	B301	57.9	58.6	0.7	5.50	9.70	80.57					
		Very faint banding at 45°.													
58.6	61.0	BRECCIA.	2.4/2.4												
		Quartz, pyrite, in sericite plus chalcopyrite.													
61.0	80.0	QUARTZ SERICITE GRAPHITE PHYLLITE (Sg).	18.0/19.0												
		Strong F_2 at 10°. F_1 dragfolded axially to F_2.													

LOGGED BY _____ D.D.H. NO 76-U-185 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
80.0	91.4	CHLORITE CALCITE PHYLLITE (SK).	11.0/11.4												
		Pale gray colour. Interbanded silvery sericite, flakey													
		green chlorite and laminae of white quartz-calcite drag													
		folded as in previous section and cut by F_2 @ 0-20°. Also													
		numerous tension fractures and veinlets at right angles													
		to F_2.													
	91.4	END OF HOLE.													

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 22 OCT 1985 1:50 PM

* Erased from section *



DDH: FAGU185 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1165 592422E ; 904811N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 132.0

CORRECTED COLLAR POSITION: X = 667.1 Z = 1164.8

SECTION NAME: 01N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 22 OCT 1985 1:52 PM

Erased from section

0.0

91.4 METRES

0.0
DDH-METRES

90617

0.0

ELEVATION
ABOVE S.L.

3GO / 4A0 / 5B4×/ 4AO / 4A34/ 4D4 / 4E4 / 4D4 / 4CO / 4D4 /4D34 / 4D4 / 3G4 / 3GO / 4LO / 5A6×/ 5B2O/ 5A3 / 5B6$/ 4E46/ 5A19/ 5C4×/ 4CO / 5A$ / 5BO

DDH: FAGU185 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV:1165 592422E ; 904811N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 132.2

CORRECTED COLLAR POSITION: X = 667.1 Z = 1164.8

SECTION NAME: 01N

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
									.10	.70	4.1					.80		.88
FAGU187	91374	16.8	18.3	1.5	93	4A0			.43	.78	15.1					1.21		.64
	91375	18.3	19.8	1.5	87	4A13			1.48	2.85	20.2					4.33		.66
	91376	19.8	21.3	1.5	87	4A13			3.05	3.55	40.5					6.60		.54
	91377	21.3	22.9	1.6	100	4A13			1.23	1.33	17.1					2.56		.52
	91378	22.9	24.4	1.5	100	4A13			1.10	1.48	15.1					2.58		.57
	91379	24.4	25.9	1.5	93	4A13			1.93	1.85	20.2					3.78		.49
	91380	25.9	27.4	1.5	93	4A13			.98	2.05	31.2					3.03		.68
	91381	27.4	29.0	1.6	100	4A13			.60	1.33	8.2					1.93		.69
	91382	29.0	30.5	1.5	100	4A13			1.63	2.93	22.3					4.56		.64
	91383	30.5	32.0	1.5	53	4A13			1.03	1.68	14.1					2.71		.62
	91384	32.0	33.5	1.5	100	4A13			.33	1.25	9.9					1.58		.79
	91385	33.5	35.1	1.6	100	4A13			.47	4.90	7.2					5.37		.91
	91386	45.7	47.2	1.5	100	4D3			.05	1.33	5.1					1.38		.96
	91387	47.2	48.8	1.6	100	4C3			.03	.93	5.1					.96		.97
	91388	48.8	50.3	1.5	100	4C3			.04	2.35	9.9					2.39		.98
	91389	50.3	51.8	1.5	87	4C3			.04	5.00	8.2					5.04		.99
	91390	51.8	53.3	1.5	33	4D3			.10	2.13	8.9					2.23		.96
	91391	53.3	54.9	1.6	88	4C3			.09	2.08	12.0					2.17		.96
	91392	54.9	56.4	1.5	100	4A0			.13	1.95	11.0					2.08		.94
	91393	56.4	57.9	1.5	80	4C3			.28	1.80	8.9					2.08		.87
	91394	57.9	59.4	1.5	60	4C3			1.95	3.98	42.5					5.93		.67
	91395	59.4	60.3	.9	100	4CE												

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU187	91374	4A0		.12	1.04				98.84	*							
	91375	4A13		.50	1.16				98.34	*							
	91376	4A13		1.71	4.25				94.04	*							
	91377	4A13		3.52	5.29				91.19	*							
	91378	4A13		1.42	1.98				96.60	*							
	91379	4A13		1.27	2.21				96.52	*							
	91380	4A13		2.23	2.76				95.01	*							
	91381	4A13		1.13	3.06				95.81	*							
	91382	4A13		.69	1.98				97.32	*							
	91383	4A13		1.88	4.37				93.75	*							
	91384	4A13		1.19	2.50				96.31	*							
	91385	4A13		.38	1.86				97.76	*							
	91386	4D3		.54	7.30				92.15	*							
	91387	4C3		.06	1.98				97.96	*							
	91388	4C3		.03	1.39				98.58	*							
	91389	4C3		.05	3.50				96.45	*							
	91390	4D3		.05	7.45				92.50	*							
	91391	4C3		.12	3.18				96.71	*							
	91392	4A0		.10	3.10				96.80	*							
	91393	4C3		.15	2.91				96.94	*							
	91394	4C3		.32	2.68				96.99	*							
	91395	4CE		2.25	5.93				91.81	*							

DRILL HOLE : FAGU187
NORTHING : 904,811.2
EASTING : 592,422.1
ELEVATION : 1,164.2
TOTAL DEPTH : 91.4
SECTION : W 67
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 22
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 21
NOS DOWN-H-STRUCTURE: 14
NOS DOWN-H-FAULTS: 19
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU187 UTM-N: 904,811.2 UTM-E: 592,422.1 UTM-ELEV: 1,164.2 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
16.8	18.3	91374	1.5	1.4	4A0			.10	.70	4.10											
18.3	19.8	91375	1.5	1.3	4A13			.43	.78	15.10											
19.8	21.3	91376	1.5	1.3	4A13			1.48	2.85	20.20											
21.3	22.9	91377	1.6	1.6	4A13			3.05	3.55	40.50											
22.9	24.4	91378	1.5	1.5	4A13			1.23	1.33	17.10											
24.4	25.9	91379	1.5	1.4	4A13			1.10	1.48	15.10											
25.9	27.4	91380	1.5	1.4	4A13			1.93	1.85	20.20											
27.4	29.0	91381	1.6	1.6	4A13			.98	2.05	31.20											
29.0	30.5	91382	1.5	1.5	4A13			.60	1.33	8.20											
30.5	32.0	91383	1.5	.8	4A13			1.63	2.93	22.30											
32.0	33.5	91384	1.5	1.5	4A13			1.03	1.68	14.10											
33.5	35.1	91385	1.6	1.6	4A13			.33	1.25	9.90											
45.7	47.2	91386	1.5	1.5	4D3			.47	4.90	7.20											
47.2	48.8	91387	1.6	1.6	4C3			.05	1.33	5.10											
48.8	50.3	91388	1.5	1.5	4C3			.03	.93	5.10											
50.3	51.8	91389	1.5	1.3	4C3			.04	2.35	9.90											
51.8	53.3	91390	1.5	.5	4D3			.04	5.00	8.20											
53.3	54.9	91391	1.6	1.4	4C3			.10	2.13	8.90											
54.9	56.4	91392	1.5	1.5	4A0			.09	2.08	12.00											
56.4	57.9	91393	1.5	1.2	4C3			.13	1.95	11.00											
57.9	59.4	91394	1.5	.9	4C3			.28	1.80	8.90											
59.4	60.3	91395	.9	.9	4CE			1.95	3.98	42.50											
WEIGHTED AVERAGE																					
16.8	35.1		18.3	16.9				1.16	1.82	18.31											
45.7	60.3		14.6	12.3				.24	2.57	10.55											

DDH: FAGU187 UTM-N: 904,811.2 UTM-E: 592,422.1 UTM-ELEV: 1,164.2 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	125.600	224.500

DDH: FAGU187 UTM-N: 9C4,811.2 UTM-E: 592,422.1 UTM-ELEV: 1,164.2 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.2	0C01	#		0.5-	1
5.8	0C02	3G9	(10QC) 95:05	0.5-	1
6.4	0C03	3G9	-> (4L12 [4CC])	0.5-	1
7.1	0C04	5D4*		0.5-	1
8.2	0C05	4CC	(10Q$)	0.5-	1
9.0	0C06	5D4*		0.5-	1
9.6	0C07	4CC	-> (4C5) E.O.I.	0.5-	1
18.9	0C08	4AC	-> 4A1	0.5-	1
46.0	0C09	4A13		0.5-	1
55.0	0C10	4C3	-> 4E1 BXA	0.5-	1
55.9	0C11	4AC		0.5-	1
59.8	0C12	4C3	-> 4E10 (4D3) BXA	0.5-	1
60.8	0C13	4EC	BXA	0.5-	1
64.2	0C14	5B6	&2 [3GO &9] GOUGE	0.5-	1
74.6	0C15	5B2	&C &$	0.5-	1
74.7	0C16	5A0		0.5-	1
76.2	0C17	5B80	&2	0.5-	1
76.6	0C18	5AC	SHEARED	0.5-	1
82.3	0C19	5B0		0.5-	1
88.1	0C20	5B80		0.5-	1
91.4	0C21	5B0		0.5-	1

DDH: FAGU187 UTM-N: 904,811.2 UTM-E: 592,422.1 UTM-ELEV: 1,104.2 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU187	0.0	2.6	CS2	0	0	0	0	50	230	0	1	1	1
FAGU187	0.0	8.6	PS2	0	0	0	0	15	230	0	1	1	1
FAGU187	0.0	12.3	CS2	0	0	0	0	28	230	0	1	1	1
FAGU187	0.0	22.0	CS2	0	0	0	0	33	230	0	1	1	1
FAGU187	0.0	30.0	CS2	0	0	0	0	1	230	0	1	1	1
FAGU187	0.0	34.7	CS2	0	0	0	0	1	230	0	1	1	1
FAGU187	0.0	40.6	CS2	0	0	0	0	15	230	0	1	1	1
FAGU187	0.0	45.5	PS1	0	0	20	0	0	230	0	1	0	0
FAGU187	0.0	67.0	CS2	0	0	0	0	5	230	0	1	1	1
FAGU187	0.0	70.0	CS2	0	0	0	0	1	230	0	1	1	1
FAGU187	0.0	75.8	CS2	0	0	0	0	10	230	0	1	1	1
FAGU187	0.0	80.5	CS2	0	0	0	0	10	230	0	1	1	1
FAGU187	0.0	86.5	CS2	0	0	0	0	5	230	0	1	1	1
FAGU187	0.0	90.0	CS2	0	0	0	0	5	230	0	1	1	1

DDH: FAGU187 UTM-N: 904,811.2 UTM-E: 592,422.1 UTM-ELEV: 1,164.2 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU187	0.1	2.2	NP			0	0	0	0	0	0	1
FAGU187	3.0	3.2	GR			0	0	0	0	0	0	1
FAGU187	12.5	16.4	XD			0	0	0	0	0	0	1
FAGU187	32.0	38.0	1XD			0	0	0	0	0	0	1
FAGU187	9.6	46.0	1B			0	0	0	0	0	0	1
FAGU187	46.0	49.5	2B			0	0	0	0	0	0	1
FAGU187	50.3	51.8	PB	6		0	0	0	0	0	0	1
FAGU187	51.8	53.3	PR	1		0	0	0	0	0	0	1
FAGU187	46.0	55.0	XD			0	0	0	0	0	0	1
FAGU187	53.3	55.0	R3B			0	0	0	0	0	0	1
FAGU187	55.0	55.9	R3B			0	0	0	0	0	0	1
FAGU187	55.9	59.8	XDB			0	0	0	0	0	0	1
FAGU187	57.9	59.8	P	4		0	0	0	0	0	0	1
FAGU187	59.8	60.8	XD			0	0	0	0	0	0	1
FAGU187	60.8	64.2	G			0	0	0	0	99	999	1
FAGU187	0.0	72.8	1G			0	0	0	0	0	0	1
FAGU187	0.0	74.6	1G			0	0	0	0	0	0	1
FAGU187	76.2	76.6	3S			0	0	0	0	0	0	1
FAGU187	79.0	79.2	1GB			0	0	0	0	0	0	1

DDH: FAGU187 UTM-N: 904,211.2 UTM-E: 592,422.1 UTM-ELEV: 1,164.2 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU187	1	1

674

CYPRUS ANVIL MINING CORPORATION

Page 1 of 6

DIAMOND DRILL CORE LOG

Date: 26 Nov 82

Hole Number: FAGU 187

Project: grum

Location:

Claim:

Terr.Plane Co-ords.: 904811.2 N

592422.1 E

conversion of K-A surveyed grid co-ords

Grid Co-ords:

Elevation: 1164.2

Total Depth: 91.4 m

Purpose: underground development

Reason hole Terminated: boredom?

Logged by: DSJ/DSJ/GAJ

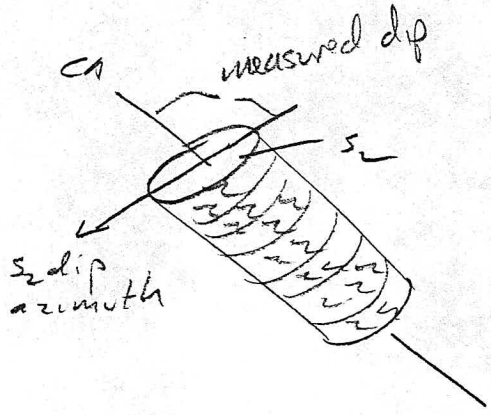
Date(s) Logged: 18 Nov 82

Drilling Contractor:

Hole Cemented:

Steel down hole:

Reference Fabric Orientation Diagram:



All symmetry determinations looking

_____ with _____ dipping

_____ with dip azimuth _____.

Size	CORE From	To

Collar Cased and Capped: _____

Started: _____ Completed: _____

C.A.M.C. 1981 - E - 1

Cyprus Anvil Mining Corp.

DDH FAGU187 (2 8)

Diamond Drill Core Log Date: 26 NOV 82 Logged By: DSJ/GAJ

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
	2 8	10 16	17 24	25 32	34 39	41 42
T	FAGU187	4164.2	9048111.2	592423.1	METRES	SZ

224.5 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	FAGU187	00	125.6	222.9	ATCOLLAR

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
	2 8	10 56
C	FAGU187	NO DOWNHOLE SURVEY

DDH FAGU187 (2 Meters 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 13 Nov. 82 Logged By: GAJ / DSJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	00	22		1	#	No recovery
L	22	58		2	3G9	(OQO) not spkld or stringered, no sst. lams. med. gray w/ dk. gray bands 11S2 3.0-3.2 = indeter. gouge & rubble, minor fault; OQO 5.6-5.8m
L	58	64		3	3G9	⇒ 4L12 [4CO]; intact
L	64	71		4	5D4*	no fuchsite, intact
L	71	82		5	4CO	(OQ*dol); ≈10-15% py in well devel^d bands w/ text. ident. to 4A — probable protolith i.e. 4CO ≡ bleached 4AO
L	82	90		6	5D4*	
L	90	96			4CO	⇒ 4C5 downhole c.f. #5 probably bleached 4A w/ gradational contact downhole into 4AO
L	96	189		7	4AO	good exhal. text., well banded, negligible base metals, ≈15% py; several bxia sections 12.5-16.4m (micro-macro bxia); unit ⇒ 4A1 "cherty"; rks bkn, no gouge, rec. OK
L	189	460		8	4A13	25% py, several centimeter thick qtz-py bands; "cherty" dk. gy. matrix mod. bkn → intact, no gouge; excell exhal. textures; several bxias 32.0-38.0m. — not signif
L	460	550		9	4C3	⇒ 4E1; total sulfide 40-50% i.e. very sulfidic qtzite to siliceous mass. sulfide; nearly entirely pyrite, poorly layered, heavily microbxiated w/ minor 4AO clasts in bxias, not 4C5; mod. bkn to 49.5 then crubbly & bkn. due to drilling & splitting; 50.3-51.8 = 1m. rec^y 51.8-53.3 = 0.2 m. rubble & weath^d. bxia frags. 53.3-55.0 = microbxia, weath^d & rusty, rubbly & badly bkn.
L	550	559		10	4AO	rubbly & v. bkn

DDH FAGU.187 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 18 Nov 82 Logged By: GAJ / DST

Code	From	To	Recov.	No.	Unit	(4D3) Description
1	10–14	16–20	22–24	26–28	30–34	35
L	559	598		11	4C3	⇒ 4E10 barren, microbxiated, mod. (→ ductile flow & tectonic) bkn., poor recy last ½ of unit 57.9–59.9 = 0.8 m. recd.
L	598	608		12	4E0	microbxiated, intact, low grade; sulf. in sulf. bxia
L	608	642		13	5B6	±2 [3G0±9] gouge; upper contact IND lower contact ≈ 11 S_2 @ 45° to c.a. but this not normal S_2 dip ⇒ fault may X cut S_2 on larger scale
L	642	746		14	5B2	±0 ± * dol.; not "marker"; rel. intact no gouge except @ 72.8 10 cm. IND gouge; numerous qtz-dol. veinlets X cutting S_2 poss. rel^d to above fault
L	746	747		15	5A0	gougey @ upper contact
L	747	762		16	5B80	±2
L	762	766		17	5A0	abnorm. sheared c.f. Make Believe fault lower contact may be a fault cutting c.a. @ 45° w/ DD slicks — not major fault
L	766	823		18	5B0	rel. intact; 79.0–79.2 minor gouge & bkn. core
L	823	881		19	5B80	slightly more greenish (chloritic) than above or below
L	881	914		20	5B0	as 18

DDH EAG.U.187 (2 8) Cyprus Anvil Mining Corp. Page 5 of 6

Structural Log Date: 18 Nov 82 Logged By: GAT/DSJ

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		126	CS,2				510 2310	
S		186	P,S,2				15	9-20 m. S, comp. layering ≈ 30° to c.a.
S		1723	CS,2				28	
S		2220	CS,2				33	20-35 m S, comp. layering ≈ 45° to c.a.
S		3000	CS,2				00	
S		3447	CS,2				00	35-45 m S, comp. layering ≈ 30° to c.a.
S		4065	CS,2				15	
S		4555	PS,1			20		no S_2 developed
S		6070	CS,2				5 830	
S		7000	CS,2				00	
S		7558	CS,2				10	
S		8005	CS,2				10	
S		8645	CS2				5	
S		9000	CS,2				5	

DDH FA80187 Cyprus Anvil Mining Corp Page 6 of 6

Logged by DSJ/GAJ

ASSAY LOG (SAMPLER'S COPY) Date 26Nov82 Sampled by K.A.

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
P	1168	1183	913714	15	14	4A10	Kerr Addison Assays
P	1183	1198	913715	15	13	4A13	(4A0)
P	1198	2113	913716	15	13	4A13	
P	2113	2129	913717	15	16	4A13	4
P	2129	2144	913718	15	15	4A13	
P	2144	2259	913719	15	14	4A13	
P	2259	2274	913720	15	14	4A13	
P	2274	2900	913721	15	16	4A13	
P	2900	3005	913722	15	15	4A13	
P	3005	3200	913723	15	08	4A13	
P	3200	3335	913724	15	15	4A13	
P	3335	3501	913725	16	16	4A13	
P	4557	4672	913816	15	15	4C3D	→4E1
P	4672	4888	913817	16	16	4C3	→4E1
P	4888	5003	913818	15	15	4C3	→4E1
P	5003	5118	913819	15	13	4C3	→4E1
P	5118	5333	913820	15	05	4C3D	→4E1
P	5333	5499	913821	16	14	4C3	→4E1
P	5499	5664	913822	15	15	4A10	(4C3)
P	5664	5799	913823	15	12	4C3	→4E1
P	5799	5944	913824	15	09	4C3	→4E1
P	5944	6003	913825	09	09	~~4C3~~	→4E1 4CE

C.A.M.C. 1981 - E - 5

Metres

FAULT

DDH FAGU 187 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	10 1	12 2	N P					NO recovry
F	30	32	G R					IND gouge & rubble
F	125	164	X D					micro - macro bxia sections
								brken, no gouge
F	196	460	I B					mod. brken to intact
F	3120	3800	I X D					several bxias.
F	4160	5550	X D					heavily microbxiated w/
								minor 4AO clasts in bxias
F	4160	4195	2 B					mod. brken
F	5103	5118	P B	6				1m / 1.5m brken & crumbly
F	5118	5133	P R	1				rubble & weathered bxia frags
								0.2m / 1.5m
F	5133	5150	R 3 B					rubbly & badly brken
F	5150	5159	R 3 B					rubbly & v. brken
F	5159	5198	X D B					microbxiated - ~~ketonic~~ &
								ductile flow, mod. brken
F	5179	5198	P	4				0.8m / 1.9 m
F	5198	6108	X D					microbxiated — sulph in
								sulph ~~matrix~~ bxia
F	6108	6142	G				999 999	gouge, upper IND,
								lower $11 S_2$ - 45° CA
F		7128	1 G					10 cm IND gouge
F		7146	1 G					gouge
	7162	7166	3 S					abnormally sheared —
								c.f. Make Believe Fault
	7190	7192	1 G B					minor gouge & brken core

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

DIAMOND DRILL RECORD

LOGGED BY J. PAXTON

PROPERTY GRUM JOINT VENTURE

LATITUDE 2N BEARING OF HOLE ~~ppm 226.5°~~ STARTED Sept 9/76

DEPARTURE 67W DIP OF HOLE -35°55' ~~X~~ COMPLETED Sept 10/76

ELEVATION _____ DIP TESTS None DEPTH Proposed: 0 Ultimate: 91.4

D.D.H. No. U-187 PAGE 1 of 3

CLAIM No. _____

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Fy	Pb-Zn	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0.0	2.2	Core Missing															
2.2	5.0	Sericite Phyllite (S)			3.5/3.8												
		Dark grey friable sericite															
		F_2 = 0 - 30°															
		3.0 - 3.2 Grey gouge															
					4.5/4.5												
5.0	9.5	Bleached Quartz Sericite (Sb)															
		Irregular masses of quartz	15	Tr	1.5/1.5		7.5	9.1	1.5								
		and of pyrite	15	Tr	1.5/1.6		9.1	10.7	1.6								
			15	Tr	0.9/0.9		10.7	11.6	0.9								
9.5	51.0	Graphitic Quartz Sulphide	15	Tr	0.6/0.6		11.6	12.2	0.6								
		Graphitic phyllite interbanded with	15	Tr	1.3/1.5		12.2	13.7	1.5								
		coarse grained quartz - sulphide	15	Tr	1.2/1.5		13.7	15.2	1.5								
		10.5 F_1 = 30° F_2 = 30°	15	Tr	1.3/1.6		15.2	16.8	1.6								
		16.0 F_1 = 90° F_2 = 30°	25	2	1.4/1.5	B302	16.8	18.3	1.5	0.10	0.70	4.11			0.80	Pt2n	
		20.0 F_1 Lost F_2 = 40°	40	3	1.3/1.5	B303	18.3	19.8	1.5	0.43	0.78	15.09			1.21	"	
		27.0 F_1 Lost F_2 = 45°															

LOGGED BY _____ D.D.H. NO U-187 PAGE 2 of 3

Interval From	Interval To	DESCRIPTION	Py	Pb.Zn	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		Past 15.0 containing interbands	30	2	1.3/1.5	B304	19.8	21.3	1.5	1.48	2.85	20.23	✓		2.22	4.28	30.35
		of massive sulphide 3-5 cm	40	2	1.5/1.5	B305	21.3	22.9	1.6	3.05	3.55	40.46	✓		4.88	5.68	64.74
		32.1 - 33.0 Breccia PX_P	40	2	1.5/1.5	B306	22.9	24.4	1.5	1.23	1.33	17.14			2.56	ptzn	
		35.0 - F_1 = 90 F_2 not visible	40	3	1.4/1.5	B307	24.4	25.9	1.5	1.10	1.48	15.09			2.58	"	
		39.0 F_1 = 20 F_2 = 30 @ 50° to F_1	40	3	1.4/1.5	B308	25.9	27.4	1.5	1.93	1.85	20.23			3.78	"	
		42.0 F_1 = 30 F_2 = 20	30	3	1.5/1.5	B309	27.4	29.0	1.6	0.48	2.05	31.20			3.03	"	
		Scattered Cpy throughout.	30	2	1.5/1.5	B310	29.0	30.5	1.5	0.60	1.33	8.23	✓				
		Traces of magnetite locally	25	Tr	0.8/1.5	B311	30.5	32.0	1.5	1.63	2.93	22.29	✓				
			40	3	1.5/1.5	B312	32.0	33.5	1.5	1.03	1.08	14.06	✓				
51.0	55.9	Breccia MX_M	30	2	1.6/1.6	B313	33.5	35.1	1.6	0.33	1.25	9.44	✓				
		Angular fragments of phyllite	20	Tr	1.5/1.5		35.1	36.6	1.5								
		and sulphides in a sulphide	20	Tr	1.5/1.5		36.6	38.1	1.5								
		ground mass	20	Tr	1.5/1.5		38.1	39.6	1.5								
			20	Tr	1.5/1.5		39.6	41.1	1.5								
55.9	64.2	Fault Gouge.	20	Tr	1.6/1.6		41.1	42.7	1.6								
		Dark grey. Plastic	30	Tr	1.5/1.5		42.7	44.2	1.5								
			30	Tr	1.5/1.5		44.2	45.7	1.5								
			40	2	1.5/1.5	B314	45.7	47.2	1.5	0.47	4.90	7.20	✓				
			40	2	1.6/1.6	B315	47.2	48.8	1.6	0.05	1.33	5.14			1.38	ptzn	
			40	2	1.5/1.5	B316	48.8	50.3	1.5	0.03	0.93	5.14			0.96		
			60	3	1.3/1.5	B317	50.3	51.8	1.5	0.04	2.35	9.44			8.39		

LOGGED BY _____ D.D.H. NO. V-187 PAGE 3 of 3

Interval From	Interval To	DESCRIPTION	Py	Pb Zn	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
64.2	72.0	Quart Sericite Calcite Phyllite (S_K)	70	S	0.5/1.5	B318	51.8	53.3	1.5	0.04	5.00	8.23			5.04	Pb Zn	
		Dark gray color.	70	S	1.4/1.6	B319	53.3	54.9	1.6	0.10	2.13	8.91		2.23	2.23	"	
		Folded F_1 subparallel to F_2	50	S	1.5/1.5	B320	54.9	56.4	1.5	0.09	2.08	12.00		2.17	2.17	"	
		F_2 = 0°-30°	60	S	1.2/1.5	B321	56.4	57.9	1.5	0.13	1.95	10.97		2.08	2.08	"	
			70	S	0.9/1.5	B322	57.9	59.4	1.5	0.28	1.80	8.91		2.08	2.08	"	
72.0	91.4	Quart Chlorite Calcite Phyllite (C_K)	80	8	0.9/0.9	B323	59.4	60.3	0.9	1.95	3.48	42.51	✓				
		Grey green color.															
		F_2 = 15° Local short sections of															
		graphitic phyllite				WT.AV.	16.8	17.8	3.0	1.01	Pb Zn						
						"	19.8	22.9	3.1	2.29	3.21	30.7			7.10	9.96	95.09
		Broad folded F_2 noted toward				"	22.9	29.0	6.1	2.99	"						
		the end of section				"	47.2	50.3	3.1	1.18	"						
						"	50.3	59.4	9.1	2.66	"						
	91.4	End of hole				"	22.9	33.5	10.6	3.02	Pb.						

DDH: FAGU187 -- 132 DEGREE PROFILE

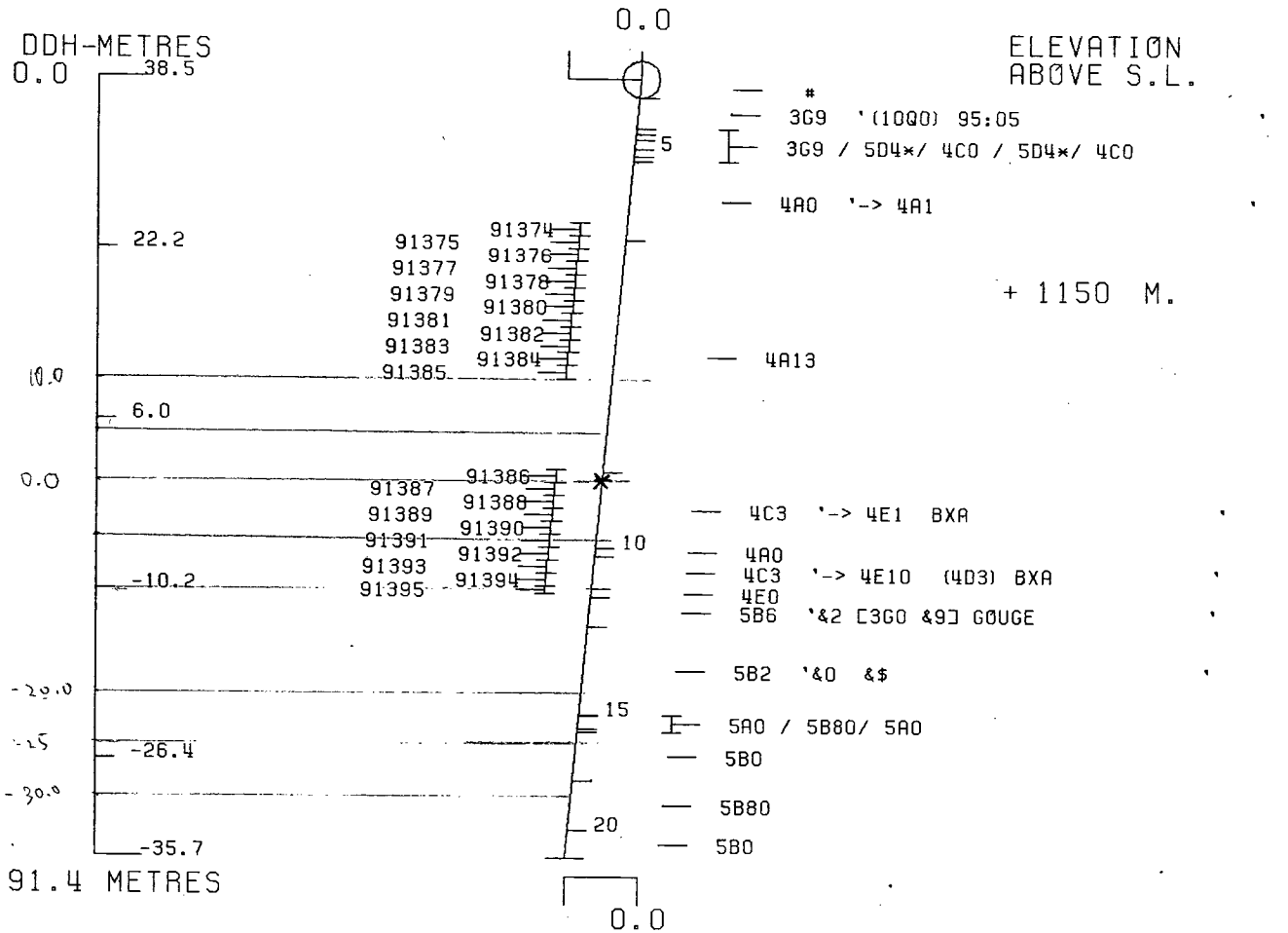
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1164 592422E ; 904811N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 666.5 Z = 1164.2

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH162 22 OCT 1985 1:54 PM

DDH: FAGU187 -- 132 DEGREE PROFILE

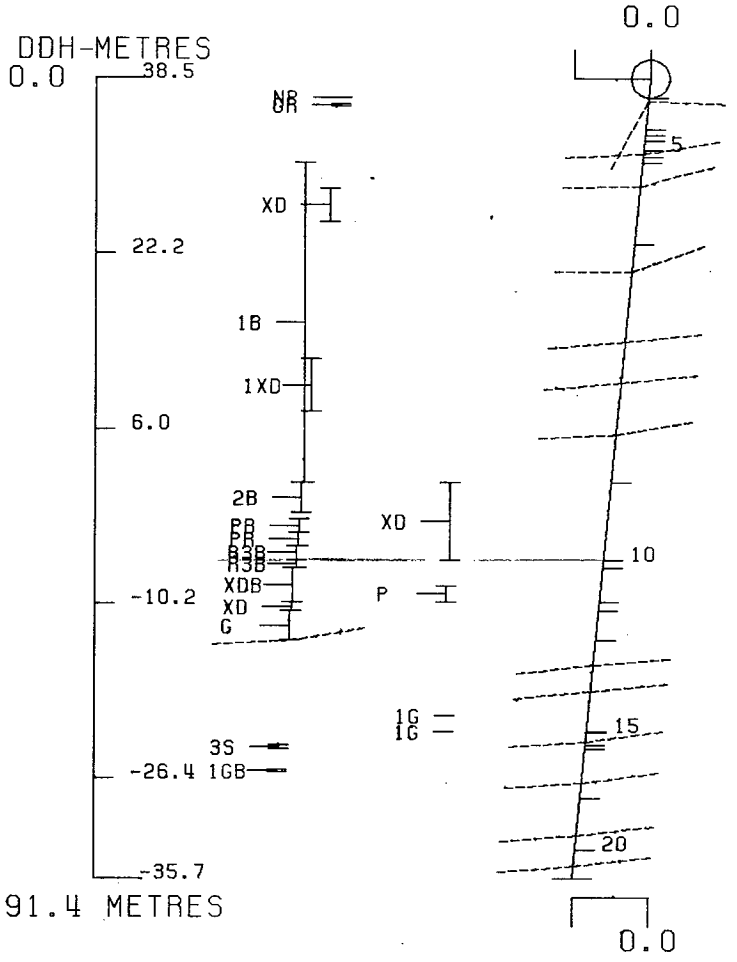
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1164 592422E ; 904811N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 666.5 Z = 1164.2

SECTION NAME: 01N



ELEVATION ABOVE S.L.

+ 1150 M.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 22 OCT 1985 1:52 PM

DRILL HOLE : FAGU193
NORTHING : 904,842.0
EASTING : 592,368.7
ELEVATION : 1,155.6
TOTAL DEPTH : 76.2
SECTION : W 69
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 4
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 19
NOS DOWN-H-STRUCTURE: 13
NOS DOWN-H-FAULTS: 12
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU193 UTM-N: 904,842.0 UTM-E: 592,368.7 UTM-ELEV: 1,155.6 TOTAL DEPTH: 76.2 SECTION: W 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
36.5	38.1	90630	1.6	1.6	4EG4			7.55	10.60	100.80											
38.1	39.6	90631	1.5	1.5	4G4			4.10	9.75	50.40											
39.6	41.1	90632	1.5	1.4	4GA4			6.55	10.21	78.90											
41.1	42.7	90633	1.6	1.6	4A4			6.25	9.20	98.70											
WEIGHTED AVERAGE																					
36.5	42.7		6.2	6.1				6.13	9.93	82.76											

DDH: FAGU193 UTM-N: 904,342.0 UTM-E: 592,368.7 UTM-ELEV: 1,155.6 TOTAL DEPTH: 76.2 SECTION: W 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	88.300	226.200

DDH: FAGU193 UTM-N: 904,842.0 UTM-E: 592,368.7 UTM-ELEV: 1,155.6 TOTAL DEPTH: 76.2 SECTION: W 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.2	0C01	#		0.5-	1
6.1	0CC2	3G9		0.5-	1
12.2	0003	3G9$	(10QO &$) 98:C2	0.5-	1
14.8	0C04	3G93	&$ [5B2O]	0.5-	1
35.1	0C05	3G$	&9 MINOR	0.5-	1
36.4	0CC6	3G9	(5A6)	0.5-	1
36.6	0C07	10C$	PY SPH (4D4$) MINOR	C.5-	1
37.7	0C08	4E4		0.5-	1
40.4	0C09	4G4		0.5-	1
42.3	0C10	4A4		C.5-	1
42.5	0C11	5C4#	$	0.5-	1
42.7	0C12	4E4		0.5-	1
47.1	0013	3G9$	-> (5A$) LOCALLY	0.5-	1
49.1	0014	4L12	-> (4CO) (10Q+) (5D4*)	0.5-	1
53.7	0C15	3G9$		0.5-	1
58.5	0016	5B8$	(5B6$ &2) (10C#) MINOR	0.5-	1
70.4	0C17	5B8O	(5DO) (5FO) (10Q#)	0.5-	1
73.7	0C18	5BC	&8	0.5-	1
76.2	0C19	5B$		0.5-	1

DDH: FAGU193 UTM-N: 904,842.0 UTM-E: 592,368.7 UTM-ELEV: 1,155.6 TOTAL DEPTH: 76.2 SECTION: W 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PRCCESS
FAGU193	0.0	2.0	PS2	P	0	0	0	0	20	230	0	1	1	1
FAGU193	0.0	9.3	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU193	0.0	15.2	PS2	P	0	0	0	0	10	230	0	1	1	1
FAGU193	0.0	18.3	PS2	P	0	0	0	0	5	230	0	1	1	1
FAGU193	0.0	24.0	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU193	0.0	28.0	CS2		0	0	0	0	25	230	0	1	1	1
FAGU193	0.0	37.0	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU193	0.0	44.0	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGU193	0.0	48.2	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU193	0.0	55.0	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU193	0.0	62.6	CS2		0	0	0	0	50	230	0	1	1	1
FAGU193	0.0	69.6	CS2		0	0	0	0	30	230	0	1	1	1
FAGU193	0.0	75.2	PS2	P	0	0	0	0	35	230	0	1	1	1

DDH: FAGU193 UTM-N: 904,842.0 UTM-E: 592,368.7 UTM-ELEV: 1,155.6 TOTAL DEPTH: 76.2 SECTION: W 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU193	0.1	1.2	NP		0	0	C	C	0	0	1
FAGU193	6.1	9.1	B		0	0	C	C	0	0	1
FAGU193	35.1	35.5	G		70	90	0	C	0	0	1
FAGU193	36.4	36.6	QX		0	0	C	C	0	0	1
FAGU193	39.6	39.9	1XD		0	0	C	0	0	0	1
FAGU193	0.C	47.1	S		0	0	45	27C	0	0	1
FAGU193	47.1	49.1	XD		0	0	C	C	0	0	1
FAGU193	0.0	49.1	G		0	0	C	C	0	0	1
FAGU193	49.1	53.7	JQ		0	0	45	180	0	0	1
FAGU193	62.8	63.0	G		0	0	C	0	99	999	1
FAGU193	73.2	73.7	G		99	999	C	0	0	0	1
FAGU193	76.C	76.2	G		0	0	0	0	0	0	1

DDH: FAGU193 UTM-N: 904,842.0 UTM-E: 592,368.7 UTM-ELEV: 1,155.6 TOTAL DEPTH: 76.2 SECTION: W 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU193	1	1

KERR ADDI ASSAYS 69W.

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGU 193

Project: GRUM

Location: 69W

Claim: _____

Terr.Plane Co-ords.: 904842.0 N

592368.7 E

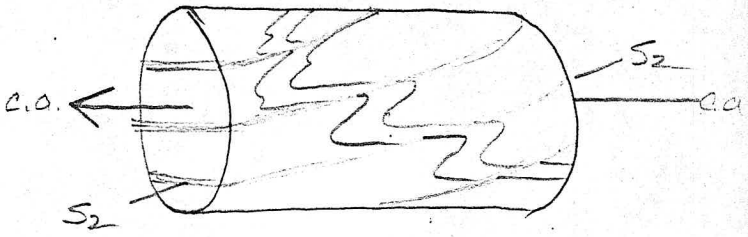
conversion of K-A surveyed grid co-ords

Grid Co-ords: _____

Elevation: 1155.6

Total Depth: 76.2

Reference Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 230.

Purpose: _____

Reason hole Terminated: _____

Logged by: DSJ - JGS

Date(s) Logged: 25 AUG 82

Drilling Contractor: _____

	CORE From	To
Size		

Collar Cased and Capped: _____

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp. Page 2 of 5

DDH FAGU193 (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	FAGU193	1155.6	9048421.0	592368.7	METERS	52	

226.2 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGU193	100	88.3	224.7	AT COLLAR

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

C.A.M.C. 1981-E-2

DDH FAGU193 (2–8) **Cyprus Anvil Mining Corp.** Page 3 of 5

Lithologic Log Date: 25 AUG 82 Logged By: DSJ - JGS

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	00	12		01	#	NIL REC
L	12	61		02	3G9	non carb., REC/OK
L	61	122		03	3G9*	DOL dk. gr carb. + qtz/dol lam. (OQO ±* DOL) 2%
						Bkn core 6.1–9.1 REC/OK.
						5D* 9.7 10cm
L	122	148		04	3G93	±* DOL as above + CALC dominant [5B20] REC/OK
L	148	351		05	3G*	DOL ± 9 minor. REC/OK (OQ* 1%) uc GOUGE 70/090
L	351	364		06	3G9	(5A6) → Top ⅓ GOUGE. dk. gr.
L						Base unit GOUGE ind c/s
L	364	366		07	0Q*	DOL Py, Zn, (4D4*) minor Bx vein
L	366	377		08	4E4	REC/OK
L	377	404		09	4G4	REC/OK 39.6 – 39.9 Bx. minor
L	404	423		10	4A4	Wkly banded. REC/OK
L	423	425		11	5C4*	CALC + DOL. /
L	425	427		12	4E4	REC/OK No Bx in ABOVE SULPH SEQ
L	427	471		13	3G9*	med dk gr homog, carb. dol → local (5A.* DOL)
						no qtz carb laminae. REC/OK.
L	471	491		14	4L12	(OQ*) (5D4*) sil + sulf 4L → (4C0)/SIL/ (ANK?)
						MC Bx test. not strat min WALL ROCK.
						u/c unit shear ∥ 45/270
						l/c " ind 5D4* Gouge. REC OK
L	491	537		15	3G9*	DOL as previous + qtz dol S1 ∥ S2 liths & carb folae.
						qtz carb veins 45° S2/180 REC/OK
L	537	585		16	5B8*	(5B6* DOL ± 2) lt grey-gr good liths
						+ carb, 5B8 but is DOL. REC/OK
						(OQ* calc) minor
L	585	704		17	5B80	(5D0) (5F0) (OQ* calc) green VAN
						unit grade. 5F Top .5m. REC/OK.
						F// Gouge. 62.8 – 63.0 uc/ind, l.c ∥ S2.
L	704	737		18	5B0	± 8 med grey-gr calcite qtz liths
						end unit 73.2 – EOI GOUGE
						uc ∥ S2 l.c ind.
L	737	762		19	5B*	DOLO lt grey non calc.
						.2 m Gouge E of H.
						END of HOLE

DDH EA.G.U.193 (2 / 8) Cyprus Anvil Mining Corp. Page 4 of 5

Structural Log Date: Aug 23/82 Logged By: JBS/CK

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		170	IND	P			210 2310	
S		193	IND	P			310	
S		1152	IND	P			110	
S		1183	IND	P			015	
S		1214	IND	P			310	
S		1218	CIS				215	
S		1370	IND	P			310	R band
S		1440	IND	P			510	
S		1482	IND	P			310	
S		1550	IND	P			310	
S		1626	CIS				510	
S		1696	CIS				310	
S		1752	IND	P			35	
								EOH 76.2

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

DDH FAG4193 Cyprus Anvil Mining Corp

Page 5 of 5

Logged by JGS

ASSAY LOG (SAMPLER'S COPY)

Date 29 AUG 82 Sampled by KA

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	365	381	90630	16	16	~~4E4~~	(0Q0) 4EG4
P	381	396	90631	15	15	4G4	4GA4
P	396	411	90632	15	14	~~4A4~~	(4G4) ·8m
P	411	427	90633	16	16	4A4	(4E4) ·2m (5C4*) ·3m.

Metres

FAULT

DDH FAGU 193 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	100	112	NIP					Nil recovery
F	161	191	B					broken core – recovery OK
F	1351	1355	G		710 0910			gouge, contacts IND
F	1364	1366	QIX					qtz vein, minor bxa vein
F	1396	1399	IXID					minor bxa
F	1417	1419	XIDI					micro bxa
F		1417	SI			415 2710		upper contact unit shear
F		1419	G					gouge
F	1419	1537	JQI			415 1810		qtz-carbonate veins
F	1628	1630	G				919 91919	gouge, upper cnt IND
F	1732	1737	G		919 91919			upper cnt 115_2
								lower cnt IND
	1760	1762	G					0.2m gouge @ EOH

C.A.M.C. 1981 – E – 4

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO D.D.H. Nº 76-U-193 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,633.59 69W STARTED SEPTEMBER 14, 1976

DEPARTURE 7,671.35 2N COMPLETED SEPTEMBER 14, 1976

ELEVATION 1,166.24 PROPOSED DEPTH

ULTIMATE DEPTH 250' - 76.2

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	226° 14'	+1° 41'

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 92.7%

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	35.1	SERICITE PHYLLITE (S). Competent. Foliation F_2 = 0-5°, wavy with series of fold nose closures. F_1 = 85-90°. Drill must be parallel to F_2 and perpendicular to F_1. Trace calcite in groundmass and as short discontinuous stringers often time marking the F_1 foliation. 30.0: Foliation changing = 60-65°. 35.1: Abrupt change to Graphitic Phyllite (G). Contact broken ground.	33.2		0	35.1	35.1								
35.1	36.5	GRAPHITIC PHYLLITE (G). Broken to blocky core. 35.1-35.4: FAULT. Black sticky gouge.	1.0		35.1	36.5	1.4								
		36.5: Abrupt change to Massive sulfide. Contact marked by bull quartz.		W.Av.	36.5	42.7	6.2	6.14	9.94	82.77			38.06	61.63	513.15
36.5	42.7	MASSIVE SULFIDE - banded and barite-in-groundmass varieties (MB + Mb). Compositional banding = 25-30° @ 37.1-38.3 then changes to 40-45° @ 40-41m. 42.3-42.5: Bleached Phyllite interval. Greenish to silvery white. Prominent fuchsite flakes/spots. Foliation	1.6	B451	36.5	38.1	1.6	7.55	10.60	100.8			12.08	16.96	161.28
		65 12 / 60 15 / 60 15 / 65 10	1.5	B452	38.1	39.6	1.5	4.10	9.75	50.40			6.15	14.63	75.60
			1.4	B453	39.6	41.1	1.5	6.55	10.21	78.86			9.83	15.32	118.29
			1.6	B454	41.1	42.7	1.6	6.25	9.20	98.74			10.0	14.72	157.98

LOGGED BY _____ D.D.H. NO 76-U-193 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		= 40-45°. Contacts sharp and clean = 35-40°.													
		42.7: Sharp contact with Graphitic Phyllite (G). Contact													
		= 55°.													
42.7	54.9	GRAPHITIC PHYLLITE (G). Fissile, easily breaks into poker	11.5		42.7	54.9	12.2								
		chips. Foliation erratic and changing. With intercalated													
		interval of mineralized bleached phyllite (Sb).													
		42.7-44.2: F_2 = 45-50°; F_1 = 0-5°.													
		44.4-45.0: FAULT. Dark gray sticky gouge.													
		47.2-49.0: Mineralized Bleached Phyllite (P-Sb). Buff to													
		silvery white. Sulfides as laminae following													
		general foliation = 25°. PY: 4%, PbZn: 1%.													
		50.3-51.8: F_2 = 0-10°; F_1 = 85-90°.													
		54.9: Gradual change to Calcitic-chloritic phyllite (Sc+K).													
		Contact arbitrary.													
54.9	73.2	CALCITIC-CHLORITIC SERICITE PHYLLITE (SK+C). Competent.	17.8		54.9	73.2	18.3								
		Greenish in general appearance with white calcitic laminae.													
		Calcite usually marking F_1 foliation. F_2 = 0-10°; F_1 = 85-90													
		70.1-73.2: F_2 = 25-30°; F_1 = 80-85°.													
		73.2: Gradual change to normal sericite phyllite with trace													
		calcite (SK). Contact arbitrary.													
73.2	76.2	SERICITE PHYLLITE WITH TRACE CALCITE (SK). Fissile - flakey													
		core. Light gray in colour in contrast with preceeding run.													

DDH: FAGU193 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1156 592369E ; 904842N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

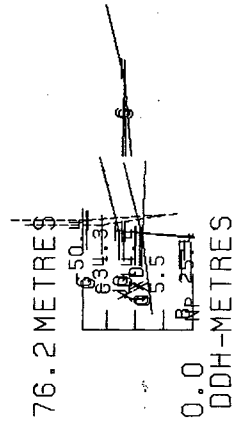
CORRECTED COLLAR POSITION: X = 606.3 Z = 1155.6

SECTION NAME: 01N

erased from section

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 22 OCT 1985 1:07 PM





DDH: FAGU193 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1156 592369E ; 9048[illegible]N

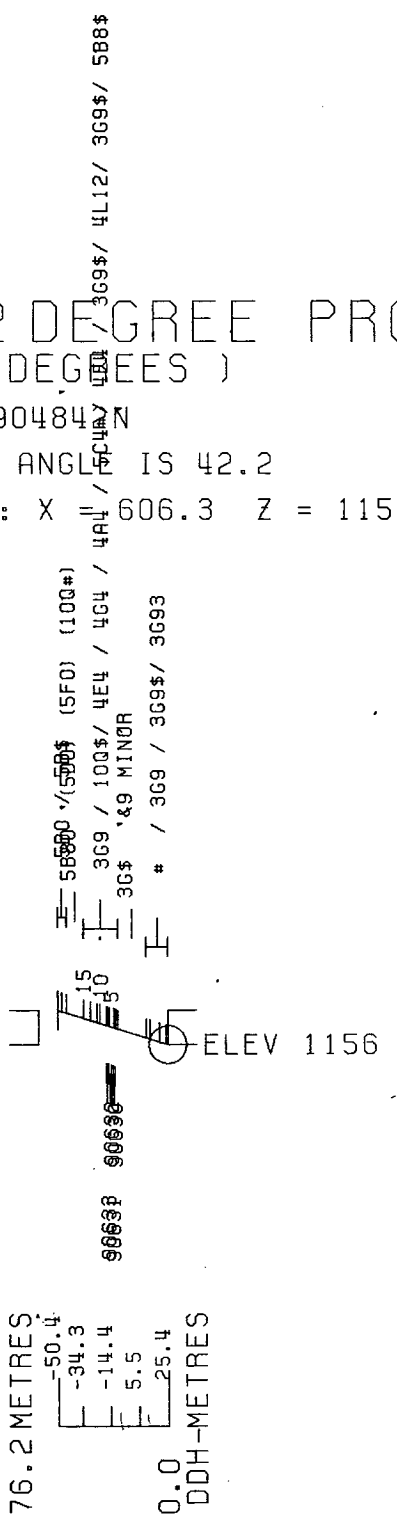
PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 606.3 Z = 1155.6

SECTION NAME: 01N

erased from section

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 22 OCT 1985 1:09 PM



DRILL HOLE : FAGU197
NORTHING : 904,842.8
EASTING : 592,369.5
ELEVATION : 1,158.2
TOTAL DEPTH : 35.1
SECTION : W 69
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	0
NOS DOWN-H-SURVEYS:	1
NOS DOWN-H-LITHOLOGY:	9
NOS DOWN-H-STRUCTURE:	4
NOS DOWN-H-FAULTS:	9
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU197 UTM-N: 904,842.8 UTM-E: 592,369.5 UTM-ELEV: 1,158.2 TOTAL DEPTH: 35.1 SECTION: W 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	49.700	233.400

DDH: FAGU197 UTM-N: 904,842.8 UTM-E: 592,369.5 UTM-ELEV: 1,158.2 TOTAL DEPTH: 35.1 SECTION: W 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.5	0001	#		0.5-	1
5.1	0002	3G4		0.5-	1
18.1	0003	3G0	&9 &$	0.5-	1
19.7	0004	3G9	$ (10Q$)	0.5-	1
20.5	0005	4E4	(4H1)	0.5-	1
21.5	0006	5C4$		0.5-	1
21.7	0007	5D4$		0.5-	1
23.0	0008	3G$	(4E$)	0.5-	1
35.1	0009	3G9	&$ (4E4) 88:12	0.5-	1

DDH: FAGU197 UTM-N: 904,842.8 UTM-E: 592,369.5 UTM-ELEV: 1,158.2 TOTAL DEPTH: 35.1 SECTION: W 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU197	0.0	2.1	PS2	P	0	0	0	0	65	230	0	1	1	1
FAGU197	0.0	5.5	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU197	0.0	20.5	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU197	0.0	23.5	PS2	P	0	0	0	0	50	230	0	1	1	1

DDH: FAGU197 UTM-N: 904,842.8 UTM-E: 592,369.5 UTM-ELEV: 1,158.2 TOTAL DEPTH: 35.1 SECTION: W 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU197	0.1	1.5	NP			C	0	C	0	0	0	1
FAGU197	1.5	5.1	P	1		0	0	C	C	0	0	1
FAGU197	5.1	18.1	PR	3		C	0	C	C	0	0	1
FAGU197	18.1	19.7	P	1		0	0	C	0	0	0	1
FAGU197	19.7	20.5	R			0	0	0	C	0	0	1
FAGU197	21.7	23.0	P			0	0	C	C	0	0	1
FAGU197	25.9	27.4	R			0	0	C	C	0	0	1
FAGU197	27.4	35.1	P	3		C	0	C	0	0	0	1
FAGU197	1.5	35.1	PF?	2		0	0	C	0	0	0	1

DDH: FAGU197 UTM-N: 904,842.8 UTM-E: 592,369.5 UTM-ELEV: 1,158.2 TOTAL DEPTH: 35.1 SECTION: W 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU197	1	1

KERR AODI ASSAYS 69W

CYPRUS ANVIL MINING CORPORATION Page 1 of 4

DIAMOND DRILL CORE LOG Date:

Hole Number: EAGU 197

Project: Grum

Location: 69W

Claim:

Terr.Plane Co-ords.: 904842.8 N

592369.5 E

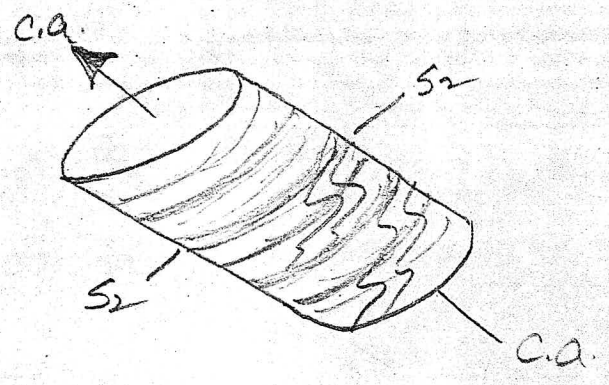
Grid Co-ords:

Conversion of 1979 K-A surveyed grid co-ords

Elevation: 1158.32

Total Depth: 35.1

Reference Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Purpose:

Reason hole Terminated:

Logged by: OSJ JGS.

Date(s) Logged: 25 AUG 82

Drilling Contractor:

CORE Size	From	To

Collar Cased and Capped:

Hole Cemented:

Steel down hole:

Started: Completed:

C.A.M.C. 1981 - E - 1

Cyprus Anvil Mining Corp.

DDH FAGU197 (2 8)

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
	2 8	10 16	17 24	25 32	34 39	41 42	
T	FAGU197	11158.2	9104842.8	592369.5	METERS	S2	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	FAGU197	100	49.7	231.8 (233.4 for True North)	AT COLLAR

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

DDH EAGU197 (2–8) Cyprus Anvil Mining Corp. Page 3 of 4

Lithologic Log Date: 25 AUG 82 Logged By: DSJ . JOS .

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	100	115		011	#	NIL/REC POOR REC. NB 9m core of TOTAL 35
L	115	151		012	3G4	6m REC ONLY
L	151	1181		013	3G01	± 9,3 dol 4m REC ONLY CHIPS RUBBLE
L	1181	1197		014	3G9	* DOL (OQ * DOL) REC ·3m only.
L	1197	1205		015	4E4	(4H1) rubble.
L	1205	1215		016	5C4*	DOL fusel. REC OK.
L	1215	1217		017	5D4*	Dol Fusel REC OK
L	1217	1230		018	3G*	DOL (4E*) 22·8 ? POOR REC
L	1230	1351		09	3G9	±* DOL (4E4) 25·9 – 27·4 RUBBLE ONLY
						3G9. 27·4 - 351 2·5m REC ONLY
						End HOLE

C.A.M.C. 1981 – E-3

DDH EAG.4.197 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: Aug. 23/82 Logged By: JS/MC

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		121	1 WID	P			615/230	
S		155	1 MD	P			710	
S		1210	5 1 WID	P			710	
S		1213	5 1 MD	P			510	23.2-35.1 3m rec. only
								EOH 35.1

DDH FAGU197 Cyprus Anvil Mining Corp

Page _____ of _____

Logged by DSJ JGB

ASSAY LOG (SAMPLER'S COPY)

Date 29 AUG 82 Sampled by KA

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
			5				NO ASSAYS
							NO SULPHIDES
							19.7' - 20.1'
							4% PbZn 4EO

C.A.M.C. 1981 - E - 5

FAULT

DDH FAGU197 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	100	115	NIP					NIL recovery
F	115	151	P	1				0.6m/3.6m recovery
F	151	181	PR	3				4m/13m chips & rubble
F	181	197	P	1				0.3m/1.6m
F	197	205	R					rubble
F	217	230	P					poor recovery
F	259	274	R					rubble only
F	274	315	P	3				2.5m/7.7m recovery
F	15	315	P	2				poor recovery - hole abandoned because of bad ground 9m/35m recovery

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

Calc. Closed Jan 27/77 RG

No SAMPLES

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG. PO

D.D.H. Nº 76-11-197 PAGE 1/2

PROPERTY GRUM JOINT VENTURE

LATITUDE 6 W STARTED Sept. 16, 1976

DEPARTURE 2 N COMPLETED Sept. 16, 1976

ELEVATION PROPOSED DEPTH

NOTE: HOLE ABANDONED ULTIMATE DEPTH 115' - 35.1

HOLE SURVEY:		
DEPTH	BEARING	DIP
collar	224	-45

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

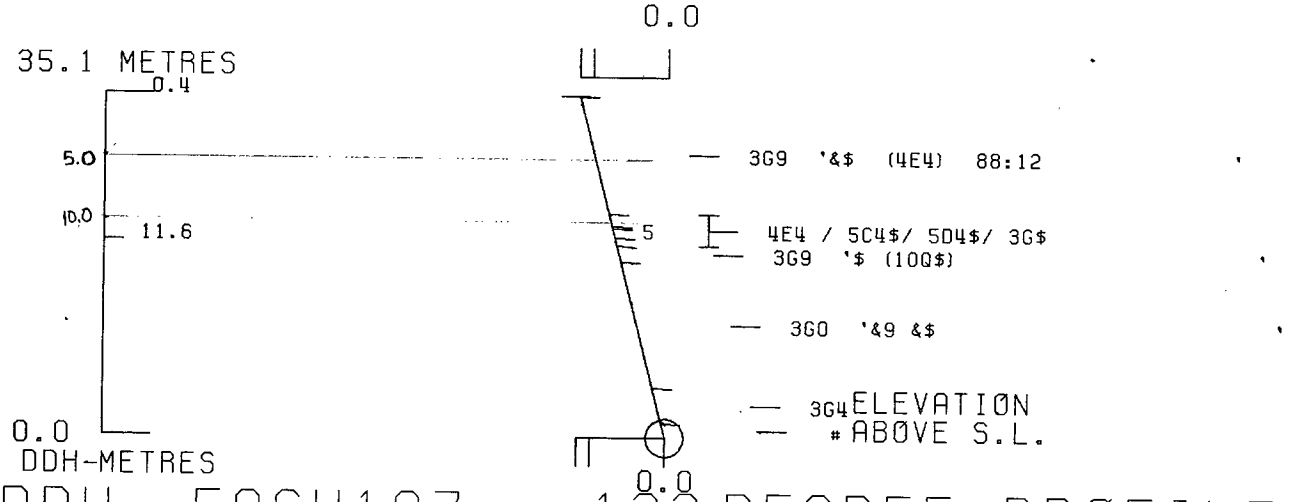
TOTAL CORE RECOVERY: 13 %

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	1.5	SHOTCRETE													
1.5	2.1	Bleached sericite phyllite (Sb). Broken Blocky Core. $F_2 = 85 \sim 90°$.	0.4	/	1.5	2.1	0.6								
		2.1 - Abrupt change to sericite phyllite. Contact broken grad.													
2.1	19.7	Sericite phyllite (S). Broken flaky Core. No foliation observations possible.	1.3		2.1	19.7	17.6								
		19.7 - Abrupt change to Massive Sulfide (M)													
19.7	20.1	Massive Sulfide (M). Broken Core - pebbly. Appear to have Blz inclusions (MBQ).	70 4 0.3	/	19.7	20.1	0.4	+1% Zn est							
		20.1 - Abrupt change to Bleached Sericite phyl (Sb)													
20.1	22	Bleached Sericite phyllite (Sb). Soft friable Core. $F_2 \simeq 75°$. White w/ green fuchsite laminae.	0.7	/	20.1	22.0	0.9								
		22 - Abrupt change to Sericite phyl w/ trace graphite (SG). Contact broken grad.													
22	35.1	Sericite phyl w/ trace graphite (SG). Broken ground. Core made up of flakes / pebble.	1.9	/	22.0	35.1	13.1								

LOGGED BY Alexander y. Go D.D.H. Nº 76-U-197 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		33.5 ± 34 - Fault - sand/gouge.													
35.1		END OF HOLE:													
		HOLE ACTUALLY ABANDONED													
		DUE TO BAD GROUND.													
		RETURN WATER ~~ERODES~~ LEAKING													
		THROUGH SHOTCRETED BACK													
		OF RAMP!													

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 18 OCT 1985 3:03 PM



DDH: FAGU197 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES 1150 M.

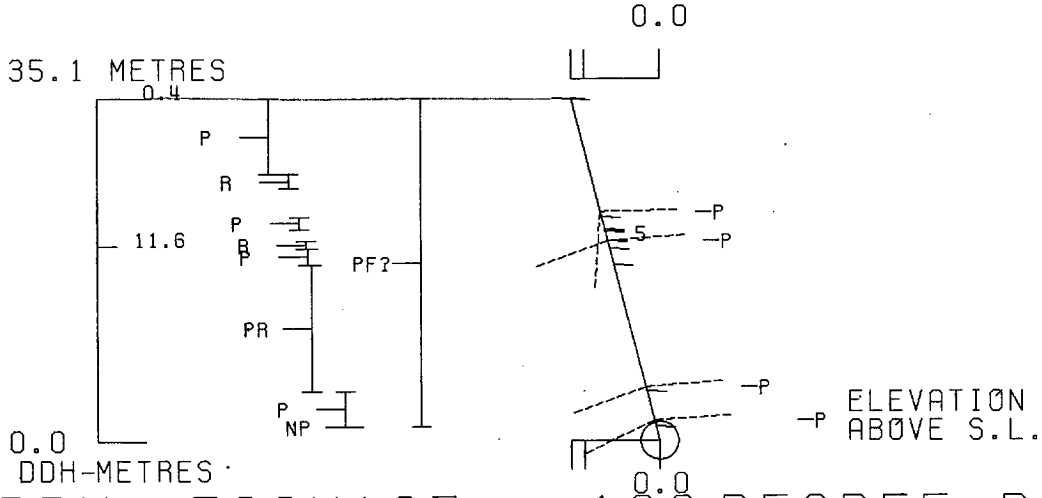
ELEV: 1158 592370E ; 904843N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 606.4 Z = 1158.2

SECTION NAME: 01N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 18 OCT 1985 3:02 PM



DDH: FAGU197 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES) 1150 M.

ELEV: 1158 592370E ; 904843N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 606.4 Z = 1158.2

SECTION NAME: 01N

DRILL HOLE : FAGU198
NORTHING : 904,912.1
EASTING : 592,165.0
ELEVATION : 1,162.2
TOTAL DEPTH : 153.9
SECTION : W 75
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	11
NOS DOWN-H-SURVEYS:	5
NOS DOWN-H-LITHOLOGY:	55
NOS DOWN-H-STRUCTURE:	30
NOS DOWN-H-FAULTS:	22
NOS DOWN-H-SPLINES:	5
NOS COMPOSITES:	0

DDH: FAGU198 UTM-N: 904,912.1 UTM-E: 592,165.0 UTM-ELEV: 1,162.2 TOTAL DEPTH: 153.9 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
45.7	47.2	9C705	1.5	1.5	4BE			2.20	1.15	39.40											
47.2	49.0	9C706	1.8	1.8	4EO			2.88	1.85	42.50											
90.5	92.0	9C707	1.5	1.5	4E46			5.76	8.04	101.80											
92.0	93.5	9C708	1.5	1.5	4E46			6.65	9.70	123.10											
93.5	94.7	9C709	1.2	1.2	4E46			5.44	9.70	91.90											
134.1	135.6	9C710	1.5	1.5	4EA4			2.88	2.85	36.30											
135.6	137.1	9C711	1.5	1.5	4A1			.88	.88	13.00											
137.1	138.6	9C712	1.5	1.5	4A1			.08	.10	4.10											
146.9	148.4	9C713	1.5	1.5	4A1			1.28	1.50	20.20											
148.4	149.9	9C714	1.5	1.3	4A1			.18	.70	7.20											
149.9	151.4	9C715	1.5	1.5	4A1			1.18	1.33	23.30											
WEIGHTED AVERAGE																					
45.7	49.0		3.3	3.3				2.57	1.53	41.09											
90.5	94.7		4.2	4.2				5.98	9.10	106.57											
134.1	138.6		4.5	4.5				1.28	1.27	17.80											
146.9	151.4		4.5	4.3				.88	1.17	16.90											

DDH: FAGU198 UTM-N: 904,912.1 UTM-E: 592,165.0 UTM-ELEV: 1,162.2 TOTAL DEPTH: 153.9 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	147.000	32.000
10.700	146.000	34.000
56.400	150.000	34.000
102.100	156.000	34.000
150.900	161.000	24.000

DDH: FAGU198 UTM-N: 904,912.1 UTM-E: 592,165.0 UTM-ELEV: 1,162.2 TOTAL DEPTH: 153.9 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.9	0001	#		0.5-	1
6.1	0002	3G$	(10Q$)	0.5-	1
10.8	0003	3GC	(10Q$) 90:10	0.5-	1
12.6	0004	3G*	&9 (10Q*) MINOR	0.5-	1
19.3	0005	3GC	&* (5D4*)(10Q*)93:07:TRACE	0.5-	1
24.2	0006	5D6	&$(5D0)(3GC)(10Q#$)80:10:10:TR	0.5-	1
24.8	0007	3G9	&$	0.5-	1
26.4	0008	4L24	&7 ->(3G4)(10Q*) 80:20:TRACE	0.5-	1
27.4	0009	3G4	(10Q* PO) 50:50 BXA	0.5-	1
30.0	0010	3G4	-> (4L17 &9) (10Q$) MINOR	0.5-	1
35.0	0011	3GC	&9&$(10Q$)(5E$&9)(5D$)95:2:2:1	0.5-	1
40.4	0012	4L2	&7(10Q0)(4H0)(3G4 &1)85:5:5:5	0.5-	1
42.7	0013	4L27	(3G4 &1) (3G9) 70:15:15	0.5-	1
45.3	0014	4EC	&8&$(5D$)(5D4$)(4D0)4ED:5D98:2	0.5-	1
45.7	0015	4GC	&$	0.5-	1
46.1	0016	4B#		0.5-	1
49.1	0017	4EC	&7 &4 (5C4$)(4G4) 94:03:03	0.5-	1
49.7	0018	5BC	&$	0.5-	1
51.2	0019	5DC	(10Q#)	0.5-	1
54.3	0020	5BC	&$ &2 (10Q#)	0.5-	1
61.4	0021	5B80	(10Q$) 99:01	0.5-	1
63.5	0022	5B6$	(10Q0 &$) 98:02	0.5-	1
63.9	0023	5D$	(10Q$) 80:20	0.5-	1
67.7	0024	5B6	&$ [3G0 &$] (10Q$) 98:02	0.5-	1
70.4	0025	5B6	&$ [3G0&$](5D6&$)(10Q$)60:35:5	0.5-	1
83.7	0026	3GC	&9 &$ MINOR (10Q0 &$) 95:05	0.5-	1
84.8	0027	3G$	&9	0.5-	1
88.9	0028	3G$9	6 -> 5A$19	0.5-	1
90.5	0029	5C*	&9 (4D0) (10Q*) 95:02:03	0.5-	1
95.3	0030	4E46	& POROUS-MINOR (4G4) 70:30	0.5-	1
95.7	0031	4G4	&#	0.5-	1
96.2	0032	4E4		0.5-	1
97.2	0033	3GC	&9 (10Q$) 85:15	0.5-	1
98.6	0034	4L2	&4 &6 (10Q0) 95:05	0.5-	1
99.6	0035	5DC	&$ (10Q#$) 80:20	0.5-	1
103.3	0036	5B26	(5B20)(5D0)(5D$)(5D4$)(10Q$)	0.5-	1
113.4	0037	3GC	&9 &$ (10Q0) TRACE	0.5-	1
118.2	0038	5B6*	&0(5A0*)LCL(5D0)(10Q#)85:15:TR	0.5-	1
120.3	0039	5DC	BIO (10Q*)	0.5-	1
120.8	0040	10Q#		0.5-	1
125.6	0041	5B20	(10Q#) MINOR	0.5-	1
126.8	0042	5DC	(5B80) 95:05	0.5-	1
131.1	0043	5B08	(5D0) (10Q#) BOTH MINOR	0.5-	1
133.6	0044	5B$	&0 (5D$) 95:05	0.5-	1
134.8	0045	4A10	(4E0) 85:15	0.5-	1
135.5	0046	4E4	&1	0.5-	1
141.8	0047	4A1	&3	0.5-	1
143.8	0048	5B26	$	0.5-	1
147.2	0049	4A10		0.5-	1
147.5	0050	4C$	-> 4E$	0.5-	1
150.1	0051	4A10		0.5-	1

DDH: FAGU1>a UTM-N: 904,912.1 UTM-E: 592,165.0 UTM-ELEV: 1,162.2 TOTAL DEPTH: 153.9 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
150.3	0052	4E1$	7	0.5-	1
150.9	0053	4A10		0.5-	1
152.5	0054	4D5	[3G916] -> 4A10 WEASEL ROCK	0.5-	1
153.9	0055	5B62	$	0.5-	1

DDH: FAGU198 UTM-N: 904,912.1 UTM-E: 592,165.0 UTM-ELEV: 1,162.2 TOTAL DEPTH: 153.9 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU198	0.0	7.5	CS2		0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	14.0	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	18.3	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGU198	0.0	25.5	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGU198	0.0	30.0	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGU198	0.0	36.5	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	39.5	CS2		0	0	0	0	60	230	0	1	1	1
FAGU198	0.0	42.2	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGU198	0.0	45.5	PS2	P	0	0	0	0	85	230	0	1	1	1
FAGU198	0.0	49.5	PS2	P	0	0	0	0	45	230	0	1	1	1
FAGU198	0.0	54.5	CS2		0	0	0	0	40	230	0	1	1	1
FAGU198	0.0	59.7	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU198	0.0	64.5	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGU198	0.0	68.0	PS2	P	0	0	0	0	65	230	0	1	1	1
FAGU198	0.0	73.5	CS2		0	0	0	0	50	230	0	1	1	1
FAGU198	0.0	76.4	CS2		0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	82.0	CS2		0	0	0	0	60	230	0	1	1	1
FAGU198	0.0	88.0	CS2		0	0	0	0	85	230	0	1	1	1
FAGU198	0.0	93.5	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	99.0	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGU198	0.0	106.0	CS2		0	0	0	0	65	230	0	1	1	1
FAGU198	0.0	109.0	CS2		0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	116.2	PS2	P	0	0	0	0	65	230	0	1	1	1
FAGU198	0.0	122.0	CS2		0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	127.5	CS2		0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	137.5	CS2		0	0	0	0	80	230	0	1	1	1
FAGU198	0.0	142.0	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	147.0	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGU198	0.0	152.5	CS2		0	0	0	0	80	230	0	1	1	1
FAGU198	0.0	153.6	CS2		0	0	0	0	80	230	0	1	1	1

DDH: FAGU198 UTM-N: 904,912.1 UTM-E: 592,165.0 UTM-ELEV: 1,162.2 TOTAL DEPTH: 153.9 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU198	0.1	3.9	NP		0	0	0	0	0	0	1
FAGU198	7.2	7.3	1G		0	0	99	999	0	0	1
FAGU198	0.0	9.2	1G		0	0	99	999	0	0	1
FAGU198	10.6	10.7	1G		0	0	99	999	0	0	1
FAGU198	10.8	11.0	1G		0	0	0	0	0	0	1
FAGU198	16.3	16.5	G		45	270	0	0	0	0	1
FAGU198	17.1	17.2	G		90	0	0	0	40	0	1
FAGU198	3.9	24.2	B		0	0	0	0	0	0	1
FAGU198	26.4	27.4	1XQ		0	0	0	0	0	0	1
FAGU198	49.1	49.7	1XQ		0	0	0	0	0	0	1
FAGU198	58.4	58.5	GF		0	0	0	0	0	0	1
FAGU198	57.9	58.8	BG		0	0	99	999	0	0	1
FAGU198	61.4	63.5	1XQ		0	0	0	0	0	0	1
FAGU198	71.4	71.5	1G		20	0	0	0	0	0	1
FAGU198	71.9	72.0	1G		99	999	0	0	99	999	1
FAGU198	72.6	72.8	1G		99	999	0	0	99	999	1
FAGU198	0.0	89.4	1G		0	0	99	999	0	0	1
FAGU198	95.7	96.2	1XQ		0	0	0	0	0	0	1
FAGU198	0.0	96.2	1G		0	0	0	0	0	0	1
FAGU198	96.2	97.2	B		0	0	0	0	0	0	1
FAGU198	102.3	102.5	1G		0	0	99	999	0	0	1
FAGU198	112.1	112.2	1G		50	180	0	0	0	0	1

DDH: FAGU198 UTM-N: 904,912.1 UTM-E: 592,165.0 UTM-ELEV: 1,162.2 TOTAL DEPTH: 153.9 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU198	1	2
FAGU198	2	2
FAGU198	3	2
FAGU198	4	2
FAGU198	5	1

75W ?
OR 76W

CYPRUS ANVIL MINING CORPORATION

Page 1 of 7.

DIAMOND DRILL CORE LOG

Date: 25 AUG 82

Hole Number: FAGU 198

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: 75W ?

Claim:

UTM ~~Terr.~~Plane Co-ords.: 6904912·1 N

59 2165·0 E

conversion of K-A surveyed grid co-ords

Grid Co-ords:

All symmetry determinations looking

Elevation: 1162·2 m. ____ with ____ dipping

Total Depth: 153.9m ____ with dip azimuth ____

Purpose:

Reason hole Terminated:

Logged by: DSJ JGS

Date(s) Logged: 25 AUG 82

Drilling Contractor:

Size	CORE From	To

Collar Cased and Capped: ____

Hole Cemented:

Steel down hole:

Started: ____ Completed: ____

DOES NOT PLOT ON 76W (collared on 75W & passes thru 76W)

DO NOT PLOT

DSJ 9 Nov. 82

C.A.M.C. 1981 - E - 1

Cyprus Anvil Mining Corp.

DDH FAGU-198 (2 8)

Diamond Drill Core Log Date: 25 AUG 82 Logged By: DST JGS

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	FAGU-198	1162.2	9049112.1	592165.0	METRES		

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	1 2 8	10 14	22 26	28 32	34 56
R	FAGU-198	100	147.0	312.0	AT COLLAR
R	FAGU-198	1107	146.0	314.0	
R	FAGU-198	1564	150.0	314.0	
R	FAGU-198	2021	156.0	314.0	
R	FAGU-198	1590	161.0	214.0	

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

75W
AZ 032°-57°

DDH FAGU198 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 25 AUG 82 Logged By: DSJ - JGS

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	00	39		01	#	NL REC.
L	39	61		02	3G*	DOL (OQ*DOL) Bkn. 2m REC no G
L	61	108		03	3G0	(OQ*DOL) 90/10 Bkn. S2 ∥ G 7.2-7.3
						mins S2 ∥ 9.2 = 2cm, 10.6-10.7 S2 ∥ G.
L	108	126		04	3G*	±9 (OQ*) minor Bkn REC/OK
						Top .2 m G. cont F 108 →
L	126	193		05	3G0	±* (5D4*) 18.1-18.6 (OQ*)
						Bkn r G = 16.3-16.5. F u/c 45/270
						l.c. Bx 45 CAx,
						17.1-17.2 u/c 90/CAx. l.c. 40/000
L	193	242		06	5D6	(5D0) ±* DOL (3G0) (OQ*) → calc + dolo
						trm, 5D=80, 10, 10% REC OK
L	242	248		07	3G9	±* DOL nr. 9 = wk. REC OK.
L	248	264		08	4L24	±7 → (3G4) (OQ*) 80/20/TR.
						3G4 = upp & lower margins →
L	264	274		09	3G4	(OQ*Po) 50/50 Bx. Ckle. REC/OK
L	274	300		10	3G4	→ 4L17 ∓9. 3G4 base unit + bict.
						(OQ*DOL) minor. REC/OK
L	300	350		11	3G0	±9, *DOL, (OQ*DOL) (5E*±9)
						(5D*DOL) 3G=95%/2/2/1%
L	350	404		12	4L2	±7 (OQ0) (4H0) (3G4±1)
						4L2 85%/5% 3G4/5% 4H0, = S2 ∥ veins dual Bx.
						Typical beige TEX from 3G* no carb.
						4H0 35.6-35.9, 39.9, 40 → EOI
						REC/OK.
L	404	427		13	4L27	(3G4±1)(3G9) 70/15/15%
						3G9 40.4-40.8.
						3G4 → 41.3 REC OK.
L	427	453		14	4E0	±8, *DOL (5D*DOL)(5D4*)(4D0) REC/OK
						% sulph to meta vole 98/2%
L						contact shp 4L above, may 5-10 sulf. 5cm band
L	453	457		15	4G0	±* DOL. Banded.
L	457	461		16	4B*	calc., m.gr cryst calc. Rare rock/sil 3G? REC/OK
L	461	491		17	4E0	±7,4 (5C4*DOL)(4G4) well banded
						4G4 48.7-48.8, 5C 481-48.2 REC/OK
L	491	497		18	5B0	±* DOL Ps2 fd gr Ckl Bx carb 5B. REC/OK

NB 4G 4E
VERY LOW GRADE
< 4% Pb/Zn

DDH FAGU198 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 4 of 7

Date: 25 AUG Logged By:

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	497	512		19	5D0	(OQ* CALC) REC/OK PS2 fol
L	512	543		20	5B0	± *,2, (OQ *calc) patchy dol. gen calc
						lacks VAN lithon structure. REC/OK
L	543	614		21	5B80	(OQ * DOL) < 1% lt, gr grey + carbonate
						all else OK. REC/OK except
						Bkn Core. 57.9 – 58.8 S2 ∥ G
						G 58.4 – 58.5 FAULT
L	614	635		22	5B6*	Dol (OQO ± *DOL) 2-3% PS2 REC/OK
						Ckle Bx minor
L	635	639		23	5D*	DOL (OQ * DOL) 80/20 REC/OK
L	639	677		24	5B6	± * DOL [3GO ± * DOL] (OQ * DOL) 2-3% 1-3cm
						∥ S2 med gr PS2 fol. REC/OK
L	677	704		25	5B6	± * DOL [3GO * DOL] (5D6 ± * DOL)
						(OQ * DOL) 60% 35% 5%
						OQ × CUT 30° C'AX REC OK
L	704	848		26	3GO	± 9, * DOL minor, (OQO) ± * 5% striped m. dk gr - dk gr
						wkly carb, S2 ∥ carb folia, m gr sil bands
						wkly lithon [5B6 ± 2*]
						Gouge. 71.4 – 71.5 u/c 20 CAx 20/000 h
						Gouge. 71.9 – 72.0 u & c S2 ∥
						Gouge 72.6 – 72.8 u/c S2 ∥, & L/c.
L	848	837		27	3G*	± 9 As above + qtz dol bands interband
						evenly - REC/OK Type 3G9*
L	837	889		28	3G*9	6 → 5A*19 DOL, 6 = Py qtz sulf laminae
						sulfd 1-2% REC/OK
L	889	905		29	5C*	± 9 (4DO)(OQ*) 95/2/3/ 4D = S2 ∥
						centre unit, 9 = diss py in 5c
						9.4 2cm S2 ∥ Gouge. other REC/OK
L	905	953		30	4E46	(4G4) well banded, minor por sect, 70/30 REC
L	953	957		31	4G4	± * CALC REC/OK
L	957	962		32	4E4	qtz carb Bx Ckle. REC/OK.
L	962	972		33	3GO	± 9, (OQ * DOL) 85/15 Bkn Core. q.v. 3-10cm
						Top unit .1m G 40° C° Ax. ?
L	972	986		34	4L2	± 4,6, (OQO) 5% PS2, fol, REC/OK.
L	986	996		35	5D0	± * DOL (OQ * calc & DOL) 80/20 calc centre
						unit, REC/OK

DIAMOND DRILL RECORD

LOGGED BY [illegible]

PROPERTY GRUM JOINT VENTURE

D.D.H. No. 76-01-198 PAGE 1

LATITUDE No. 1 Sb BEARING OF HOLE

STARTED

CLAIM No.

DEPARTURE 76 W DIP OF HOLE

COMPLETED Oct. 14, 1976

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION DIP TESTS

TEST PT.	AZIMUTH	DIP
COLLAR	032	-57
10.7 m	033	-56
56.4 m	033	-60
102.1 m	033	-66
150.9 m	023	-71

DEPTH Proposed: Ultimate: 505 - 153.9 m

94.3%

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	3.9	Massive sulfide (M) Broken blocky core. Poor recovery - there were only four pieces of core showing re-drilling or grinding marks. Py 70 Pb+Zn 5. PROBABLY MUCK.	0.05	/	0	3.9	3.9								
		3.9 - Abrupt change to Sericite phyllite (S). Contact broken grd.													
3.9	27 [redacted]	Sericite phyllite (S). Broken blocky/flaky core. Foliation ≈ 75~80° (F2); F1 - not very distinct but some "S"-crenulations suggest ≈ 0~5° (?)	19.7 [redacted]	/	3.9	27.0 [redacted]	23.1 [redacted]								
		18 - 18.6 - Calcitic-chloritic bleached sericite unit. Contacts gradual (Sbk+c).													
		19.6 - 21.6 - Similar to 18~18.6. More calcite in grdmass. Px has green laminae/spots.													
		25 - 27 - Bleached sericite phyllite. Buff. Foliation ≈ 85-90° Has weak sulfide showing mostly Pb laminae. Py ≈ 1%													
		27 - Abrupt change to massive sulfide contact broken grd.													
27	27.4	Massive sulfide (M). Broken grd. Mostly pebbles. Very poor core recovery. No gouge. Py. 70 Pb+Zn. 6%	0.20	/	27	27.4	0.4								

LOGGED BY [illegible]

D.D.H. NO 76-1-198 PAGE 2/6

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		27.4 - Abrupt change to sericite phyllite (S). Contact ≈ 75°													
27.4	35.1	Sericite phyllite (S). Competent. With intervals of dark graphitic sericite phyllite (SG). F2 ≈ 75-85 F1 ≈ 0-5	7.5	1	27.4	35.1	7.7								
		31.5-32 - Graphitic phyllite (G). Fissile easily breaking into poker chips. F2 ≈ 85 ∿ 90°; F1 = indistinct													
		33.5 ∿ 34.8 - Graphitic phyllite (G). Similar to 31.5-32 run. 1st contact - Shear. 2nd contact marked by bull qtz.. plane ≈ 85°.													
		35.1 - Change to Bleached sericite phyllite. Contact marked by Ball qtz. Contact bet. bull qtz and bleached sericite unit ≈ 80 - w/ irregular wavy plane.													
35.1	42.7	Bleached sericite phyllite. Competent. Buff w/ greenish hue. Foliation ≈ 70 ∿ 75°	7.1	1	35.1	42.7	7.6								
		40 ∿ 40.2 - Po/Mgtt band ≈ 75°													
		40.3 - 40.7 - Graphitic phyllite interval. Flakes.													
		42.7 - Sharp clean contact w/ massive sulfide (M).		WT.N.	42.7	45.7	3.0	0.88	Ptzn						
42.7	49	Massive sulfide, structureless (M), banded (MB) and													
		with barite (Mb). Competent. Prominent lamine 70 3	1.5	318C	42.7	44.2	1.5	0.68	0.33	25.37			1.41	Ptzn	
		of Po/Mgtt @ 42.7 ∿ 45.5. Compositional 65 3	1.5	319C	44.2	45.7	1.5	0.45	0.10	17.14			0.55	"	
		banding Po-Mgtt/Py ≈ 70 ∿ 80, Sulfide/ba ≈ 80 ∿ 90 65 3	1.5	320C	45.7	47.2	1.5	2.20	1.15	39.43	✓				

LOGGED BY _____ D.D.H. Nº 76-U-198 PAGE 3

Interval From	Interval To	DESCRIPTION			Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		Sph-Pb/py ± 70~75. 43.1~43.2- chloritic unit	65	3	1.8	331C	47.2	49.0	1.8	3.18	4.85	~2.5	V				
		48.3 - 48.4 - Bleached sericite unit (S6).															
		foliation ± 30°. 1st contact very irregular															
		interfingering of sulfides/bleached sericite. 2nd															
		contact - clean and sharp ± 30°															
		49 - Sharp, clean contact w/ bleached sericite (S6)															
		± 80°															
49	49.5	Bleached sericite phyllite (S6). Competent.			0.5	/	49	49.5	0.5								
		Foliation 65~70°. No distinct F1/F2 relationship noted.															
		49.5 - Gradual change to calcitic sericite phyllite (S5).															
49.5	62	Calcitic Sericite phyllite w/ trace chlorite. Competent.			12.0	/	49.5	62.0	12.5								
		Foliation F2 ± 65~70° F1 ± 0															
		Calcite in both foliation.															
		62 - Decrease in calcitic constituent. Rc becoming															
		normal sericite phyllite (S)															
62	70.1	Sericite phyllite (S) Competent. Foliation			8.0	/	62.0	70.1	8.1								
		F2 ± 30~35° F1 ± 5-10°															
		Sporadic blebs/clots of Po.															
		70.1 - Abrupt change to graphitic phyllite (G).															
		Contact marked by calcite stringers. Plane															
		not very clean ± approximately 25°.															
						/	70.1	88.9									

...D BY [signature] D.D.H. Nº '76-U-198 PAGE 4/6

Interval From	Interval To	DESCRIPTION			Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		$F_2 \approx 45 \sim 50°$ $F_1 \approx$ Nor distinct. $\approx 0 \sim 5$ (?)															
		72 ~ shear															
		87-88 - $F_2 \approx 75 \sim 80°$ $F_1 \approx 5 \sim 15°$															
		88.9 - Abrupt change to chloritic ~~sericite~~ bleached															
		sericite phyllite (Sbc). Contact broken grd.															
88.9	90.5	Chloritic Bleached sericite phyllite (Sbc). Competent.			1.5	/	88.9	90.5	1.6								
		Silvery white w/ green stripes/spots. Foliation															
		$F_2 \approx 75 \sim 80°$ $F_1 \approx 0 \sim 5°$															
		90.4-90.5 - prominent fuchsite laminae > chlorite.															
		90.5 - Sharp clean contact w/ massive sulfide															
		$\approx 45°$															
90.5	94.7	Massive banded (MB) and w/ asso. barite sulfide	60	10	1.5	322C	90.5	92.0	1.5	5.76	8.04	101.83			8.64	12.06	152.75
		unit. Competent. Compositional banding	65	12	1.5	323C	92.0	93.5	1.5	6.65	9.70	123.09			9.98	14.55	184.64
		Sph-Pb/py $\approx 65-70°$; Sulfides/ba $\approx 50°$	65	12	1.2	324C	93.5	94.7	1.2	5.44	9.70	91.89			6.53	11.64	110.27
		Ba $\approx 15°$.															
		94.7 - Fault contact w/ sericite phyllite (S).				WT.AVI	90.5	94.7	4.2	5.99	9.11	106.59			25.15	38.25	447.66
		Fault characterized by 6 cm (long) run of															
		grey thick sticky gouge w/ phyllite fragments															
		and sulfide grains.															
94.7	117.3	Dark sericite phyllite (S). Competent.			22.3	/	94.7	117.3	22.6								
		Foliation $F_2 \approx 80 \sim 85°$ (w/ kink folding $\approx 10°$)															
		$F_1 \approx 0 \sim 10°$															

...ED BY [signature] D.D.H. Nº 76-11-198 PAGE 5/6

Interval From	Interval To	DESCRIPTION			Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		97.5 - 99.4 - Chloritic - calcitic bleached sericite															
		phyllite. Fissile. Buff w/ green stripes/spots.															
		Foliation ≈ 85~90°; F1 ≈ 0~5°. Contacts															
		gradual															
		115 - 116.1 - Chloritic - calcitic unit. Similar to 97.5-99.4.															
		117.3 - Rx gradually changing to calcitic-graphitic sericite															
		phyllite (SG+K)															
117.3	132.6	Calcitic-graphitic sericite phyllite (SG+K). Dark colored			N.1	/	117.3	132.6	15.3								
		w/ white spots/laminae. Fissile.															
		F2 ≈ 70~75 F1 ≈ 0~10															
		Calcite ~~usual~~ usually marking F1. Graphite in															
		grdmass as broad laminae 2mm~1cm.															
		Graphite ≈ 25% $CaCO_3$ ≈ 25%															
		132.6 - decrease in calcitic constituent. Rx becoming															
		graphitic sericite phyllite.															
132.6	134.1	Graphitic sericite phyllite (SG). Competent.			1.5	/	132.6	134.1	1.5								
		F2 ≈ 85~90 F1 ≈ 0~5°															
		134.1 - gradual build up of mineralization. Rx															
		becoming mineralized graphitic phyllite (PG)															
134.1		Mineralized graphitic phyllite (PG) Competent.	25	5	1.5	325C	134.1	135.6	1.5	2.88	2.85	36.34	✓				
		F2 ≈ 80~85° F1 ≈ 0~5.	15	3	1.5	326C	135.6	137.1	1.5	0.88	0.88	13.03			1.76	Pb-Zn	
		Uneven mineralization w/ long intervals of almost	20	3	1.5	327C	137.1	138.6	1.5	0.08	0.10	4.11			0.18	"	

LED BY _____ D.D.H. No '76-U-198 PAGE 6/6

Interval From	Interval To	DESCRIPTION			Recovery	Sample No	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		barren grd. Sulfides in both foliation. Po/ clots.	15	3	1.5	328c	138.6	140.1	1.5	0.20	0.28	5.14			0.48	Pt Zn	
		150.9 – 152.4 - Transition zone into graphitic	10	3	1.5		140.1	141.6	1.5								
		Sericite phyllite (SG). Gradual decrease in	1	NIL	2.1	/	141.6	143.9	2.3								
		mineralization	10	4	1.4	329c	143.9	145.4	1.5	0.43	0.63	8.91	✓				
152.4	153.9	GRAPHITIC Sericite phyllite (SG). Competent.	"	"	1.5		145.4	146.9	1.5								
		F2 x 80 a 85 F1 x 0 a 5.	20	4	1.5	330c	146.9	148.4	1.5	1.28	1.50	20.23			2.78	Pt Zn	
		Graphite ± 30%. Trace calcite in F1.	15	3	1.3	331c	148.4	149.9	1.5	0.18	0.70	4.20			0.88	"	
			15	4	1.5	332c	149.9	151.4	1.5	1.18	1.33	23.31			2.51	"	
153.9		END OF HOLE	5	1	1.0	/	151.4	152.4	1.0								
					1.5	/	152.4	153.9	1.5								
						wt. Av.	135.6	141.6	6.0	0.73	Pt Zn						
						"	146.9	151.4	4.5	2.06	"						

DDH: FAGU198 -- 132 DEGREE PROFILE

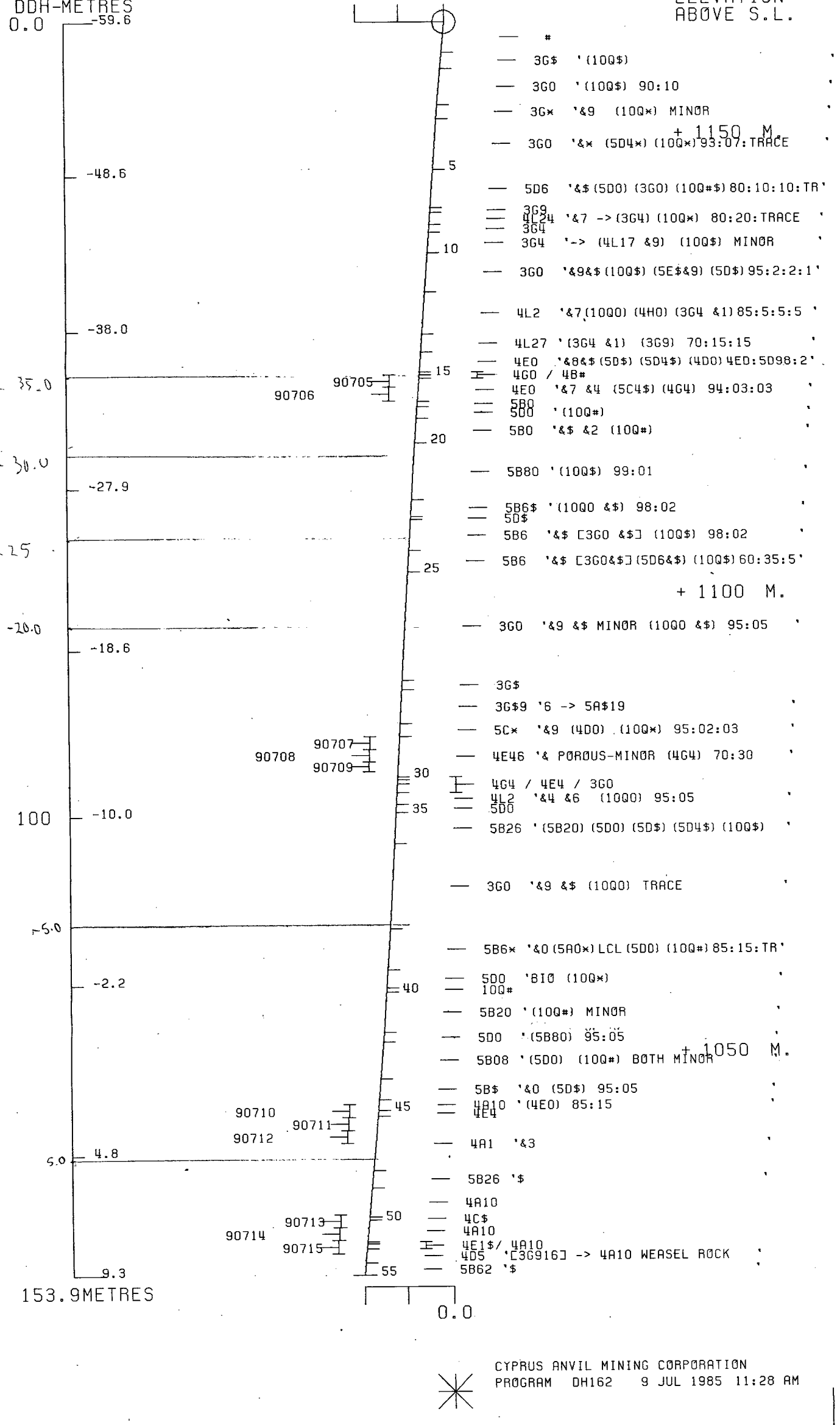
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1162 592165E ; 904912N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 408.4 Z = 1162.2

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 9 JUL 1985 11:28 AM

DDH: FAGU198 -- 132 DEGREE PROFILE

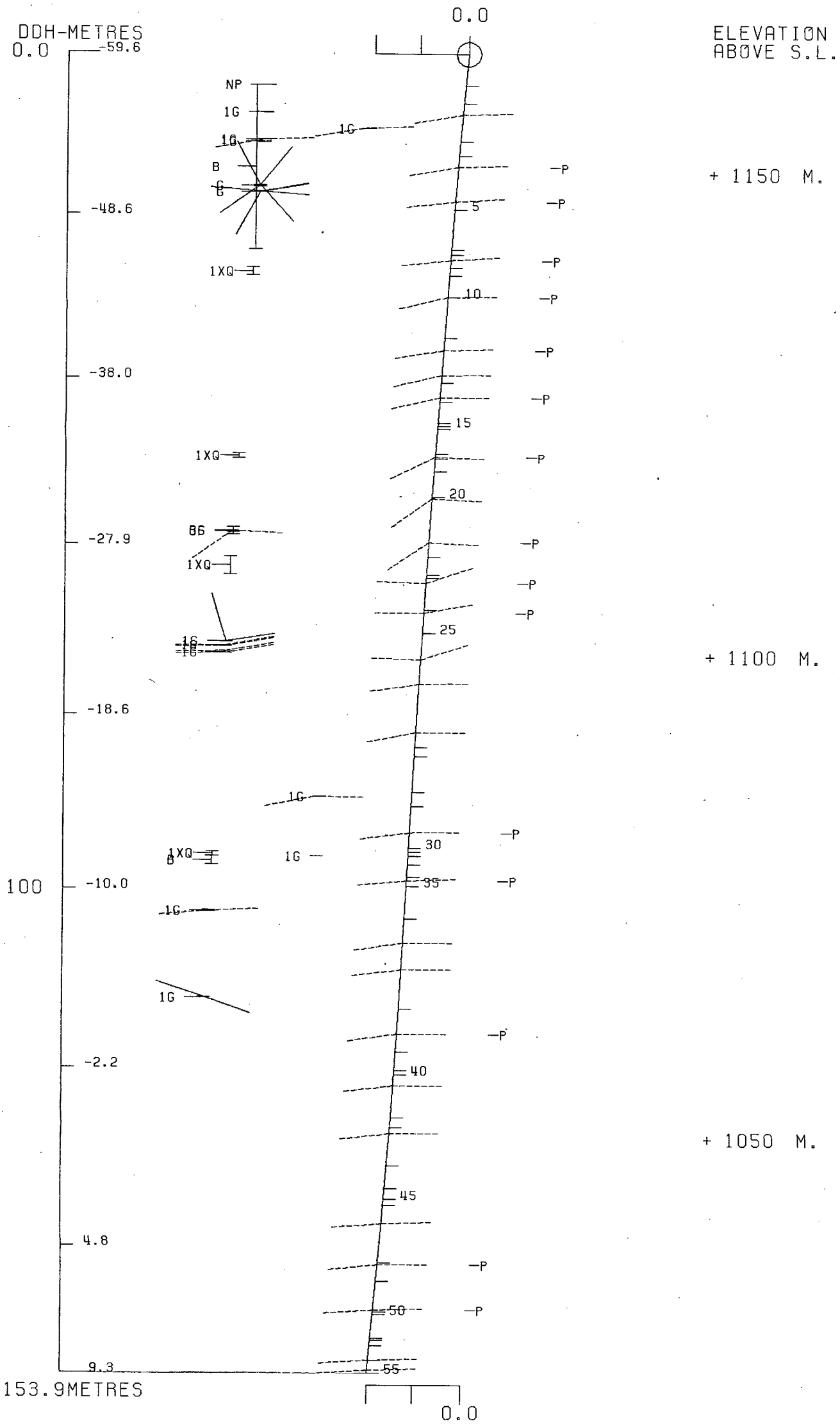
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1162 592165E ; 904912N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 408.4 Z = 1162.2

SECTION NAME: 01N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 9 JUL 1985 11:24 AM

DRILL HOLE : FAGU199
NORTHING : 904,884.3
EASTING : 592,325.6
ELEVATION : 1,146.4
TOTAL DEPTH : 132.6
SECTION : W 71
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES:	26
NOS DOWN-H-SURVEYS:	3
NOS DOWN-H-LITHOLOGY:	41
NOS DOWN-H-STRUCTURE:	22
NOS DOWN-H-FAULTS:	26
NOS DOWN-H-SPLINES:	3
NOS COMPOSITES:	0

DDH: FAGU199 UTM-N: 904,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
2.1	3.6	9C716	1.5	.9	4E4			8.39	12.65	124.10											
3.6	5.1	9C717	1.5	1.3	4EG4			7.40	10.21	114.20											
5.1	6.6	9C718	1.5	1.4	4G4			6.40	8.85	92.90											
6.6	8.1	9C719	1.5	1.5	4G4			7.85	10.31	113.10											
8.1	9.6	9C720	1.5	1.2	4G4			6.50	8.95	75.80											
9.6	11.1	9C721	1.5	1.0	4G4			6.75	10.15	76.80											
11.1	12.6	9C722	1.5	1.0	4E4			6.97	8.69	104.90											
12.6	14.1	9C723	1.5	1.0	5C4*			3.60	8.16	46.30											
14.1	15.6	9C724	1.5	.8	4A10			3.03	3.35	47.30											
15.6	17.1	9C725	1.5	1.3	4AE4			6.75	6.52	97.70											
17.1	18.6	9C726	1.5	1.4	4G4			8.60	11.52	156.30											
18.6	20.1	9C727	1.5	1.2	4G4			7.40	9.93	114.20											
20.1	21.6	9C728	1.5	1.4	4G4			7.00	9.70	93.90											
21.6	23.1	9C729	1.5	.9	4G4			7.20	9.65	101.80											
23.1	24.6	9C730	1.5	.8	4G4			4.18	6.31	79.50											
27.0	28.5	9C731	1.5	1.5	4G4			6.10	10.21	108.00											
28.5	30.0	9C732	1.5	1.4	4G4			5.40	9.55	98.70											
30.0	31.5	9C733	1.5	1.5	4G4			6.20	9.85	139.20											
31.5	33.0	9C734	1.5	1.5	4G4			6.40	9.25	104.90											
33.0	34.5	9C735	1.5	1.3	4G4			5.10	9.78	85.70											
34.5	36.0	9C736	1.5	1.1	4EG4			4.55	9.18	62.40											
103.0	104.5	9C737	1.5	1.4	4E4			3.90	3.65	49.40											
104.5	106.0	9C738	1.5	1.5	4E0			1.83	1.05	29.10											
106.0	107.5	9C739	1.5	1.1	4K0			1.13	.30	27.40											
107.5	109.0	9C740	1.5	1.5	4E4			6.80	6.47	68.60											
109.0	110.5	9C741	1.5	1.3	4E0			1.95	1.73	23.30											
WEIGHTED AVERAGE																					
2.1	24.6		22.5	17.1				6.53	8.99	95.92											
27.0	36.0		9.0	8.3				5.62	9.63	99.81											
103.0	110.5		7.5	6.8				3.12	2.64	39.56											

DDH: FAGU199 UTM-N: 904,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	89.300	228.300
67.100	90.000	228.300
125.000	91.000	228.300

DDH: FAGU199 UTM-N: 904,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.1	0001	#		0.5-	1
4.4	0002	4E4	POROUS	0.5-	1
10.7	0003	4G4	(4E46)	0.5-	1
11.0	0004	4A3	BXA	0.5-	1
12.5	0005	4E4		0.5-	1
14.8	0006	5C4*	(4E4)	0.5-	1
15.8	0007	4A10	-> 4A13	0.5-	1
16.4	0008	4E46	(4E1)	0.5-	1
17.1	0009	4A31		0.5-	1
24.0	0010	4G4	(4E46) MINOR	0.5-	1
26.9	0011	5AC	&$ &9 (10Q$#)	0.5-	1
34.0	0012	4G4		0.5-	1
34.1	0013	4A13		0.5-	1
34.7	0014	4G4		0.5-	1
35.0	0015	3G9		0.5-	1
35.2	0016	4E46		0.5-	1
35.3	0017	5D4*		0.5-	1
35.7	0018	4G4		0.5-	1
39.5	0019	3GC	&9 (3G4) (10Q$)	0.5-	1
41.1	0020	5B8$	(5B6 &2 &$) [3G8$]	0.5-	1
61.0	0021	5B83	(5DO) (5BO) 90:08:02	0.5-	1
61.8	0022	5B$	&O	0.5-	1
62.1	0023	5D4$		0.5-	1
63.8	0024	5BC	&2	0.5-	1
65.2	0025	5DC		0.5-	1
68.3	0026	5BC	&2 MINOR	0.5-	1
71.3	0027	5DC		0.5-	1
91.4	0028	5BO	(10Q#)	0.5-	1
102.5	0029	5B$	&2 MINOR (5D4$)	0.5-	1
102.9	0030	4L24	&1 (10Q$) (4D$)	0.5-	1
103.2	0031	4E4	&$ MINOR	0.5-	1
103.6	0032	5A1$		0.5-	1
106.0	0033	4E4	(4EO) E.O.I.	0.5-	1
107.8	0034	4KC	DOL.	0.5-	1
109.4	0035	4E4	& POROUS (4E1) E.O.I.	0.5-	1
109.6	0036	4L2		0.5-	1
110.5	0037	4EC	(4E81)	0.5-	1
111.8	0038	4L2$	&4 &7 &1	0.5-	1
123.4	0039	5B26	&$ -> 5A6$ (1CQ$) 97:C3	0.5-	1
126.4	0040	5B6	&2 &$ (10Q$) 97:03	0.5-	1
132.6	0041	5B6	&2 &$	0.5-	1

DDH: FAGU199 UTM-N: 9C4,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU199	0.0	6.4	PS2	P	0	0	0	0	20	230	0	1	1	1
FAGU199	0.0	17.4	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGU199	0.0	21.0	PS2	P	0	0	0	0	10	230	0	1	1	1
FAGU199	0.0	26.4	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU199	0.0	30.5	PS2	P	0	0	0	0	45	230	0	1	1	1
FAGU199	0.0	34.0	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGU199	0.0	37.8	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU199	0.0	45.2	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU199	0.0	50.3	CS2		0	0	0	0	5	230	0	1	1	1
FAGU199	0.0	56.0	PS2	P	0	0	0	0	10	230	0	1	1	1
FAGU199	0.0	60.0	PS2	P	0	0	0	0	20	230	0	1	1	1
FAGU199	0.0	67.0	PS2	P	0	0	0	0	20	230	0	1	1	1
FAGU199	0.0	76.2	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU199	0.0	82.7	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU199	0.0	88.8	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU199	0.0	97.0	CS2		0	0	0	0	40	230	0	1	1	1
FAGU199	0.0	102.2	CS2		0	0	0	0	50	230	0	1	1	1
FAGU199	0.0	108.5	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU199	0.0	112.6	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU199	0.0	116.8	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGU199	0.0	125.0	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU199	0.0	132.0	PS2	P	0	0	0	0	35	230	0	1	1	1

DDH: FAGU199 UTM-N: 904,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU199	0.1	2.1	NP			0	0	0	0	0	0	1
FAGU199	2.1	4.4	B			0	0	0	0	0	0	1
FAGU199	10.2	10.7	P			0	0	0	0	0	0	1
FAGU199	10.7	11.0	PXD			0	0	0	0	0	0	1
FAGU199	11.0	12.5	P			0	0	0	0	0	0	1
FAGU199	12.5	14.8	RB			0	0	0	0	0	0	1
FAGU199	10.7	17.1	P	5		0	0	0	0	0	0	1
FAGU199	17.1	24.0	JQ			0	0	0	0	0	0	1
FAGU199	24.0	26.9	1XQ			0	0	99	999	0	0	1
FAGU199	0.0	34.7	1F			0	0	0	0	0	0	1
FAGU199	0.0	35.7	X			0	0	99	999	0	0	1
FAGU199	35.7	36.2	1XQ			0	0	0	0	0	0	1
FAGU199	39.0	39.5	1XQ			0	0	0	0	0	0	1
FAGU199	0.0	39.5	F			0	0	0	0	0	0	1
FAGU199	40.6	40.7	1RG			0	0	0	0	0	0	1
FAGU199	0.0	61.4	1F			20	0	0	0	0	0	1
FAGU199	61.0	61.8	1B			0	0	0	0	0	0	1
FAGU199	62.1	65.2	1XQ			0	0	99	999	0	0	1
FAGU199	71.7	73.0	BGP	3		0	0	0	0	0	0	1
FAGU199	87.6	88.4	PG	2		0	0	0	0	0	0	1
FAGU199	0.0	91.4	1G			0	0	0	0	0	0	1
FAGU199	109.6	110.5	2XD			0	0	0	0	0	0	1
FAGU199	110.5	111.8	1XD			0	0	0	0	70	90	1
FAGU199	115.3	115.4	G			99	999	0	0	99	999	1
FAGU199	116.1	117.6	G			30	0	0	0	99	999	1
FAGU199	111.8	123.4	B			0	0	0	0	0	0	1

DDH: FAGU199 UTM-N: 904,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU199	1	2
FAGU199	2	2
FAGU199	3	1

71W.

K. AND I ASSAYS.

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: 26 AUG 82.

Hole Number: FAGU 199

Project: GRUM REHOG.

Location: 71W

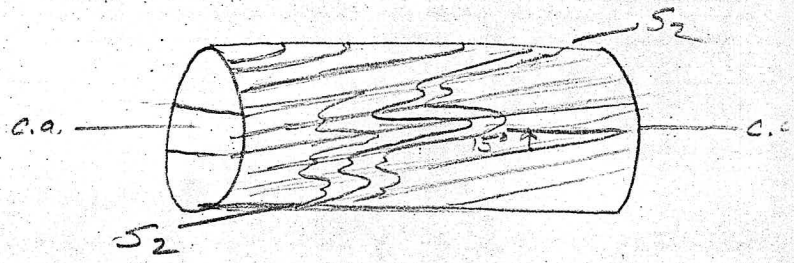
Claim:

Terr.Plane Co-ords.: 904884.3 N

592325.6 E

Grid Co-ords:

Reference Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Elevation: 1146.4

Total Depth: 1326.

Purpose:

Reason hole Terminated:

Logged by: DSJ JGS.

Date(s) Logged: 26 AUG 82.

Drilling Contractor:

Size	CORE From	To

Collar Cased and Capped:

Hole Cemented:

Steel down hole:

Started: Completed:

C.A.M.C. 1981 - E - 1

Cyprus Anvil Mining Corp.

DDH FAGU199 (2 8)

Diamond Drill Core Log Date: 25/AUG82 Logged By: JGS / DSJ

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	FAGU199	1146.4	9048843.2	592325.6	METRES	52

228.3 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGU199	100	89.3	~~226.8~~ 228.3	AT COLLAR
R	FAGU199	671	90.0	~~226.8~~ 228.3	SPERRY
R	FAGU199	1250	91.0	~~226.8~~ 228.3	

9 Nov. 82

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

DDH FAGU199 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 3 of 6

Date: 25 AUG Logged By: DSJ FGS

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	00	21		01	#	NIL REC
L	21	44		02	4E4	POR Bkn rubbly. REC/OK.
L	44	107		03	4G4	(4E46) REC/OK Loss 10·2 – 10·7
L	107	110		04	4A3	Bx Poor REC
L	110	125		05	4E4	Poor REC
L	125	148		06	5C4*	fush. (4E4) Rubble Bk. Core 50/50
L	148	158		07	4A10	EX/TEX qty sulph bond → 4A13
L	158	164		08	4E46	bond – rubble (4E1)
L	164	171		09	4A31	EX/TEX 1 = blk cherty mx.
						NB 10·7 – 17·1 5m REC ONLY.
						no gouge. V. Poor REC
						10·7 – 12·2 = 1m. Bx A F ?
						12·2 – 13·7 = 0·5m
						13·7 – 15·2 = 0·7m
						15·2 – 15·8 = 0·3m
						15·8 – 16·4 = 0·5m
						16·4 – 17·1 = 0·5m
L	171	240		10	4G4	(4E46) minor TYPO. REC/OK calc cx frac.
L	240	269		11	5A0	± * DOL ± 9 Sz ∥ Zn. sheared ∥ Sz unit
						(OQ * DOL CALC) incip Bx ∥ Sz. No FAULT. REC/OK
L	269	340		12	4G4	as above TYPO, no interbands py
						u/c So 70 °C AX. 70/000 REC/OK
L	340	341		13	4A13	
L	341	347		14	4G4	Sz ∥ contact 4A above, l.c cx Sz
						end barite F 75∠c AX. REC/OK
L	347	350		15	3G9	R/OK
L	350	352		16	4E46	REC/OK
L	352	353		17	5D4*	contact above ∥ Sz REC/OK
L	353	357		18	4G4	l.c Bx rough ∥ Sz REC/OK
L	357	395		19	3G0	± 9 (3G4) (OQ * DOL) Bx Crkl .5 BOTT .5 Top. 3G/95%
L	395	411		20	5B8*	DOL (5B6 ± 2,*) med gr, gry whly dol
L						[3G8*] u/c unit. F no gouge. FAULT
						l/c grad into → unit, rubble G 40·6 – 40·7
L	411	610		21	5B83	90% (5D0 8%) (5B0 2%) med gr gry, calc. NOT OLIVE 50
						5B, 43·6 – 44·0 tr (OQ * CALC)
						TYPO VAN FORM.

DDH FAGU199 (2–8) **Cyprus Anvil Mining Corp.** Page 4 of 6

Lithologic Log Date: 25 AUG 82 Logged By: DSJ - JGS.

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	610	618		22	5B*	±0 lt, m, grey, Bkn. lithon qtz carb, -dol → 5B
						F 61-4 20/000 vc / l.c ind. REC/OK
L	618	621		23	5D4*	DOL v.c cont, ind prob S2 ∥ REC/OK
L	621	638		24	5B0	±2 l.c S2 ∥ wkly Ckl Bx, mod liths REC/OK
L	638	652		25	5D0	∥ S2 calc ckle Bx REC/OK.
L	652	683		26	5B0	±2 minor darker grey green normal (+ gr - chl?) REC/OK.
L	683	713		27	5D0	Laminated minor (5F0) TUFFS 70.1 - 70.5 bedd. REC/O
L	713	914		28	5B0	(OQ* Calc) VAN/TYPO Core Bkn
						F. G & Bkn 71.7 - 73.0 v.l.c/ind .4 REC
						FLAT-F. Gouge 5° CAX 87.6-88.4 .2 REC
						Gouge 91.4 (2 cm)
L	914	1025		29	5B*	DOL ±2 minor m.gr VAN TYPO 98.9 - 99.1 -
L						(5D4*) → wkr acid retn 99.5 to EOI.
L	1025	1029		30	4L24	±1 (OQ*) (4D*DOL) last 5 cm. ∥ S2
L	1029	1032		31	4E4	±* DOL minor banded.
L	1032	1036		32	5A1*	DOL
L	1036	1060		33	4E4	banded; minor dol. patches.
L	1060	1078		34	4K0	, coarse mottled gr buff dol. 15-20% of unit REC/OK
L	1078	1094		35	4E4	(4E1) locally por. nr. top int 4E1 → base REC/OK
L	1094	1096		36	4L2	
L	1096	1105		37	4E4	(4E81) → upper .4 m, M.Bx, → to base
L	1105	1118		38	4L25	±4,7,1 grey green - cr Zn Py Po stringers.
						∥ & cx S2 micro Bx., 5 = dol diss unit.
						u/c contact sulph sharp., l.c u. Bx/x cut 70 CAX.
						70/90
L	1118	1234		39	5B26	+*DOL → 5A6*DOL (OQ*DOL) dk gr - blk
						dol wkly develop. 3% Bkn Core
						GOUGE. 115.3 - .4 ∥ S2. v/l c.
						GOUGE 116.1 - 117.6 30/000 v/c, l.c. ∥ S2
L	1234	1264		40	5B6	±2* (OQ*) 3% m.gr non carb., phyll less carb REC/OK
L	1264	1326		41	5B6	±2 *DOL. wkly banded S2 ∥ darker than above
						REC/OK.
						END of HOLE

DDH EAG.U.199 (2 / 8) Cyprus Anvil Mining Corp. Page 5 of 6

Structural Log Date: Aug. 23/82 Logged By: DG S/ok

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		164	IND	P			210 230	R band
S		1174	IND	P			610	" "
S		1210	IND	P			110	" "
S		1264	IND	P			310	
S		1305	IND	P			415	R band
S		1340	IND	P			510	" "
S		1378	IND	P			310	
S		1452	IND	P			310	
S		1503	CG12				015	
S		1560	IND	P			110	
S		1610	IND	P			210	
S		1670	IND	P			210	
S		1762	IND	P			410	
S		1827	IND	P			310	
S		1888	IND	P			310	
S		1970	CG12				410	
S		11022	CG12				510	
S		11085	IND	P			310	R band
S		11126	IND	P			310	
S		11168	IND	P			510	
S		11250	IND	P			310	
S		11320	IND	P			315	
								EOH 132.6

KERR ADD I ASSAYS

DDH FAGU 199 Cyprus Anvil Mining Corp

Page 6 of 6

Logged by

ASSAY LOG (SAMPLER'S COPY)

Date

Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	21	36	90716	15	09	4E4	
P	36	51	90717	15	13	~~4E4~~	(4G4) ·5m 4EG4
P	51	66	90718	15	14	4G4	
P	66	81	90719	15	15	4G4	
P	81	96	90720	15	12	4G4	
P	96	111	90721	15	10	4G4	(4A3) ·3m
P	111	126	90722	15	10	4E4	
P	126	141	90723	15	10	5C4*	
P	141	156	90724	15	08	4A10	
P	156	171	90725	15	13	~~4A31~~	(4E46) ·6m 4AE4
P	171	186	90726	15	14	4G4	
P	186	201	90727	15	12	4G4	
P	201	216	90728	15	14	4G4	
P	216	231	90729	15	09	4G4	
P	231	246	90730	15	08	4G4	
P	270	285	90731	15	15	4G4	
P	285	300	90732	15	14	4G4	
P	300	315	90733	15	15	4G4	
P	315	330	90734	15	15	4G4	
P	330	345	90735	15	13	4G4	
P	345	360	90736	15	11	~~4E4~~	(4G)(5O4*) 4EG4
P	1030	1045	90737	15	14	4E4	(5A1) ·4m
P	1045	1060	90738	15	15	~~4E4~~	0
P	1060	1075	90739	15	11	4K0	
P	1075	1090	90740	15	15	4E4	
P	1090	1105	90741	15	13	~~4E4~~	0 (4L2) ·2m

Metres

FAULT

DDH FAGU1.99 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	100	121	NIP1					nil recovry
F	121	144	B1					broken / recovry OK
F	1102	1107	P1					core loss
F	1107	1110	P1X1D					bxa, poor recovry
F	1110	1125	P1					poor recovry
F	1125	1148	R1B1					rubble / broken core 50/50
F	1107	1171	P1	5				3.5 m / 6.4 m recovry
								no gouge
F	1171	1240	S1Q1					calcareous cross-cutting fractures
F	1240	1269	1X1Q			919 9919		incipient bxa // S_2
								NO FAULT
F		1347	1F1					end basic F
								angle 75°/core Axis
F		1357	X1			919 9919		bxa roughly // S_2
F	1357	1362	X1Q1					crackle bxa
F	1390	1395	X1Q1					crackle bxa
F		1395	F1					upper contact Fault — no gouge
F	1406	1407	1R1G					rubble & gouge
F	1610	1618	1B1					broken
F		1614	1F1		210 0100			fault upper cnt 20/000
								lower cnt IND
F	1621	1652	1X1Q			919 9919		weak crackle bxa, // S_2
F	1717	1730	B1G1P	3				broken & gouge
								upper cnt IND
								0.4m / 1.3 m recovry
F	1876	1884	P1G	2				0.2 / 0.8 m recovry
								flat fault
								gouge 5°/C.A.
F		1914	1G1					2cm gouge
F	11096	11105	2X1D					molecule bxa
F	11105	11118	1X1D				710 990	// & crossing S_2 micro bxa
F	11118	11234	B1					broken core
	11153	11154	G1		99 9999		99999	gouge / upper & lower cnt // S_2

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

PROPER
LATITU
DEPART
ELEVAT

Inter
From 0

24.1

27.0

LOGGED BY Alexander Yeung Po D.D.H. Nº '76-U-199 PAGE 2/4

Interval From	Interval To	DESCRIPTION		Recovery		Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		in-groundmass varieties. Competent. Compositional	60	12	1.5	B483	27.0	28.5	1.5	6.10	10.21	105.00			[illegible]	[illegible]	162.[illegible]
		banding (sulfides/barite) ≈ 25~30°.	55	15	1.4	B484	28.5	30.0	1.5	5.40	9.55	98.74			[illegible]	[illegible]	[illegible]
		35.1~36 - transitional zone w/ bleached sericite	60	12	1.5	B485	30.0	31.5	1.5	6.20	9.85	139.20			[illegible]	[illegible]	[illegible]
		phyllite. Contact sub-// to core axis w/ sulfides	50	12	1.5	B486	31.5	33.0	1.5	6.40	9.25	104.92			[illegible]	[illegible]	[illegible]
		at one side and bleached sericite phyllite in the	50	10	1.3	B487	33.0	34.5	1.5	5.10	9.38	55.72			[illegible]	[illegible]	[illegible]
		opposite side.	40	10	1.1	B488	34.5	36.0	1.5	4.35	9.18	62.40			[illegible]	[illegible]	[illegible]
		36 - gradual change to normal sericite phyllite (S).															
36	39.6	Sericite phyllite (S). Competent. Slight trace	/	/	3.2	/	36.0	39.6	3.6								
		of graphite and calcite. Foliation F_2 ≈ 40~45°				Wt Av	2.1	36.0	33.9	5.83	8.53	90.2			[illegible]	[illegible]	[illegible]
		changing to 20~25 fr. 38.1. F_1 ≈ F_2 (?) - not				Wt Av	2.1	23.1	21.0	6.70	[illegible]	97.1	/		[illegible]	[illegible]	[illegible]
		very clear relationship based @ 37.5 m.				Wt Av	2.1	24.6	22.5	6.54	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
		39.6 - Abrupt change to Calcitic-chloritic sericite				"	12.6	13.1	4.5	4.46	6.01	[illegible]			[illegible]	[illegible]	[illegible]
		phyllite (Sk+c). Contact broken ground.				"	27.0	36.0	9.0	5.63	9.64	[illegible]			[illegible]	[illegible]	[illegible]
39.6	93.0	Calcitic-chloritic sericite phyllite (Sk+c).			51.8	/	39.6	93.0	53.4								
		Competent. Greenish groundmass w/ white calcite				"	33.0	36.0	3.0	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
		laminae (F_1). F_2 ≈ 25-30°; F_1 ≈ 75-90°.															
		47.2-59.4 - F_2 ≈ 0~10; F_1 ≈ 85~90°															
		61 - Shear															
		61.3 - 61.6 - Bleached phyllite, tuffaceous looking.															
		Rosy-buff. Contacts abrupt, broken grd. Siliceous															
		non-Calcitic except for short secondary stringers.															

LOGGED BY Alexander Young Po 7½"x11" X-ray ±

D.D.H. NO 76-C-199 PAGE 3/4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		77.5-77.7 - F2 ≈ 0°; F1 sub-// F2													
		82.3-88.8 - F2 ≈ 25°; F1 ≈ 55 ∿ 60 w/ broad													
		almond-shaped fabric mass closures.													
		88.2-88.4 - pebble/sand - shears?													
		91.4-93 - F2 ≈ 30° F1 ≈ 85 ∿ 80°													
		93 - gradual change to sericite phyl w/ trace calcite (Sk)													
93	102.4	Sericite phyl w/ trace calcite (Sk). Competent.	8.8	/	93	102.4	9.4								
		Foliation F2 ≈ 30°; F1 ≈ Not well developed													
		≈ 60° @ 98 m.													
		102.4 - Abrupt change to Bleached sericite phyllite.													
		Contact broken grd.													
102.4	103.0	Bleached Sericite phyllite (Sb). Competent. Buff													
		with greenish hue. Foliation ≈ 30° ∿ 45°.													
		Sulfide showing Py: 2% Pb+Zn: Tr.													
		103.0 - Abrupt clean contact w/ massive	2 hr	0.6	/	102.4	103.0	0.6	Too much Zn						
		sulfides ≈ 65°	15	12	1.4	B489	103.0	104.5	1.5	3.40	9.65	44.33			
103.0	118.5	Massive sulfides of the porous (MV), banded	70	8	1.5	B490	104.5	106.0	1.5	1.83	1.05	29.14			
		(MB) and w/ qtz inclusions (MIQ) varieties.	50	6	1.1	B491	106.0	107.5	1.5	1.13	0.30	27.49			
		Competent. Compositional banding ≈ 60 ∿ 65°	65	15	1.5	B492	107.5	109.0	1.5	6.80	6.49	65.57			
		Short porous intervals w/ matrix ≈ 55 ∿ 60°	45	5	1.3	B493	109.0	110.5	1.5	1.95	1.93	23.31			
		109 ∿ 109.7 - mgpt w/ Po asso w/ py laminae.	5	1	1.2	/	110.5	111.7	1.2	1 PE	not	(Up to 0.5 oz)			
						VN 94	102.0	106.0	3.0	0.37	2.35	34.34			

LOGGED BY Alexander Young P.Geo

D.D.H. NO 76-U-199 PAGE 4/5

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pt	Assay x Zn	Assay x Ag
		110.5 - Gradual change to bleached sericite phyllite (S). Contact is arbitrary. Change is w/ decrease in mineralization and ~~and~~ increase of bleached sericite in groundmass.													
110.5	111.7	Bleached sericite phyllite w/ minor sulfide showing (P-56). Competent. Foliation 15 ~ 25°. Sulfides following foliation as well as isolated clusters/blebs in groundmass. 111.7 - Abrupt change to graphitic phyllite (G). Contact broken grd.													
111.7	131.1	GRAPHITIC SERICITE Phyllite (G). Competent. Foliation F_2 ~ 35 ~ 40° F_1 ~ 5 ~ 10° @ 111.7 ~ 115.8' interval. 117. ~ 117.3 ~ Foliation changed to F_2 ~ 50 ~ 60° F_1 ~ 0 ~ 10° 116 ~ 116.5 ~ FAULT. DARK STICKY gouge	19.3	/	111.7	131.1	19.4								
131.1		END OF HOLE													
		NOTE: D & B survey hampered by high pressure water. Result of survey is questionable.													

DDH: FAGU199 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

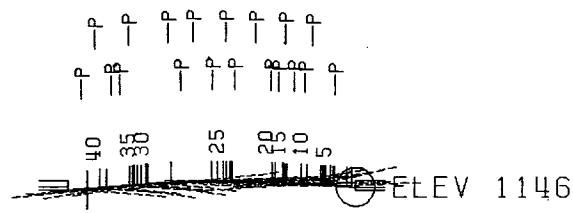
ELEV: 1146 592326E ; 904884N

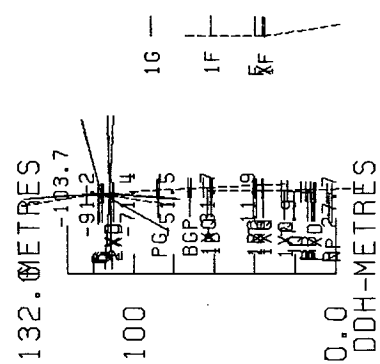
PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 546.0 Z = 1146.4

SECTION NAME: 01N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 18 OCT 1985 2:52 PM





DDH: FAGU199 -- 12 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV:1146 592326E 90884N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 592346.0 Z = 1146.4

SECTION NAME: 01N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 18 OCT 1985 2:53 PM

132.6 METRES

100

0.0

DDH-METRES

-103.7
-91.2
-71.4
-51.5
-31.7
-11.9
7.9
27.7

90737 90738 90739 90740 90741 90742 90743 90744 90745 90746 90747 90748 90749 90750 90751 90752 90753 90754 90755 90756 90757 90758 90759 90760 90761 90762 90763 90764 90765 90766 90767 90768 90769 90770 90771 90772 90773 90774 90775 90776