

FAGU112

Grum-76W

014966

Vol. 3 of 3

DRILL HOLE : FAGU112
NORTHING : 905,100.5
EASTING : 592,316.6
ELEVATION : 1,122.4
TOTAL DEPTH : 45.7
SECTION : W 76
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: 7
NOS DOWN-H-STRUCTURE: 7
NOS DOWN-H-FAULTS: 0
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

25NOV83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 10

DDH: FAGU112 UTM-N: 905,100.5 UTM-E: 592,316.6 UTM-ELEV: 1,122.4 TOTAL DEPTH: 45.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH ZENITH AZIMUTH

0.000 149.400 220.300

25NOV83 GRUM

DOWN-HOLE LITHOLOGY (DHO20)

PAGE: 11

DJH: FAGU112 UTM-N: 905,100.5 UTM-E: 592,316.6 UTM-ELEV: 1,122.4 TOTAL DEPTH: 45.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.0	OC01	#		0.5-	1
7.0	OC02	5A6		0.5-	1
23.0	OC03	5B62		0.5-	1
23.5	OC04	5D3		0.5-	1
24.6	OC05	5B62	8	0.5-	1
27.3	OC06	5B62	8 & O WEAK	0.5-	1
45.7	OC07	5B62	8	0.5-	1

25NOV83 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 12

DDH: FAGU112 UTM-N: 905,100.5 UTM-E: 592,316.6 UTM-ELEV: 1,122.4 TOTAL DEPTH: 45.7 SECTION: W 76
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
FAGU112	0.C	1.5	CS2	S	0	0	0	0	60	230	C		1	1	1
FAGU112	0.C	8.2	CS2	3	0	0	0	0	52	230	C		1	1	1
FAGU112	0.C	15.2	CS2	3	0	0	0	0	52	230	C		1	1	1
FAGU112	0.C	22.9	CS2	3	0	0	0	0	45	230	C		1	1	1
FAGU112	0.C	28.2	CS2	Z	0	0	0	0	55	230	C		1	1	1
FAGU112	0.C	33.5	CS2	Z	0	0	0	0	64	230	C		1	1	1
FAGU112	0.C	41.0	CS2	S	0	0	0	0	68	230	C		1	1	1

25NOV83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 13

DDH: FAGU112 UTM-N: 905,100.5 UTM-E: 592,316.6 UTM-ELEV: 1,122.4 TOTAL DEPTH: 45.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU112 1 1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 08:17:02

DIAMOND DRILL CORE LOG

Date: 11 July, 1981

Hole Number: FAGU 112

Reference Fabric Orientation Diagram:

Project: Grum Re-log

Location: F-6 Orthophoto (105K-6)

Claim: _____

Terr. Plane Co-ords.: 6905100.5 N

592314.6 E

Grid Co-ords: 76+00W

Q + 30 N

Elevation: 1122.4 M

Total Depth: 45.7 M

Purpose: Definition Drilling

Reason hole Terminated: _____

Logged by: DSJ

Date(s) Logged: 11 July, 1981

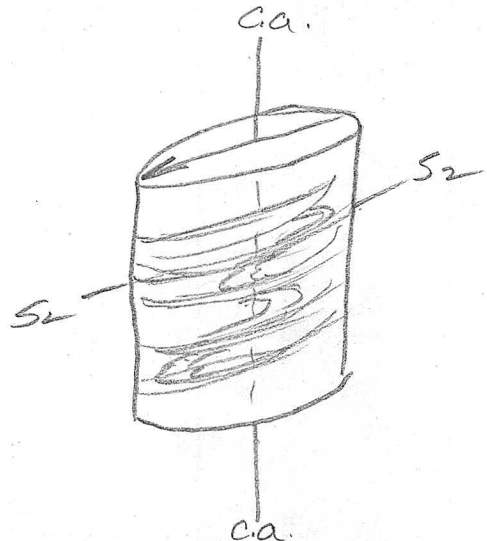
Drilling Contractor: Cameron McCutcheon

Size	CORE From	To	Collar Cased and Capped:
<u>BO</u>	<u>0</u>	<u>45.7 M</u>	_____
_____	_____	_____	_____
_____	_____	_____	_____

Hole Cemented: _____

Steel down hole: _____

Started: 14 June 76 Completed: 14 June 76



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Conversion of
KA survey grid
coords.

DDH E.A.G.U.1.1.2
2 8

Cyprus Anvil Mining Corp.

Page 3 of 4

Lithologic Log

Date: 11 July 81

Logged By: DSJ

Code	From					To					Recov.	No.					Unit	Description
	10	14	16	20	22	24	26	28	30	34		35						
L		00				10									1	#	O/B (underburden)	
L		10				70									25	AG		
L		70				230									35	B62		
L		230				235									4	D3		
L		235				246									5	B628		
L		246				273									6	B328	whly to v. whly calc., not cov	
L		273				457									7	B628		
																	No faults or zones of broken core in hole	

Code	From		To		Feature	Sym	S ₀		S ₁		S ₂		Description
	10	14 16	20	22 24			26 28	32 34	38 40	44	Dip Direct.	Dip Direct.	
S			15		CS2S						60	230	
S			8		CS2Z						52	230	
S			15		CS2Z						52	230	
S			22		CS2Z						45	230	
S			28		CS2Z						55	230	
S			33		CS2Z						64	230	
S			41		CS2S						68	230	

DDH: FAGU112 -- 42 DEGREE PROFILE

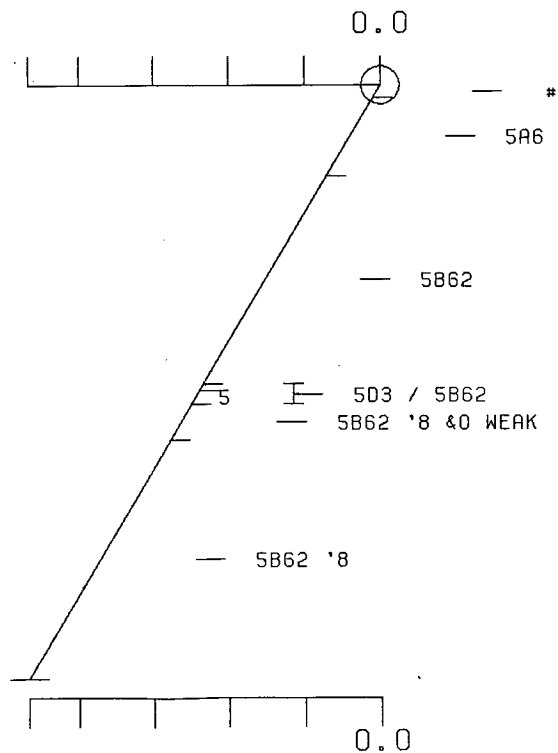
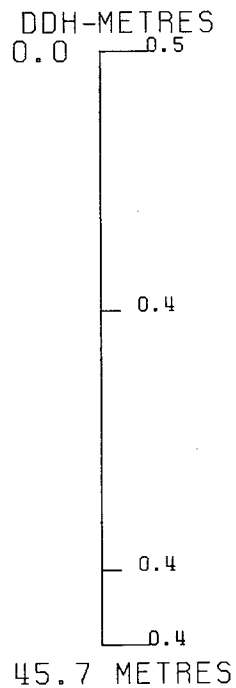
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1122 592317E ; 905101N

PLUNGE ANGLE IS 11:0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 587.1 Z = 1122.5

SECTION NAME: 76W



ELEVATION
ABOVE S.L.

+ 11'00 M.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 8 NOV 1984 9:51 AM



DDH: FAGU112 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

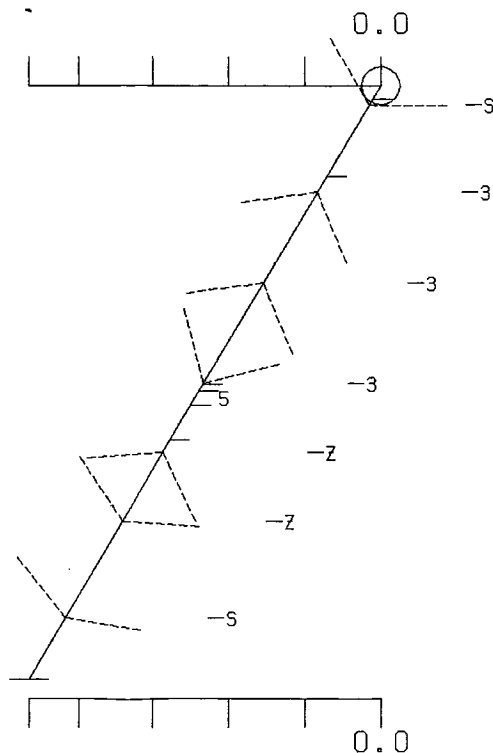
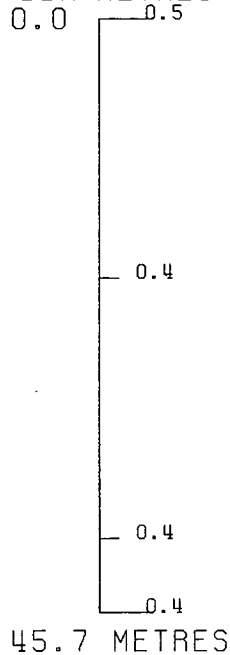
ELEV: 1122 592317E ; 905101N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 587.1 Z = 1122.5

SECTION NAME: 76W

DDH-METRES
0.0 0.5



ELEVATION
ABOVE S.L.

+ 1100 M.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 8 NOV 1984 9:50 AM



DRILL HOLE : FAGU114
NORTHING : 905,098.9
EASTING : 592,315.4
ELEVATION : 1,123.6
TOTAL DEPTH : 45.7
SECTION : W 76
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: 21
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 9
NOS DOWN-H-STRUCTURE: 9
NOS DOWN-H-FAULTS: 4
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

21NOV83 GRUM

DOWN-HOLE SURVEYS (OH020)

PAGE: 23

DDH: FAGU114 UTM-N: 905,098.9 UTM-E: 592,315.4 UTM-ELEV: 1,123.6 TOTAL DEPTH: 45.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	89.500	222.100

21NOV83 GRUM

DOWN-HOLE LITHOLOGY (DHD20)

PAGE: 24

DDH: FAGU114 UTM-N: 905,098.9 UTM-E: 592,315.4 UTM-ELEV: 1,123.6 TOTAL DEPTH: 45.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.6	0C01	4A4		0.5-	1
5.3	0002	5C4*	[5D4*]	0.5-	1
10.2	0003	4A4	80 (4E4) 90:10	0.5-	1
11.8	0004	5A3		0.5-	1
16.4	0005	4L3		0.5-	1
19.9	0006	4A4		0.5-	1
20.8	0007	4C0		0.5-	1
38.4	0008	4A4	(4A0) MINOR	0.5-	1
45.7	0009	4DC	(4C0) E.O.I.	0.5-	1

21NOV83 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 25

DDH: FAGU114 UTM-N: 905,098.9 UTM-E: 592,315.4 UTM-ELEV: 1,123.6 TOTAL DEPTH: 45.7 SECTION: W 76
 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
FAGU114	0.0	1.3	CS2	0	0	1	230	C	1	1
FAGU114	0.0	5.0	PS2	0	0	1	230	0	1	1
FAGU114	0.0	10.7	CS2	0	0	1	230	C	1	1
FAGU114	0.0	16.8	CS2	0	0	1	230	0	1	1
FAGU114	0.0	21.6	CS2	0	0	15	230	0	1	1
FAGU114	0.0	27.4	CS2	0	0	11	230	0	1	1
FAGU114	0.0	33.5	CS2	0	0	1	230	C	1	1
FAGU114	0.0	39.6	CS2	0	0	1	230	0	1	1
FAGU114	0.0	45.7	CS2	0	0	1	230	0	1	1

21NOV83 GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 26

DDH: FAGU114 UTM-N: 905,098.9 UTM-E: 592,315.4 UTM-ELEV: 1,123.6 TOTAL DEPTH: 45.7 SECTION: W 76
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		
FAGU114	22.9	24.4	NNN				0	0	0	0	1	
FAGU114	38.1	38.4	X				0	0	99 999	0	0	1
FAGU114	38.4	39.5	PB		0		0	0	C C	0	0	1
FAGU114	45.0	45.7	B				0	0	C C	0	0	1

21NOV83 GRUM

DOWN-HOLE SPLINES (DHD20)

PAGE: 27

DDH: FAGU114 UTM-N: 905,098.9 UTM-E: 592,315.4 UTM-ELEV: 1,123.6 TOTAL DEPTH: 45.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU114 1 1

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 5

Date: 12 July, 1981

Hole Number: FAGU 114

Reference Fabric Orientation Diagram:

Project: Grum Re-log

Location: F-6 Orthophoto (105K-6)

Claim: _____

Terr. Plane Co-ords.: 6905098.9 N

592315.4 E

Grid Co-ords: 76+00W

G+28N

Elevation: 1123.6 M

Total Depth: 45.7 M

Purpose: Definition Drilling

Reason hole Terminated: _____

Logged by: DSJ

Date(s) Logged: 12 July, 1981

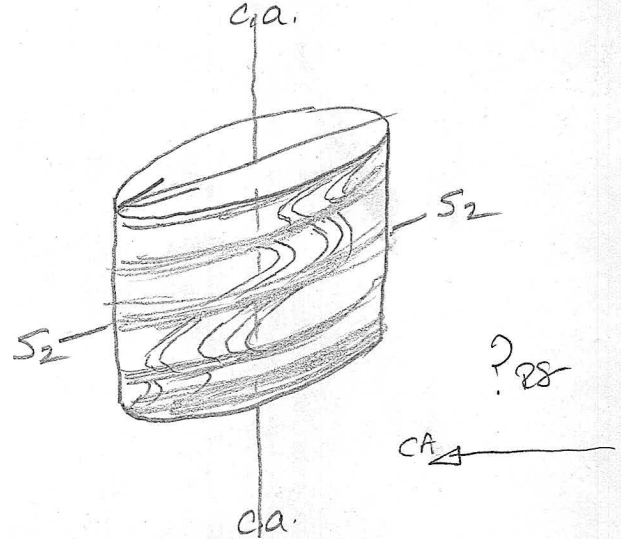
Drilling Contractor: American McLintock

Size	CORE From	To	Collar Cased and Capped:
<u>BQ</u>	<u>0</u>	<u>45.7 M</u>	_____
_____	_____	_____	_____
_____	_____	_____	_____

Hole Cemented: _____

Steel down hole: _____

Started: 11 June 76 Completed: 15 June 76



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Conversion of KA surveyed grid coordinates

DDH FAG.U.114
2 8

Cyprus Anvil Mining Corp.

Page 3 of 5

Lithologic Log

Date: 12 July 81

Logged By: [Signature]

Code	From				To				Recov.	No.	Unit	Description
	1	10	14	16	20	22	24	26				
L		00			46					1	4A4	
L		46			53					2	5C4*	[504*] - 2% fuchsite
L		53			102					3	4A4	2' 4E band near FW contact
L		102			118					4	5A3	
L		118			164					5	4L3	no fuchsite ∴ prob pelite protolith
L		164			199					6	4A4	10
L		199			208					7	4C0	thin 4C band in 4A; minor graph pelite bands (4A) in 4C
L		208			384					8	4A4	excellent tectonic breccia 38.1-38.4 ≈ 11S ₂ w/ graph material
L		384			457					9	4C0	core missing 38.4-39.5 m lt. gray in color, generally < 5% combined low py content but not 4B; unit only 1 step removed from 4A; some of lost & broken core, 38.4-39.5 w/ ≈ 0.1 M rec'd (no attitudes); last .7M (45.0-45.7) broken core, no gauge

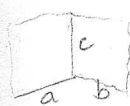
(4C0) ESE

Structural Log

Date: 12 July 81

Logged By: [Signature]

Code	From			To			Feature	Sym	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24			26	28	32	34	38	40	
S				13			CS ₂						010	230	Cannot see good micro-
S				50			PS ₂						010	230	little struct is no symm.
S				107			CS ₂						00	230	also S ₂ ≈ horiz is no symm.
S				168			CS ₂						00	230	possible
S				216			CS ₂						15	230	
S				274			CS ₂						11	230	
S				335			CS ₂						00	230	
S				396			CS ₂						00	230	
S				457			CS ₂						00	230	



ASSAY LOG (SAMPLER'S COPY)

Date 12 July 87

Sampled by PSJ

CODE	FROM		TO		SAMPLE	INTR.	REC (m)		UNIT	DESCRIPTION			
	10	14	16	20			22	26			28	30	32
P		00		23	72915		23	20	4A4				
P		23		46	72916		23	21	4A4				
P		46		66	72917		20	20	4A4				W 0.7 M 504*
P		66		86	72918		20	20	4A4				
P		86		102	72919		16	10	4A4				
P		102		118	73010		16	16	5A3				
P		164		184	74011		20	20	4A4				
P		184		204	74012		20	19	4A4				
P		204		229	74013		25	25	4A4				
P		229		244	91007.2		15		4A4				From KA log KA# 3412
P		244		264	74014		20	20	4A4				
P		264		284	74015		20	20	4A4				
P		284		304	74016		20	20	4A4				
P		304		324	74017		20	20	4A4				
P		324		344	74018		20	20	4A4				
P		344		364	74019		20	20	4A4				
P		364		384	74110		20	20	4A4				
P		384		404	74111		20	10	400				
P		404		424	74112		20	19	400				
P		424		444	74113		20	20	400				
P		444		457	74114		13	13	400				



Meters

FAULT

DDH FAGULLU 2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: 2 Nov/83 Logged By: _____

Code	From				To				Feature	E.S.	S ₀				S ₁				S ₂				Description
	10	14	16	20	22	24	26	28			Dip	Direct.	32	34	38	40	Dip	Direct.	38	40	Dip	Direct.	
F	12	29	12	44	M/M																core missing		
F	13	81	13	84	X ₁							9.9	9.9	19							tectonic bra // S ₂ w/ graphitic matrix		
F	13	84	13	95	P/B ₁	0															9% recovery lost & broken core		
F	14	50	14	57	B ₁																broken core - no gauge		

DIAMOND DRILL RECORD

LOGGED BY JOCK HOWARD

D.D.H. No 76-U-114 PAGE 1

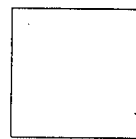
PROPERTY GRUM JOINT VENTURE (VANGORDA-GRUM)

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	222° 04°	0°

LATITUDE 10,891.951 6N+28mNE STARTED JUNE 14, 1976

DEPARTURE 7,625.063 76W COMPLETED JUNE 15, 1976

ELEVATION 1134.224M PROPOSED DEPTH
 ULTIMATE DEPTH 45.7



CLAIM No

TOTAL CORE RECOVERY: 84.7%

Interval		DESCRIPTION	Py Pz	Recovery	Sample No	Interval		Sample Length	Assay					Assay x		
From	To					From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
0	4.6	QUARTZ SULPHIDES (P).	15 17	0.4	3298	0	1.5	1.5	4.22	10.25	67.54			6.33	15.375	101.31
		Bands and thin laminae of sulphides in a phyllite	15 18	1.5	3299	1.5	3.0	1.5	4.14	8.21	66.61			6.21	12.315	99.765
		groundmass. Banding irregular but mostly 45°. Core	15 16	1.1	3300	3.0	4.6	1.6	5.76	8.87	86.74			9.216	14.192	138.78
		is generally competent but broken. Traces of graphite.														
					W.Av.	0	4.6	4.6	4.73	9.10	73.88			21.765	41.882	339.86
4.6	5.2	BLEACHED PHYLLITE (Sbm).	0 Tr.	0.6	3401	4.6	5.2	0.6	0.68	1.45	8.23			0.408	0.870	4.938
		Earthy white to pale yellow-gray. Traces of mariposite.														
		Core is competent for this type of rock.														
5.2	10.7	QUARTZ SULPHIDES (P).	15 20	0.8	3402	5.2	6.1	0.9	4.15	6.76	58.63			3.735	6.084	52.767
		Similar to (0-4.6); banding-40° and more regular.	20 17	1.1	3403	6.1	7.6	1.5	5.55	5.86	78.86			8.325	8.79	118.29
			20 18	1.5	3404	7.6	9.1	1.5	3.08	5.15	55.54			4.62	7.725	83.31
			25 15		3405	9.1	10.7	1.6	0.55	0.45	10.97					
					W.Av.	5.2	7.6	2.4								
					W.Av.	4.6	9.1	4.5	3.8	5.22	57.62			17.088	23.469	259.31
					W.Av.	0	9.1	9.1	4.27	7.18	65.84			38.844	65.351	529.16

LOGGED BY _____

D. D. H. No 76-U-114 PAGE 2

Interval		DESCRIPTION	Py Pz	Recovery	Sample No	Interval		Sample Length	Assay					Assay x			
From	To					From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
10.7	16.5					QUARTZ SERICITE PHYLLITE (Sg)	- Tr.		3.0	3406	10.7	13.7	3.0	0.18	0.28	3.09	
		Medium to dark gray with sections showing some graphite. F parallel to core. Only moderately competent.	- Tr.	2.8	3407		16.5	2.8	0.18	0.30	3.09						
16.5	45.7	QUARTZ SULPHIDES (Pg).		1.8	3408	16.5	18.3	1.8	4.80	8.26	71.66			8.64	14.868	128.988	
		Bands of high grade massive sulphide and thin laminae of PZ in a quartz rich phyllite. F =0-15°. Competent.		1.5	3409		19.8	1.5	3.13	6.73	50.40			4.695	10.095	75.6	
				1.5	3410	19.8	21.3	1.5	2.73	3.45	44.23			4.095	5.175	66.345	
				1.6	3411		22.9	1.6	1.93	3.33	32.23			3.088	5.328	51.568	
		Q-60% Pz + Py-30%		1.5	3412		24.4	1.5	2.33	3.85	35.31			3.495	5.775	52.965	
		S-10% PZ - 16+%		1.5	3413		25.9	1.5	1.48	3.10	28.46			2.22	4.65	42.69	
		G-10%		1.5	3414		27.4	1.5	2.20	4.35	40.46			3.30	6.525	60.69	
				1.3	3415	27.4	29.0	1.6	1.53	2.18	28.46			2.448	3.448	45.536	
				1.5	3416		30.5	1.5	0.98	1.88	17.14			1.47	2.82	25.71	
				1.5	3417		32.0	1.5	1.80	3.75	35.31			2.7	5.62	52.96	
				1.5	3418		33.5	1.5	2.98	5.00	48.34			4.47	7.50	72.51	
				1.6	3419		35.1	1.6	3.25	3.90	52.46			5.20	6.24	83.936	
				1.5	3420		36.6	1.5	4.00	6.74	57.60			6.00	10.11	86.4	
		38.1-38.4: Breccia (PXs)		1.8	3421		38.4	1.8	3.20	4.25	51.43			5.76	7.65	92.574	
		38.4-41.0: FAULT ZONE. Gouge and broken core.		1.2	3422		41.0	2.6	1.30	2.95	19.20			3.38	7.67	49.92	
				1.6	3423		42.7	1.7	2.00	3.96	31.20			3.4	6.732	53.04	
				1.5	3424		44.2	1.5	1.75	4.20	27.43			2.625	6.3	41.145	
45.7		END OF HOLE.		1.5	3425		45.7	1.5	1.93	2.58	25.37			2.895	3.87	38.055	

DDH: FAGU114 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1124 592315E ; 905099N

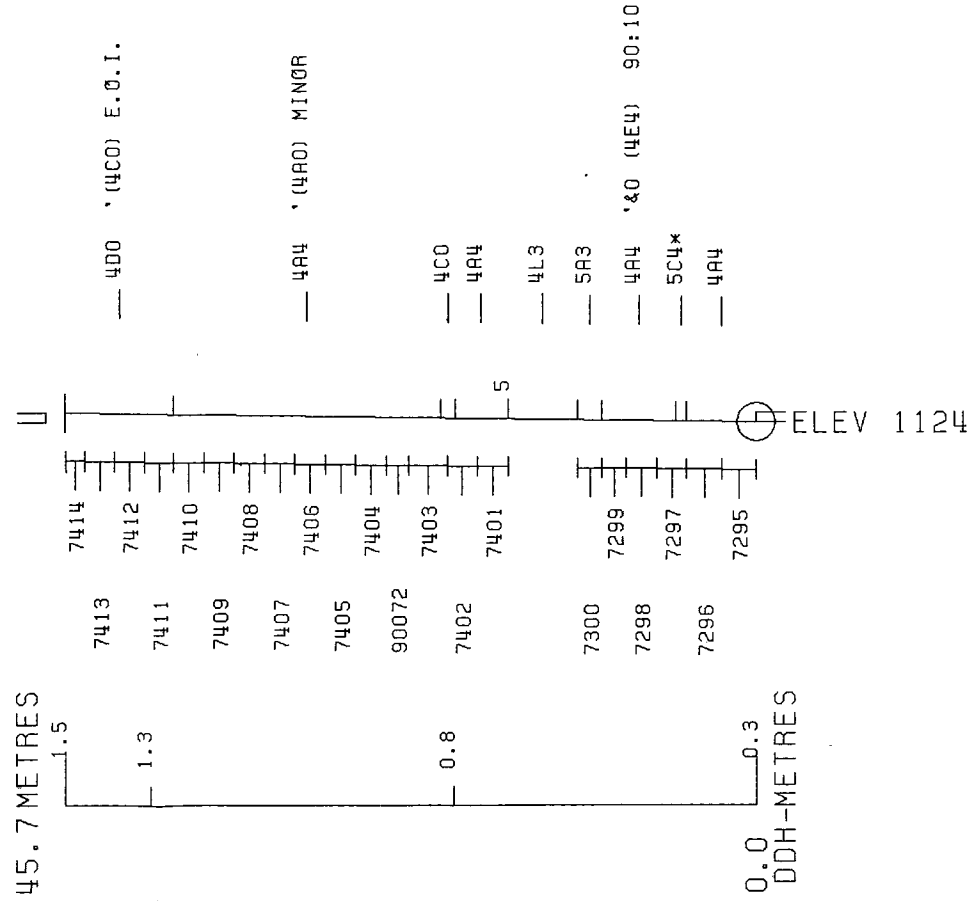
PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 585.1 Z = 1123.7

SECTION NAME: 76W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 8 NOV 1984 10:08 AM



DDH: FAGU114 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV:1124 592315E ; 905099N

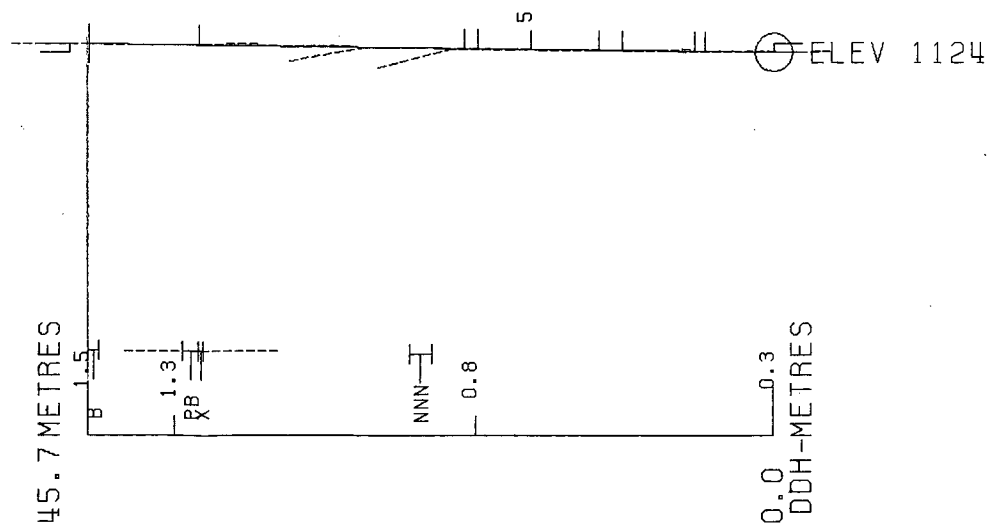
PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 585.1 Z = 1123.7

SECTION NAME: 76W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 8 NOV 1984 10:07 AM



FAGU116

DRILL HOLE : FAGU116
NORTHING : 905,098.8
EASTING : 592,315.4
ELEVATION : 1,125.8
TOTAL DEPTH : 68.5
SECTION : W 76
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: 23
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 36
NOS DOWN-H-STRUCTURE: 13
NOS DOWN-H-FAULTS: 13
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

21NOV83 GRUM

ORE SAMPLES & ASSAYS (DHO20)

PAGE: 15

DDH: FAGU116 UTM-N: 905,098.8 UTM-E: 592,315.4 UTM-ELEV: 1,125.8 TOTAL DEPTH: 68.5 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS.CALC: 1

---DEPTHS---		SAMPLE NO.	INT. REC.	ROCK UNIT	S.G. PULP	-----ASSAYS-----													
FROM	TO					CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %
.0	1.9	07577	1.9	1.3	4A14	3.54	.02	4.29	9.09	80.00		1.16	2	15	17				
1.9	3.3	07578	1.4	.9	4K4	3.02	.02	2.50	5.40	62.99		1.64	2	22	24				
3.3	4.3	07579	1.0	.8	5A6	3.18	.01	.17	.42	11.00		.75	1	7	9				
4.3	5.2	07580	.9	.9	4E6*	5.13	.07	.73	1.81	27.99		.95	3	22	25				
5.4	7.1	90311	1.7	.8	5A69			.02	.05	1.03									
7.1	9.2	92086	2.1	1.4	4L0			.01	.08										
9.2	10.6	07581	1.4	1.4	4D0	3.79	.04	3.79	5.79	70.00		1.03	2	14	16				
10.6	11.2	07582	.6	.6	4A14	3.64	.04	3.79	5.40	67.00		1.37	3	15	18				
19.0	21.3	07583	2.3	1.7	4A14	4.01	.05	1.61	3.39	35.00		.89	1	17	18				
21.3	22.9	07584	1.6	1.5	4A10	3.37	.07	1.15	2.39	25.00	24.00	.75	1	18	19				
22.9	24.4	07585	1.5	1.4	4A14	3.45	.07	3.79	6.90	61.99		.95	1	12	14				
24.4	25.9	07586	1.5	1.4	4A14	3.54	.16	3.89	5.70	66.00		1.51	1	13	15				
25.9	27.4	07587	1.5	1.0	4L14	3.00	.04	.69	1.70	15.99		.68	1	6	7				
45.4	47.2	07588	1.8	1.8	4L14	3.31	.08	3.70	7.59	60.99		1.03	2	9	12				
48.6	49.2	07589	.6	.6	4L14	3.45	.04	2.89	6.00	52.00		.62	2	5	7				
50.1	51.8	07590	1.7	1.5	4AC	3.43	.11	1.51	3.29	30.99		1.16	1	15	17				
51.8	53.0	07591	1.2	1.1	4A14	3.20	.07	1.86	3.60	28.99		1.03		5	6				
53.6	55.6	07592	2.0	1.7	4L14	3.04	.05	1.30	1.96	21.00		.89		4	5				
55.6	57.4	07593	1.8	1.3	4L14	4.21	.02	2.20	2.50	25.00		.89		3	4				
57.4	58.4	07594	1.0	.5	4L14	2.83	.04	1.60	1.31	18.00	20.00	.34		1	2				
58.4	61.0	07595	2.6	2.6	4A4	3.85	.04	2.39	4.79	38.00		.75	1	8	9				
61.0	62.6	07596	1.6	1.6	4A4	4.50	.10	3.00	4.40	50.00		1.78	1	16	17				
62.6	63.2	07597	.6	.6	4J14	4.13	.08	8.10	17.10	141.00		1.85	2	14	17				

WEIGHTED AVERAGE

.0	5.2	5.2	3.9	3.61	.02	2.40	5.17	53.15		1.18	2	16	19						
5.4	11.2	5.8	4.2	1.29	.01	1.31	2.00	24.12		.39		5	5						
19.0	27.4	8.4	7.0	3.52	.07	2.16	3.94	40.05	4.57	.95	1	13	15						
45.4	47.2	1.8	1.8	3.31	.08	3.70	7.59	60.99		1.03	2	9	12						
48.6	49.2	.6	.6	3.45	.04	2.89	6.00	52.00		.62	2	5	7						
50.1	53.0	2.9	2.6	3.34	.09	1.65	3.42	30.17		1.11	1	11	13						
53.6	63.2	9.6	8.3	3.77	.05	2.50	4.11	38.37	2.08	1.00	1	7	8						

21NOV83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 16

DDH: FAGU116 UTM-N: 905,098.8 UTM-E: 592,315.4 UTM-ELEV: 1,125.8 TOTAL DEPTH: 68.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE, ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	45.100	225.100

21NOV83 GRUM

DOWN-HOLE LITHOLOGY (DHO20)

PAGE: 17

DDH: FAGU116 UTM-N: 905,098.8 UTM-E: 592,315.4 UTM-ELEV: 1,125.8 TOTAL DEPTH: 68.5 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.9	0001	4A14	(4A4#)	0.5-	1
3.3	0002	4K4	\$	0.5-	1
4.3	0003	5A6	(4L3)	0.5-	1
5.2	0004	4E6*		0.5-	1
7.4	0005	5A69		0.5-	1
9.2	0006	4L0		0.5-	1
10.6	0007	4D0		0.5-	1
11.2	0008	4A14		0.5-	1
13.4	0009	4L2	(4L0)	0.5-	1
16.9	0010	5A62	(5A0)	0.5-	1
17.8	0011	4L1	(5A6)	0.5-	1
19.0	0012	5A6		0.5-	1
25.9	0013	4A14	(4A10)	0.5-	1
27.4	0014	4L14		0.5-	1
28.1	0015	4L7		0.5-	1
30.0	0016	4L0	(10Q0)	0.5-	1
33.7	0017	5B46		0.5-	1
35.3	0018	4L0		0.5-	1
36.7	0019	5D4@	[4L@]	0.5-	1
41.4	0020	4L3	(4L0) (10Q0) GOUGE	0.5-	1
43.6	0021	5B46		0.5-	1
45.4	0022	4L@	[5D4@]	0.5-	1
46.5	0023	4L14		0.5-	1
47.2	0024	4L14	(4D4)	0.5-	1
48.6	0025	4L14	NO CORE	0.5-	1
49.2	0026	4L14		0.5-	1
50.1	0027	4L3*	[5C4*] (4L14)	0.5-	1
50.8	0028	4C0		0.5-	1
53.0	0029	4A14	(4L14)	0.5-	1
53.6	0030	4L*	[5D4*]	0.5-	1
58.4	0031	4L14	(4L3)	0.5-	1
62.6	0032	4A4		0.5-	1
63.2	0033	4J14		0.5-	1
64.3	0034	5A0		0.5-	1
67.6	0035	5B40		0.5-	1
68.6	0036	4L3	[5B40]	0.5-	1

21NOV83 GRUM

DOWN-HOLE STRUCTURE (DHO20)

PAGE: 18

DDH: FAGU116 UTM-N: 905,098.8 UTM-E: 592,315.4 UTM-ELEV: 1,125.8 TOTAL DEPTH: 68.5 SECTION: W 76
 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
FAGU116	0.0	1.2	PS2	P	0	0	0	0	65	230	0		1	1	1
FAGU116	0.0	7.6	CS2	Z	0	0	0	0	60	230	0		1	1	1
FAGU116	0.0	9.1	PS2		0	0	0	0	65	230	0		1	1	1
FAGU116	0.0	13.7	CS2	S	0	0	0	0	52	230	0		1	1	1
FAGU116	0.0	15.2	CS2	E	0	0	0	0	55	230	0		1	1	1
FAGU116	0.0	25.0	PS2		0	0	0	0	65	230	0		1	1	1
FAGU116	0.0	29.0	CS2	S	0	0	0	0	60	230	0		1	1	1
FAGU116	0.0	31.5	PS2		50	90	0	0	60	230	0		1	1	1
FAGU116	0.0	37.0	PS2		0	0	0	0	35	230	0		1	1	1
FAGU116	0.0	43.0	CS2	Z	0	0	0	0	0	230	0		1	1	1
FAGU116	0.0	54.9	PS2		0	0	0	0	50	230	0		1	1	1
FAGU116	0.0	59.7	PS2		0	0	0	0	50	230	0		1	1	1
FAGU116	0.0	66.5	CS2	Z	0	0	0	0	55	230	0		1	1	1

21NOV83 GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 19

DDH: FAGU116 UTM-N: 905,098.8 UTM-E: 592,315.4 UTM-ELEV: 1,125.8 TOTAL DEPTH: 68.5 SECTION: W 76
 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	
FAGU116	0.0	1.9	X				0	0	0	0	1
FAGU116	0.0	5.2	XD?				0	0	0	0	1
FAGU116	6.1	7.6	P		4		0	0	0	0	1
FAGU116	0.0	19.8	XD?				0	0	0	0	1
FAGU116	19.5	25.2	BR				0	0	0	0	1
FAGU116	0.0	28.9	XD?				0	0	0	0	1
FAGU116	36.7	38.3	G				0	0	5	180	1
FAGU116	38.3	38.7	XQ				0	0	0	0	1
FAGU116	40.0	40.5	GB				0	0	0	0	1
FAGU116	36.7	41.4	BG				0	0	0	0	1
FAGU116	41.3	41.4	XQ				0	0	0	0	1
FAGU116	47.2	48.6	NNN				0	0	0	0	1
FAGU116	64.1	65.8	XQ				0	0	20	180	1

21NOV83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 20

DDH: FAGU116 UTM-N: 905,098.8 UTM-E: 592,315.4 UTM-ELEV: 1,125.8 TOTAL DEPTH: 68.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU116 1 1

DIAMOND DRILL CORE LOG

Date: July 16 / 81

Hole Number: 76-U-116

Reference Fabric Orientation Diagram:

Project: GRUM RE-LOG

Location: VANGORDA PLATEAU (10SK-6)

Claim: _____

UTM Terr. Plane Co-ords.: 6905098.8 N

592315.4 E

Grid Co-ords: 76 100W.

6 + 8.2 N

Elevation: 1125.9 m. 3 rounding

Total Depth: 68.6 m

Purpose: _____

Reason hole Terminated: _____

Logged by: [Signature]

Date(s) Logged: July 13-16/81

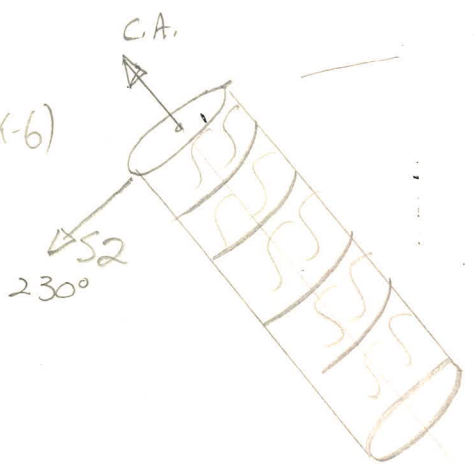
Drilling Contractor: Cameron & McCutcheon

Size	CORE From	To	Collar Cased and Capped: _____
<u>BQ</u>	<u>collar</u>	<u>LOH.</u>	

Hole Cemented: _____

Steel down hole: _____

Started: June 15 / 76 Completed: June 16 / 76



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Cyprus Anvil Mining Corp.

Page 2 of 7

DDH FA.G.U.1.1.6
 2 8

Diamond Drill Core Log

Date: July 16/81 Logged By: PST

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	FA.G.U.1.1.6	1125.9				90598.85				92315.4				Metres	S2

8 rounding

*225.1
for True North*

Code	Drillhole	Depth				Zenith Angle	True Azimuth				Comments			
1	2	8	10	14	22	26	28	32	34	40	42	48	56	
R	FA.G.U.1.1.6				45	223.5				A.T. COLLAR				

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions																								
1	2	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56

Core	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	19		1	4A, 14	(4A*) narrow calcareous interbeds of 4A bx at 1.9m (core missing)
L	19	33		2	4K, 4	Clots and laminae of dolomitic material ground core at 3m, 4CK 2m at 2.8-3m.
L	33	43		3	5A, 6	(4L3) 4L3 for 0.2m in middle of section
L	43	52		4	4E, 4, 16	* Granite all xstals in fracture 4.3m, possibly barite calcite present. fizzes on scratching. Generally 4E appearance however. Ground core at 4.3m
L	52	74		5	5A, 6, 9	pyrite in fractures. Bx, ground core at start of section. Transitional to 4L at bottom of section 6.1-7.6m only 0.6m core.
L	74	92		6	4L, 9	
L	92	106		7	4D, 4, 10	Narrow intervals with sericite.
L	106	112		8	4A, 1, 4	
L	112	134		9	4L, 2	(4L0) pyrite as narrow laminae.
L	134	169		10	5A, 6, 2	(5A3) narrow 5A3 bands 13.8-14.1, 15.4
L	169	178		11	4, 4, 1	(5A6) narrow 1m interbands of 5A6 near top and bottom of section
L	178	190		12	5A, 6	(4A, 10)
L	190	259		13	4A, 1, 4	Except for top 0.5m and bottom 0.7m of section core is ground up. bx at 19.8m 28.9.
L	259	274		14	4, 4, 1, 4	
L	274	281		15	4L, 7	py in narrow laminae c minor sph, gn, py
L	281	300		16	4L, 0	(000) qtz veins at 29.0m
L	300	337		17	5B, 4, 6	This rock is transitional to 4L0, qtz veins @ 30.9
L	337	353		18	4L, 0	
L	353	367		19	5D, 4, *	[4L5] ankeritic, buff colored, generally massive f.g textured rock with dark speckled laminae in narrow zones.
L	367	414		20	4L, 3	(4L0, 000) Broken and ganged zone. gange // to c.a 36.7-38.3, bx-qtz veins 38.2-38.7 gange 37.5, gange broken core 40-40.5 bx-qtz vein 41.3-41.4

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	41	44		43	46				21	5B46		
L	43	46		45	44				22	4L5	omkentic. From 44.1 - 45.4 minor fuchsite present as laminae possibly 5D4x.	
L	45	47		46	45				23	4L14	Possibly This was pr originally 4A4 sericite and minor graphite laminations (Poss 4C 46.1-46.5)	
L	46	45		47	42				24	4L14	(4D4) same as previous unit 23 except narrow lens of 4D4.	
L	47	42		48	46				25		Core missing: Taken by CAME Jan. 79	
L	48	46		49	42				26	4L14	same as unit 23	
L	49	42		50	41				27	4L35	[5C4x] (4L14) Essentially buff-tan typical 5D4x rock with fuchsite, 0.2m 4L14 in centre of section. Fuchsite more dominant near end of section.	
L	50	41		50	48				28	4D4	minor sericite laminae.	
L	50	48		53	40				29	4A14	(4L14) 4L14 cf unit 23 at end of section over 0.6m probably originally 4A	
L	53	40		53	46				30	4L5	cf. unit 27. fuchsite present transition to 4L1 at lower 0.2m. [5D4x]	
L	53	46		58	44				31	4L14	(4L3) latter 4L3 at end of section over 0.5m.	
L	58	44		62	46				32	4A4	typical 4A.	
L	62	46		63	42				33	4J14	Dark brown base metal rich with silica as clots. Possibly core of this section ground.	
L	63	42		64	43				34	5A3	Ground core at start of section. Calcite veined & bx over end 0.2m of section.	
L	64	43		67	46				35	5B43	Calcite veined weakly fractured over first 1.5m of section.	
L	67	46		68	46				36	4L3	[5B43] End of Hole	

Structural Log

Code	From				To				Feature	SYM	S ₀		S ₁		S ₂		Description	
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.		
S	1	2		11	2				R						65	230		
S				3	6													55° to core no S ₂ contact.
S				7	6				CS ₂ Z						60			
S				9	1				PS ₂						65			
S				13	7				CS ₂ S						52			
S				15	2				CS ₂ Z						55			
\$	18	2		19	8				CS ₂ M									M region S ₂ is sub horizontal. ⊥ core axis!
S				25	0				PS ₂						65			Developed in 4A
S				29	0				CS ₂ S						60			
S				31	5				PS ₂	5.0	0.90				60			Contact
\$				37	0							0.5	1.80					Fault
S				37	0				PS ₂						35			
S				43	0				CS ₂ Z									This is a Z region going into minor folds down section
S				54	9				PS ₂						50			S ₂ Developed on sericite sulphide bandy.
S				59	7				PS ₂						50			
S				64	2							2.0	4.80					Breccia zone in PS ₂ region. Fractures some of which are healed by calcite fractures post D ₂
S				66	5				CS ₂ Z						55			

ASSAY LOG (SAMPLER'S COPY)

Date July 16/81

Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	1	10	14	16	20	22	26	28	30	32	34	36	
P		100			119	7577			119	13		4A14	4A4*
P		19			133	7578			114	09		4A14	
P		33			143	7579			100	08		5A6	(4L3)
P		43			152	7580			109	09		4E46*	
P		92			106	7581			114	14		4D4 ⁰	
P		106			112	7582			106	06		4A14	
P		190			121	7583			123	17		4A14	
P		213			122	7584			116	15		4A14 ⁰	
P		229			124	7585			115	14		4A14	
P		244			125	7586			119	14		4A14	
P		259			127	7587			115	10		4L14	
P		454			147	7588			118	18		4A14 ^L	(4D4)
P		486			149	7589			106	06		4L14	
P		501			151	7590			117	15		4A14	(4A14) 4AC
P		518			153	7591			112	11		4A14	(4L14)
P		536			155	7592			120	17		4L14	
P		556			157	7593			118	13		4L14	
P		574			158	7594			110	06		4L14	
P		584			161	7595			126	26		4A4	
P		610			162	7596			116	16		4A4	
P		626			163	7597			106	06		4J14	

x

Meters

Fault

DDH FAGULLIG
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: 3 Nov/83 Logged By: _____

Code	From		To		Feature	Sym	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
F				19	XI									bxw @ 1.9m
F				52	XI									bxw & ground core
F		161		76	P	4								40% core recovery
F		1/95		252	BR									core ground up
F				199	XI									bxw
F				289	XI									bxw
F		1367		414	BIG									broken & gouged zone
F		1367		1383	GI				015	1810				gouge // c.a.
F		1383		1387	XIQ									bxw & gte veins
F		1400		1405	GB									gouge & broken core
F		1413		1414	XIQ									bxw & gte veins
F		1472		1486	NNN									No core - sampled CAMC Jan 79
F		1641		1658	XIQ				210	1810				caliche crackle bxw

DDH F.A.G.U. 116
2 8

Cyprus Anvil Mining Corp.

Page 7 of 7

Research Samples

Date: July 13/81

Sampled By: PST

Code	From	To	No.	Unit	Purpose
I	10 14 16	20 22 24 26	30		
H	35 7		1	SD4*	[415] Bulk rock geochemistry. No visible fuchsite.

DIAMOND DRILL RECORD

LOGGED BY JOCK HOWARD/ALEXANDER YOUNG-PO

D.D.H. No 76-U-116 PAGE 1

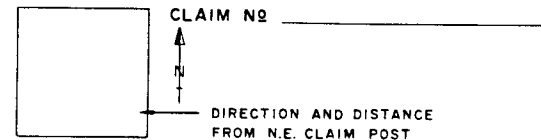
PROPERTY GRUM JOINT VENTURE (VANGORDA-GRUM)

LATITUDE 10,891.825N 6N+8.2mNE STARTED JUNE 15, 1976

DEPARTURE 7,625.101E 76W COMPLETED JUNE 16, 1976

ELEVATION 1136.460M PROPOSED DEPTH _____
ULTIMATE DEPTH 68.6

MOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	225°-03'	+44°-52'



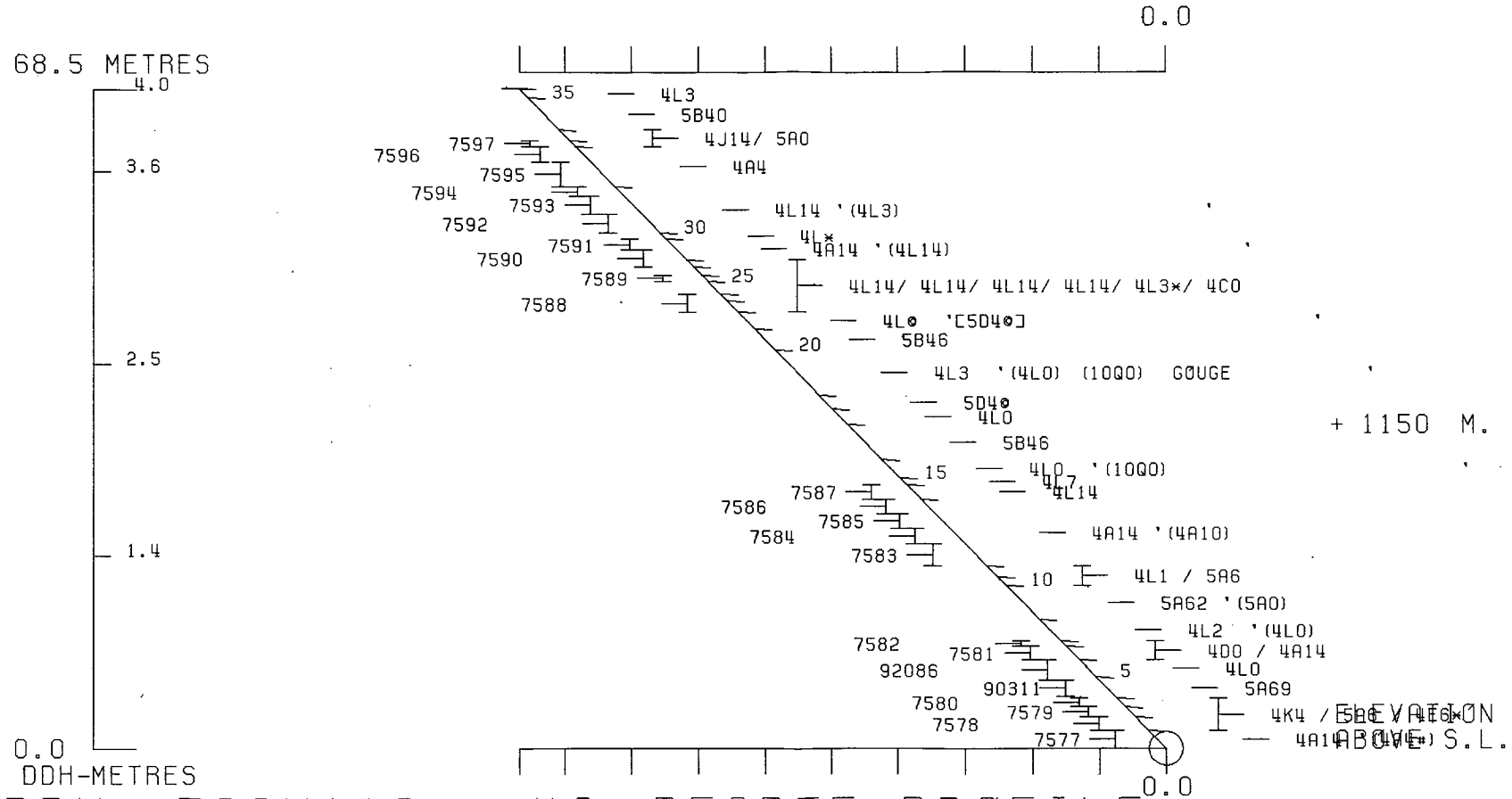
TOTAL CORE RECOVERY: 69.9%

Interval		DESCRIPTION	Py Pz	Recovery	Sample No	Interval		Sample Length	Assay					Assay k		
From	To					From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
0	3.2	QUARTZ SULPHIDES (P).	24 18	0.8	3426	0	1.5	1.5	5.46	10.31	91.89			8.19	15.465	137.84
		Massive bands and thin Pz laminae in a phyllite	25 17	1.1	3427	1.5	3.2	1.7	2.28	4.36	47.31			3.876	7.412	80.427
		matrix. F =75°. Competent but broken. Banding shows no			W.Av.	0	3.2	3.2	3.77	7.15	68.21			12.066	22.877	218.26
		regular angle. At 1.7, slickenslides = 50°.														
3.2	4.1	BLEACHED AND GRAPHITE PHYLLITE (Sbc).	2 1	0.5	3428	3.2	4.1	0.9	0.18	0.33	6.17			0.51	PbZn	
		Graphitic phyllite with .2m centre section of bleached phyll.														
		F =40°. Core is incompetent.														
4.1	5.4	QUARTZ SULPHIDES (P).	50 4	0.9	3429	4.1	5.4	1.3	0.45	0.75	18.17			1.20	PbZn	
		As per 0-3.2.														
5.4	7.1	QUARTZ SERICITE PHYLLITE (S).	Tr.Tr.	0.8	3430	5.4	7.1	1.7	0.02	0.05	1.03			0.07	PbZn	
		Medium gray, F =55°, F parallel to core but contorted.														
		Moderately competent.														
7.1	9.2	WHITE PHYLLITE (Ss).	Tr.Tr.	1.4	3431	7.1	9.2	2.1	0.01	0.08	Trace			0.09	PbZn	
		Pale yellow gray, F =55°, No F. Competent.				3.2	9.2	6.0	0.39	PbZn						

LOGGED BY _____

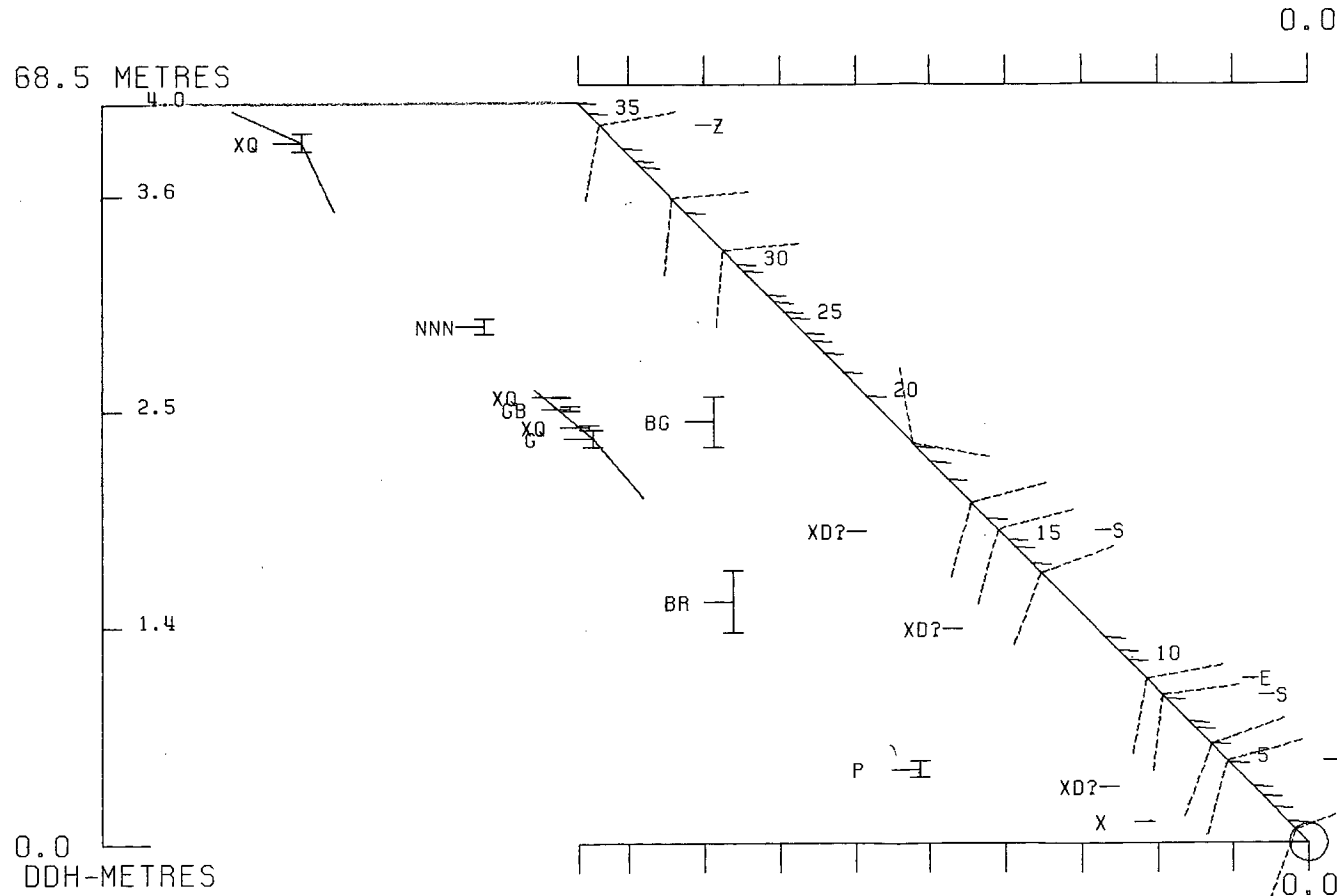
D.D.H. No 76-U-116 PAGE 3

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
					F decreases to nose at 35.8 and increases to 35° at 37.4. 2 Several thin laminae of PZ @ 35.9.												
37.4	43.9	QUARTZ SERICITE PHYLLITE (S). Medium to dark gray, F variable but generally 65°. 50% of 2 core is competent, har; 50% broken and crumbly. Bx @ 38.4, gouge or mud @ 40.5m. Introduction of F sulphides (parallel 1 to core) @ 43.3	5.2/6.5														
		5 3	1.5	3437	43.4	45.0	1.6	0.13	0.23	3.09							
43.9	45.0	BLEACHED PHYLLITE (Sbm). Yellow, green, pale gray, variably. F =60°. Competent. 2	0.9/1.1	W.Av.	45.0	50.3	5.3	3.88	7.21	57.65			20.598	38.219	305.555		
				W.Av.	45.0	48.8	3.8	4.2	7.49	60.11			15.948	28.454	288.41		
45.0	64.0	QUARTZ SULPHIDES (P). Competent. Trace of graphite. 30 8 Foliation=85-90°. Short intervals of bleached phyll. 30 12 @ 49.9-50.3; 53-53.3; 57.9-58.3	1.9	3438	45.0	47.2	2.2	4.50	7.69	63.43			9.9	16.918	139.55		
		20 6	1.5	3440	48.8	50.3	1.5	3.10	6.51	51.43			4.65	9.765	77.145		
		25 8	1.2	3441	50.3	51.8	1.5	0.73	1.38	15.09			1.095	2.07	22.635		
		59.4-60.5: Broken core ave: 1-2cm Ø. No gouge present.	1.2	3442	51.8	53.3	1.5	2.00	4.25	27.43			3.00	6.375	41.145		
		25 7	1.2	3443	53.3	54.9	1.6	1.75	2.33	27.43			2.8	3.728	43.888		
		64.0: Abrupt change to Calcitic sericite phyllite (SK) Contact broken ground.	1.3	3444	54.9	56.4	1.5	1.25	1.83	14.06			1.875	2.745	21.09		
		20 4	0.5	3445	56.4	57.9	1.5	2.68	1.80	25.37			4.02	2.70	38.055		



DDH: FAGU116 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)

ELEV:1126 592315E ; 905099N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 585.1 Z = 1125.9
 SECTION NAME: 76W



+ 1150 M.

-P ELEVATION ABOVE S.L.

DDH: FAGU116 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1126 592315E ; 905099N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 585.1 Z = 1125.9

SECTION NAME: 76W

DRILL HOLE : FAGU118
NORTHING : 905,099.7
EASTING : 592,316.8
ELEVATION : 1,127.6
TOTAL DEPTH : 76.2
SECTION : W 76
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: 36
NOS DOWN-H-STRUCTURE: 17
NOS DOWN-H-FAULTS: 22
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

21NOV83 GRUM

ORE SAMPLES & ASSAYS (DHC20)

PAGE: 8

DDH: FAGU118 UTM-N: 905,099.7 UTM-E: 592,316.8 UTM-ELEV: 1,127.6 TOTAL DEPTH: 76.2 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT. REC.	ROCK UNIT	S.G. PULP	ASSAYS												
FROM	TO					CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %
.0	1.5	07598	1.5	.5	4H0	3.43	.05	.42	1.04	17.00								
1.5	2.9	07599	1.4	1.2	4AD4	3.43	.02	5.59	10.69	93.00	1.03	3	8	11				
2.9	4.1	07600	1.2	1.2	4E4#	4.04	.02	2.29	6.79	51.00	1.35	3	27	30				
4.1	6.1	07601	2.0	1.8	4KDL	3.49	.01	2.39	6.09	42.00	1.03	3	12	15				
6.1	8.7	07602	2.6	2.6	4KD	3.56	.05	5.50	12.40	127.99	1.51	3	11	14				
8.7	10.6	07603	1.9	1.1	4K4	4.30	.11	10.09	19.60	249.99	2.25	1	17	18				
13.7	14.3	07604	.6	.6	4L04	3.12	.02	3.49	4.59	59.99	.81	4	4	8				
14.3	16.6	07605	2.3	2.1	4K4	3.79	.01	4.40	9.69	90.00	1.30	3	17	20				
21.3	23.3	07606	2.0	1.5	4A0	3.41	.05	1.20	3.29	29.99	1.37	1	17	18				
23.3	25.1	07607	1.8	1.5	4A4	3.37	.05	2.39	5.50	44.00	1.23	1	15	16				
25.1	25.5	07608	.4	.4	4D4	3.83	.17	6.20	7.99	117.99	1.37	1	20	21				
25.5	28.0	07609	2.5	2.0	4A4	3.49	.08	6.59	13.59	117.99	1.78	2	9	12				
28.0	30.0	07610	2.0	1.5	4L14	3.14	.05	1.99	2.50	36.00	.95	2	10	12				
30.0	31.5	07611	1.5	1.3	4L1	4L1	.17	.14	.54	7.99								
39.6	41.1	07612	1.5	1.3	4L4	3.18	.08	4.29	7.90	66.00	1.37	1	8	9				
41.1	42.6	07613	1.5	1.0	4L4	2.48	.08	3.79	8.50	57.99	1.10	1	2	4				
42.6	44.1	07614	1.5	1.3	4A0	3.35	.19	.94	1.87	23.00	1.23	1	19	20				
44.1	46.1	07615	2.0	1.5	4L4	3.02	.08	1.70	3.89	38.00	.95	1	5	7				
46.1	48.1	07616	2.0	1.6	4L4	3.04	.07	1.05	2.89	23.00	1.16	1	7	9				
48.1	50.1	07617	2.0	2.0	4L4	3.02	.04	3.39	3.49	45.00	1.43	1	5	6				
50.1	52.0	07618	1.9	1.6	4L4	2.91	.08	1.56	2.79	26.00	.95		4	5				
52.0	53.9	07619	1.9	1.9	4L4	2.89	.04	1.65	1.64	26.00	.81	1	3	4				
53.9	55.4	07620	1.5	1.5	4A0	3.29	.14	1.28	2.70	30.99	1.51	1	14	16				
55.4	56.5	07621	1.1	.8	4D46	3.02	.19	6.79	14.30	116.99	1.78	2	14	17				
WEIGHTED AVERAGE																		
.0	10.6		10.6	8.4		3.21	.04	4.67	10.03	104.59	1.31	2	12	14				
13.7	16.6		2.9	2.7		3.66	.01	4.21	8.64	83.79	1.20	3	14	17				
21.3	31.5		10.2	8.2		2.89	.08	2.93	5.83	55.43	1.16	1	11	12				
39.6	56.5		16.9	14.5		3.01	.09	2.44	4.51	41.80	1.20	1	7	9				

21NOV83 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 9

DDH: FAGU118 UTM-N: 905,099.7 UTM-E: 592,316.8 UTM-ELEV: 1,127.6 TOTAL DEPTH: 76.2 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	15.500	248.400

21NOV83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 10

DDH: FAGU118 UTM-N: 905,099.7 UTM-E: 592,316.8 UTM-ELEV: 1,127.6 TOTAL DEPTH: 76.2 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.2	0001	4A0		0.5-	1
1.5	0002	4HC	[4C7*?]	0.5-	1
2.0	0003	4A4		0.5-	1
2.9	0004	4D4	(4K4)T.O.I. 80:20	0.5-	1
4.1	0005	4E4#	\$	0.5-	1
4.5	0006	4L43	[5C4*]	0.5-	1
8.7	0007	4D4	(4K0)(4A0)(4L0) BXA?	0.5-	1
10.6	0008	4K4	#	0.5-	1
13.7	0009	5A6		0.5-	1
14.3	0010	4L4		0.5-	1
16.6	0011	4K4	#	0.5-	1
19.8	0012	5A6	(4L0) MINOR @ T.O.I.	0.5-	1
21.3	0013	5B62		0.5-	1
23.6	0014	4A0		0.5-	1
25.1	0015	4A4	BXA	0.5-	1
25.5	0016	4D4		0.5-	1
28.0	0017	4A4	(4L4)	0.5-	1
31.5	0018	4L1	(4L4)	0.5-	1
32.0	0019	5D4\$		0.5-	1
34.3	0020	4LC		0.5-	1
35.0	0021	5D4\$		0.5-	1
36.3	0022	4LC	(4L2)	0.5-	1
37.5	0023	5B62	8\$	0.5-	1
39.6	0024	5A6	(4L#)	0.5-	1
41.1	0025	4L4	(5A0) (4H4)	0.5-	1
42.6	0026	4L4		0.5-	1
44.1	0027	4A0		0.5-	1
53.9	0028	4L4		0.5-	1
55.4	0029	4A0		0.5-	1
56.5	0030	4D46		0.5-	1
57.9	0031	4L#	-> (5A0)	0.5-	1
60.4	0032	5A0		0.5-	1
64.2	0033	5B4	[4L#]	0.5-	1
68.6	0034	5B38	(10Q0)	0.5-	1
74.8	0035	5B38		0.5-	1
76.2	0036	5B0	GOUGE	0.5-	1

21NOV83 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 11

DDH: FAGU118 UTM-N: 905,099.7 UTM-E: 592,316.8 UTM-ELEV: 1,127.6 TOTAL DEPTH: 76.2 SECTION: W 76
 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
FAGU118	0.0	1.5	PS2		0	0	0	0	50	230	0		1	1	1
FAGU118	0.0	5.3	CS2		0	0	0	0	10	230	0		1	1	1
FAGU118	0.0	10.6	CS2	M	0	0	0	0	70	230	0		1	1	1
FAGU118	0.0	16.8	CS2		0	0	0	0	90	230	0		1	1	1
FAGU118	0.0	25.3			0	0	0	0	55	230	0		1	1	1
FAGU118	0.0	31.8	PS2		0	0	0	0	65	230	0		1	1	1
FAGU118	0.0	36.6	CS2	Z	0	0	0	0	70	230	0		1	1	1
FAGU118	0.0	38.7	CS2	3	0	0	0	0	70	230	0		1	1	1
FAGU118	0.0	43.9	CS2		0	0	0	0	90	230	0		1	1	1
FAGU118	0.0	50.6	PS2		0	0	0	0	60	230	0		1	1	1
FAGU118	0.0	53.9	PS2		0	0	0	0	90	230	0		1	1	1
FAGU118	0.0	56.0	PS2	P	0	0	0	0	55	230	0		1	1	1
FAGU118	0.0	57.9	PS2		0	0	0	0	50	230	0		1	1	1
FAGU118	0.0	61.4	PS2		0	0	0	0	45	230	0		1	1	1
FAGU118	0.0	70.1	PS2		0	0	0	0	60	230	0		1	0	0
FAGU118	0.0	71.4			0	0	0	0	55	230	0		1	1	1
FAGU118	0.0	73.2	PS2		0	0	0	0	65	230	0		1	1	1

21NOV83 GRUM

DOWN-HOLE FAULTS (DH020)

PAGE: 12

DDH: FAGU118 UTM-N: 905,099.7 UTM-E: 592,316.8 UTM-ELEV: 1,127.6 TOTAL DEPTH: 76.2 SECTION: W 76
 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
FAGU118	0.0	1.2	RP		0		0	0	0	1
FAGU118	1.5	2.0	R				0	0	0	1
FAGU118	3.6	3.8	X				0	0	0	1
FAGU118	4.1	4.5	RB				0	0	0	1
FAGU118	4.5	8.7	XD?				0	0	0	1
FAGU118	8.7	10.6	P	5			0	0	0	1
FAGU118	18.3	19.8	PR	0			0	0	0	1
FAGU118	19.8	21.3	P	0			0	0	0	1
FAGU118	21.3	21.6	RP	3			0	0	0	1
FAGU118	0.0	21.9	RX				0	0	0	1
FAGU118	23.6	24.4	RP	3			0	0	0	1
FAGU118	23.6	25.1	X				0	0	0	1
FAGU118	0.0	38.8	B				0	0	0	1
FAGU118	46.8	47.2	X				0	0	0	1
FAGU118	48.8	49.3	R				0	0	0	1
FAGU118	51.8	51.9	R				0	0	0	1
FAGU118	54.6	54.9	X				0	0	0	1
FAGU118	0.0	56.5	G				0	0	0	1
FAGU118	57.9	60.4	XQ				0	99	0	1
FAGU118	62.5	64.0	P	0			0	0	0	1
FAGU118	0.0	71.4	J				0	40	200	1
FAGU118	74.8	76.2	G				0	0	0	1

21NOV83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 13

DDH: FAGU118 UTM-N: 905,099.7 UTM-E: 592,316.8 UTM-ELEV: 1,127.6 TOTAL DEPTH: 76.2 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU118 1 1

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 7
Date: July 16/81

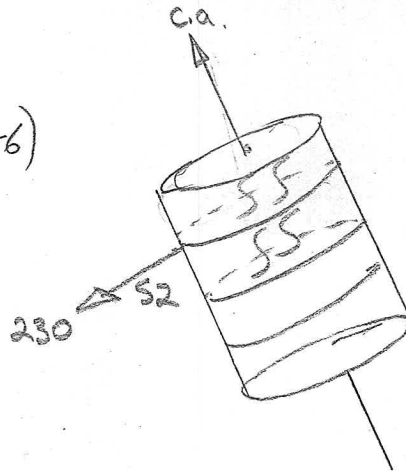
Hole Number: 76-U-118

Reference Fabric Orientation Diagram:

Project: GRUM RE-LOG.

Location: VANGORDA PLATEAU (105K-6)

Claim:



UTM ~~Terr. Plane~~ Co-ords.: 6 905099.7 N

592316.8 E

Grid Co-ords: 76+00 WTN

*conversion of
KA surveyed grid
coords.*

6+29.6 N

All symmetry determinations looking

Elevation: 1127.6

NW with S2 dipping

Total Depth: 76.2 m

SW with dip azimuth 230°.

Purpose: _____

Reason hole Terminated: _____

Logged by: RST

Date(s) Logged: July 13-16/81

Drilling Contractor: Cameron & McCutcheon

Size	<u>CORE</u>	To	Collar Cased and Capped: _____
<u>BQ collar</u>	<u>From</u>	<u>KOH</u>	

Hole Cemented: Cameron & McCutcheon

Steel down hole: _____

Started: June 17/76 Completed: June 19/76

DDH FAGU 118
2 8

Cyprus Anvil Mining Corp.
 Diamond Drill Core Log

Page 2 of 7
 Date: July 16/81 Logged By: RST

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
I	2 8 10 16 17	24 25	32 34 39 41 42			
T	FAGU 118	1127.6	9050.9	9075.9	2316.8	METRES 52

Code	Drillhole	Depth		Zenith Angle		True Azimuth		Comments
		10	14 22	26 28	32 34	56		
R	FAGU 118			5.5	246.8	A.T. COLLAR		

*248.4
 for True North*

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

Code	From	To	Recov.	No.	Unit	Description
L	10 14 16	20 22 24	26 28	30 34 35	1 4A101	Core is ground and most missing however typical 4A.
L	12	15		2	4A10	bronzy po (magnetic) as 1-2mm blebs or stringers in 4C appearing var. CO ₂ blebs present.
L	15	20		3	4A14	typical with sph, gn. 50% of core ground.
L	20	29		4	4D14	(AK4) upper 2m of section has 1cm dolomite fragments similar to 4K.
L	29	41		5	4L4*	Contains calcareous to dolomitic portions which appear to be open space fillings NB bx at 3.6-3.8 m to here CO ₂ .
L	41	45		6	4L43	broken ground section 4L at top of section contains flecks of fuchsite. [5C4*]?
L	45	87		7	4KD	(4A0, 4L). Mixed interbedded section with calcareous-dolomitic veins and clots in bx. in essentially 4D ore type abrupt change to SA over 1m at end of section. The distinct impression of this zone is that it is quite tectonically disrupted. Hence the mixing of large to small bx fragments of differing ore types.
L	87	106		8	4K4i	Essentially competent section with 1.1m core Quite reactive (calcareous) to acid over most of section as clots (1.5mm) and disseminated calcite.
L	106	137		9	5A6	Laminated carbonaceous & siliceous material becoming essentially carbonaceous over last 0.6m of section.
L	137	143		10	4L54	Buff colored amebitic with bn. sulphides as bands and calcite vein at bottom of section. Minor fuchsite present.
L	143	166		11	4K4	Disseminated calcite and clots > 2cm. Also occasional clots of silica.
L	166	198		12	5A6	(4L0) 0.1m 4L at top of section otherwise SA with thin laminae of siliceous material and minor pyrite bands. Core missing ground 18.3-19.8 (only 0.1m core)

8.7
11
8

DDH FACU118

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8

Cyprus Anvil Mining Corp.

Page

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of

7

Lithologic Log

Date: July 13/81Logged By: PST

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L		19	8		21	3		0	1	13	5B, 62	Only 2 pieces of core for this section. 1m.
L		21	3		23	6				14	4A, 0	Typical 4A ground core 21.3-21.6 (0.4) 21.9, bx in this latter interval also.
L		23	6		25	1				15	4A, 04	Bx. Ground core 23.6-24.4 (0.3m rec). Bx with rolled and rounded fragments to < 1cm.
L		25	1		25	5				16	4D, 4	Contact with unit 15 at vein.
L		25	5		28	0				17	4A, 4	(4L4) 4L4 as narrow lenses at bottom 0.6 m of section
L		28	0		31	5				18	4L, 1	(4L4) Siliceous 4L with minor lenses of 4L4
L		31	5		32	0				19	5D, 4*	light grey - buff coloured dolomitic with dark wisps - amygdulose?
L		32	0		34	3				20	4L, 0	
L		34	3		35	0				21	5D, 4*	Light grey dolomitic rock with dolomite clots (amygdulose?) texture similar to unit 19
L		35	0		36	3				22	4L, 0	(4L2)
L		36	3		37	5				23	5B, 62	Minor dolomitic laminations in section.
L		37	5		39	6				24	5A, 6	(4L5) Minor calcareous 4L at start & middle of section. Bx 38.8
L		39	6		41	1				25	4L, 4	(5A, 4H4) 5A over 0.2m at start of section and 4H4 over 0.2m at end of section
L		41	1		42	6				26	4L, 04	fuchsite at 41.1-41.2 m
L		42	6		44	7				27	4A, 40	
L		44	7		53	9				28	4L, 4	Bx with fuchsite 46.8-47.2, ground core 48.8-49.3, 51.8-51.9, fuchsite 53.9 abrupt contact with next unit
L		53	9		55	4				29	4A, 0	Bxtd, vuggy core at 54.6-54.9 m.
L		55	4		56	5				30	4D, 4b	B. Minor bomb blebs in essentially 4D.
L		56	5		57	9				31	4L, 5	(5A) Gorge Zone 4L5 at top. 5A at bottom calcareous veined.
L		57	9		60	4				32	5A, 3	Calcite veined fractured. Abrupt contact with next unit.
L		60	4		64	2				33	5B, 4	[4L5] Altered 5B0 62.5-64 m (1m core)
L		64	2		68	6				34	5B, 38	(000) Qtz veins 64.2, 64.9, 65.5 67.2, 67.7. avg 0.3m length.

DDH FAGUI 18
2 8

Cyprus Anvil Mining Corp.

Page 5 of 7

Lithologic Log

Date: 13/July 81

Logged By: [Signature]

Code	From		To		Recov.	No.		Unit	Description	
	10	14	16	20		22	24			26
L	6.8	6	7.4	8			35	5, B38	5B3 with minor chloritic laminations	
L	7.4	8	7.6	2			36	5, B0.	Gouge Essentially sticky grey gouge 5B0 fragments towards end of section. However all of section calcareous. End of Hole.	

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
S				15	PS ₂							50	230	
S				35										Bx no S ₂ however fracture 20° to core axis
S			3	53	CS ₂				75	20	10			axial line of D ₂ minor fold (S ₁ measurement column)
S				106	CS ₂ M							70		SA core piece as M region are on either side show some similarity
S				168	CS ₂ H									
S				253		R						55		
S				318	PS ₂							65		
S				366	CS ₂ Z							70		Very fine microlithons preserved close to PS ₂
S				387	CS ₂ Z							70		M fold nose
S				439	CS ₂ H									
S				506	PS ₂							60		
S				539	PS ₂ H									Fracture zone in area of horizontal S ₂ , 20° to CA.
S				560	R							55		
S				579	PS ₂							50		Breccia fracture zone sub// to S ₂
S				625	PS ₂									S ₂ is folded about axis of core →
S				614	PS ₂							45		
S				701	PS ₂							60		
S				714					40	200	55			Fracture (S ₁ column) prob. // to fault zone.
S				732	PS ₂							65		Contacts between rock units in this hole are abrupt & broken. or essentially // to S ₂

axial line 75°/20°

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
P	00	00	15	15	7,598	15	105	14H10			(4A0) Only 1 m 4A0 in sample		
P	15	15	29	29	7,599	14	112	4A4			4D4		
P	29	29	41	41	7,600	12	112	4A4 #4					
P	41	41	61	61	7,601	20	118	4KDL					
P	61	61	87	87	7,602	26	126	4KD			4L43		
P	87	87	106	106	7,603	19	111	4K4					
P	137	137	143	143	7,604	06	106	4L54					
P	143	143	166	166	7,605	23	121	4K4					
P	213	213	233	233	7,606	20	115	4A0					
P	233	233	251	251	7,607	18	115	4A0 #4					
P	251	251	255	255	7,608	04	104	4D4					
P	255	255	280	280	7,609	25	120	4A4					
P	280	280	300	300	7,610	20	115	4L1			(4L4)		
P	300	300	315	315	7,611	15	113	4L1			(4L4)		
P	396	396	411	411	7,612	15	113	4L4			(SA, 4H4) 4A4		
P	411	411	426	426	7,613	15	110	4L4			(SA, 4H4) 4A4		
P	426	426	441	441	7,614	15	113	4A4					
P	441	441	461	461	7,615	20	115	4L4					
P	461	461	481	481	7,616	20	116	4L4					
P	481	481	501	501	7,617	20	120	4L4					
P	501	501	520	520	7,618	19	116	4L4					
P	520	520	539	539	7,619	19	119	4L4					
P	539	539	554	554	7,620	15	115	4A0					
P	554	554	565	565	7,621	11	108	4D46					

Meters

Fauct

DDH FAGULL 8
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: 3 Nov / 83 Logged By: _____

Code	From				To				Feature	E S	S ₀				S ₁				S ₂				Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	Dip	Direct.	Dip	Direct.			
F	100			12	RIP	0														8% recovery, core ground & most missing			
F	115			12	OR															50% of core ground			
F	136			13	XI															bxa / fracture 20° C.A.			
F	141			14	RIB															broken ground section			
F	145			18	XI															mixed, interbedded w/ calcareous-dolomitic veins & clots in box			
																				impression of tectonic disruption			
F	187			110	P	5														58% recovery, core competent			
F	1183			119	P/R	0														7% recovery, core ground			
F	1198			121	P	0														7% recovery			
F	1213			121	R/P	3														ground core 33% recovery			
F				121	R/XI															ground core, also bxa			
F	1236			125	XI															bxa w/ rolled & rounded frags to <1cm			
F	1236			124	R/P	3														37% recovery, ground core			
F				138	B															bxa			
F	1468			147	XI															bxa w/ fuchsite			
F	1488			149	R															} ground core			
F	1518			151	R															@ 53.9 fracture 20° to C.A.			
F	1546			154	XI															bxa'ed, raggy core			
F				156	G															gouge zone			
F	1579			160	XI/Q					919	919	919								calcite veined / fractured			
F	1625			164	P	0														7% recovery			
F	1748			176	G															sticky grey gouge / calcareous			
F				171	J					410	210	0								fracture			

DIAMOND DRILL RECORD

 LOGGED BY ALEXANDER YOUNG-PO

 D. D. H. No 76-U-118 PAGE 1

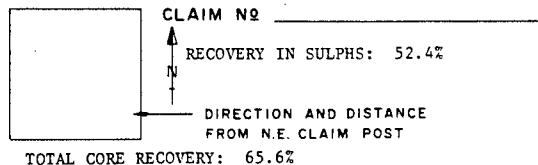
 PROPERTY GRUM JOINT VENTURE

 LATITUDE 10,892.665 6N+29.6mNE STARTED JUNE 17, 1976

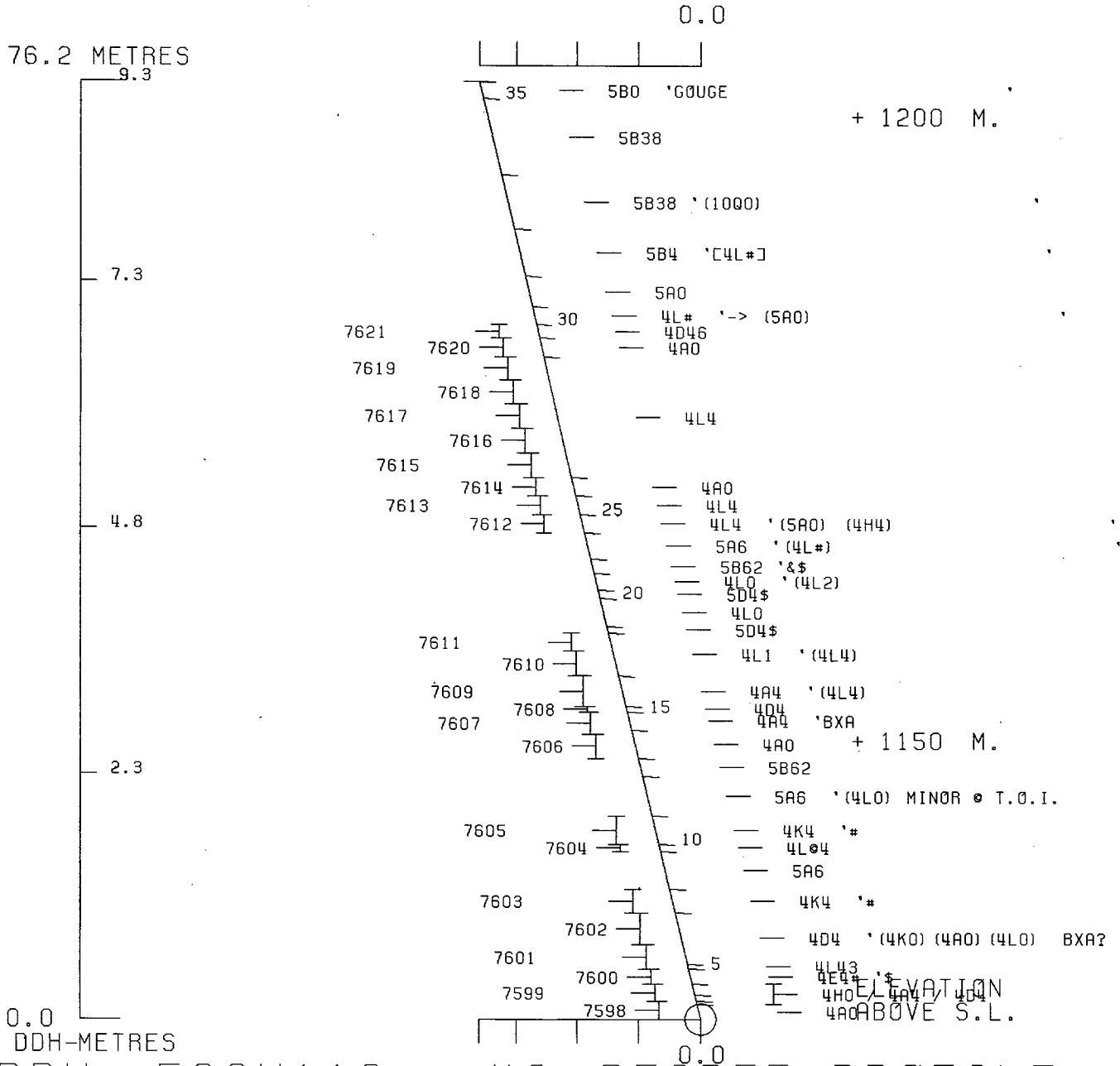
 DEPARTURE 7,626.485 76N COMPLETED JUNE 19, 1976

 ELEVATION 1138.160m PROPOSED DEPTH _____
 ULTIMATE DEPTH 76.2m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	248° 24'	+74° 34'



Interval		DESCRIPTION	Py PZ?	Recovery	Sample No	Interval		Sample Length	Assay					Assay x			
From	To					From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
0	10.7	QUARTZ-SULFIDE (P). Blocky cores ave: 3-4cm long. Varying sulfide/quartz ratio from run to run with some local wide bands of Sph. Foliation=60°. Compositional banding in wide sulfide run=75°. Graphite as very thin laminae.	40 6	0.4	3450	0	1.5	1.5	0.45	1.28	9.94						
			35 15	0.9	3451	1.5	3.0	1.5	5.69	10.20	77.83			8.535	15.3	116.75	
			40 12	1.0	3452	3.0	4.6	1.6	2.08	6.74	38.40			3.328	10.784	61.44	
			40 8	1.0	3453	4.6	6.1	1.5	2.78	6.25	45.26			4.17	9.375	67.89	
			45 10	0.9	3454	6.1	7.6	1.5	5.00	10.71	90.86			7.5	16.065	136.29	
		10.7: Sharp contact with Graphitic Phyllite = 80°.	50 15	1.2	3455	7.6	9.1	1.5	8.40	16.54	168.3			12.6	24.81	252.51	
			65 10	0.6	3456	9.1	10.7	1.6	9.30	18.49	208.8			14.88	29.584	334.08	
10.7	13.7	GRAPHITIC PHYLLITE (G). Broken core ave: = 1-2cm, partly fissile-breaking like poker chips. Foliation=70-75°	35 12	1.4	3457	13.7	15.2	1.5	4.05	9.66	66.51			6.075	14.49	99.765	
		No F noted.	40 10	1.2	3458	15.2	16.8	1.6	3.75	6.15	59.31			6.00	9.84	94.896	
		13.7: Sharp contact with mineralized bleached phyllite (Sb) = 85°.	35 8	0.6	3459	21.3	22.9	1.6	1.45	2.66	27.43						
			35 8	0.5	3460	22.9	24.4	1.5	1.08	4.10	24.34						
13.7	14.2	MINERALIZED BLEACHED PHYLLITE (Sb). Blocky core. Buff colour with laminae of sulfides having varying thickness from 1-3cm. Foliation=85°.	40 15	1.4	3461	24.4	25.9	1.5	6.36	9.65	94.63			9.54	14.475	141.95	
			35 15	1.2	3462	25.9	27.4	1.5	6.40	12.35	100.8			9.6	18.525	151.2	
			20 7	0.5	3463	27.4	29.0	1.6	4.15	4.00	55.54			4.15	4.00	55.54	



DDH: FAGU118 -- 42 DEGREE PROFILE

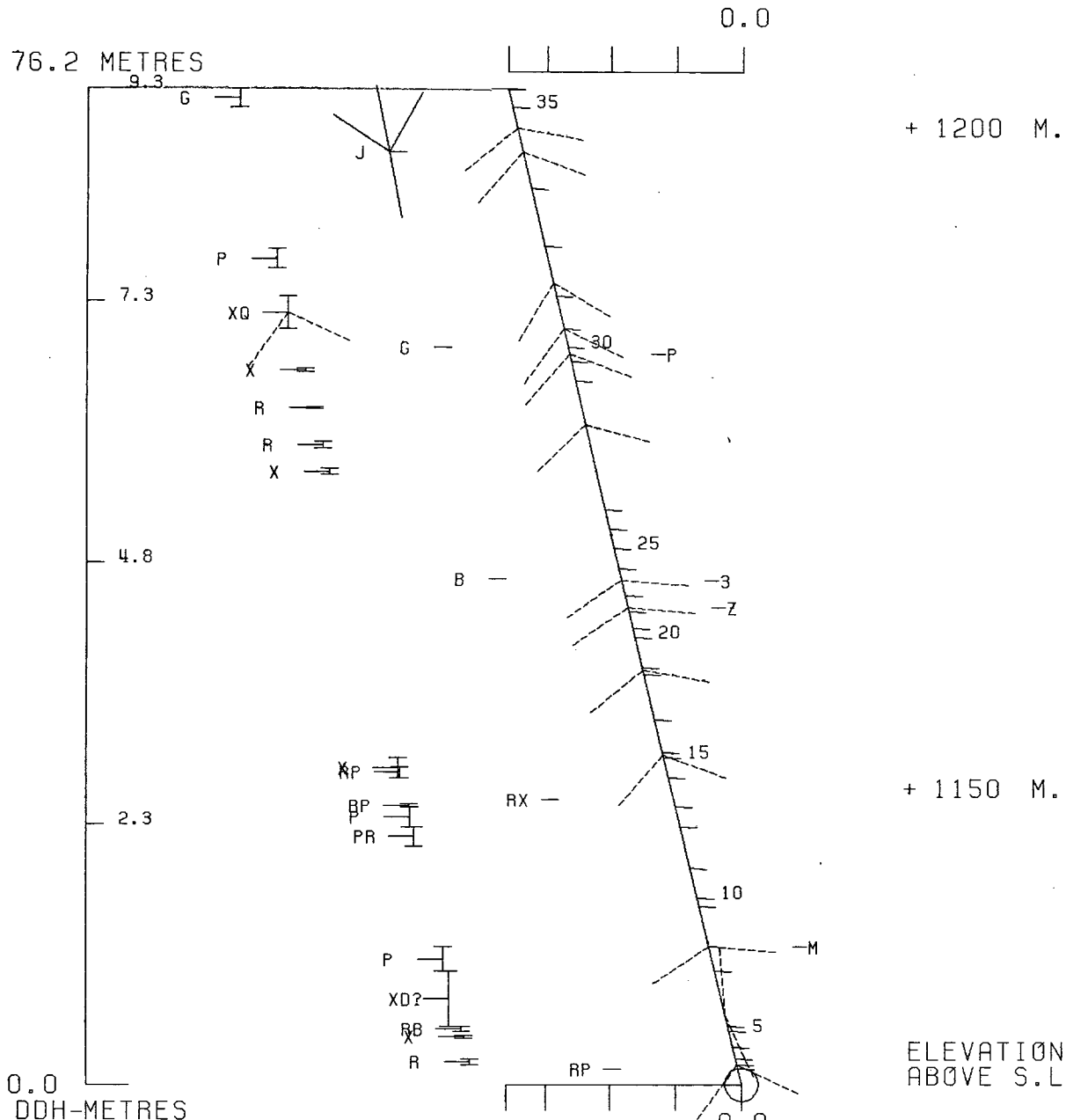
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1128 592317E ; 905100N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 586.7 Z = 1127.6

SECTION NAME: 76W



DDH: FAGU118 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV:1128 592317E ; 905100N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 586.7 Z = 1127.6

SECTION NAME: 76W

DRILL HOLE : FAGU120
NORTHING : 905,102.8
EASTING : 592,318.6
ELEVATION : 1,123.6
TOTAL DEPTH : 61.0
SECTION : W 76
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: 7
NOS DOWN-H-STRUCTURE: 11
NOS DOWN-H-FAULTS: 4
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

25NOV83 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 15

DDH: FAGU120 UTM-N: 905,102.8 UTM-E: 592,318.6 UTM-ELEV: 1,123.6 TOTAL DEPTH: 61.0 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	90.200	40.100

25NOV83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 16

DDH: FAGU120 UTM-N: 905,102.8 UTM-E: 592,318.6 UTM-ELEV: 1,123.6 TOTAL DEPTH: 61.0 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
33.7	0001	5B6	&2	0.5-	1
45.9	0002	5B62	-> 5A6 RUBBLE	0.5-	1
49.2	0003	5C3		0.5-	1
50.4	0004	5A6		0.5-	1
54.9	0005	5C4*		0.5-	1
55.4	0006	5A6		0.5-	1
61.0	0007	5B6	&2	0.5-	1

25NOV83 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 17

DDH: FAGU120 UTM-N: 905,102.8 UTM-E: 592,318.6 UTM-ELEV: 1,123.6 TOTAL DEPTH: 61.0 SECTION: W 76
RFE: S2 RFE DIR: 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
FAGU120	0.0	1.5	CS2	S	0	0	0	0	20	230	C		1	1	1
FAGU120	0.0	7.6	CS2	S	0	0	0	0	22	230	0		1	1	1
FAGU120	0.0	12.2	CS2	Z	0	0	0	0	16	230	C		1	1	1
FAGU120	0.0	17.9	CS2	Z	0	0	0	0	22	230	C		1	1	1
FAGU120	0.0	22.9	CS2	Z	0	0	0	0	10	230	0		1	1	1
FAGU120	0.0	28.8	CS2	Z	0	0	0	0	5	230	C		1	1	1
FAGU120	0.0	34.8	CS2	Z	0	0	0	0	10	230	0		1	1	1
FAGU120	0.0	40.0	CS2	Z	0	0	0	0	35	230	0		1	1	1
FAGU120	0.0	48.2	PS2		0	0	0	0	25	230	0		1	1	1
FAGU120	0.0	53.2	PS2		0	0	0	0	35	230	C		1	1	1
FAGU120	0.0	59.8	CS2	Z	0	0	0	0	38	230	C		1	1	1

25NOV83 GRUM

DOWN-HOLE FAULTS (DH020)

PAGE: 18

DDH: FAGU120 UTM-N: 905,102.8 UTM-E: 592,318.6 UTM-ELEV: 1,123.6 TOTAL DEPTH: 61.0 SECTION: W 76
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
FAGU120	0.0	33.7	B				0	0	0	1
FAGU120	33.7	45.9	RF				0	0	0	1
FAGU120	42.7	45.9	P	2			0	0	0	1
FAGU120	49.2	50.4	P	5			0	0	0	1

25NOV83 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 19

DDH: FAGU120 UTM-N: 905,102.8 UTM-E: 592,318.6 UTM-ELEV: 1,123.6 TOTAL DEPTH: 61.0 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU120 1 1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 5

DIAMOND DRILL CORE LOG

Date: 13, July, 1981

Hole Number: FAGU 120

Reference Fabric Orientation Diagram:

Project: Grum Releg

Location: Orthophoto F-6 (105K-3)

Claim: _____

UTM
Terr. Plane
Co-ords.: 905102.8 N

592318.6 E

Grid
Co-ords: 76+00W

6N+33N

Elevation: 1123.6 M

Total Depth: 61M

Purpose: Definition Drilling

Reason hole
Terminated: _____

Logged by: [Signature]

Date(s) Logged: _____

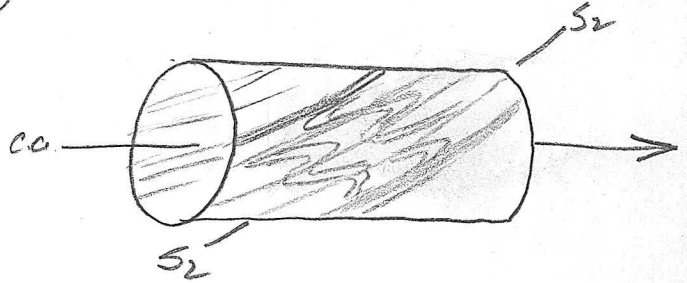
Drilling
Contractor: Cameron McCutcheon

Size	CORE From	To	Collar Cased and Capped: _____
<u>BQ</u>	<u>0</u>	<u>61</u>	
_____	_____	_____	
_____	_____	_____	

Hole
Cemented: _____

Steel down
hole: _____

Started: 19, June 1976 Completed: 20 June 1976



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Conversion of the
Survey Grid coords

Lithologic Log

Date: 13 July 81

Logged By: [Signature]

29 Aug 82
GAT JDS

5B62

5B62
→ 5A61

5D*del

Code	From				To				Recov.				No.	Unit	Description
	10	14	16	20	22	24	26	28	30	34	35				
L		0		337									1	5B62	many short intervals of broken core none look like major fault zones; no gouge present
L		337		459									2	5A61	major zone of rubble lost core 42.7 - 47.2 = 4.5M over which only 1.1M rec'd; no attitudes possible, probable major fault
L		459		492									3	5D3	w/ incipient devel. of fuchsite; fine CaCO ₃ "spots" 1mm in diam.
L		492		504									4	5A61	1.6M rec'd over 1.2M interval, poss. fault zone, no gouge, no attitudes
L		504		549									5	5D4*	excellent example of progressive alteration of 5D to 5D4*; CaCO ₃ mottles & fairly massive texture are preserved partially thru upper portion; fuchsite is progressively developed throughout & lower portion of interval is more pervasively foliated
L		549		554									6	5A61	
L		554		610									7	5B61	occasional 5B62 bands interleaved

DDH FAG.U.120
2 8

Cyprus Anvil Mining Corp.

Structural Log

Date: 13 July 81 Logged By: [Signature]

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				15	CS	ZS					20	2310	S symm. if S ₂ dips SW
S				76	CS	ZS					22	2310	
S				122	ES	ZZ					16	2310	
S				179	CS	ZZ					22	2310	
S				229	CS	ZZ					10	2310	
S				288	CS	ZZ					5	2310	
S				348	CS	ZZ					10	2310	
S				400	CS	ZZ					35	2310	
S				482	PS	Z					25	2310	
S				532	PS	Z					35	2310	
S				598	CS	ZZ					38	2310	

Meters

FAULT

DDH FAU.1.2.0
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

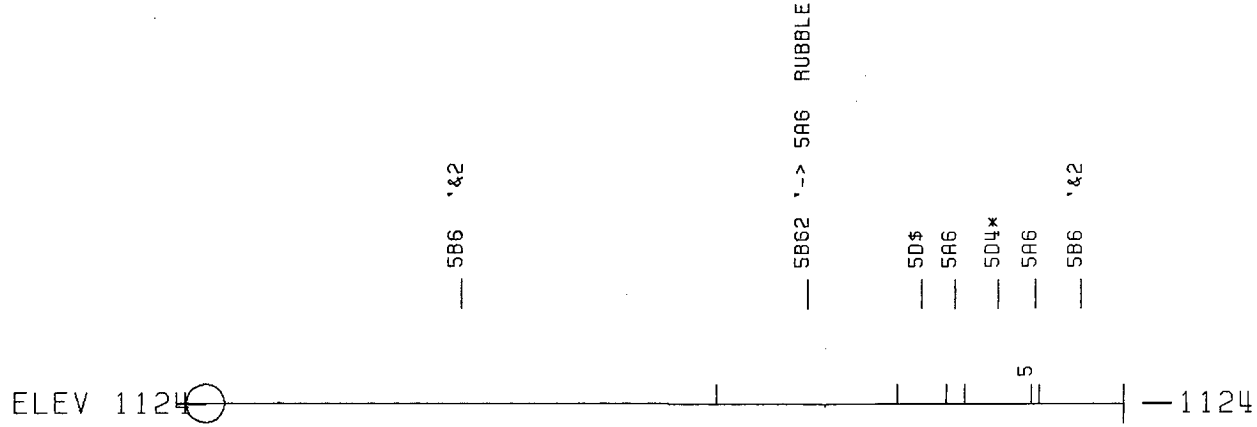
Structural Log

Date: 3 Nov / 83 Logged By: _____

Code	From			To			Feature	S/N	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24			26	28	32	34	38	40	
F	10	0		13	3	7	B								short intervals of broken core no gouge, no major fault zones
F	13	3	7	14	5	9	R/F								major zone of rubble core, no att; lodes
F	14	2	7	14	5	9	P	2							poor recovery \approx 24% recovery or less
F	14	9	2	15	0	4	P	5							50% recovery no gouge

DDH: FAGU120 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1124 592319E ; 905103N
PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
CORRECTED COLLAR POSITION: X = 590.2 Z = 1123.7
SECTION NAME: 76W



* CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 8 NOV 1984 10:44 AM



DDH: FAGU120 -- 42 DEGREE PROFILE

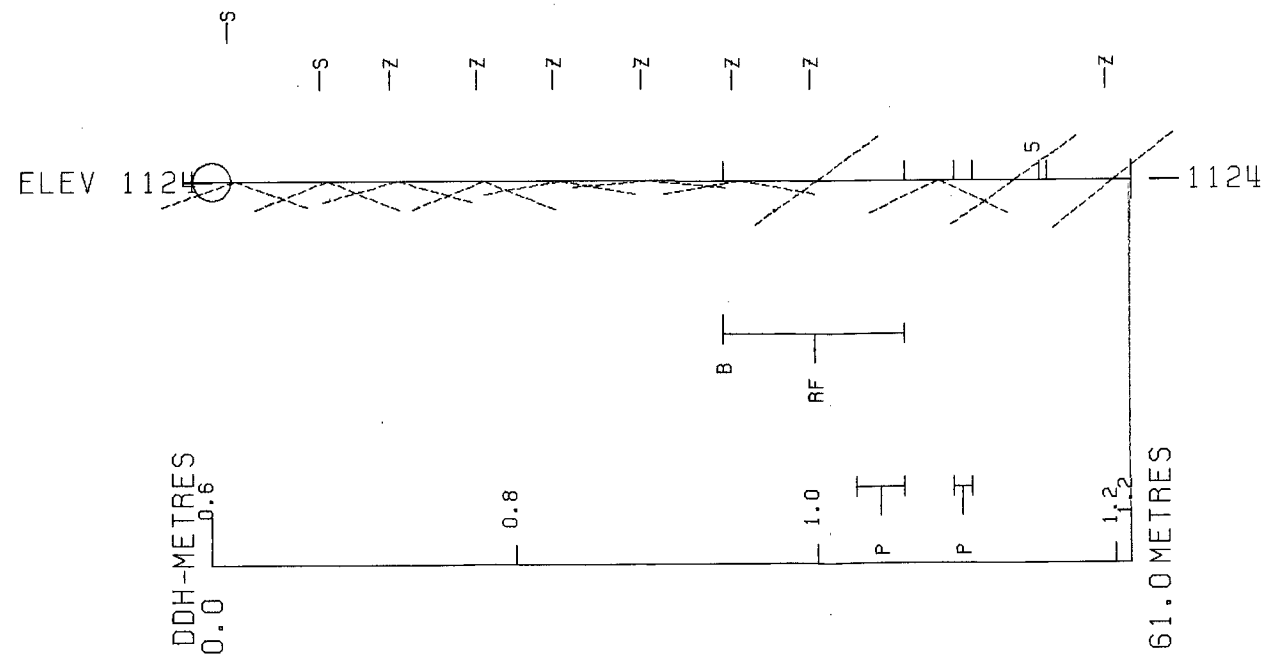
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1124 592319E ; 905103N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 590.2 Z = 1123.7

SECTION NAME: 76W



✳ CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 8 NOV 1984 10:43 AM

FAGU122

DRILL HOLE : FAGU122
NORTHING : 905,102.7
EASTING : 592,318.5
ELEVATION : 1,122.4
TOTAL DEPTH : 91.4
SECTION : W 76
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: 0
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 14
NOS DOWN-H-STRUCTURE: 15
NOS DOWN-H-FAULTS: 8
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

25NOV83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 21

DDH: FAGU122 UTM-N: 905,102.7 UTM-E: 592,318.5 UTM-ELEV: 1,122.4 TOTAL DEPTH: 91.4 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	145.000	44.000

25NOV83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 22

DDH: FAGU122 UTM-N: 905,102.7 UTM-E: 592,318.5 UTM-ELEV: 1,122.4 TOTAL DEPTH: 91.4 SECTION: W 76
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
12.2	0002	5B6		0.5-	1
19.3	0003	4LC		0.5-	1
22.4	0004	5B6		0.5-	1
25.9	0005	4LC		0.5-	1
27.5	0006	5B6		0.5-	1
29.9	0007	5A6	(506 80) 75:25	0.5-	1
31.0	0008	5B62		0.5-	1
34.3	0009	5A6		0.5-	1
37.2	0010	5A0	(500) 70:30	0.5-	1
39.3	0011	500	(5A0) 90:10	0.5-	1
49.7	0012	5A6	(500) 75:25	0.5-	1
60.7	0013	5B6		0.5-	1
91.4	0014	5A6		0.5-	1

25NOV83 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 23

DDH: FAGU122 UTM-N: 905,102.7 UTM-E: 592,318.5 UTM-ELEV: 1,122.4 TOTAL DEPTH: 91.4 SECTION: W 76
 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
FAGU122	0.0	1.5	CS2	S	0	0	0	0	50	230	0		1	1	1
FAGU122	0.0	8.0	PS2		0	0	0	0	65	230	C		1	1	1
FAGU122	0.0	13.8	CS2	S	0	0	0	0	65	230	C		1	1	1
FAGU122	0.0	20.5	PS2		0	0	0	0	70	230	0		1	1	1
FAGU122	0.0	26.5	CS2	M	0	0	0	0	55	230	0		1	1	1
FAGU122	0.0	31.0	CS2	S	0	0	0	0	60	230	0		1	1	1
FAGU122	0.0	36.8	CS2	S	0	0	0	0	70	230	C		1	1	1
FAGU122	0.0	42.5	CS2	S	0	0	0	0	72	230	C		1	1	1
FAGU122	0.0	50.6	CS2	S	0	0	0	0	70	230	0		1	1	1
FAGU122	0.0	57.9	CS2	D	0	0	0	0	77	230	0		1	1	1
FAGU122	0.0	63.6	CS2	S	0	0	0	0	68	230	C		1	1	1
FAGU122	0.0	70.1	CS2	S	0	0	0	0	67	230	C		1	1	1
FAGU122	0.0	76.2	CS2	M	0	0	0	0	73	230	C		1	1	1
FAGU122	0.0	82.0	CS2	Z	0	0	0	0	65	230	C		1	1	1
FAGU122	0.0	88.8	CS2	S	0	0	0	0	60	230	C		1	1	1

25NOV83 GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 24

DDH: FAGU122 UTM-N: 905,102.7 UTM-E: 592,318.5 UTM-ELEV: 1,122.4 TOTAL DEPTH: 91.4 SECTION: W 76
 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	
FAGU122	12.2	13.7	BP		2		0	0	0	0	1
FAGU122	0.0	25.9	G				0	0	0	0	1
FAGU122	27.8	27.9	G				0	0	999	0	1
FAGU122	33.7	34.3	Q				0	0	0	0	1
FAGU122	59.0	59.7	G3				0	0	25	0	1
FAGU122	61.0	62.5	P		5		0	0	0	0	1
FAGU122	63.9	63.1	G				0	0	99	999	1
FAGU122	60.7	63.5	B				0	0	0	0	1

25NOV83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 25

DDH: FAGU122 UTM-N: 905,102.7 UTM-E: 592,318.5 UTM-ELEV: 1,122.4 TOTAL DEPTH: 91.4 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU122 1 1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 08:07:46

DIAMOND DRILL CORE LOG

Date: 10 July, 1981

Hole Number: FAGU122

Reference Fabric Orientation Diagram:

Project: Grum Re-log

Location: F-6 Orthophoto (10SK-6)

Claim: _____

Terr. Plane Co-ords.: 90,5102.7 N

592318.5 E

Grid Co-ords: 76+00W

7+1.7N

Elevation: 1,122.4M

Total Depth: 91.4M

Purpose: Definition Drilling

Reason hole Terminated: _____

Logged by: DSJ

Date(s) Logged: 10 July, 1981

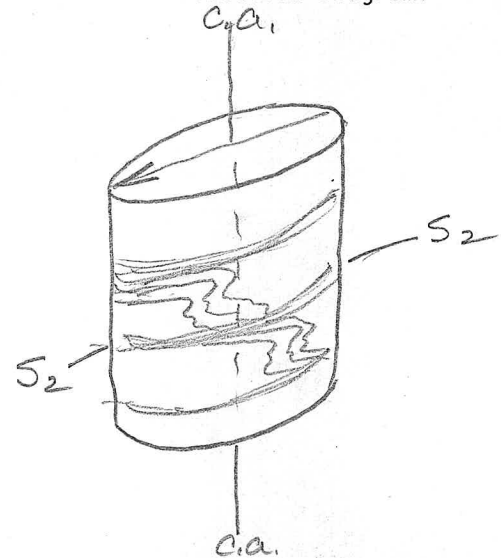
Drilling Contractor: Cameron McCutcheon

Size	CORE From	To	Collar Cased and Capped:
<u>BQ</u>	<u>0</u>	<u>91.4M</u>	<u>NO</u>
_____	_____	_____	_____
_____	_____	_____	_____

Hole Cemented: _____

Steel down hole: _____

Started: 21 June 1976 Completed: 22 June 1976



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

Conversion of
KA survey grid
coordinates

DDH EAG.U.122
 2 Metric 8

Cyprus Anvil Mining Corp.

Page 3 of 4

Lithologic Log

Date: _____ Logged By: DSJ

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	10 14 16 20 22 24 26 28 30 34 35	15		1	#	O/B (underburden?)
L	15	12.2		2	5B6 ₁	
L	12.2	19.3		3	4L0	ground & broken core 12.2-13.7, 0.4M rec'd over this interval, no gouge preserved
L	19.3	22.4		4	5B6 ₁	
L	22.4	25.9		5	4L0	0.1 m gouge @ 25.9M, no attitudes possible
L	25.9	27.5		6	5B6 ₁	
L	27.5	29.9		7	5A6 ₁	w/ 25% 5D6/3 interlayers; gouge ≈ 11S ₂ ?? (artifact?) 27.8-27.9M
L	29.9	31.0		8	5B6 ₁ 2	
L	31.0	34.3		9	5A6 ₁	CGO pod 33.7-34.3M.
L	34.3	37.2		10	5A3	w/ 30% interleaved 5D3
L	37.2	39.3		11	5D3	w/ 10% " 5A3
L	39.3	49.7		12	5A6	w 25% " 5D3
L	49.7	60.7		13	5B6 ₁	gouge & broken core 59.0-59.7; gouge @ 59.1 25° to c.a. w/ same dip direct. on S ₂ only steeper
L	60.7	71.4		14	5A6	broken core 60.7-63.5 w/ no gouge preserved; .8M rec'd 61.0-62.5M; gouge ≈ 11S ₂ 62.9-63.1M.

27.5-9

DDH FAG.U.12.2
 2 8

Cyprus Anvil Mining Corp.

Page 4 of 4

Structural Log

Date: _____ Logged By: DSJ

Code	From			To			Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24			26	28	32	34	38	40	
S				15			CS ₁ 2S						50	230	
S				18			CS ₁ 2S						65	230	
S				138			CS ₁ 2S						65	230	
S				205			CS ₁ 2S						70	230	
S				265			CS ₁ 2M						55	230	
S				131			CS ₂ 2S						60	230	
S				136			CS ₂ 2S						70	230	
S				142			CS ₂ 2S						72	230	
S				150			CS ₂ 2S						70	230	
S				157			CS ₂ 2D						77	230	
S				163			CS ₂ 2S						68	230	
S				170			CS ₂ 2S						67	230	
S				176			CS ₂ 2M						73	230	
S				182			CS ₂ 2Z						65	230	
S				188			CS ₂ 2S						60	230	

Meters

FAULT

DDH FAGU.1.2.2
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: 3 Nov / 83 Logged By: _____

Code	From			To			Feature	S/N	S ₀		S ₁		S ₂		Description	
	10	14	16	20	22	24			26	28	32	34	38	40		44
F	112	2		113	7		BPA	2								ground & broken core 27% recovery / no gauge
F				125	9		G									0.1 m gauge IND
F	127	8		127	9		G			9.9	9.9	9				gauge \approx // S ₂ artifact?
F	133	7		134	3		G									1000 pad
F	159	0		159	7		G	B		215	0	10	10			gauge & broken core
F	160	7		163	5		B									broken core - no gauge
F	161	0		162	5		P	5								53% recovery
F	162	9		163	1		G			9.9	9.9	9				gauge \approx // S ₂

DDH: FAGU122 -- 42 DEGREE PROFILE

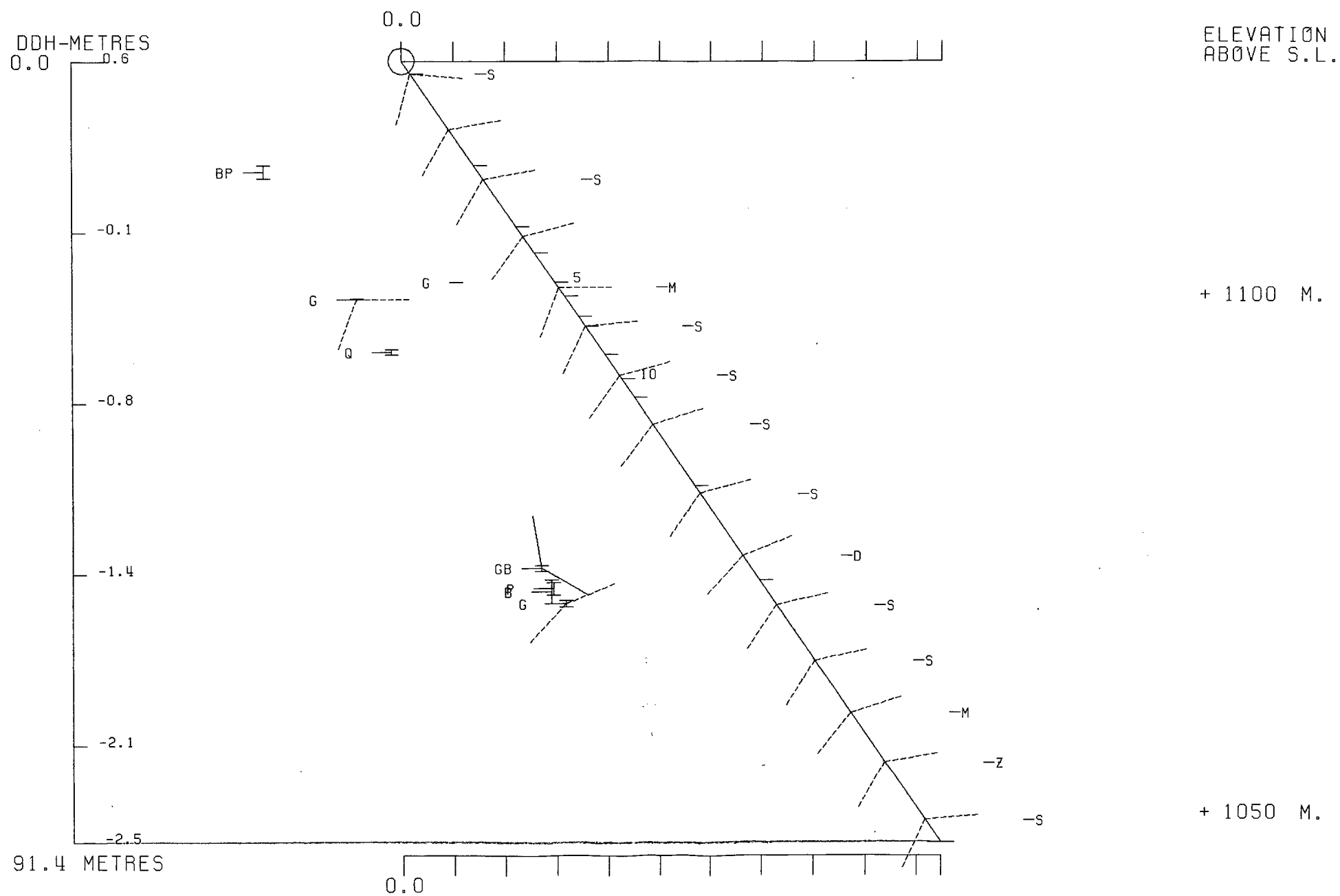
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1122 592319E ; 905103N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 590.0 Z = 1122.5

SECTION NAME: 76W



CYPRUS ANVIL MINING CORPORATION
PROGRAM: DH161 8 NOV 1984 10:45 AM

DDH: FAGU122 -- 42 DEGREE PROFILE

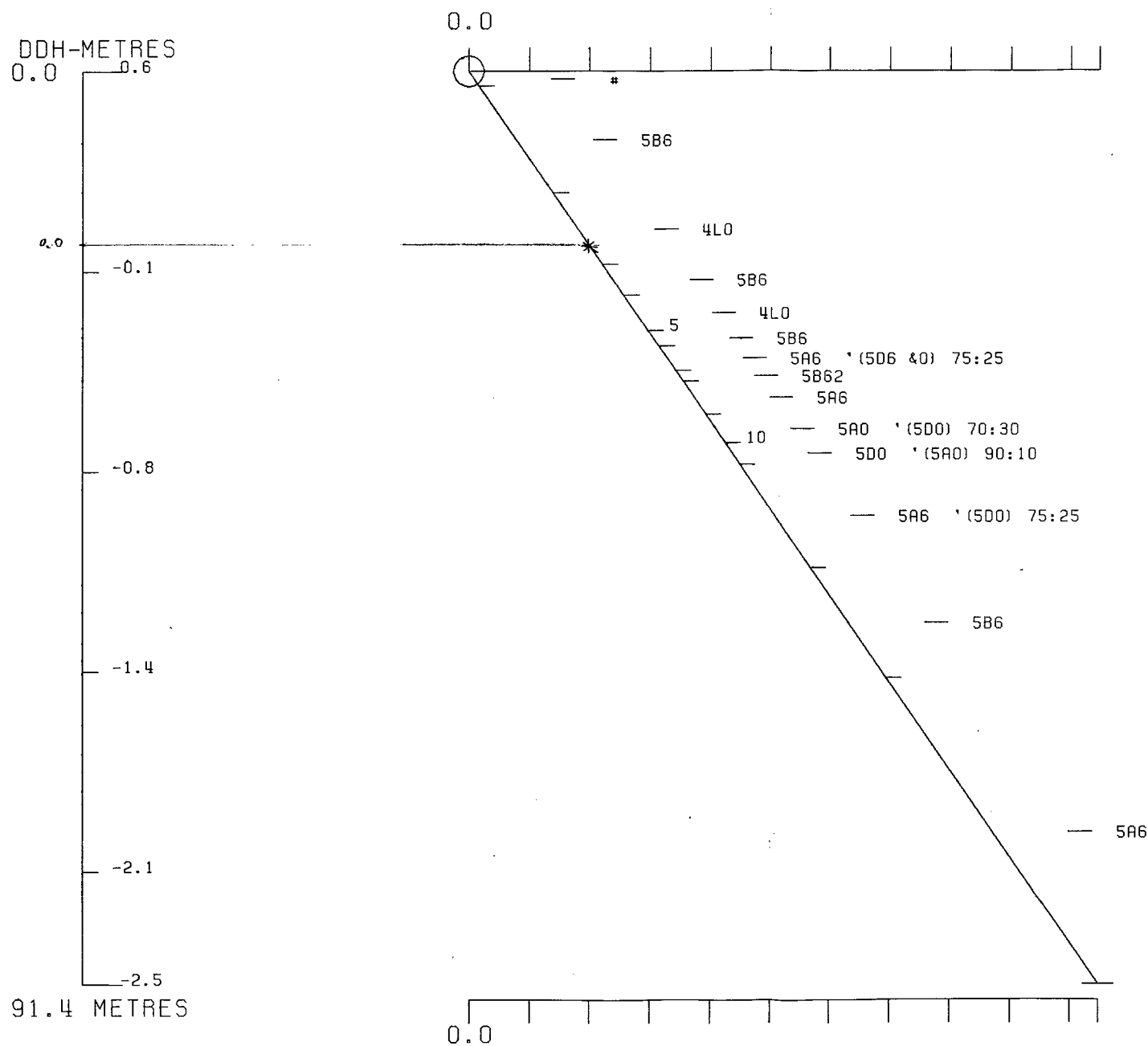
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1122 592319E ; 905103N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 590.0 Z = 1122.5

SECTION NAME: 76W



ELEVATION
ABOVE S.L.

+ 1100 M.

+ 1050 M.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 8 NOV 1984 10:47 AM



DRILL HOLE : FAGU124
NORTHING : 905,069.7
EASTING : 592,288.8
ELEVATION : 1,127.4
TOTAL DEPTH : 91.4
SECTION : W 76
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: 26
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 45
NOS DOWN-H-STRUCTURE: 20
NOS DOWN-H-FAULTS: 9
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

21NOV83 GRUM

ORE SAMPLES & ASSAYS (DH020)

PAGE: 25

DDH: FAGU124 UTM-N: 905,069.7 UTM-E: 592,288.8 UTM-ELEV: 1,127.4 TOTAL DEPTH: 91.4 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT. REC.	ROCK UNIT	S.G. PULP	---ASSAYS---														
FROM	TO					CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAD %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	1.5	07656	1.5	.5	4A1	2.99	.49	1.55	1.79	25.00		1.03	1	5	7					
1.5	4.6	07657	3.1	2.6	4A14	3.20	.05	2.08	4.50	38.00		.89	1	8	9					
4.6	6.6	07658	2.0	1.9	4A1	2.89	.02	1.08	3.60	19.00		.55	1	1	3					
6.6	8.6	07659	2.0	1.4	4A14	3.02	.02	1.62	3.60	25.00		.55		1	2					
8.6	10.6	07660	2.0	1.6	4A14	3.10	.02	1.83	3.89	26.00		.47		1	1					
10.6	12.2	07661	1.6	1.5	4A14	3.33	.05	2.60	5.09	40.00		.68	1	3	4					
12.2	14.2	07662	2.0	2.0	4D0	3.29	.01	3.00	6.50	51.00		.81	1	7	9					
14.2	16.2	07663	2.0	2.0	4D4	3.49	.05	5.20	7.90	74.00		1.37	13	1	15					
16.2	18.2	07664	2.0	2.0	4D4	3.49	.05	5.29	9.09	86.00		1.30	1	8	9					
18.2	19.7	07665	1.5	1.3	4D4	3.41	.04	5.40	7.79	82.00		1.10	1	11	12					
19.7	20.8	07666	1.1	1.1	4A3	3.41	.08	.96	2.60	21.00		1.03	1	14	16					
25.9	27.9	07667	2.0	1.8	4C3	3.58	.17	1.64	3.20	43.00		1.98	1	18	19					
27.9	29.5	07668	1.6	1.5	4D0	3.56	.16	2.70	4.29	62.99		1.91	1	17	18					
29.5	30.4	07669	.9	.9	4L0	2.93	.02	.08	.20	5.00		.47	1	3	5					
30.4	32.7	07670	2.3	2.3	4A3	3.39	.08	1.45	1.69	40.00		1.64	1	15	16					
32.7	34.1	07671	1.4	1.4	4A34	3.52	.11	2.60	3.60	51.00		2.66	2	13	16					
34.1	34.8	07672	.7	.7	4D0	3.00	.08	3.20	5.90	58.99		2.33	1	20	22					
34.8	37.5	07673	2.7	2.7	4A14	3.54	.13	3.29	4.29	58.99	58.99	2.60	1	17	19					
38.7	39.6	07674	.9	.9	4D04	3.31	.20	2.70	7.99	36.00		1.23	4	6	10					
39.6	42.3	07675	2.7	2.7	4D4	4.40	.10	15.48	27.00	253.99		1.78	1	10	11					
42.3	43.0	07676	.7	.7	4A0	3.02	.02	1.16	.27	22.00		.47		3	4					
44.9	46.5	07677	1.6	1.6	4K14	3.95	.10	5.59	17.69	108.00		.81	5	11	16					
46.5	47.5	07678	1.0	1.0	4AL4	3.24	.08	2.60	3.70	41.00		1.10	2	8	11					
47.5	49.2	07679	1.7	1.7	4AE4	4.05	.08	8.40	6.20	114.99		2.54	1	21	22					
49.2	51.9	07680	2.7	2.7	4AD4	3.64	.08	4.29	5.59	56.99		1.78	2	17	19					
51.9	54.5	07681	2.6	2.5	4LA	2.95	.05	1.03	2.39	15.99		.47	1	3	5					
WEIGHTED AVERAGE																				
.0	20.8		20.8	17.9		3.23	.07	2.79	5.21	44.58		.88	2	5	8					
25.9	37.5		11.6	11.3		3.44	.12	2.22	3.28	47.87	13.73	2.04	1	15	17					
38.7	43.0		4.3	4.3		3.94	.10	10.48	18.67	170.60		1.45	2	8	10					
44.9	54.5		9.6	9.5		3.54	.08	4.17	6.65	62.99		1.33	2	12	14					

21NOV83 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 26

DDH: FAGU124 UTM-N: 905,069.7 UTM-E: 592,288.8 UTM-ELEV: 1,127.4 TOTAL DEPTH: 91.4 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000

21NOV83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 27

DDH: FAGU124 UTM-N: 905,069.7 UTM-E: 592,288.8 UTM-ELEV: 1,127.4 TOTAL DEPTH: 91.4 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.5	0001	4A1	RUBBLE	0.5-	1
4.6	0002	4A14		0.5-	1
12.2	0003	4A14	(4A10)T.O.I. (5D4*)MINOR [4D0]	0.5-	1
19.7	0004	4D4	85 (4D0) T.O.I. (4A4) MINOR	0.5-	1
20.8	0005	4A3	(4C0) (4D0) [4C0]	0.5-	1
21.8	0006	4L0		0.5-	1
24.4	0007	5B6		0.5-	1
25.9	0008	4L1	(4L3 &4) MINOR	0.5-	1
29.5	0009	4D@	(4C@)T.O.I.(4A4) (5D4@) MINOR	0.5-	1
30.4	0010	4L0		0.5-	1
30.9	0011	4A0	83	0.5-	1
32.7	0012	4A3	81 [4C0]	0.5-	1
33.1	0013	5C4*		0.5-	1
34.1	0014	4A34	(4C@) [4C@5]	0.5-	1
34.8	0015	4D0	8@ (4L0)	0.5-	1
37.2	0016	4A14	@ E.O.I.	0.5-	1
37.5	0017	4D4	8@ CLOTS	0.5-	1
38.7	0018	5D4@	[5C4@]	0.5-	1
39.3	0019	4D@4	-> 4L4	0.5-	1
39.6	0020	5D4@		0.5-	1
42.3	0021	4D4	8@	0.5-	1
43.0	0022	4A0	-> 5A1	0.5-	1
44.9	0023	4L0	(4L2) MINOR	0.5-	1
46.5	0024	4K14	(4D4@)	0.5-	1
47.2	0025	4A4		0.5-	1
47.5	0026	4L3		0.5-	1
49.2	0027	4A4	(4E4)	0.5-	1
49.8	0028	4D4	SERICITIC	0.5-	1
51.9	0029	4A4	(4E4) MINOR	0.5-	1
53.0	0030	5B6		0.5-	1
53.3	0031	4L4		0.5-	1
54.5	0032	4AC	-> 5A1 89 86	0.5-	1
58.4	0033	4L0	(4L4) MINOR	0.5-	1
65.4	0034	5B6		0.5-	1
66.1	0035	5D6		0.5-	1
66.8	0036	5B6		0.5-	1
67.4	0037	5C6		0.5-	1
67.7	0038	5B6		0.5-	1
72.8	0039	4L0		0.5-	1
77.5	0040	5B6		0.5-	1
78.2	0041	4L0		0.5-	1
86.8	0042	5B6	-> 5B64	0.5-	1
89.6	0043	5B6	GOUGE	0.5-	1
89.9	0044	5B6		0.5-	1
91.4	0045	4L0		0.5-	1

21NOV83 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 28

DDH: FAGU124 UTM-N: 905,069.7 UTM-E: 592,288.8 UTM-ELEV: 1,127.4 TOTAL DEPTH: 91.4 SECTION: W 76
 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
FAGU124	0.0	1.7	CS2	Z	0	0	0	0	80	230	C		1	1	1
FAGU124	0.0	7.4	CS2	3	0	0	0	0	76	230	0		1	1	1
FAGU124	0.0	10.7	CS2	3	0	0	0	0	76	230	0		1	1	1
FAGU124	0.0	14.8	CS2		0	0	0	0	78	230	C		1	1	1
FAGU124	0.0	19.1	CS2	S	0	0	0	0	60	230	0		1	1	1
FAGU124	0.0	23.3	CS2	Z	0	0	0	0	70	230	C		1	1	1
FAGU124	0.0	26.9	PS2		0	0	0	0	75	230	C		1	1	1
FAGU124	0.0	32.2	CS2	S	0	0	0	0	70	230	0		1	1	1
FAGU124	0.0	36.2	CS2	S	0	0	0	0	70	230	0		1	1	1
FAGU124	0.0	39.0	CS2	P	0	0	0	0	70	230	C		1	1	1
FAGU124	0.0	44.3	CS2	Z	0	0	0	0	77	230	0		1	1	1
FAGU124	0.0	51.6	CS2	Z	0	0	0	0	70	230	0		1	1	1
FAGU124	0.0	54.2	CS2	Z	0	0	0	0	80	230	C		1	1	1
FAGU124	0.0	61.3	PS2		0	0	0	0	80	230	0		1	1	1
FAGU124	0.0	62.7	CS2	Z	0	0	0	0	80	230	C		1	1	1
FAGU124	0.0	68.5	CS2	S	0	0	0	0	75	230	C		1	1	1
FAGU124	0.0	72.9	PS2		0	0	0	0	80	230	C		1	1	1
FAGU124	0.0	78.7	CS2	M	0	0	0	0	80	230	C		1	1	1
FAGU124	0.0	82.8	CS2		0	0	0	0	75	230	0		1	1	1
FAGU124	0.0	84.4	CS2	S	0	0	0	0	63	230	0		1	1	1

21NOV83 GRUM

DOWN-HOLE FAULTS (DH020)

PAGE: 29

DDH: FAGU124 UTM-N: 905,069.7 UTM-E: 592,288.8 UTM-ELEV: 1,127.4 TOTAL DEPTH: 91.4 SECTION: W 76
 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
FAGU124	0.0	1.5	RP		0	0	0	1
FAGU124	4.2	4.6	XD?		0	0	0	1
FAGU124	11.9	12.2	G		0	0	0	1
FAGU124	19.4	19.5	G		0	0	0	1
FAGU124	0.0	20.8	G		0	99	999	1
FAGU124	0.0	21.8	G		0	99	999	1
FAGU124	0.0	23.7	G		0	99	999	1
FAGU124	45.9	46.5	XR		0	0	0	1
FAGU124	86.8	89.6	G		99	999	0	1

21NOV83 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 30

DDH: FAGU124 UTM-N: 905,069.7 UTM-E: 592,288.8 UTM-ELEV: 1,127.4 TOTAL DEPTH: 91.4 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU124 1 1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Page 1 of 7

Date: 15 July / 81

Hole Number: FAGU-124 (76-U-124)

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

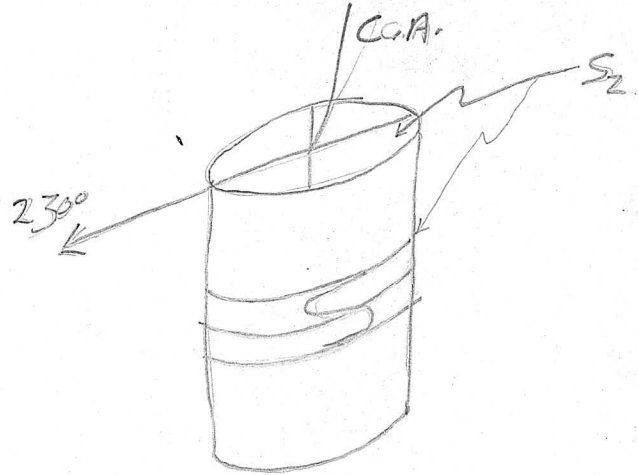
Location: SECTION 76 W

Claim: _____

UTM
Terr. Plane
Co-ords.: 6 905 069.7m N

592 288.8m E

Grid
Co-ords: _____



Conversion of
KA survey grid
coords
to
Grid
Co-ords:

Elevation: 1127.4m

All symmetry determinations looking

NW with S2 dipping

Total Depth: 91.4m

SW with dip azimuth 230°.

Purpose: GRUM DEPOSIT DEFINITION

Reason hole Terminated: THROUGH SULPHIDES

Logged by: DSJ / JGS

Date(s) Logged: 15 July / 81

Drilling Contractor: CAMERON McCUTCHEON

Size	CORE From	To	Collar Cased and Capped:
BQ	0.0	91.4m	_____
_____	_____	_____	_____
_____	_____	_____	_____

Hole Cemented: _____

Steel down le: _____

Started: _____ Completed: _____

DDH FAGU.124
2 8

Cyprus Anvil Mining Corp.

Page 3 of 7

Lithologic Log

Date: 15 July/81 Logged By: DJS-JG2

UNITS = METRES

CHECKED
GG
JSM

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	100	115		0101	4A11	RUBBLE - POOR RECOVERY
L	115	146		12	4A11.4	SULPHIDE - HEALED BRECCIA (CLOSED) @ 4.2 - 4.6m;
L	146	122		13	4A11	TENDING TO 4B4 - LOW PYRITE, LOW (2%) PHYLITE & SERICITE PARTINGS; 11.9-12.2 - <u>GOUGE</u> (NO ATTITUDES) +(5D4* @ 4.8-5.0)
L	122	1197		14	4D4	±5 + (4A4) 19.4-19.5 - GOUGE - (NO ATTITUDES)
L	1197	2108		15	4A3	+(4C0) + (4D0) +(4L1 @ 19.7-20.2)
L	2108	2118		16	4L0	GOUGE @ 20.8 ^{±21.8} - 11S ₂ (MAY BE DRILL INDUCED)
L	2118	244		17	5B6	2cm GOUGE @ 23.7 11S ₂
L	244	259		18	4L1	+(MINOR 4L3/4)
L	259	2195		19	4D*	+(4A4) - ANKERITE + THIN CARB WISPS +(5D4* - <1% FUCHSITE; ANK CARB @ 28.5-28.7m)
L	2195	1304		110	4L0	
L	304	1309		111	4A0	±3
L	309	1327		112	4A3	±1 → PHYL + CARBON PARTINGS;
L	327	1331		113	5C1A*	
L	331	1341		114	4A3.4	+(4C* - ANK + MINOR CARB LAMINAE)
L	341	1348		115	4L0	±* - MINOR ANK + CARB. LAMS; +(4L0)
L	348	1372		116	4A11.4	(+4 @ F/W) PHYL + CARBON PARTINGS
L	372	1375		117	4D4	±* - ANK CLOTS;
L	375	1387		118	5D4*	±ANK; 1-2% FUCHSITE; RELICT ALT 5D [5C4*]
L	387	1393		119	4L*	ANK - TRANS TO 4L4;
L	393	1396		120	5D4*	ANK; 1% FUCHSITE
L	396	1423		121	4D4	To 45; LOCAL HONEY SPHAL + ANK;
L	423	1430		122	4A0	(LOW SULPHIDE) - To 5A1;
L	430	1449		123	4L0	+(MINOR 4L2)
L	449	1465		124	4K1.4	+(LOCAL 4D*4 - ANK BANDS)
						0.6m F/W = BRECCIA + RUBBLE
L	465	1472		125	4A4	
L	472	1475		126	4L3	

* RECOPIED TO PLACE UNIT
 NUMBERS IN PROPER PLACES
 AND INCLUDE ADDITIONS & MODIFICATIONS.
 ORIGINAL LOG AT END.

(4C0) TO I

DDH F.A.G.U.1.2.4
2 8

Cyprus Anvil Mining Corp.

Page 4 of 7

Lithologic Log

Date: 15 July 81 Logged By: GG

UNITS = METRES

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	147	5	149	2					27	4A4	+(4E4)	
L	149	2	149	8					28	4D4	-SERICITIC;	
L	149	8	151	9					29	4A4	+(minor 4E4).	
L	151	9	153	0					30	5B6	SERICITIC	
L	153	0	153	3					31	4L4		
L	153	3	154	5					32	4A0	TO 5A1/9/6	
L	154	5	158	4					33	4L0	+(minor 4L4)	
L	158	4	165	4					34	5B6		
L	165	4	166	1					35	5D6		
L	166	1	166	8					36	5B6		
L	166	8	167	4					37	5D6		
L	167	4	167	7					38	5B6		
L	167	7	172	8					39	4L0		
L	172	8	177	5					40	5B6		
L	177	5	178	2					41	4L0		
L	178	2	186	8					42	5B6	TO 5B6/4	
L	186	8	189	6					43	5B6	FAULT GOUGE - H/W & F/W CONTACTS 1/5.	
L	189	6	189	9					44	5B6		
L	189	9	191	4					45	4L0		
											END OF HOLE @ 91.4 m	

DDH FAG. 124
2 8

Cyprus Anvil Mining Corp.

Page 5 of 7

Structural Log

Date: 16 July 81 Logged By: FEJ/HGS

Code	From		To		Feature	S/E	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				17	CS2Z						80	230	
S				74	CS23						76	230	
S				110	CS23						71	230	
S				114	CS2						78	230	
S				119	CS2S						60	230	
S				123	CS2Z						70	230	
S				126	PS2R						75	230	
S				132	CS2S						70	230	
S				136	CS2S						70	230	
S				139	CS2R						70	230	
S				144	CS2Z						77	230	
S				151	CS2Z						70	230	
S				154	CS2Z						80	230	
S				161	PS2						60	230	
S				162	CS2Z						80	230	
S				168	CS2S						75	230	
S				172	PS2						80	230	
S				178	CS2M						80	230	
S				182	CS2Z						75	230	F ³ Z 40°/10
S				184	CS2S						63	230	
S				19									

Meters

~~FAULT~~

DDH F.A.G.U.124
2 8

Cyprus Anvil Mining Corp.

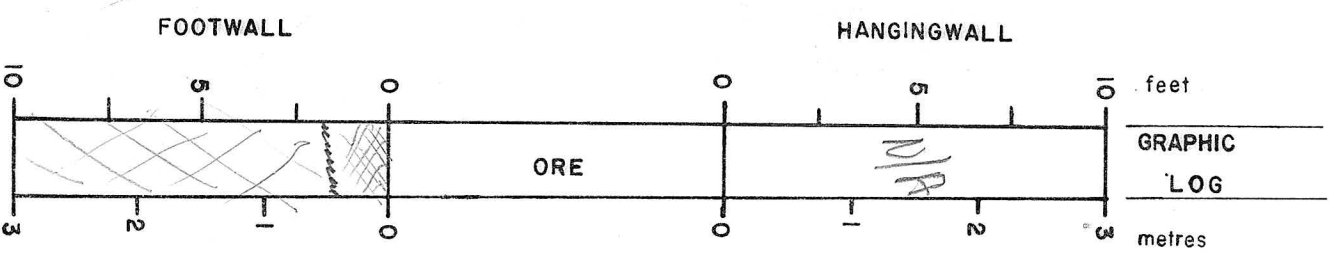
Page _____ of _____

Structural Log

Date: 3 Nov/83 Logged By: _____

Code	From				To				Feature	S/M	S ₀		S ₁		S ₂		Description	
	1	10	14	16	20	22	24	26			28	32	34	38	40	44		
			10	0			11	5	RIP									rubble - poor recovery
			14	2			14	6	XI									sulphide, healed closed bra
			11	9			11	2	G									gauge IND
			11	9			11	9	5G									INO gauge
							12	0	8G				9	9	9			} gauge // S ₂ - may be drilling induced
							12	1	8G				9	9	9			
							12	3	7G				9	9	9			2cm // S ₂
			14	5	9		14	6	5XIR									bra & rubble
			18	6	8		18	9	6G				9	9	9			gauge H/w & F/w // S ₂

GEOTECHNICAL LOG



INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
51.9	N/A		N/A		N50 H/W as DDH collared m sulphides
54.9	Incompetent	300/300	1070-42m	440 586219	

THESE 2 PAGES HAVE BEEN RECOPIED

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DDH F.A.G.U. 1.24
2 8

Cyprus Anvil Mining Corp.

Page 1 of _____

Lithologic Log

Date: 15 JUL Logged By: DSJ - JGS

Code	From	To	Recov.	No.	Unit	Description					
	10	14	16	20	22	24	26	28	30	34	35
L	100	105		101	4A11	RUBBLE POOR RECOVERY					
L	105	116		102	4A11.4	Breccia 4.2-4.6. - S-HEALING, CLOSED;					
L	116	122		103	4C10	Low Py (11.9-12.2 Gouge HILAT) 5.04* BANO 4.8-5.0					
L	122	119	7	104	4D4	IS min thin 4A4 bands. FAULT G 19.4-19.5 NIL ATT					
L	119	208		105	4C10	+ (4C3) + (4D2) Thin 4A0 interbeds. 19.7-20.2.					
L	120	218		106	4L10	FAULT GAUGE 11 to S2 at 20.8 (MAY BE DRILL INQUIRY)					
L	121	244		107	5B.6	2cm F GAUGE 11 S ² 23.7 (FZ1.8) hard coal = NO					
L	124	259		108	4L11	Thin 4L3/4					
L	125	295		109	4D*	(4A4) Ankerite - thin carb weeps 28.5-28.7 5D4* 100% fuschite Ank Carb. >					
L	129	304		110	4L10						
L	130	309		111	4A10	±3					
L	130	327		112	4C10						
L	132	331		113	5C4*						
L	133	341		114	4C*5	Ankerite minor Carb laminae ±(4A3) + (4C*)					
L	134	348		115	4C10	MINOR Carb lam + ANK ONLY ±(4L0)					
L	134	372		116	4A11	±4 @ F/W PHYL + C PTGS.					
L	137	375		117	4D4	±* - ANK CLOTS					
L	137	387		118	5D4*	ANK ± 2% fuschite RANK all SP. [5C4*]					
L	138	393		119	4C*	TRANS TO 4L4 ANK.					
L	139	396		120	5D14*	ANK 1% Fusch.					
L	139	423		121	4D14	To 4J: LOCAL H.SL. + ANK					
L	142	430		122	4A10	To 5A1 (LOW SULPHIDE)					
L	143	449		123	4L10	Thin 4L2					
L	144	465		124	4K114	local 4D4* ANK bands; 60 cm F/W = BRECCIA + RUBBLE;					
L	146	472		125	4A14						
L	147	475		126	4L3						
L	147	492		127	4A14	+(4E4)					
L	149	498		128	4D4	SERICITIC;					
L	149	519		129	4A14	+(4E4-minor)					
L	519	530		130	5B.6	SERICITIC					
L	530	533		131	4L14						
L	533	545		132	4A10	To 5A1/9/6 -					
L	545	584		133	4L10	Thin 4L4					
L	584	615		134	5B.6						
L	615	661		135	5D.6						
L	661	668		136	5B.6						

TENDING TO 4B4
4A1-
Low py,
2% PHYL +
SER PARTINGS
19.7-20.2 =
4L1

4A3I1
PHYL + C
4A3

THESE 2 PAGES HAVE BEEN RECOPIED

56

DDH FAGU124
2 8

Cyprus Anvil Mining Corp.

Page 2 of 2

Lithologic Log

Date: 15 JUL

Logged By: DSJ-JGS

Code	From				To				Recov.	No.				Unit	Description
	10	14	16	20	22	24	26	28		30	34	35			
L		16	16		17	17				137	510	161			
L		16	17		17	17				138	518	161			
L		16	17		17	12		8		139	410	161			
L		17	12		17	17		5		140	518	161			
L		17	17		17	18		2		141	410	161			
L		17	18		18	16		8		142	518	161		To 5B6/4	
L		18	16		18	19		6		143	518	161		FAULT GAUGE NB U9h cont. 1152 /	
L		18	19		18	19		9		144	518	161			
L		18	19		19	17		4		145	410	161			
														HOLE TERMINATES 91'4."	

DO NOT REPORT

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D. D. H. No 76-U-124 PAGE 1

PROPERTY GRUM JOINT VENTURE

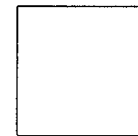
HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	Ø	-90°

LATITUDE *10,853.5 5N+19mNE STARTED JUNE 22, 1976

DEPARTURE *7,597.7 76W X-CUT COMPLETED JUNE 23, 1976

ELEVATION *1138. PROPOSED DEPTH _____

* - approximated ULTIMATE DEPTH 91.4m



CLAIM No _____

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 88.0%

Interval		DESCRIPTION	Pb+ Py Zn	Recovery	Sample No	Interval		Sample Length	Assay					Assay 2		
From	To					From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
0	20.8	QUARTZ-SULFIDE. Broken core ave: 4cm long. Folia- tion = 80-85°. No F noted. Sulfides parallel to general foliation as laminae.	15 6	0.3	3476	0	1.5	1.5	2.00	2.15	27.43			3.00	3.225	41.145
			25 8	1.2	3477	1.5	3.0	1.5	2.08	3.65	27.43			3.12	5.475	51.145
			30 10	1.3	3478	3.0	4.6	1.6	2.63	4.60	40.46			4.208	7.36	64.736
		4.7-4.9: Bleached Phyllite (Sb). Buff with greenish tint. Both contact = 80°.	25 12	1.3	3479	4.6	6.1	1.5	1.43	4.00	21.26			2.145	6.00	31.89
			30 10	0.6	3480	6.1	7.6	1.5	1.75	4.30	25.37			2.625	6.45	38.055
		9.0-9.1: Broken ground. Pebbly. No gouge.	25 10	1.1	3481	7.6	9.1	1.5	2.00	3.65	24.34			3.00	5.475	36.51
		12.2-12.3: Broken ground. Sand to pebble size fragments of sulfides and quartz. Some clay-could be Fault.	25 12	0.9	3482	9.1	10.7	1.6	2.00	3.75	26.40			3.2	6.00	42.24
			45 10	0.8	3483	10.7	12.2	1.5	2.73	5.68	43.54			4.095	8.52	65.31
			50 10	1.2	3484	12.2	13.7	1.5	3.13	7.39	52.46			4.695	11.085	78.69
		19.5-19.6: FAULT. Pebbles of quartz and sulfides and bleached sericite with thick gouge.	50 12	1.4	3485	13.7	15.2	1.5	4.35	8.13	67.54			6.525	12.195	101.31
			60 12	1.5	3486	15.2	16.8	1.6	5.90	6.36	75.77			9.44	10.176	121.232
		20.8: Fault contact with Sericite Phyllite (S). Plane = 50°.	60 15	1.5	3487	16.8	18.3	1.5	5.79	9.36	89.83			8.685	14.04	134.745
			45 8	0.7	3488	18.3	19.5	1.2	5.36	7.21	77.83			6.432	8.652	93.396
20.8	24.4	SERICITE PHYLLITE (S). Blocky ave: =4cm. Foliation = 45-50°.	35 5	1.2	3489	19.5	20.8	1.3	1.35	2.73	20.23					
		20.8-21.1: FAULT. Light gray gouge with quartz pebbles.		3.5		20.8	24.4	3.6								
		24.4: Sharp contact with Bleached Phyllite (Sb) =55°.				0	10.7	10.7	1.99	3.73	27.63					

LOGGED BY _____

D.D.H. No 76-U-124 PAGE 2

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay				Assay x					
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
24.4	25.9	BLEACHED PHYLLITE (Sb). Broken core. Light gray with greenish tint. Foliation = 70°. Spotty showing of sulfides.	0.8		24.4	25.9	1.5										
		Trace of calcite.		W.Av.	1.5	7.6	6.1	1.98	4.14	28.82				12.098	25.285	175.826	
		25.9: Abrupt change to Quartz-sulfides. Contact marked by broken ground.		W.Av.	7.6	10.7	3.1	2.0	3.70	25.40				6.20	11.475	78.75	
				W.Av.	10.7	19.5	8.8	4.53	7.35	67.58				39.873	64.688	594.683	
				W.Av.	12.2	19.5	7.3	4.90	7.69	72.52				35.788	56.148	529.373	
25.9	37.5	QUARTZ-SULFIDE. Blocky core ave: = 4cm. Foliation = 70-75°. No F noted. Intervening gaps of sericite phyllite = 30cm.		W.Av.	13.7	19.5	5.8	5.36	7.77	77.70				31.08	45.06	450.68	
		27.6-27.8: Bx. Sulfide angular fragments (Ø = 1-2cm) cemented by quartz and sulfides and trace of calcite. 35 7	1.1	3490	25.9	27.4	1.5	1.58	2.74	32.23				2.37	4.11	48.35	
		Open fissure parallel to C.A. lined with Py + Calcite. 40 7	1.3	3491	27.4	29.0	1.6	2.58	4.35	59.31				4.13	6.96	94.9	
		29.5-29.8: Sericite Phyllite run. Foliation = 75°. 15 4	1.5	3492	29.0	30.5	1.5	0.73	1.25	17.14				1.095	1.875	25.71	
		35 5	1.2	3493	30.5	32.0	1.5	1.45	1.05	22.29				2.175	1.575	33.435	
		32.5-33: Bleached Phyllite (Sb). Light buff with fuchsite spots. Trace of calcite. 60 7	1.4	3494	32.0	33.5	1.5	1.48	2.95	33.26				2.22	4.43	49.89	
		34.6-35.1: Massive sulfides. Py: 75, Zn + Pb: 6. 50 5	1.5	3496	35.1	36.6	1.5	1.78	2.88	43.54				2.67	4.32	65.31	
		37.5: Abrupt change to Bleached Phyllite (Sb) = 40°. 50 12	0.9	3497	36.6	37.6	1.0	5.75	6.77	85.72				5.75	6.77	85.72	
				W.Av.	25.9	29.0	3.1	2.1	3.57	46.21				6.50	11.07	143.25	
				W.Av.	29.0	32.0	3.0	1.09	1.15	19.71				3.27	3.45	59.145	
37.5	38.7	BLEACHED PHYLLITE(Sb). Blocky ave: =4cm long. Greenish colour. Foliation = 75°. Spots of Fuchsite.	1.0		37.6	38.7	1.1										
				W.Av.	33.5	37.6	4.1	2.78	4.21	51.82				11.412	17.25	212.47	
				W.Av.	32.0	36.6	4.6	1.71	3.24	38.40				7.88	14.91	176.64	
		38.7: Sharp contact with Quartz-Sulfide = 55°. 40 10	2.3	3498	38.7	41.1	2.4	8.09	17.89	126.17				19.416	42.936	302.808	

DDH: FAGU124 -- 42 DEGREE PROFILE

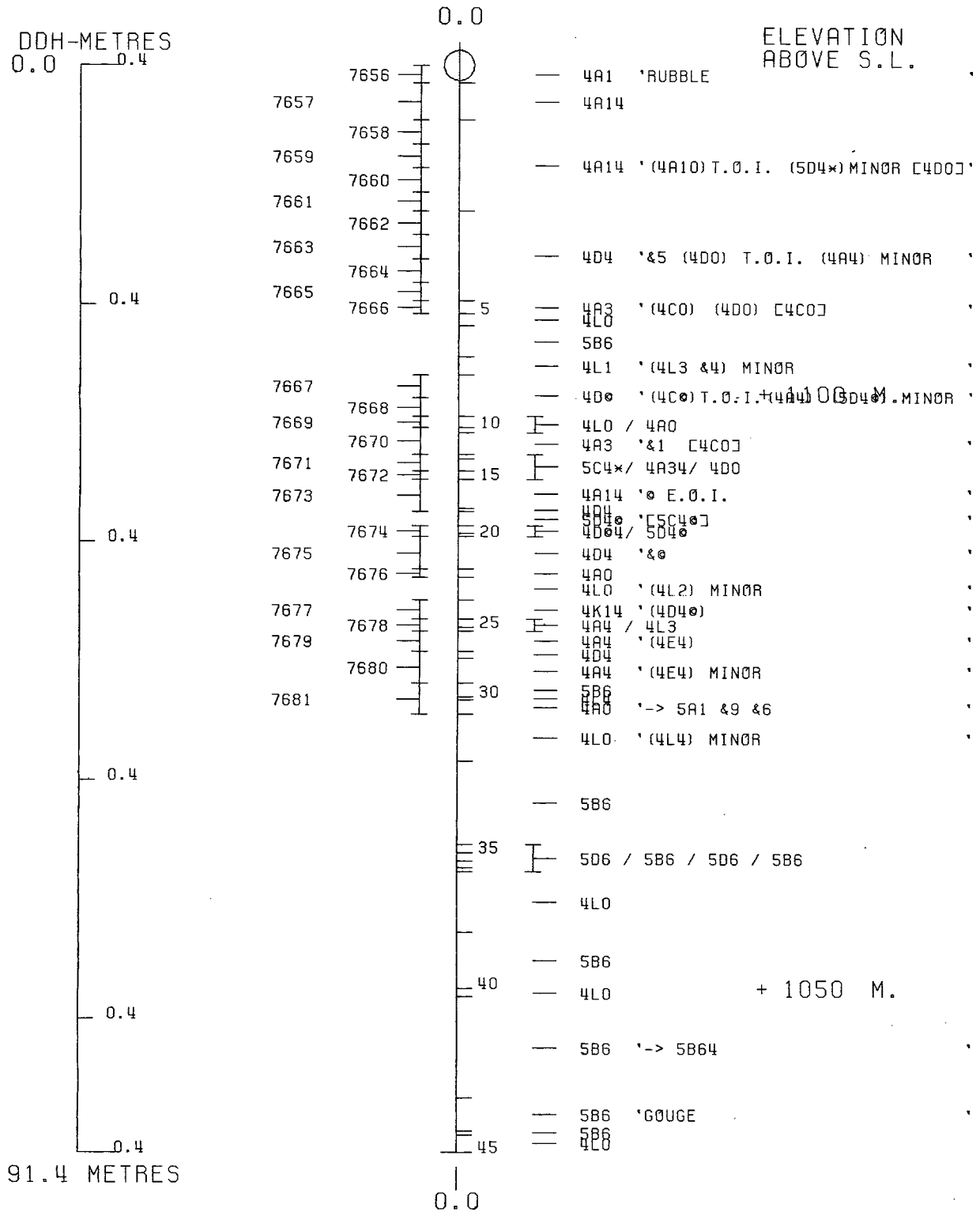
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1127 592289E ; 905070N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 545.6 Z = 1127.5

SECTION NAME: 76W



DDH: FAGU124 -- 42 DEGREE PROFILE

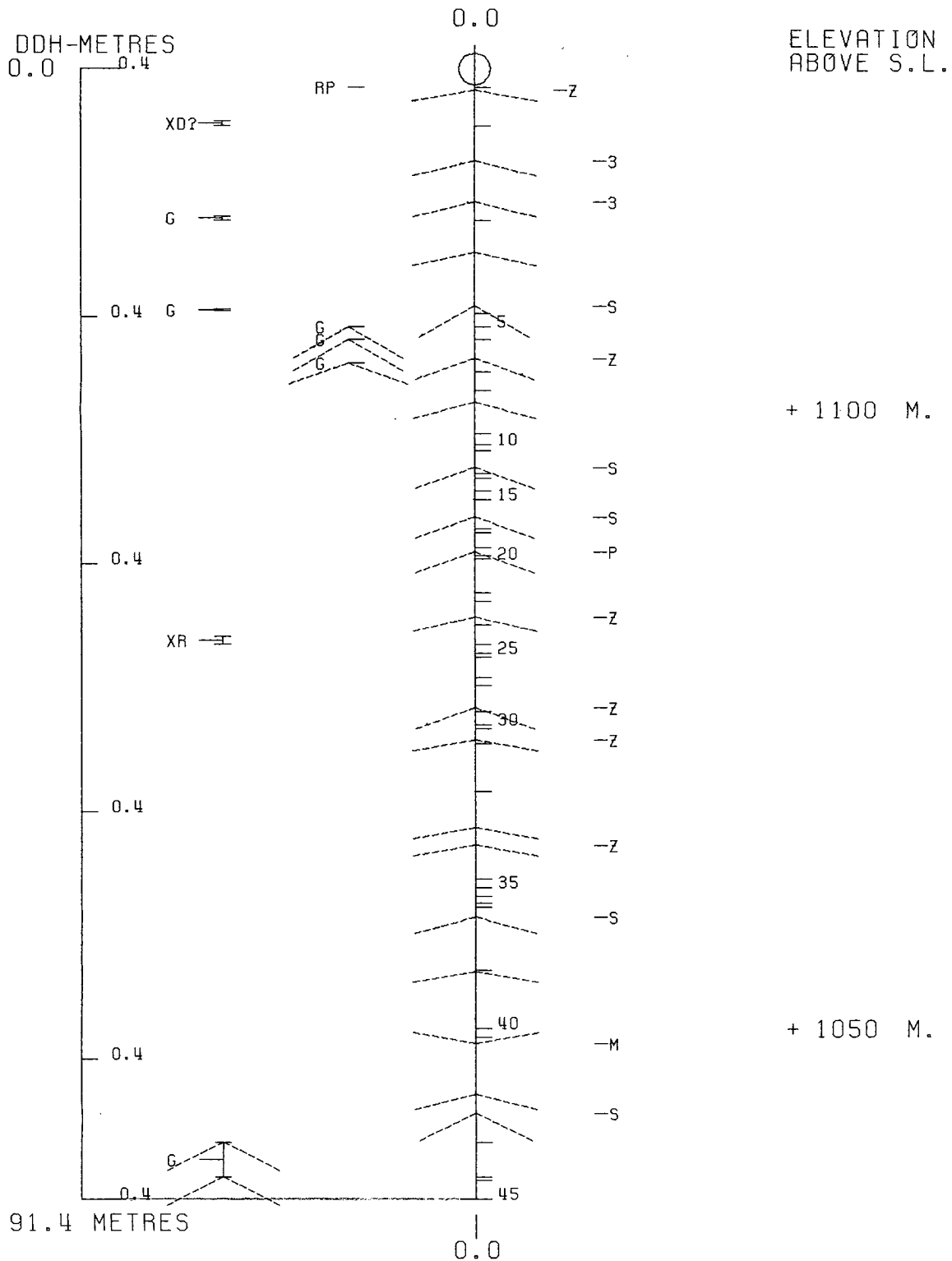
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1127 592289E ; 905070N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 545.6 Z = 1127.5

SECTION NAME: 76W



DRILL HOLE : FAGU126
NORTHING : 905,068.7
EASTING : 592,288.2
ELEVATION : 1,127.4
TOTAL DEPTH : 144.8
SECTION : W 76
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: 65
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 44
NOS DOWN-H-STRUCTURE: 24
NOS DOWN-H-FAULTS: 29
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

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ORE SAMPLES & ASSAYS (DHO20)

PAGE: 17

DDH: FAGU126 UTM-N: 905,068.7 UTM-E: 592,288.2 UTM-ELEV: 1,127.4 TOTAL DEPTH: 144.8 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---												ASSAYS									
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	3.7	07893	3.7	1.4	4A1	2.89	.04	1.37	1.73	25.00		.55	1	3	4						
3.7	6.1	07894	2.4	1.6	4A14	2.95	.05	1.62	4.20	29.99		.55		3	4						
6.1	7.6	07895	1.5	1.5	4D0	3.14	.11	2.70	3.00	47.00		1.16		8	9						
7.6	9.7	07896	2.1	1.6	4C0	2.87	.07	1.53	2.70	27.99		6.16		3	4						
9.7	12.2	07897	2.5	2.5	4A14	2.98	.08	1.62	4.20	36.00		.89	1	3	4						
12.2	15.2	07898	3.0	2.9	4A14	2.97	.07	2.89	5.79	44.00		.62	1	2	3						
15.2	17.4	07899	2.2	2.0	4A14	2.93	.05	1.69	4.90	34.00		3.02		1	2						
17.4	19.4	07900	2.0	2.0	4A14	2.79	.02	1.81	4.70	33.00	33.00	.34			1						
19.4	20.9	08001	1.5	1.5	4A41	3.12	.05	3.79	5.70	61.99		1.30	1	6	7						
20.9	22.9	08002	2.0	1.9	4AE4	3.62	.10	8.40	4.79	104.00		2.25		15	16						
22.9	24.4	08003	1.5	1.5	4AE4	3.41	.08	5.00	3.29	55.00		2.06	1	14	15						
24.4	25.9	08004	1.5	1.5	4AE4	3.60	.17	3.60	3.20	40.00		1.91	1	20	21						
25.9	27.4	08005	1.5	1.5	4AE4	3.54	.16	7.29	4.09	95.00		2.33	1	14	15						
27.4	28.3	08006	.9	.6	4AE4	3.29	.10	5.59	8.40	83.00		1.85	1	9	10						
28.3	30.0	08007	1.7	1.7	4D4	4.25	.05	5.09	9.69	83.00		1.58	1	7	9						
30.0	31.9	08008	1.9	1.9	4A4	3.27	.05	4.90	10.19	80.00		1.70	1	7	8						
31.9	33.5	08009	1.6	1.6	4D45	3.22	.05	3.89	8.19	75.00		1.16	1	8	9						
33.5	35.5	08010	2.0	1.9	4D45	3.12	.05	4.20	8.40	75.00	73.00	.81	1	8	9						
35.5	37.2	08011	1.7	1.7	4D45	3.25	.02	4.29	7.59	78.00		1.58	1	8	10						
37.2	38.5	08012	1.3	1.3	4D45	3.25	.02	4.29	6.99	74.00		1.10	1	8	10						
38.5	40.3	08013	1.8	1.8	4D45	3.31	.05	5.09	8.90	81.00		1.43	1	8	9						
40.3	42.1	08014	1.8	1.8	4AE4	3.49	.05	4.59	10.09	85.00		2.25	1	12	14						
42.1	43.9	08015	1.8	1.7	4AE4	3.43	.05	5.29	9.09	90.00		2.12	1	11	12						
43.9	45.7	08016	1.8	1.8	4D45	3.33	.02	5.00	8.10	85.00		1.51	1	10	11						
45.7	47.2	08017	1.5	1.5	4D50	3.35	.04	3.29	5.09	61.99		1.78	1	3	4						
47.2	48.8	08018	1.6	1.5	4D45	3.43	.04	5.20	10.50	84.00		1.98	1	9	11						
48.8	50.7	08019	1.9	1.9	4D45	3.60	.04	6.79	8.90	96.00		1.98	1	13	14						
50.7	51.4	08020	.7	.7	4A14	3.29	.11	3.29	2.79	48.00	44.00	1.30	1	15	17						
51.4	53.3	08021	1.9	1.9	4L1	2.98	.01	.55	2.19	6.00		.34	2	1	4						
53.3	54.9	08022	1.6	1.5	4L1	2.95	.02	.53	1.53	9.00		.81	1	2	4						
54.9	56.8	08023	1.9	1.9	4L1	3.00	.05	.57	1.95	7.99		.75	1	4	6						
56.8	58.3	08024	1.5	1.5	4A1	2.99	.04	1.41	3.10	20.00		1.10	1	4	5						
74.2	76.2	08025	2.0	2.0	4A13	3.00	.07	.56	1.15	9.00		.75	1	7	8						
76.2	78.3	08026	2.1	2.1	4A13	3.27	.13	.83	2.08	18.00		1.03	1	13	15						
78.3	79.9	08027	1.6	1.6	4E46	4.61	.16	4.79	9.00	88.00		1.70	1	26	28						
79.9	81.1	08028	1.2	1.2	4E4	4.37	.11	3.99	7.59	74.00		1.37	1	27	29						
81.1	83.0	08029	1.9	1.8	4A0	3.14	.08	1.64	2.79	26.00		.95		9	10						
83.0	85.3	08030	2.3	2.3	4A4	2.91	.04	2.97	5.40	37.00	40.00	.55	1	4	5						
85.3	87.5	08031	2.2	2.2	4A0	2.18	.14	.44	.61	11.00		.40	5	9	14						
87.5	89.9	08032	2.4	2.2	4A4	3.29	.05	3.00	5.20	43.00		.75	3	10	13						
89.9	91.4	08033	1.5	1.5	4E4	4.29	.11	5.40	9.30	94.00		1.37	1	26	27						
91.4	93.0	08034	1.6	1.5	4E4	3.87	.07	3.60	5.00	54.00		.75	1	20	22						
93.0	94.5	08035	1.5	1.5	4E0	4.55	.26	1.33	.91	21.00		1.37	1	37	39						
94.5	96.2	08036	1.7	1.7	4E4	4.86	.28	2.70	3.70	49.00		1.70	1	39	40						
96.2	97.5	08037	1.3	1.3	4G4	4.63	.14	5.40	9.90	114.99		1.51		17	18						
97.5	98.8	08038	1.3	1.1	4E4	4.55	.08	3.39	11.40	65.00		1.03		26	27						
98.8	100.3	08039	1.5	1.5	4G0	4.67	.11	2.29	6.00	31.99		1.16		16	17						
100.3	101.8	08040	1.5	1.5	4G4	4.46	.16	6.20	9.80	114.99	110.00	1.58		23	24						
101.8	103.6	08041	1.8	1.6	4E4	4.57	.17	6.09	7.09	36.00		2.04	1	31	33						
103.6	105.2	08042	1.6	1.6	4E4	4.42	.17	4.20	3.29	75.00		1.54	1	33	34						

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ORE SAMPLES & ASSAYS (DH020)

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DDH: FAGU126 UTM-N: 905,068.7 UTM-E: 592,288.2 UTM-ELEV: 1,127.4 TOTAL DEPTH: 144.8 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	---ASSAYS---				BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
FROM	TO											AU(FA) G/MT	PO %	PY %	TOT FE						
105.2	107.5	08043	2.3	2.3	4E4	4.78	.20	3.39	2.60	45.00		2.54	1	39	40						
118.6	119.7	08044	1.1	1.1	4E#4	4.13	.07	2.39	3.79	34.00		.95	2	21	23						
119.7	120.4	08045	.7	.6	3G0	3.12	.34	.99	1.12	25.00		.68	4	4	9						
120.4	121.9	08046	1.5	1.5	4E4	4.24	.11	4.29	5.09	83.00		1.16	9	24	33						
121.9	123.2	08047	1.3	1.3	4E4	4.67	.13	3.99	7.20	70.00		1.85		23	24						
123.2	125.4	08048	2.2	2.0	4G0	4.09	.13	3.20	5.29	44.00		1.10	3	20	24						
125.4	127.3	08049	1.9	1.9	4E4	4.67	.20	3.99	7.59	73.00		1.98	1	22	24						
127.3	129.0	08050	1.7	1.7	4E4	4.42	.23	3.39	5.40	49.00	47.00	1.30	1	33	34						
129.0	129.5	08051	.5	.5	4C0	3.83	.17	1.02	2.12	28.99		1.58		32	33						
129.5	130.2	08052	.7	.7	4A4	3.54	.11	5.00	9.44	75.00		2.81	1	26	27						
130.2	131.3	08053	1.1	1.0	4C0	3.74	.40	1.24	2.79	34.00		1.78	2	12	14						
131.3	133.1	08054	1.8	1.7	4C0	3.56	.24	.40	1.24	27.00		1.03	2	23	25						
133.1	134.6	08055	1.5	1.5	4A30	3.56	.29	.05	.57	73.00		.89	1	22	23						
134.6	136.1	08056	1.5	1.5	4C0	3.49	.23	.16	.44	13.00		1.23	1	20	22						
136.1	137.0	08057	.9	.9	4C0	3.56	.35	1.41	2.08	31.99		1.51	1	17	19						

WEIGHTED AVERAGE

.0	58.3	58.3	53.6	3.20	.05	3.47	5.61	55.52	4.16	1.53	1	7	8
74.2	107.5	33.3	32.5	3.92	.13	3.11	5.00	49.01	7.71	1.25	1	21	22
118.6	137.0	18.4	17.9	3.98	.21	2.34	4.00	48.91	4.34	1.37	2	22	24

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DOWN-HOLE SURVEYS (DH020)

PAGE: 19

DDH: FAGU126 UTM-N: 905,068.7 UTM-E: 592,288.2 UTM-ELEV: 1,127.4 TOTAL DEPTH: 144.8 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	150.000	224.000
112.800	158.000	228.000
144.800	158.000	227.000

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DOWN-HOLE LITHOLOGY (DH020)

PAGE: 20

DDH: FAGU126 UTM-N: 905,068.7 UTM-E: 592,288.2 UTM-ELEV: 1,127.4 TOTAL DEPTH: 144.8 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
6.1	0001	4A1	84 (4L1) MINOR	0.5-	1
9.7	0002	4C0	85 (4D0 85) T.O.I.	0.5-	1
19.4	0003	4A14	(4D0-> 4D4)MINOR [4D5?]	0.5-	1
20.9	0004	4A41	PHYLLITIC, [4D5?]	0.5-	1
28.3	0005	4AC	84 (4E4) 65:35	0.5-	1
30.0	0006	4D4		0.5-	1
31.9	0007	4A4		0.5-	1
40.3	0008	4D45		0.5-	1
43.9	0009	4A4	(4E4) 85:15	0.5-	1
50.7	0010	4D45	(4A4) MINOR (4D50)	0.5-	1
51.4	0011	4A14		0.5-	1
56.8	0012	4L1		0.5-	1
58.3	0013	4A1		0.5-	1
60.4	0014	4LC		0.5-	1
68.9	0015	3G0	(5D4*) MINOR	0.5-	1
69.9	0016	10Q0		0.5-	1
72.9	0017	3G9	GOUGE	0.5-	1
73.7	0018	4L0		0.5-	1
74.2	0019	5C0		0.5-	1
78.3	0020	4A13		0.5-	1
79.9	0021	4E46	& POROUS	0.5-	1
81.1	0022	4E4	(4E41)T.O.I. 50:50	0.5-	1
89.9	0023	4A4	(4A0)	0.5-	1
96.2	0024	4E4	(4E0) (5C\$) MINOR	0.5-	1
97.5	0025	4G4		0.5-	1
98.8	0026	4E4	&# (10Q0) (4G4)	0.5-	1
101.8	0027	4G4	(4E46) (4G0)	0.5-	1
107.5	0028	4E4	(4E0) (4K0) MINOR	0.5-	1
110.4	0029	5A0	&\$ 86 (5B2)	0.5-	1
112.7	0030	5D4@	(4A3) (4E7) (4K0) ALL MINOR	0.5-	1
115.6	0031	5A6		0.5-	1
118.6	0032	3G0		0.5-	1
119.7	0033	4E#4	&1 (4K0#*)	0.5-	1
120.4	0034	3G0		0.5-	1
123.2	0035	4E4	&7 (4L0)	0.5-	1
125.4	0036	4G4	&#	0.5-	1
129.0	0037	4E4	@ MINOR	0.5-	1
129.5	0038	4C0	-> 4E1 @ E.O.I.	0.5-	1
130.2	0039	4A4		0.5-	1
131.3	0040	4C0		0.5-	1
133.1	0041	4C@	BXA	0.5-	1
136.1	0042	4A30	-> 4C0	0.5-	1
137.0	0043	4C0		0.5-	1
144.8	0044	3G0	(3G9)	0.5-	1

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DOWN-HOLE STRUCTURE (DH020)

PAGE: 21

DDH: FAGU126 UTM-N: 905,068.7 UTM-E: 592,288.2 UTM-ELEV: 1,127.4 TOTAL DEPTH: 144.8 SECTION: W 76
 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	
FAGU126	0.0	9.8	PS2	0	0	60	230	0	1	1	1
FAGU126	0.0	16.5	CS2	0	0	55	230	C	1	1	1
FAGU126	0.0	22.8	CS2	0	0	60	230	C	1	1	1
FAGU126	0.0	30.5	PS2	0	0	80	230	0	1	1	1
FAGU126	0.0	33.6	PS2	0	0	40	230	0	1	1	1
FAGU126	0.0	39.3	PS2	0	0	60	230	0	1	1	1
FAGU126	0.0	45.2	PS2	0	0	50	230	C	1	1	1
FAGU126	0.0	50.6	PS2	0	0	45	230	0	1	1	1
FAGU126	0.0	56.0	PS2	0	0	52	230	C	1	1	1
FAGU126	0.0	61.8	PS2	0	0	55	230	0	1	1	1
FAGU126	0.0	68.4	PS2	0	0	55	230	0	1	1	1
FAGU126	0.0	73.8	PS2	0	0	60	230	0	1	1	1
FAGU126	0.0	79.2	PS2	0	0	37	230	C	1	1	1
FAGU126	0.0	85.0	PS2	0	0	72	230	0	1	1	1
FAGU126	0.0	90.0	PS2	0	0	52	230	C	1	1	1
FAGU126	0.0	103.0	PS2	0	0	55	230	0	1	1	1
FAGU126	0.0	109.7	PS2	0	0	52	230	0	1	1	1
FAGU126	0.0	114.3	PS2	0	0	70	230	0	1	1	1
FAGU126	0.0	117.7	PS2	0	0	66	230	0	1	1	1
FAGU126	0.0	123.7	PS2	0	0	70	230	0	1	1	1
FAGU126	0.0	129.6	PS2	0	0	65	230	0	1	1	1
FAGU126	0.0	135.6	PS2	0	0	70	230	0	1	1	1
FAGU126	0.0	140.5	PS2	0	0	65	230	0	1	1	1
FAGU126	0.0	144.2	PS2	0	0	55	230	0	1	1	1

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DOWN-HOLE FAULTS (DHO20)

PAGE: 22

DDH: FAGU126 UTM-N: 905,068.7 UTM-E: 592,288.2 UTM-ELEV: 1,127.4 TOTAL DEPTH: 144.8 SECTION: W 76
 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
FAGU126	0.0	3.0	P				0	0	0	1
FAGU126	0.0	6.1	T				0	0	0	1
FAGU126	0.0	58.3	QX				0	0	0	1
FAGU126	62.3	62.4	G				0	99	999	1
FAGU126	0.0	62.8	GJ				0	10	0	1
FAGU126	63.2	63.4	G				0	0	0	1
FAGU126	0.0	63.7	J				0	30	180	1
FAGU126	65.5	67.1	P	5			0	0	0	1
FAGU126	0.0	67.6	J				0	30	180	1
FAGU126	0.0	68.6	G				0	0	0	1
FAGU126	68.9	69.9	Q				0	0	0	1
FAGU126	69.9	72.9	G				0	0	0	1
FAGU126	0.0	73.3	JGX				0	0	0	1
FAGU126	74.2	75.0	R				0	0	0	1
FAGU126	75.0	76.0	RG				0	0	0	1
FAGU126	76.0	78.3	R				0	0	0	1
FAGU126	0.0	78.6	R				0	0	0	1
FAGU126	0.0	81.1	XD?				0	0	0	1
FAGU126	0.0	94.5	R				0	0	0	1
FAGU126	0.0	101.4	XD?				0	0	0	1
FAGU126	0.0	107.0	XQ				0	0	0	1
FAGU126	107.8	108.0	1G				0	0	0	1
FAGU126	0.0	109.6	1G				0	0	0	1
FAGU126	0.0	110.4	GR				0	0	0	1
FAGU126	113.4	113.8	G				0	0	0	1
FAGU126	115.5	115.6	G				0	0	0	1
FAGU126	116.0	116.4	G				0	0	0	1
FAGU126	131.3	133.1	X				0	0	0	1
FAGU126	137.2	137.7	1G				0	0	0	1

21NOV83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 23

DDH: FAGU126 UTM-N: 905,068.7 UTM-E: 592,288.2 UTM-ELEV: 1,127.4 TOTAL DEPTH: 144.8 SECTION: W 76.
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU126	1	2
FAGU126	2	2
FAGU126	3	1

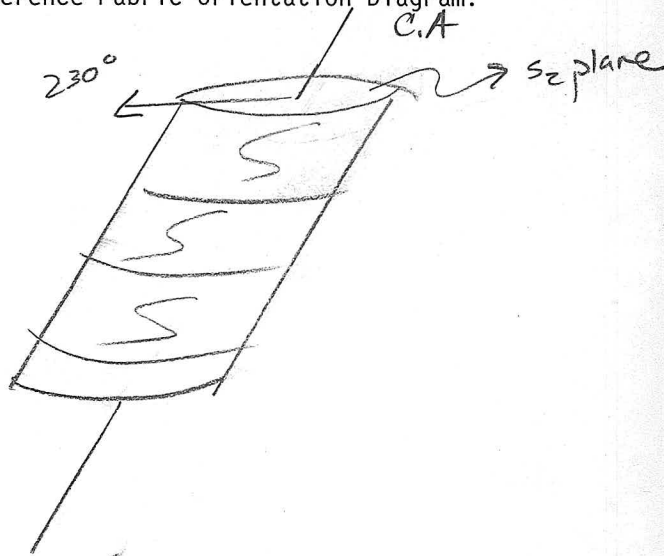
DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGU126

Reference Fabric Orientation Diagram:

Project: Grum Releg



Location: Vangorda Plateau 76W

Claim: _____

Terr. Plane Co-ords.: 6905068.7 N

592288.2 E

Grid Co-ords: _____

Elevation: 1127.4

NW with S₂ dipping

Total Depth: 144.8m

SW with dip azimuth 230.

Purpose: _____

Reason hole Terminated: _____

Re Logged by: J. Modene

Date(s) Logged: July 16-17, 1981

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
<u>BQ</u>	<u>0</u>	<u>144.8</u>	

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

*Conversion of
K.A. Grid survey
Co-ords
UTM*

Lithologic Log

Date: July 17, 1981 Logged By: J. Modene

Code	From	To	Recov.	No.	Unit	Description	FW CTC
	10 14 16 20 22 24 26 28 30 34 35						
L	00	61	132	1	4A11	phyllitic partings, minor sericite (4L1) (4A14) core is mostly pokerchipped. Poor rec'v'y 0-3.0	all gradational
L	61	97		2	4C10	sericitic + phyllitic (4D0 @ T01)	
L	97	194		3	4A114	phyllitic w/ minor (4D0 → 4D4 sericitic) w/ graphite, very siliceous	
L	194	209		4	4A11	Phyllitic ± 4 w/ thin (up to 20cm) intbds of 4E4 comprising approx 35% of the interval. Grade increasing toward f.w. ± 3GZ	
L	209	283		5	4A10		
L	283	300		6	4D4	w/ minor sericite, gradational etc (ie minor phyllitic partings @ 20 cm f.w. + h.w.)	
L	300	319		7	4A4	w/ 4D4 affinities (ie w/ sfd-rich 4D4 intbands)	
L	319	403		8	4D45	w/ carbon + phyllitic partings	
L	403	439		9	4A4	+ 3GZ (4E4 intbands ≈ 15% of interval)	
L	439	507		10	4D45	w/ phyllitic partings and minor (4A4 + 3GZ)	
L	507	514		11	4A114	w/ mostly carbon partings, P _g = predominant sfd	
L	514	568		12	4L11	w/ minor (P _g spogr) sfd (sfd's incr @ f.w)	
L	568	583		13	4A11	w/ mostly phyllitic partings, ± 3GZ finely interbanded Picking up slightly more sfd's than # 11, ~ 2-3% PbZn. Lower etc = 5cm of 1090 crackle breccia infilled w/ pyg	
L	583	604		14	4L10	w/ minor gouge zones which are probably related to fault zone below (# 16) ↑ (2) @ 62.8 m slightly gouged fracture @ 10° to CA possibly dipping 230° (3) @ 63.2-63.4 gouge, possibly steep attitude (1) @ 67.35-67.45 gouge (// S ₂ ? ~ 50° to CA) (4) @ 63.7 fracture @ 30°/180° (5) @ 67.6 slightly gouged fracture ≈ 30°/180° (6) gouge @ 30 cm f.w. Also: poor rec'v'y 65.5-67.1 (0.8/1.6 50%)	gradational
L	604	689		15	3G10		

Code	From	To	Recov.	No.	Unit	Description	FWOTC
	10 14 16 20 22 24 26 28 30 34 35						
						(5D4* intbd 67.9-68.3 //s2)	
L	68.9	69.9		116	10Q10	w/ steep fractures	
L	69.9	72.9		117	3G9?	Gouge. 10% of interval is intact phyllite w/ steep foliation. Is this S, predominating? Is this a fold nose? or is the steep foliation related to the faulting?	
						The H.W. etc of the gouge seems to be along a steep (25° to CA) in the 10Q0 though this could be drilling artifact. Minor siliceous pebbles in the gouge. Grey gouge bleaching to white @ f.w.	
L	72.9	73.7		118	4L10	incipient fracture-gouge-bxia @ 73.3m	Rubbed //s2
L	73.7	74.2		119	5C1*	w/ ank + marip	rubbed
L	74.2	78.3		120	4A113	(4L1 @ 30cm H.W.) Coarse + fine rubble: intermittant 74.2-75 complete 75-76 ± sandy gouge intermittant 76-78.3	rubbed
L	78.3	79.9		121	4E416	(porous rubble @ 78.6)	grad
L	79.9	81.1		122	4E41	(4E41 top half of interval) (possibly minor 4E46 in second half of interval)	
						thin well-healed std bxia @ f.w etc	bxia
L	81.1	89.9		123	4A41	w/ carbon + phyllitic partings + 342 finely interlam (minor 4A w/ no grade). Lower etc is interbedded 4A/4E 89.6-90.4	interbed
L	89.9	96.2		124	4E41	(4E4) (and 3 or 4 minor thin intbds of 5C1 dolomite + marip, in assoc w/ 10Q0) minor * CO ₂ gangue minor lubbled core esp ~94.5 → + minor porous.	gradations
L	96.2	97.5		125	4G41	(4E46 @ H.W.) 25% BaSO ₄ abundant orange sp	
L	97.5	98.8		126	4E41	(10Q0) (4G4) (4E4* c.c. gangue)	
L	98.8	101.8		127	4G41	(4E46) borderline 4G0-4G4; well healed bxia @ 101.4; slightly paler sphalerite (porous) than # 24	
L	101.8	107.5		128	4E41	(4E4) overall grade is 4E4 but visually the Pb Zn tend to concentrate in bands (4K0 101.9-107.2, then thin sporadic intbds)	

Code	From	To	Recov.	No.	Unit	Description	F.W.LTC
	10 14 16	20 22 24	26 28	30 34 35			
						ankerite healed bxia @ 107.0 (crack)	
L	1107.5	1110.4		29	5A01	(5BZ) locally dolomitic, locally non calc. ie ± *	
						minor gouge 107.8-108.0	
						incipient gouge @ 109.6	
						rubble-gouged fw	rubble-gouged
L	1110.4	1112.7		30	5D14*	ank w/ minor (4A3), + (4E7) (4K0)	//s2
L	1112.7	1115.6		31	5A16	gougey 113.4-113.8, 115.5-115.6	gouged
						→ 3G2	
L	1115.6	1118.6		32	3G10	gougey 116.-116.4	
						10G0 + 4L @ 40cm fw.	broken
L	1118.6	1119.7		33	4E*4	±1, (4K0 esp 118.3-118.6, similar to 4K in # 27)	broken
						↳ Co + FeMg CO ₃ 4E* cc	broken
L	1119.7	1120.4		34	3G10		broken
L	1120.4	1123.2		35	4E4	±7 (4L0, note that 4L0 tends to contact 4E vertically as though folding in + out of the DDH trajectory. Slightly bixiated @ F.W.	
						Assays show 4E4 though it's 4E0 visually.	broken
L	1123.2	1125.4		36	4G4 ⁰	±* locally calcareous	
						Note cc + mariposite fracture fillings, hairline	
L	1125.4	1129.0		37	4E4	w/ minor ankerite clasts + fracture fillings	
L	1129.0	1129.5		38	4C10	Not sericitic! 50:50 py:qtz grading to 4E1 @ fw.	
L	1129.5	1130.2		39	4A4	std rich, Al-phide + qtz poor	
L	1130.2	1131.3		40	4D0 ¹	4C0 w/ thin laminae of base metals [equivalent to 4D4 + 4C0 clasts in u129 by FAG]	4D4 + 4C0 logged by FAG
						↳ ~ 65:35 py:qtz	
						Some ankeritic fracture fillings	
L	1131.3	1133.1		41	4C*	bxia of 4C frags in ankeritic bxia-fill (4A3 → 4E1 132.6-132.9)	
						minor local graphite in the bxia	
L	1133.1	1136.1		42	4A3	→ 4C0	gradational
L	1136.1	1137.0		43	4C0	minor ankerite crackle fills	
						very minor graphite (4C5 → 4A3) @ fw	//s2
L	1137.0	1144.8		44	3G10	(3G9) Incipient gouge (//s2?) 137.2-137.7 (10G0 //s2)	
						EDH @ 144.8	

Structural Log

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.		S ₂ Dip Direct.		Description																				
	10	14	16	20			22	24	26	28		32	34	38	40	44															
S				98	PSZ					60		2310		} sfd's																	
S				165	CSZ					55		2310			} sfd's																
S				228	CSZ					60		230				} sfd's															
S				305	PSZ					80		2310					} sfd's														
S				386	PSZ					40		2310						} sfd's													
S				393	PSZ					60		230							} sfd's												
S				452	PSZ					50		2310								} sfd's											
S				506	PSZ					45		230									} sfd's										
S				560	PSZ					92		2310										} sfd's									
S				618	PSZ					55		2310											} sfd's								
S				684	PSZ					55		2310												} sfd's							
S				738	PSZ					60		2310													} sfd's						
S				792	PSZ					37		230														} sfd's					
S				850	PSZ					72		2310															} sfd's				
S				900	PSZ					52		230																} sfd's			
S				1030	PSZ					55		230																	} sfd's		
S				1097	PSZ					52		230																		} sfd's	
S				1114	PSZ					70		230																			} sfd's
S				1117	PSZ					66		2310																			
S				1123	PSZ					70		230		} sfd's																	
S				1129	PSZ					65		230			} sfd's																
S				1356	PSZ					70		230				} sfd's															
S				1410	PSZ					65		2310					} sfd's														
S				1442	PSZ					55		230						} sfd's													

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	
P		100		137	781913		137		114		41A11	(4A14) (4L1)	#1
P		137		161	781914		124		116		41A114	(4A14) (4L1)	#1
P		161		176	781915		115		115		41A10	sericitic + phyllitic	#2
P		176		197	781916		121		116		41A10	sericitic + phyllitic	#2
P		197		1122	781917		125		125		41A114	phyll + ser (4D8 → 4D4 ser.)	#3
P		1122		1152	781918		130		127		41A114	"	#3
P		1152		1174	781919		122		120		41A114	"	#3
P		1174		1194	781010		120		120		41A114	"	#3
P		1194		1209	81001		115		115		41A41	phyllitic	#4
P		1209		1229	81002		120		119		41A10	±4 +3GZ (4E4 35%)	#5
P		1229		1244	81003		115		115		41A10		#5
P		1244		1259	81004		115		113		41A10	4AE4	#5
P		1259		1274	81005		115		115		41A10		#5
P		1274		1283	81006		109		106		41A10		#5
P		1283		1300	81007		117		117		41D41	± sericite	#6
P		1300		1319	81008		119		119		41A41	(4D4)	#7
P		1319		1335	81009		116		116		41D415	carbon + phyllitic partings	#8
P		1335		1355	810110		120		119		41D415	"	#8
P		1355		1372	810111		117		117		41D415	"	#8
P		1372		1385	810112		113		113		41D415	"	#8
P		1385		1403	810113		118		118		41D415	"	#8
P		1403		1421	810114		118		118		41A41	+3GZ (4E4 15%) 4AE4	#9
P		1421		1439	810115		118		117		41A41	+3GZ (4E4 15%)	#9
P		1439		1457	810116		118		118		41D415	phyll partings, (4A4+3GZ)	#10
P		1457		1472	810117		115		115		41D415	"	#10
P		1472		1488	810118		116		115		41D415	"	#10
P		1488		1507	810119		119		119		41D415	"	#10
P		1507		1514	810210		107		107		41A114	carbon, py	#11
P		1514		1533	810211		119		119		41L11		#12
P		1533		1549	810212		116		115		41L11		#12
P		1549		1568	810213		119		119		41L11		#12
P		1568		1583	810214		115		115		41A11	+3GZ, phyllitic	#13

#1

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
P	74	2	76	2	8025		20		20		4A13	(4L) 2 milled	#20
P	76	2	78	3	8026		21		21		4A13	3	#20
P	78	3	79	9	8027		16		16		4E46		#21
P	79	9	81	1	8028		12		12		4E4	(4E4, 4E46?)	#22
P	81	1	83	0	8029		19		18		4A4 ⁰	phal + carbon pellets, +3GZ, (4A0)	#23
P	83	0	85	3	8030		23		23		4A4	"	#23
P	85	3	87	5	8031		22		22		4A4 ⁰	"	#23
P	87	5	89	9	8032		24		22		4A4	"	#23
P	89	9	91	4	8033		15		15		4E4	± * (4E0) (5C*dolo)	#24
P	91	4	93	0	8034		16		15		4E4	"	#24
P	93	0	94	5	8035		15		15		4E4 ⁰	"	#24
P	94	5	96	2	8036		17		17		4E4	"	#24
P	96	2	97	5	8037		13		13		4G4	(4E46)	#25
P	97	5	98	8	8038		13		11		4E4	(10G0) (4G4) (4E4* to gangue)	#26
P	98	8	100	3	8039		15		15		4G4	(4E46)	#27
P	100	3	101	8	8040		15		15		4G4	(4E46)	#27
P	101	8	103	6	8041		18		16		4E4	(4E0) (4K0)	#28
P	103	6	105	2	8042		16		16		4E4	"	#28
P	105	2	107	5	8043		23		23		4E4	"	#28
P	111	86	111	97	8044		11		11		4E4* ⁴	± 1 cc (4K0)	#33
P	111	97	112	0	8045		07		06		3G0		#34
P	112	0	112	19	8046		15		15		4E4	± 7 (4L0)	#35
P	112	19	112	32	8047		13		13		4E4		#35
P	112	32	112	54	8048		22		20		4G4 ⁰	± * cc	#36
P	112	54	112	73	8049		19		19		4E4	(ank)	#37
P	112	73	112	90	8050		17		17		4E4	"	#37
P	112	90	112	95	8051		05		05		4C0	(4E1)	#38
P	112	95	113	02	8052		07		07		4A4		#39
P	113	02	113	13	8053		11		10		4D ⁰		#40
P	113	13	113	31	8054		18		17		4C*	bxia, (4A3)	#41
P	113	31	113	46	8055		15		15		4A13	→ 4C0	#42
P	113	46	113	61	8056		15		15		4C0	ank, (4A13)	#43
P	113	61	113	70	8057		09		09		4C0	"	#43

#2

#3

Meters

FAULT

DDH EAGU 126
2 8

Cyprus Anvil Mining Corp.

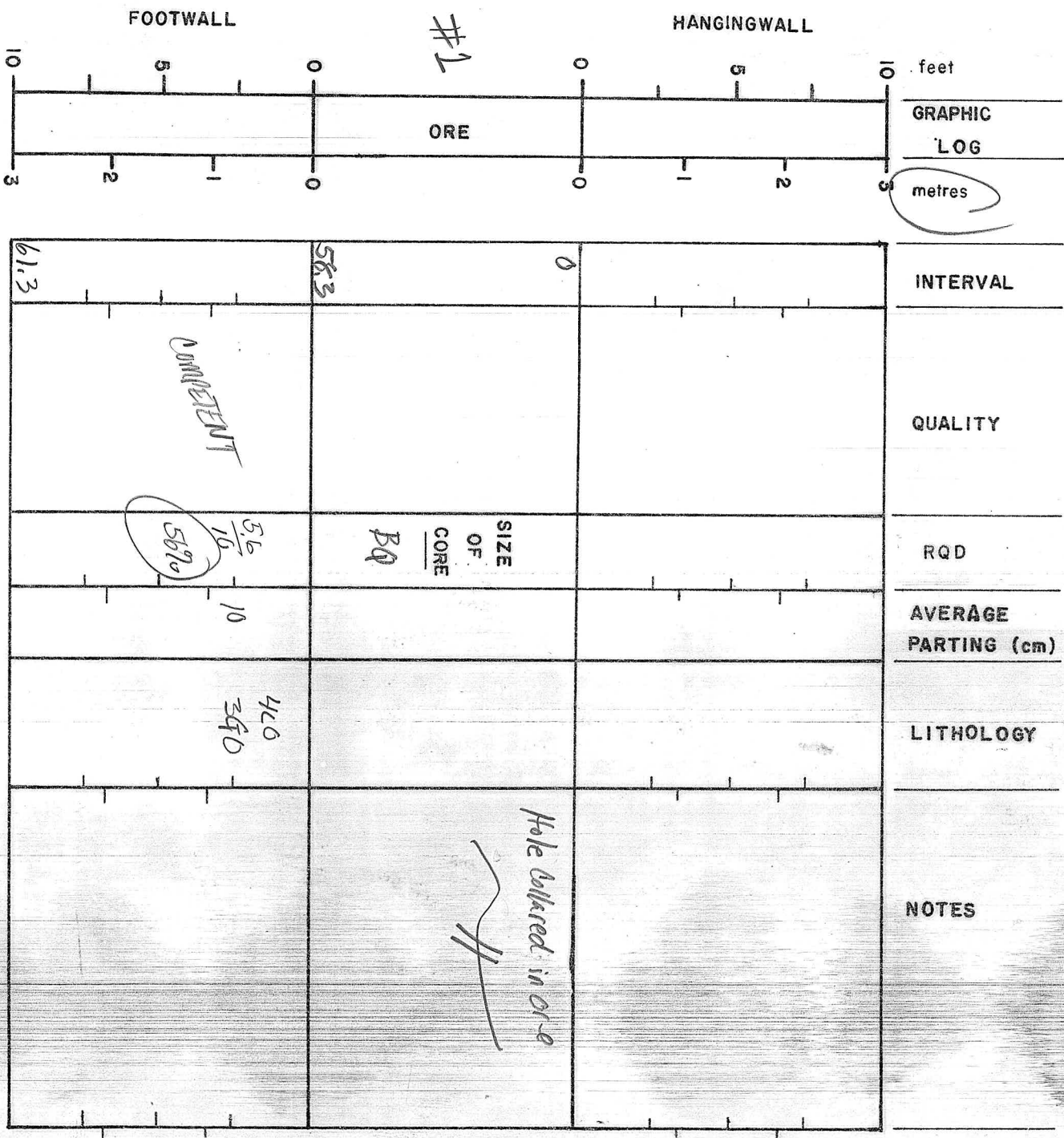
Page _____ of _____

Structural Log

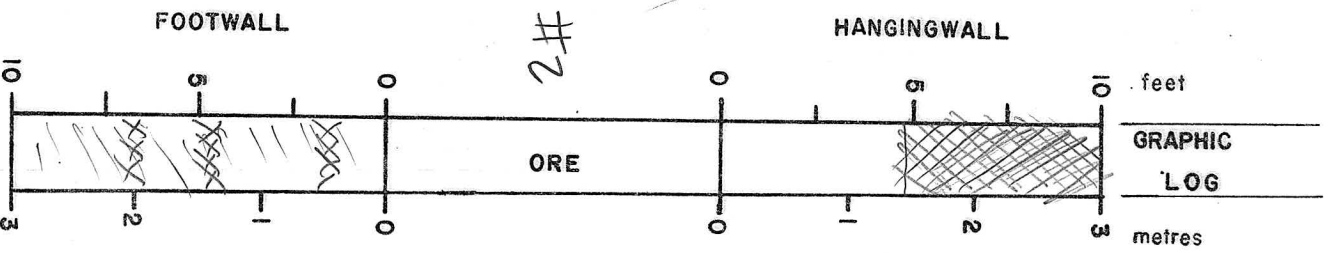
Date: 3 Nov / 83 Logged By: _____

Code	From				To				Feature	S.E.	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F		100		130	P												poor recovery
F		100		161	T												core mostly porous chipped
F				1583	QIX												crackle brae filled w/ py - 5cm
F	162	3		1624	G					919	919	919					gauge // S ₂ ?
F				1628	GN					110	010	010					gauged fracture @ 10° C.A.
F	163	2		1634	G												gauge possibly steep
F				1637	J					310	1810						fracture
F				1637	J					310	1810						slightly gauged fracture
F				1618	G												gauge
F	165	5		1671	P		5										50% recovery
F	168	9		1699	Q												1000 w/ steep fractures
F	169	9		1729	G												gauge - steep?!
F				1733	JIGX												incipient fracture - gauge - brae
F	174	2		1750	R												
F	175	0		1760	RGG												rubble + sandy gauge
F	176	0		1783	R												rubble
F				1786	R												porous rubble
F				1811	XID?												thin, well-healed sulphide
																	brae
F				1945	R												rubbled core
F				11014	XID?												well-healed brae
F				11070	XIQ												ankerite healed crackle brae
F	11078			11080	IG												minor gauge
F				11096	IG												incip gauge
F				11104	GRI												rubble, gauged @ footwall
F	11134			11138	G												} gougey
F	11155			11156	G												
F	11160			11164	G												gougey
F	11313			11331	X												4C frags in ankerite brae fill
	11372			11377	IG												incipient gauge

GEOTECHNICAL LOG

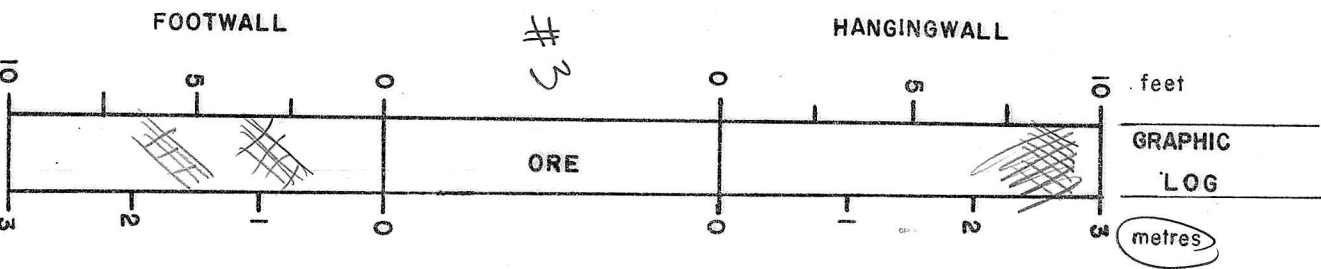


GEOTECHNICAL LOG



INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
71.2	6046 INCOMPETENT Relatively comp	19/10 99%	0 8	342? 4L0 50X	
1075	well parted on S ₂ minor broken gonged core	RQD 0	300	5K0 5B2	
110.5					

GEOTECHNICAL LOG



INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
115.6	Minor gouge } COMP.	2 1/10 21% 21%	7 cm	390	
118.6		SIZE OF CORE BQ			
137	minor broken core + gouge	1.5 10 15%	5 cm	390 (392)	
140					

DDH: FAGU126 -- 42 DEGREE PROFILE

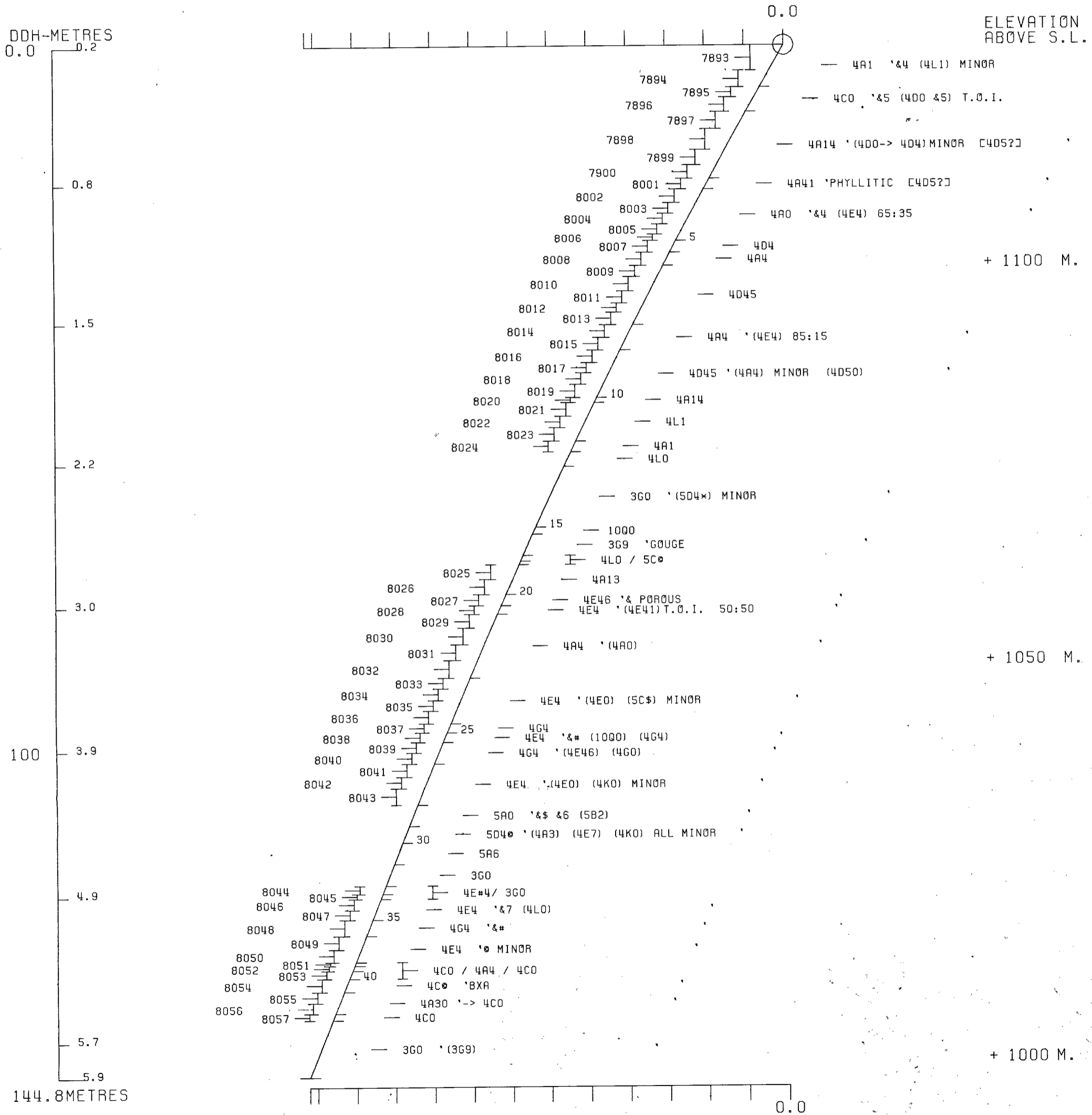
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1127 \ 592288E ; 905069N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

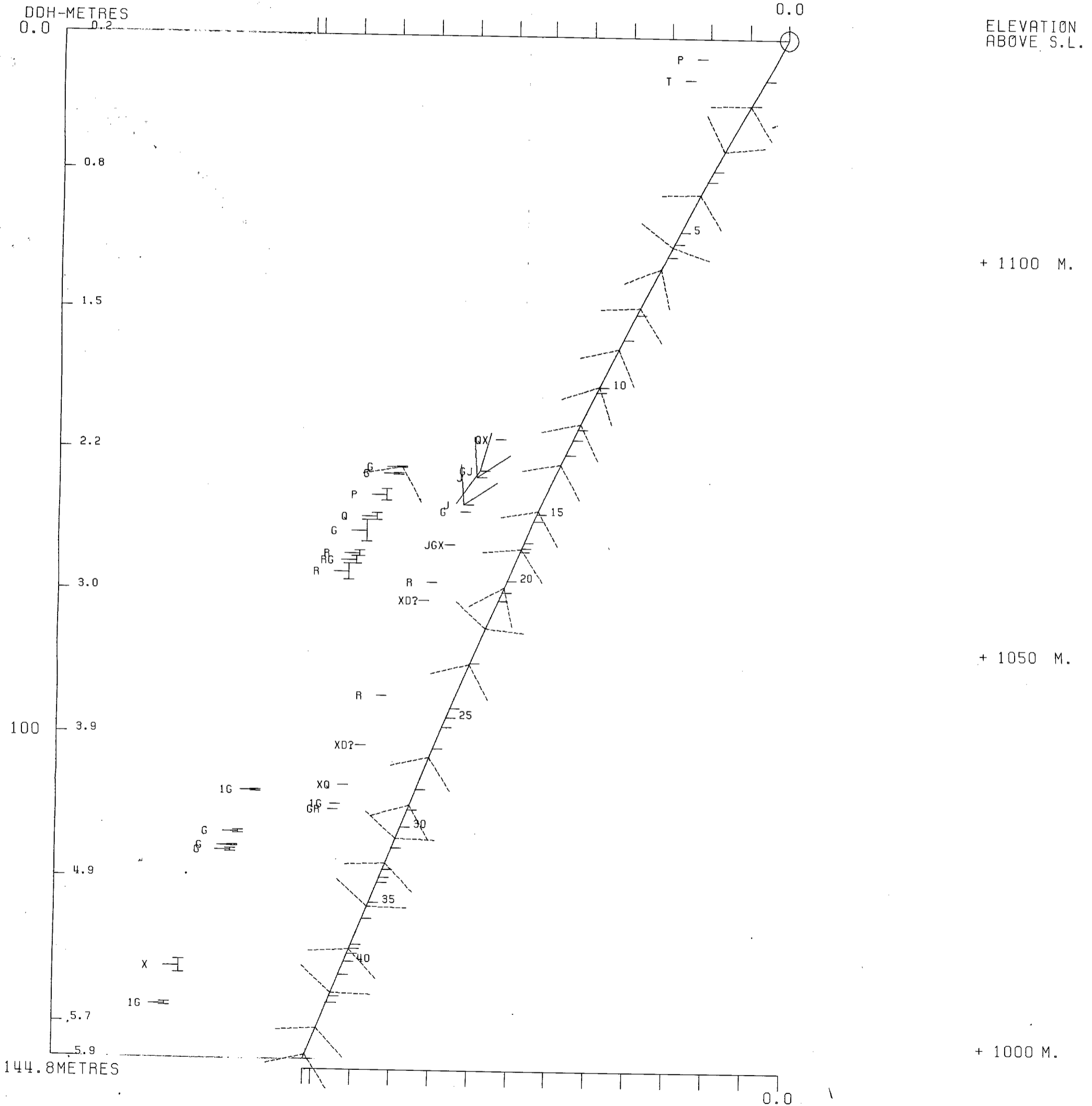
CORRECTED COLLAR POSITION: X = 544.5 Z = 1127.4

SECTION NAME: 76W



DDH: FAGU126 -- 42 DEGREE PROFILE (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1127 592288E ; 905069N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 544.5 Z = 1127.4
 SECTION NAME: 76W



DRILL HOLE : FAGU128
NORTHING : 905,069.5
EASTING : 592,289.1
ELEVATION : 1,127.4
TOTAL DEPTH : 83.7
SECTION : W 76
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: 42
NOS DOWN-H-STRUCTURE: 44
NOS DOWN-H-FAULTS: 21
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

21NOV83 GRUM

ORE SAMPLES & ASSAYS (DH020)

PAGE: 39

DDH: FAGU128 UTM-N: 905,069.5 UTM-E: 592,289.1 UTM-ELEV: 1,127.4 TOTAL DEPTH: 83.7 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT. REC.	ROCK UNIT	S.G. PULP	-----ASSAYS-----														
FROM	TO					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	3.6	07374	3.6	.4	4A0	3.02	.04	1.91	2.20	27.00		.81	1	6	8					
3.6	5.0	07375	1.4	1.4	4A4	3.24	.08	2.95	4.29	55.00		1.10		10	11					
5.0	6.5	07376	1.5	1.5	4A4	3.41	.08	2.95	5.67	55.00		.89		14	15					
6.5	8.0	07377	1.5	1.5	4A4	3.10	.05	1.91	3.99	31.99		.68		8	9					
8.0	9.5	07378	1.5	1.5	4A4	3.04	.07	2.18	3.79	37.00		.89		6	7					
9.5	11.1	07379	1.6	1.6	4A4	3.37	.05	2.52	4.09	40.00		.89		4	5					
11.1	13.3	07380	2.2	2.2	4A0	2.89	.02	1.87	3.10	25.00	27.99	.55		3	4					
13.3	14.8	07381	1.5	1.2	4A14	2.95	.02	1.88	3.99	26.00		.81		3	4					
14.8	16.7	07382	1.9	1.9	4A14	3.20	.02	1.39	4.40	29.99		.81		10	11					
16.7	18.7	07383	2.0	1.5	4D4\$	3.79	.05	7.78	9.09	127.99		1.64	1	17	18					
18.7	19.6	07384	.9	.9	4D0	3.31	.05	4.53	3.79	53.00		1.37	1	11	12					
24.5	26.5	07385	2.0	1.9	4A14	3.66	.16	2.75	3.60	48.00		1.78	18	1	20					
67.5	67.8	07386	.3	.3	4A4		.05	4.63	8.40	92.00										
69.7	70.6	07387	.9	.9	4D4	3.64	.10	6.41	10.19	97.00		1.51	1	15	16					
70.6	72.0	07388	1.4	1.4	4A14	3.79	.11	4.32	4.50	76.00		2.19	1	21	22					
72.0	74.7	07389	2.7	2.5	4D4@	3.79	.10	7.25	9.59	103.00		2.06	1	16	18					
74.7	76.3	07390	1.6	1.6	4D4	3.68	.08	6.21	10.09	90.00		1.85	1	14	16					
76.3	77.6	07391	1.3	1.3	4D4@	3.54	.08	5.46	9.90	87.00		1.64	1	12	14					
77.6	78.9	07392	1.3	1.0	5A0	3.04	.02	3.06	3.70	48.00		.40	2	4	6					
79.4	81.6	07393	2.2	2.2	4GE4	4.63	.08	5.25	10.69	92.00		1.37		19	20					
81.6	82.5	07394	.9	.8	4G4@	4.63	.08	5.46	10.40	100.00		1.30	1	26	27					
82.5	83.8	07395	1.3	1.3	4G4	4.66	.11	6.83	10.50	102.00	104.00	1.64		18	19					
WEIGHTED AVERAGE																				
.0	19.6		19.6	15.6		3.19	.04	2.80	4.25	44.84	3.14	.92	1	8	9					
24.5	26.5		2.0	1.9		3.66	.16	2.75	3.60	48.00		1.78	18	1	20					
67.5	67.8		.3	.3			.05	4.63	8.40	92.00										
69.7	78.9		9.2	8.7		3.61	.08	5.70	8.17	86.01		1.69	1	14	16					
79.4	83.8		4.4	4.3		4.64	.09	5.76	10.57	96.59	30.72	1.43		20	21					

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DOWN-HOLE SURVEYS (DHO20)

PAGE: 40

DDH: FAGU128 UTM-N: 905,069.5 UTM-E: 592,289.1 UTM-ELEV: 1,127.4 TOTAL DEPTH: 83.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	150.000	44.000

21NOV83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 41

DDH: FAGU128 UTM-N: 905,069.5 UTM-E: 592,289.1 UTM-ELEV: 1,127.4 TOTAL DEPTH: 83.7 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.6	0001	4A0	(5D4*)	0.5-	1
8.0	0002	4A4	(4D4)	0.5-	1
11.1	0003	4A4	(4L0) BXA	0.5-	1
13.3	0004	4A0	PHYLLITIC [4C5?]	0.5-	1
16.7	0005	4A14	PHYLLITIC [4D5?]	0.5-	1
18.7	0006	4D4\$	(4D46)	0.5-	1
19.6	0007	4D0	(5D4*)	0.5-	1
19.9	0008	4L5	BXA	0.5-	1
23.1	0009	5B62	(10Q0)	0.5-	1
24.5	0010	5D4@	(10Q0)	0.5-	1
24.8	0011	4D0		0.5-	1
26.5	0012	4A14	(10Q0)(4D*) E.O.I. [4D5?]	0.5-	1
27.2	0013	5B6	GOUGE	0.5-	1
29.1	0014	5B6		0.5-	1
32.0	0015	5B62		0.5-	1
32.9	0016	5B6	BXA GOUGE	0.5-	1
35.2	0017	5B6	(10Q0) (5D4*)	0.5-	1
36.4	0018	5B6	(5D4*) 75:25	0.5-	1
41.2	0019	5B62		0.5-	1
44.3	0020	5B6		0.5-	1
45.7	0021	5B62		0.5-	1
48.8	0022	5B6	(5B68)	0.5-	1
50.0	0023	5B6	(10Q0 CHLOR) 60:40	0.5-	1
52.2	0024	5B6	(5B68)	0.5-	1
53.0	0025	5B62	(5B6)	0.5-	1
57.0	0026	5B6	(10Q0) (5B68)	0.5-	1
58.5	0027	5B6	(10Q0)	0.5-	1
63.0	0028	5B6	82 (10Q0) 95:05	0.5-	1
66.2	0029	5B4@		0.5-	1
67.5	0030	5A6		0.5-	1
67.8	0031	4A4		0.5-	1
69.7	0032	5D4	(5D4@) 90:10	0.5-	1
70.6	0033	4D4		0.5-	1
72.0	0034	4A14	(4D4)	0.5-	1
74.7	0035	4D4@		0.5-	1
76.3	0036	4D4	(4A14)	0.5-	1
77.6	0037	4D4@	BXA	0.5-	1
78.7	0038	5A0	BXA (4A4 CLASTS) (4L2)	0.5-	1
79.4	0039	5A0		0.5-	1
81.6	0040	4G4	(4E4) 75:25	0.5-	1
82.5	0041	4G4@	& POROUS	0.5-	1
83.8	0042	4G4		0.5-	1

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DOWN-HOLE STRUCTURE (DH020)

PAGE: 42

DDH: FAGU128 UTM-N: 905,069.5 UTM-E: 592,289.1 UTM-ELEV: 1,127.4 TOTAL DEPTH: 83.7 SECTION: W 76
 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
FAGU128	0.0	3.9	CS2	M	0	0	0	0	50	230	0		1	1	1
FAGU128	0.0	4.1	PS2	P	0	0	0	0	45	230	C		1	1	1
FAGU128	0.0	7.8	PS2	P	0	0	0	0	60	230	0		1	1	1
FAGU128	0.0	9.1	PS2	P	0	0	0	0	60	230	0		1	1	1
FAGU128	0.0	11.8	CS2	M	0	0	0	0	65	230	0		1	1	1
FAGU128	0.0	16.3	PS2	P	0	0	0	0	55	230	0		1	1	1
FAGU128	0.0	18.9	CS2	Z	0	0	0	0	35	230	0		1	1	1
FAGU128	0.0	19.9	CNT		45	0	0	0	60	230	C		1	1	1
FAGU128	0.0	21.0	CS2	S	0	0	0	0	60	230	0		1	1	1
FAGU128	0.0	22.6	CS2	S	0	0	0	0	60	230	C		1	1	1
FAGU128	0.0	24.3	PS2	P	0	0	0	C	70	230	0		1	1	1
FAGU128	0.0	28.7	CS2	S	0	0	0	C	70	230	0		1	1	1
FAGU128	0.0	29.4	CS2	Z	0	0	0	0	70	230	C		1	1	1
FAGU128	0.0	29.9	CS2	3	0	0	0	0	80	230	0		1	1	1
FAGU128	0.0	31.2			0	0	0	0	90	230	0		1	1	1
FAGU128	0.0	32.1	PS2	P	0	0	0	C	60	230	C		1	1	1
FAGU128	0.0	33.6	CS2	S	0	0	0	0	60	230	C		1	1	1
FAGU128	0.0	35.5	CS2	S	0	0	40	0	60	230	0		1	1	1
FAGU128	0.0	37.8	CS2	Z	0	0	0	0	60	230	C		1	1	1
FAGU128	0.0	40.4	CS2	Z	0	0	0	0	60	230	0		1	1	1
FAGU128	0.0	42.3	PS2	P	0	0	0	0	50	230	C		1	1	1
FAGU128	0.0	42.7	CS2	E	0	0	0	0	50	230	C		1	1	1
FAGU128	0.0	45.1	CS2	M	0	0	0	0	35	230	C		1	1	1
FAGU128	0.0	45.6	CS2	S	0	0	15	G	60	230	C		1	1	1
FAGU128	0.0	46.6	CS2	M	0	0	0	0	65	230	0		1	1	1
FAGU128	0.0	48.5	CS2	E	0	0	0	0	65	230	C		1	1	1
FAGU128	0.0	50.6	CS2	S	0	0	0	0	60	230	C		1	1	1
FAGU128	0.0	51.8	CS2	M	0	0	0	0	65	230	0		1	1	1
FAGU128	0.0	54.1	CS2	Z	0	0	0	0	70	230	0		1	1	1
FAGU128	0.0	54.4	CS2	3	0	0	0	0	60	230	0		1	1	1
FAGU128	0.0	55.1	CS2	M	0	0	0	0	75	230	C		1	1	1
FAGU128	0.0	56.6	CS2	M	0	0	0	0	75	230	C		1	1	1
FAGU128	0.0	59.2	CS2	S	0	0	0	0	60	230	C		1	1	1
FAGU128	0.0	59.6	CS2	M	0	0	0	0	55	230	C		1	1	1
FAGU128	0.0	61.4	CS2	3	0	0	0	0	35	230	0		1	1	1
FAGU128	0.0	63.5	PS2	P	0	0	0	0	35	230	0		1	1	1
FAGU128	0.0	65.4	PS2	P	0	0	0	0	70	230	C		1	1	1
FAGU128	0.0	66.2	PS2	P	0	0	0	0	65	230	C		1	1	1
FAGU128	0.0	69.9	PS2	P	0	0	0	0	60	230	C		1	1	1
FAGU128	0.0	72.0			0	0	0	0	90	230	C		1	1	1
FAGU128	0.0	73.9	PS2	P	0	0	0	G	65	230	C		1	1	1
FAGU128	0.0	76.1	PS2	P	0	0	0	C	40	230	0		1	1	1
FAGU128	0.0	82.1	PS2	P	0	0	0	G	70	230	0		1	1	1
FAGU128	0.0	83.3	PS2	P	0	0	0	C	70	230	0		1	1	1

21NOV83 GRUM

DOWN-HOLE FAULTS (DH020)

PAGE: 43

DDH: FAGU128 UTM-N: 905,069.5 UTM-E: 592,289.1 UTM-ELEV: 1,127.4 TOTAL DEPTH: 83.7 SECTION: W 76
 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			
FAGU128	0.0	3.6	RP	1		0	0	C	C	0	0	1
FAGU128	8.0	11.1	XF			0	0	10	C	0	0	1
FAGU128	0.0	11.8	S			0	0	9C	C	0	0	1
FAGU128	0.0	12.2	X			0	0	C	C	0	0	1
FAGU128	15.1	15.6	X			0	0	C	C	0	0	1
FAGU128	15.9	16.2	X			0	0	0	0	0	0	1
FAGU128	16.6	16.7	X			0	0	0	0	0	0	1
FAGU128	0.0	19.2	Q			0	0	99	999	0	0	1
FAGU128	19.6	19.9	X			0	0	C	0	0	0	1
FAGU128	26.5	27.2	GF			99	999	0	C	0	0	1
FAGU128	0.0	28.7	J			0	0	25	270	0	0	1
FAGU128	30.7	31.2	J			0	0	0	0	0	0	1
FAGU128	32.0	32.9	XG			25	350	0	0	0	0	1
FAGU128	39.0	39.7	GQ			0	0	99	999	0	0	1
FAGU128	42.2	42.7	S			0	0	15	20	0	0	1
FAGU128	0.0	43.0	G			0	0	0	0	0	0	1
FAGU128	43.7	44.3	G			0	0	C	0	0	0	1
FAGU128	57.0	57.5	S			0	0	0	0	0	0	1
FAGU128	76.3	77.6	XQ			0	0	0	C	0	0	1
FAGU128	77.6	78.9	XF			0	0	0	0	0	0	1
FAGU128	0.0	82.2	X			0	0	0	0	0	0	1

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DOWN-HOLE SPLINES (DH020)

PAGE: 44

DDH: FAGU128 UTM-N: 905,069.5 UTM-E: 592,289.1 UTM-ELEV: 1,127.4 TOTAL DEPTH: 83.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU128 1 1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 11:18:45

DIAMOND DRILL CORE LOG

Date: July 24/81

Hole Number: FAGU 128 (76-U-128) Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: _____

UTM
Conversion of
K.A. Survey grid
co-ords
Terr. Plane
Co-ords:
Grid
Co-ords:

6905069.5 N

592289.1 E

5 + 19.3 N

76 W

Elevation: 1127.4 m

Total Depth: 83.8 m

Purpose: _____

Reason hole Terminated: Good ?

Logged by: RST

Date(s) Logged: July 24 / 1981

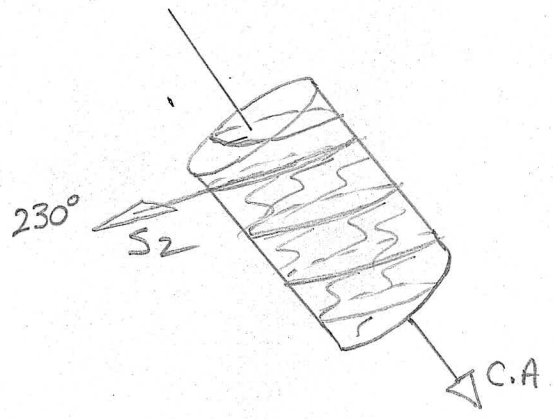
Drilling Contractor: Cameron & McCutcheon

Size	CORE From	To	Collar Cased and Capped:
<u>BQ</u>	<u>collar</u>	<u>EOH</u>	_____
_____	_____	_____	_____
_____	_____	_____	_____

Hole Cemented: _____

Steel down hole: _____

Started: July 2, 76 Completed: July 3, 76



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

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	00			36						1	4A, 9	(5D4*) 0.4 m Rec. Core ground, fragment of 5D4* which is buff-tan colour weakly reactive to 10% HCl (amphibitic)
L	35			80						2	4A, 4	(4D4) Essentially typical 4A with shaly intervals (4.9-5.4) with more SiO ₂ less graphite than rest of section.
L	80			111						3	4A, 4	(4L) Bx and fault zone. This section is quite intensely ground in places. lighter in colour to preceding section due to ground Qtz and weak alteration @ 9.8m, 0.1m black gouge zone. Lower contact bxtal 4A. Phyllitic
L	111			133						4	4A, 9	Essentially phyllitic 4A. bxtal @ 12.2m (0.1m)
L	133			167						5	4A, 14	Siliceous phyllitic 4A. sph-gn present sph dark brown. bxtal 15.1-15.6, 15.9-16.2, 16.6-16.7
L	167			187						6	4D, 4*	(4D46) Upper section to 18.4 sph dark brown weakly dolomitic, lower part of section more base metal rich + pyrite vs silica than upper section. 0.1m here with banded in groundmass sharp lower contact (noted in frac)
L	187			196						7	4D, 0	(5D4*) upper 2m of section 5D4* with incipient talc spots. 19.2 fold nose. bxtal lower cut
L	196			199						8	4L, 5	bxtal lower contact sharp SA over 0.05m.
L	199			231						9	5B, 6, 2	(000) 4L. Qtz veins avg. 0.1m width / 2m of section weak 4L alteration close to veins. transitional contact to next unit
L	231			245						10	5B, 4*	(000) similar texture to previous unit with similar Qtz vein spacing. amphibitic partings. Lower Contact sharp
L	245			248						11	4D, 0	lower contact Qtz vein, sericite partings
L	248			265						12	4A, 14	(000) (4D*) Qtz veins over 3m (at top of section) HA siliceous with narrow graphitic partings ep noted on fractures Lower 1.2m 4D*
L	265			272						13	5B, 6	Gouge and fault zone 0.2m 5B6 in centre of section.
L	272			291						14	5B, 6	0.2m Qtz vein @ 28.7 lower cut gradational

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	291	320		15	5B,62	tension gashes 30.7-31.2
L	320	329		16	5B,6	Bx and gouge zone
L	329	352		17	5B,6	(000) 5D4x 33.3, 33.7, 33.8, 34.2, 34.6, 35m. 5D4x is at lower 0.2m of section. This zone is prob related to preceding fault zone. lower cut qtz vein.
L	352	364		18	5B,6	(5D4x) 5D4x at lower 0.3m of section similar to that in unit 17. Poss fold repeat
L	364	412		19	5B,62	Qtz vein 37.4 Qtz vein gouged zone sub// core axis 39.0-39.7 lower cut qtz vein
L	412	443		20	5B,6	42.2-42.7 shear sub// core axis, gouge 43m, 43.7-44.3 sub// core axis
L	443	457		21	5B,62	gradational lower cut.
L	457	488		22	5B,6	(5B68) incipient chlorite in places.
L	488	500		23	5B,6	(000, 5B68) 40% section qtz. chlorite at margins of qtz veins.
L	500	522		24	5B,6	(5B68) incipient chl. in places of unit 22 lower cut gradational.
L	522	530		25	5B,62	(5B6)
L	530	570		26	5B,6	(000, 5B68) qtz veins 1m - 0.05m thick, for 20% of section. Most towards middle of section sub// S2
L	570	585		27	5B,6	(000) sheared zone. 57-57.5 py at upper & lower cut in fractures Qtz 5% section
L	585	630		28	5B,6	(5B62, 000) Qtz veins 5% of section interbanded 5B6-5B62 lower cut transitional
L	630	662		29	5B,4x	ank. present no laminations on S2 upper 0.3m fracture ank. sealed. Lower 0.4m narrow qtz veins transitional to next unit.
L	662	675		30	5A,6	Lower cut qtz vein.
L	675	678		31	4A,4	
L	678	697		32	5D,4	(5D4x) Lower 0.2m 5D4x ank. to unit chlorite bands.
L	697	706		33	4D,4	Py sph, qtz bands sericite partings
L	706	720		34	4A,14	(4D4) Siliceous 4A with granitic partings

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	720	747		35	4D4*	and narrow intervals of 4D4 70.9-71.1, 71.4 (0.1) ⁱⁿ ^{veinlets} ^{and} ^{clots} ankeritic fractured with ank. as veinlets and clots.
L	747	763		36	4D4	(4A14) Essentially 4D4 with narrow intervals with graphite wssps
L	763	776		37	4D4*	Bx ankerite in fractures and interstices of br this weakly brkd section just above the following fault zone.
L	776	789		38	5A1	(4A4) (4L2) Fault zone upper 0.4 m 4L2, remaining section essentially 5A with mineralised fragments with 4D4 aspect except for graphitic material enclosed.
L	789	794		39	5A1	
L	794	816		40	4G4	(4E4) Typical 4G4 with honey 7 sph. 4E4 @ 80.9-81.2 with trace sph agn in tension gashes sub/SZ
L	816	825		41	4G4*	porous. First 0.6m of section is porous with ank. clots approaching 4K. Dolomitic reaction possibly barite calc. in groundmass. Bx at 82.2.
L	825	838		42	4G4	
						End of Hole.

Structural Log

Code	From				To				Feature	S ₁ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	10	14	16	20	22	24	26	28					
S				3	9			CS, ZM				50	4A
S				4	1			INDR				45	4A
S				7	8			INDP				60	4A
S				9	1			FLT	10	00			Shear within box zone Ndr good determination.
S				9	1			INDP				60	
S				11	8			CS, ZM				65	
S				11	8			SH, R	90	00, 0			Healed str. displacing S ₂
S				16	3			INDR				55	4A
S				18	9			CS, Z, Z				35	S. <i>judged</i>
S				19	2			VN					Sub// to S ₂ @ the veins.
S				19	9			CNT	45	00		(60)	S ₀ contact between S ₁ D & S ₁ A sub// S ₂
S				21	0			CS, Z, S				60	
S				22	6			CS, Z, S				60	
S				24	3			INDP				70	Veins to 1m above this point Sub// to S ₂
S				26	5								box fill zone sub// S ₂
S				28	7			CS, Z, S				70	
S				28	7			FRC	25	270			Fracture
S				29	4			CS, Z, Z				70	
S				29	9			CS, Z, Z				80	
S				31	2			INDH					
S				32	1			INDP				60	
S				32	1			FRC	25	350			Fracture at start of fault zone
S				33	6			CS, Z, S				60	
S				35	2			VN					@ the vein sub// S ₂
S				35	5			CS, Z, S			40	00, 0	60 S ₁ shear dip also noted
S				37	8			CS, Z, Z				60	Vein in fault zone
S	39	1		39	6			VN	70	00			
S				40	4			CS, Z, Z				60	
S				42	3			FRC	15	20			
S				42	3			INDP				50	
S				42	7			CS, Z, E				50	
S				45	1			CS, Z, M				35	
S				45	6			CS, Z, S	15	00		60	S ₁ shear dip also note

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.		S ₂ Dip Direct.		Description			
	10	14	16	20			22	24	26	28		32	34	36
S				46	6 CSZ	M						65		
S				48	5 CSZ	E						65		
S				50	6 CSZ	S						60		
S				51	8 CSZ	M						65		
S				54	1 CSZ	Z						70		
S				54	4 CSZ	Z						60		
S				55	1 CSZ	M						75		
S				56	6 CSZ	M						75		
S				57	2 FRC		30	20						
S				59	2 CSZ	S						60		
S				59	6 CSZ	M						55		
S				61	4 CSZ	Z						35		
S				63	5 INDP							35		
S				65	4 INDP							70		
S				66	2 INDP							65		
S				69	9 INDR							60		compositional banding
S				72	0 INDH									S2 ⊥ to c.a.
S				73	9 INDR							65		compositional banding
S				76	1 INDR							40		" "
S				77	6 FRC									frac. adj. to Ft zone 45° to c.a.
S				82	1 INDR	R						70		
S				83	3 INDR	R						70		Compositional banding
							END OF					HOLE		

54.4

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
P		00		36	7,3,7,4		36		04	4A,0	(504) Poor rec.	
P		36		50	7,3,7,5		14		14	4A,1		
P		50		65	7,3,7,6		15		15	4A,1		
P		65		80	7,3,7,7		15		15	4A,1		
P		80		95	7,3,7,8		15		15	4A,1	(4L)	
P		95		111	7,3,7,9		16		16	4A,1	(4L)	
P		111		133	7,3,8,0		22		22	4A,0		
P		133		148	7,3,8,1		15		12	4A,1	4	
P		148		167	7,3,8,2		19		21	4A,1	4	
P		167		187	7,3,8,3		20		15	4D,1	(4D4)	
P		187		196	7,3,8,4		09		09	4D,0	(5D4)	
P		245		265	7,3,8,5		20		19	4A,1	(400, 404, 406) 24.5-24.8 H-DO unit 11	
P		675		678	7,3,8,6		03		03	4A,1		
P		697		706	7,3,8,7		09		09	4D,0	4	
P		706		720	7,3,8,8		14		14	4A,1	4 (4D4)	
P		720		747	7,3,8,9		27		25	4D,1	4*	
P		747		763	7,3,9,0		16		16	4D,1	4 (4A14)	
P		763		776	7,3,9,1		13		13	4D,1	4* Bx	
P		776		789	7,3,9,2		13		10	5A,1	(4A4, 4L2)	
P		794		816	7,3,9,3		22		22	4G,1	4 (4E4)	
P		816		825	7,3,9,4		09		08	4G,1	4*	
P		825		838	7,3,9,5		13		13	4G,1	4	
											End of Hole	

Meters

FAULT

DDH EAG.U.128
2 8

Cyprus Anvil Mining Corp.

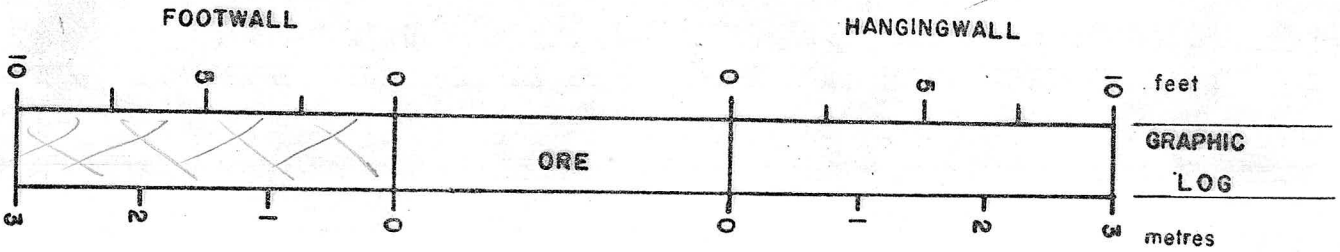
Page _____ of _____

Structural Log

Date: 3 Nov/83 Logged By: _____

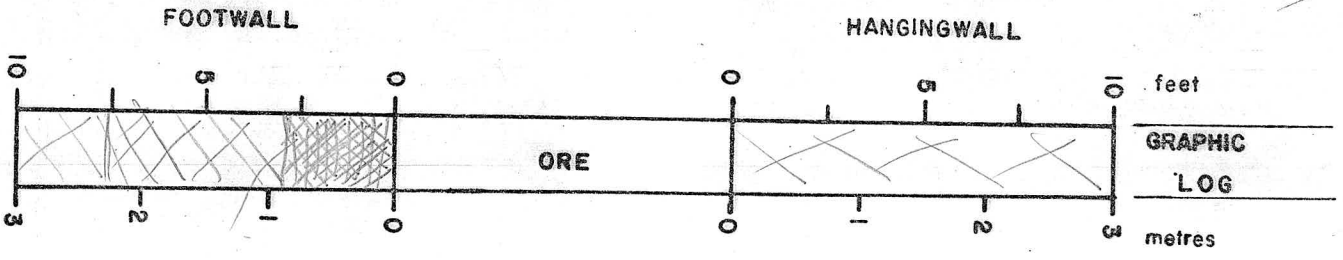
Code	From				To				Feature	S/E	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F		10	0		13	6	RIP	1									ground core, poor recovery
																	11% recovery
F		18	0		11	1	XIF				110	0	0	0			bxa & fault zone - locally quite intensely ground
F					12	2	XI										bxa
F		15	1		15	6	XI										} bxa
F		15	9		16	2	XI										
F		16	6		16	7	XI										
F		19	6		19	9	XI										bxa in 4k
F		26	5		27	2	GF		9	9	9	9					gouge & fault zone
F		30	7		31	2	J										transition gouges
F		32	0		32	9	XIG		2	5	3	5	0				bxa & gouge zone
F		39	0		39	7	GQ				9	9	9	9			qtz vein & gouged zone
																	sub // S ₂
F		42	2		42	7	SI				1	5	0	2	0		shear sub // core axis
F					43	0	G										} gouge sub // C.A.
F		43	7		44	3	G										
F		57	0		57	5	SI										sheared zone
F		76	3		77	6	XIQ										weakly bixial w/ ankerite in fractures & interstices
F		77	6		78	9	XIF										fault zone, SA w/ mineralized frags.
F					82	2	XI										bxa
F					11	8					9	10	0	10			shear-healed, displacing S ₂
F					19	2	Q				9	9	9	9			qtz vein sub // S ₂
F					28	7	J				2	5	2	7	0		fracture

GEOTECHNICAL LOG



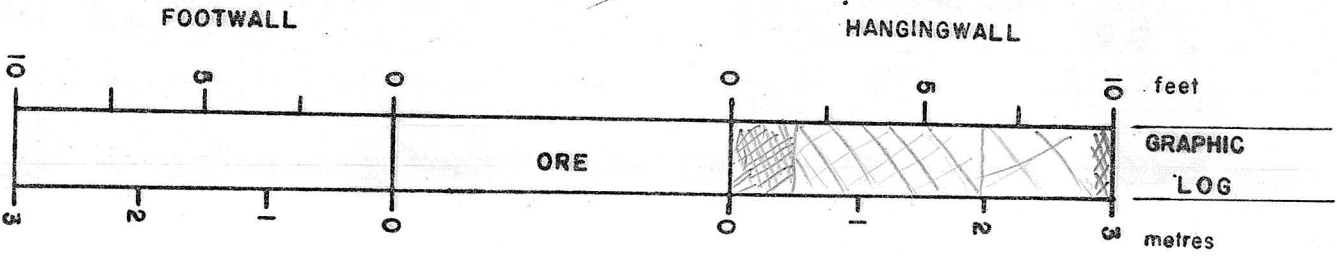
INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
19.9		BQ			Underground opening
22.9	Mostly competent	208	8cm	5862 090	Bx Zone in ore 8m to 16.7m
					2 ft / 3m

GEOTECHNICAL LOG



INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
21.5	Weakly competent	23%	8cm	SB62 O00	Fractures are healed.
24.5	competent ore	80	<0.5cm		
26.5	Highly fractured with gouge.	10%	2cm	SB6	
29.5	competent.		8cm		

GEOTECHNICAL LOG



INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
64.5			5 cm	SB4	Narrow fractures
67.1 - 67.5	Interrupted	15.9	2 cm	SA6	fractures are mostly sealed only 6/3m
68.8			< 0.5 cm	SA	very narrow partings
	End of Hole				EOH.

DDH: FAGU128 -- 42 DEGREE PROFILE

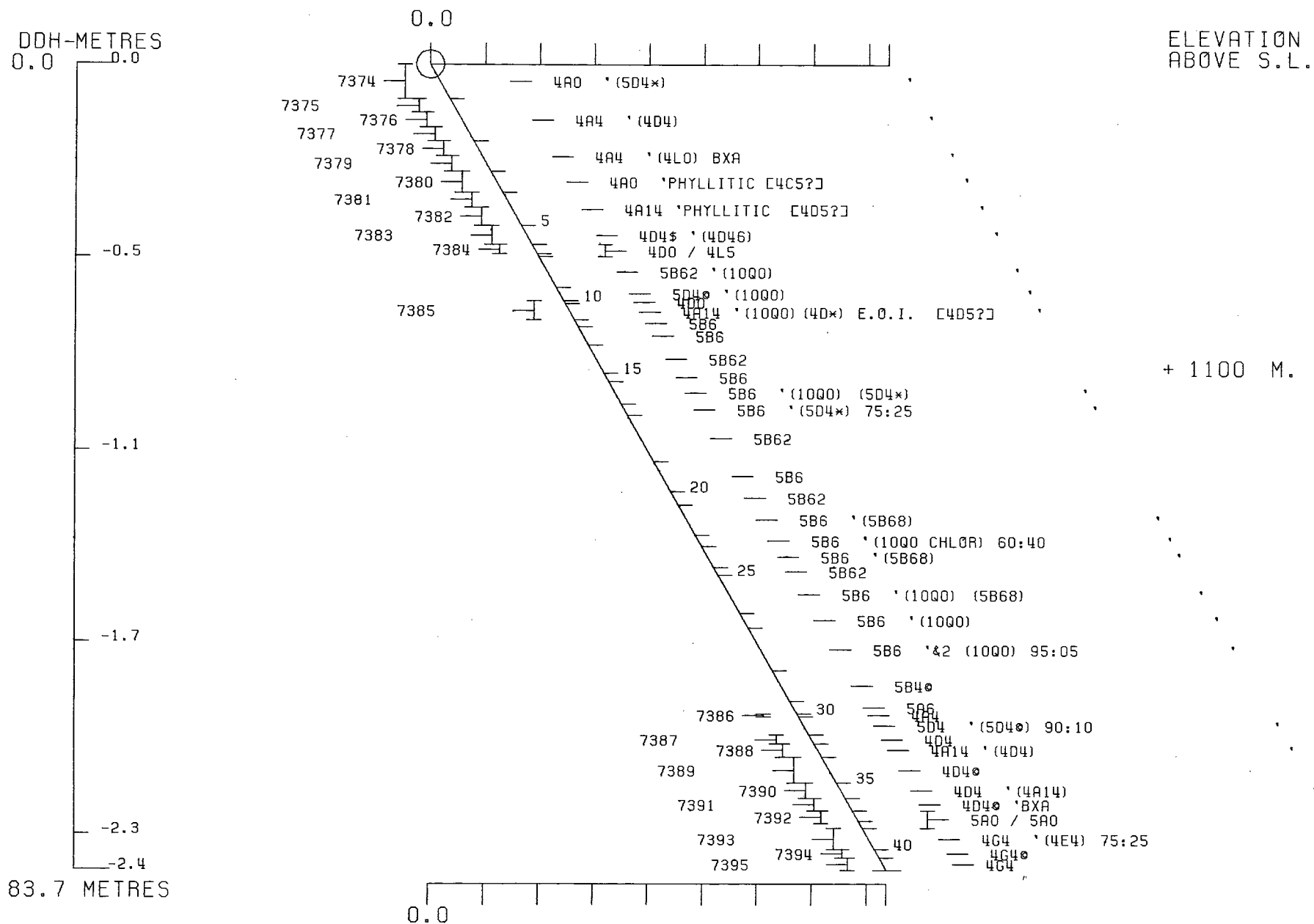
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1127 592289E ; 905070N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 545.7 Z = 1127.4

SECTION NAME: 76W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 8 NOV 1984 10:56 AM



DDH: FAGU128 -- 42 DEGREE PROFILE

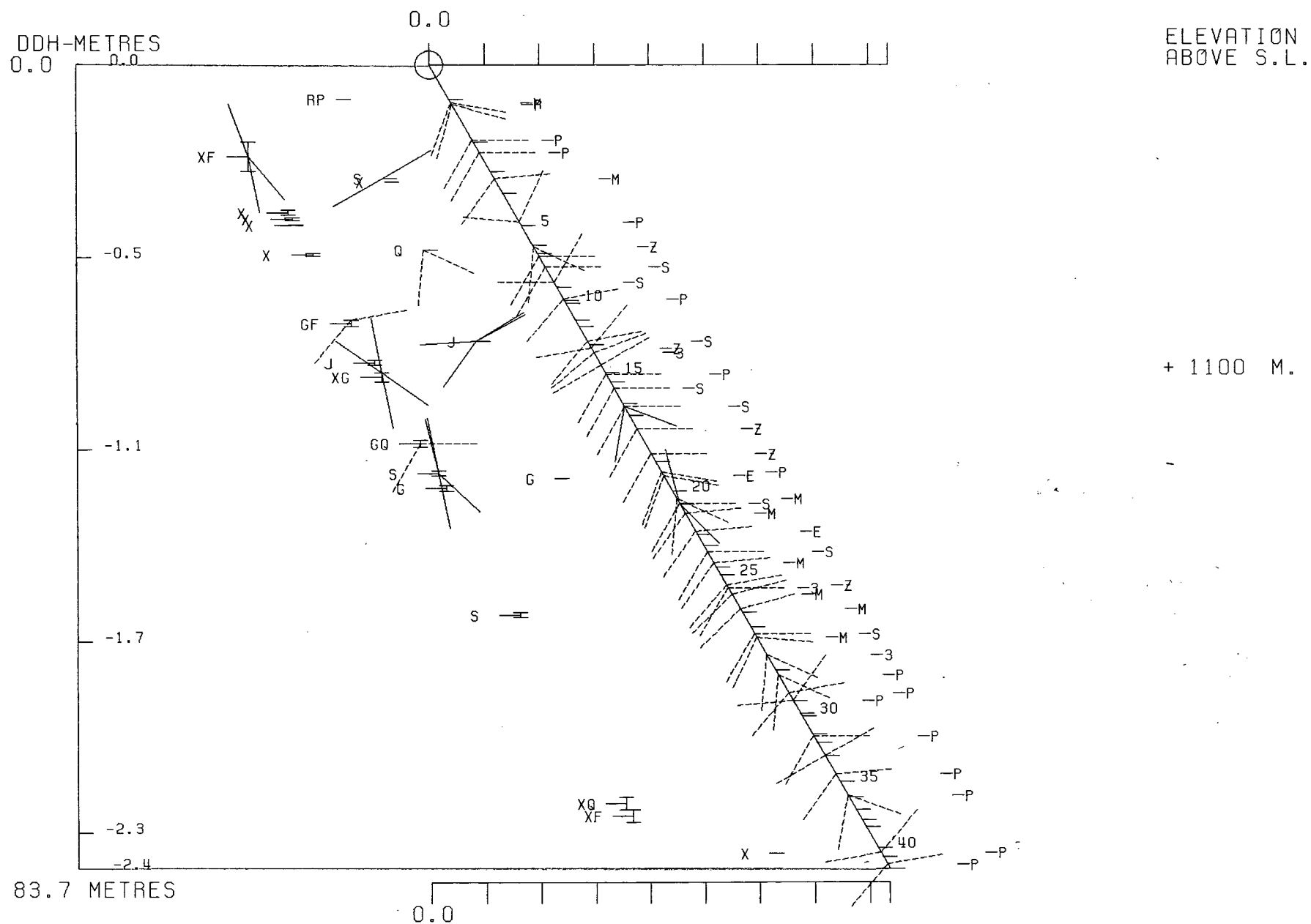
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1127 592289E ; 905070N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 545.7 Z = 1127.4

SECTION NAME: 76W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 8 NOV 1984 10:54 AM

DRILL HOLE : FAGU129
NORTHING : 905,055.9
EASTING : 592,276.3
ELEVATION : 1,127.0
TOTAL DEPTH : 142.3
SECTION : W 76
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: 41
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 40
NOS DOWN-H-STRUCTURE: 25
NOS DOWN-H-FAULTS: 16
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

21NOV83 GRUM

ORE SAMPLES & ASSAYS (DHO20)

PAGE: 9

DDH: FAGU129 UTM-N: 905,055.9 UTM-E: 592,276.3 UTM-ELEV: 1,127.0 TOTAL DEPTH: 142.3 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	-----ASSAYS-----														
FROM	TO						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.
5.0	7.0	07536	2.0	2.0	4A14	2.97	.02	3.83	4.90	63.99		.75	1	2	3						
7.0	9.0	07537	2.0	1.5	4A14	3.00	.02	4.59	5.70	79.00		.55	1	2	3						
9.0	10.9	07538	1.9	1.8	4A14	2.89	.02	2.99	2.70	44.00		.68	1	1	3						
10.9	12.5	07539	1.6	1.0	4L14	2.91	.02	2.02	1.74	35.00		1.30		4	5						
12.5	14.1	07540	1.6	1.6	4L14	2.91	.05	1.02	.63	22.00	17.00	.89		6	7						
14.1	15.8	07541	1.7	1.4	4L14	2.95	.05	1.57	1.28	28.99		1.16		6	6						
15.8	17.3	07542	1.5	.4	4L14	3.00	.07	2.95	1.23	43.00		.81		5	6						
17.3	19.3	07543	2.0	.9	4L14	2.89	.02	2.29	2.39	27.99		.89		6	6						
19.3	21.3	07544	2.0	1.6	4L14	2.89	.02	2.41	1.58	27.99		.68		5	6						
21.3	23.4	07545	2.1	2.1	4L14	2.87	.02	1.65	2.02	26.00		.62		2	2						
23.4	25.7	07546	2.3	2.3	4A1	2.87	.02	1.26	1.86	20.00		.47	1	1	2						
25.7	27.0	07547	1.3	1.3	4A1	2.95	.01	.81	1.67	13.99		.27	2	3	5						
53.9	55.9	07548	2.0	2.0	4L1		.05	.48	.84	11.00											
55.9	58.5	07549	2.6	2.4	4L1		.07	1.04	1.91	21.00											
68.3	70.3	07550	2.0	1.8	4A1	2.97	.08	.17	.54	6.99	5.00	.55	1	9	11						
70.3	72.2	07551	1.9	1.5	4A1	3.06	.08	1.29	2.89	27.00		.68	1	7	8						
72.2	73.6	07552	1.4	1.4	4A13	3.14	.07	1.36	2.20	27.00		.81	1	14	16						
73.6	74.9	07553	1.3	1.3	4A13	3.58	.17	.47	.80	22.00		.95	2	22	24						
74.9	75.6	07554	.7	.7	4E#	4.42	.34	3.70	5.29	99.00		1.85	1	30	32						
75.6	77.3	07555	1.7	1.2	4E#4	4.42	.05	2.60	3.00	46.00		1.10	2	37	39						
77.3	79.1	07556	1.8	.8	4E#4	4.94	.14	4.13	7.40	53.00		1.58	3	36	40						
79.1	80.9	07557	1.8	.7	4E#4	4.69	.02	2.20	5.90	41.00		.68	4	20	24						
80.9	82.3	07558	1.4	1.2	4G0	4.73	.02	1.19	4.59	26.00		.55		15	15						
82.3	83.5	07559	1.2	1.2	4G0	4.86	.05	3.10	6.09	48.00		.95	1	20	21						
83.5	84.1	07560	.6	.5	4GK0	4.12	.13	2.70	6.00	48.00	5.00	.95	1	25	26						
84.1	85.1	07561	1.0	.7	4G4	4.63	.16	3.70	7.49	75.00		1.85	1	21	22						
85.1	87.2	07562	2.1	2.1	4E#4	4.70	.19	4.41	6.59	72.00		1.43	2	33	35						
89.2	90.6	07563	1.4	.9	4G0	4.61	.02	2.25	5.20	45.00		1.16		11	11						
90.6	92.0	07564	1.4	.5	4G0	4.40	.04	2.70	3.79	63.99		.95		22	23						
121.3	121.9	07565	.6	.6	4HD	3.76	.14	5.70	8.69	87.00		1.10	4	4	8						
121.9	122.6	07566	.7	.6	4D4	3.95	.07	12.50	18.30	200.00		2.39	5	8	14						
122.6	123.0	07567	.4	.4	4E#4	4.55	.28	2.79	3.99	44.00		2.12	1	35	37						
123.0	124.3	07568	1.3	1.3	4E4	4.67	.26	5.20	8.40	76.00		1.98	1	33	35						
124.3	125.6	07569	1.3	1.3	4E4	4.37	.16	3.99	7.70	74.00		1.78	1	30	32						
125.6	127.3	07570	1.7	1.7	4E#4	4.13	.33	1.65	3.39	38.00	39.00	.40	2	32	34						
127.3	129.0	07571	1.7	1.7	4E#	4.38	.42	1.71	2.39	44.00		1.78	3	34	38						
129.0	129.9	07572	.9	.9	4E#	4.38	.53	1.40	2.29	40.00		2.19	2	34	37						
129.9	131.3	07573	1.4	1.4	4E4	4.98	.34	4.29	6.20	78.00		2.19	3	30	34						
131.3	132.8	07574	1.5	1.4	4E0	3.72	.27	1.47	3.00	34.00		1.70	2	22	25						
132.8	133.6	07575	.8	.8	4D0	3.52	.13	3.70	3.99	51.00		3.02	2	17	19						
133.6	134.6	07576	1.0	1.0	4D4	3.70	.08	8.59	13.00	113.99		2.06	2	12	15						
WEIGHTED AVERAGE																					
5.0	27.0		22.0	17.9		2.92	.03	2.33	2.40	36.60	1.23	.75	1	3	4						
53.9	53.5		4.6	4.4			.06	.80	1.45	16.65											
68.3	87.2		18.9	15.1		4.13	.10	2.31	4.34	42.19	.68	1.02	2	22	24						

21NOV83 GRUM

ORE SAMPLES & ASSAYS (DHO20)

PAGE: 10

DDH: FAGU129 UTM-N: 905,055.9 UTM-E: 592,276.3 UTM-ELEV: 1,127.0 TOTAL DEPTH: 142.3 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT. REC.	ROCK UNIT	-----ASSAYS-----													
FROM	TO				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 %
89.2	92.0		2.8	1.4	4.50	.03	2.47	4.49	54.49		1.06	16	17					
121.3	134.6		13.3	13.1	4.21	.27	3.91	6.15	67.30	4.98	1.79	2	26	29				

21NOV83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 11

DDH: FAGU129 UTM-N: 905,055.9 UTM-E: 592,276.3 UTM-ELEV: 1,127.0 TOTAL DEPTH: 142.3 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	145.000	224.000
79.900	151.000	227.000
110.300	152.500	227.000
140.800	154.000	228.000

21NOV83 GRUM

DOWN-HOLE LITHOLOGY (DHO20)

PAGE: 12

DDH: FAGU129 UTM-N: 905,055.9 UTM-E: 592,276.3 UTM-ELEV: 1,127.0 TOTAL DEPTH: 142.3 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.8	0001	#		0.5-	1
5.0	0002	3GC		0.5-	1
5.4	0003	4A14		0.5-	1
10.9	0004	4A14	SERICITIC PHYLLITIC [400&5?]	0.5-	1
23.4	0005	4L14	[4A14 SERICITIC] [4C0?]	0.5-	1
27.0	0006	4A1	&4 PHYLLITE SERICITE [4C0&5?]	0.5-	1
50.9	0007	3G14	(4A1 &4 [4C0 &5?])	0.5-	1
59.7	0008	4L1	&4 [4B0(4C0)SERICITIC](4A1SER)	0.5-	1
61.1	0009	3G4		0.5-	1
67.0	0010	3G0		0.5-	1
68.3	0011	5C3*		0.5-	1
72.2	0012	4A1	& PHYLLITIC	0.5-	1
74.9	0013	4A13	&4	0.5-	1
75.6	0014	4E#		0.5-	1
80.9	0015	4E#4	& POROUS	0.5-	1
82.3	0016	4G0		0.5-	1
83.5	0017	4G0		0.5-	1
83.8	0018	4K4	# @	0.5-	1
84.1	0019	4G#4		0.5-	1
85.1	0020	4G4		0.5-	1
87.2	0021	4E#4	& POROUS	0.5-	1
89.2	0022	4E4	GOUGE BXA	0.5-	1
92.0	0023	4G0		0.5-	1
98.3	0024	5A3		0.5-	1
105.0	0025	5B20	(5A0)	0.5-	1
112.0	0026	5B0	&2 (5D40) MINOR	0.5-	1
113.0	0027	5A0	BXA	0.5-	1
121.3	0028	3G0		0.5-	1
121.9	0029	4H1	(4D4) (3G0) 33:17:50	0.5-	1
122.6	0030	4D4	&7 MINOR	0.5-	1
123.0	0031	4E#4		0.5-	1
125.6	0032	4E4	&# &7 MINOR &1	0.5-	1
129.0	0033	4E#	&8 &4 &1	0.5-	1
129.9	0034	4E#	&8 &1	0.5-	1
132.8	0035	4E0	&4 &# &8 (4C0 CLASTS)	0.5-	1
133.6	0036	4D0	&5	0.5-	1
134.6	0037	4D4	(5A0)	0.5-	1
136.4	0038	3G0		0.5-	1
136.8	0039	5D0		0.5-	1
142.3	0040	3G0	&\$	0.5-	1

21NOV83 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 13

DDH: FAGU129 UTM-N: 905,055.9 UTM-E: 592,276.3 UTM-ELEV: 1,127.0 TOTAL DEPTH: 142.3 SECTION: W 76
 RFE: S2 RFE DIR: 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
FAGU129	0.0	2.0		P		0	0	0	60	230	0		1	1	1
FAGU129	0.0	8.0		P		0	0	0	52	230	0		1	1	1
FAGU129	9.7	10.0		M		0	0	1	76	230	C		1	0	0
FAGU129	0.0	14.0		P		0	0	0	78	230	C		1	1	1
FAGU129	0.0	20.5		Z		0	0	0	75	230	C		1	1	1
FAGU129	0.0	26.0		S		0	0	0	70	230	0		1	1	1
FAGU129	0.0	32.0		Z		0	0	0	75	230	0		1	1	1
FAGU129	0.0	38.0		S		0	0	0	73	230	C		1	1	1
FAGU129	0.0	44.5		P		0	0	0	65	230	C		1	1	1
FAGU129	0.0	54.0		P		0	0	0	67	230	0		1	1	1
FAGU129	0.0	61.0		S		0	0	0	65	230	0		1	1	1
FAGU129	0.0	66.0		P		0	0	0	74	230	0		1	1	1
FAGU129	0.0	72.0		P		0	0	0	78	230	0		1	1	1
FAGU129	0.0	78.5		P		0	0	0	68	230	C		1	1	1
FAGU129	0.0	84.5		P		0	0	0	8	230	0		1	1	1
FAGU129	0.0	90.0		P		0	0	0	5	230	C		1	1	1
FAGU129	0.0	96.0	CS2	M		0	0	0	67	230	C		1	1	1
FAGU129	0.0	102.0	CS2	Z		0	0	0	66	230	0		1	1	1
FAGU129	0.0	108.0	CS2			0	0	0	90	230	0		1	1	1
FAGU129	0.0	114.0	CS2			0	0	0	26	230	0		1	1	1
FAGU129	0.0	120.0	CS2			0	0	10	49	230	0		1	1	1
FAGU129	0.0	126.0		S		0	0	0	65	230	0		1	1	1
FAGU129	0.0	131.0		P		0	0	0	50	230	C		1	1	1
FAGU129	0.0	137.0		P		0	0	0	57	230	0		1	1	1
FAGU129	0.0	142.3		P		0	0	0	49	230	0		1	1	1

21NOV83 GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 14

DDH: FAGU129 UTM-N: 905,055.9 UTM-E: 592,276.3 UTM-ELEV: 1,127.0 TOTAL DEPTH: 142.3 SECTION: W 76
 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			
FAGU129	3.7	5.0	RP				0	0	0	0	1		
FAGU129	8.2	9.7	RP	6			0	0	0	0	1		
FAGU129	11.0	11.2	X				0	0	0	0	1		
FAGU129	15.4	20.4	RP	3			0	0	0	0	1		
FAGU129	56.0	58.9	Q				0	0	99	999	0	0	1
FAGU129	58.9	59.7	PG	1			0	0	0	0	0	0	1
FAGU129	65.8	66.3	RIG				0	0	0	0	0	0	1
FAGU129	76.8	80.9	R				0	0	0	0	0	0	1
FAGU129	87.2	89.2	GXF				0	0	0	0	0	0	1
FAGU129	90.5	92.0	RPG	3			0	0	0	0	0	0	1
FAGU129	101.5	101.6	G				0	0	99	999	0	0	1
FAGU129	112.0	113.0	XG				0	0	99	999	24	0	1
FAGU129	116.3	116.6	G				0	0	99	999	0	0	1
FAGU129	116.8	117.4	Q				0	0	99	999	0	0	1
FAGU129	129.9	132.8	XD?				99	999	0	0	99	999	1
FAGU129	134.7	135.3	G				0	0	99	999	0	0	1

21NOV83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 15

DDH: FAGU129 UTM-N: 905,055.9 UTM-E: 592,276.3 UTM-ELEV: 1,127.0 TOTAL DEPTH: 142.3 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU129	1	2
FAGU129	2	2
FAGU129	3	2
FAGU129	4	1

DIAMOND DRILL CORE LOG

Date: 17 July / 81

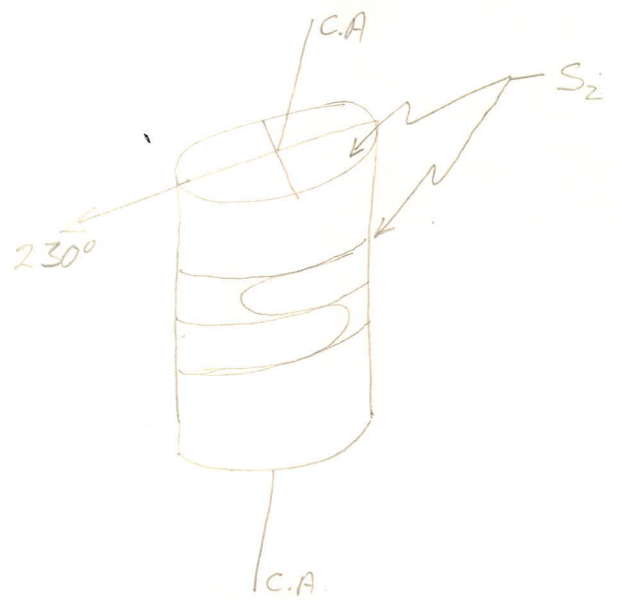
Hole Number: FAGU-129 (76-U-129)

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: SECTION 76 W

Claim: _____



UTM
Terr. Plane
Co-ords.: 6 905 055.9m N

Conversion of
K.A. survey grid
coords
592 276.3m E

Grid
Co-ords: 5N + 0.3m NE

76 W

All symmetry determinations looking

Elevation: 1126.8 m ^{1127.0}

NW with S2 dipping

Total Depth: 142.3m

SW with dip azimuth 230°.

Purpose: DEFINITION - GRUM DEPOSIT

Reason hole Terminated: THROUGH SULPHIDES

Logged by: GG

Date(s) Logged: 16-17 July, 1981

Drilling Contractor: CAMERON McCUTCHEON

Size	CORE From	To	Collar Cased and Capped: _____
<u>BQ</u>	<u>0.0</u>	<u>142.3</u>	
_____	_____	_____	
_____	_____	_____	

Hole Cemented: _____

Steel down pipe: _____

Started: 24 July / 76 Completed: 28 July / 76

DDH FAGUL 29
2 8

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 16 July/81 Logged By: GG

UNITS = METRES

NOTE THIS HOLE WAS LOGGED ON A V. HOT DAY & -- CALC MATERIAL HAD STRONG REACTIONS TO H₂O

Code	From		To		Recov.		No.		Unit		Description	F/W CNT	
	10	14	16	20	22	24	26	28	30	34		35	TYPE
L		10	0		18				0.01	*	No R/C COVERLY		
L		18		50					2	3GZ	SERICITIC, FINE GRAINED; COARSE RUBBLE ± 1.3m		11S ₂
											MISSING CORE TOWARD F/W:		
L		50		54					3	A, A114	+(INTERBEDDED 3GZ ± C);	GRADES 50 cm	11S ₂
L		54		1.09					4	A, A114	SERICITIC + PHYLITIC ± C PARTINGS; HANGING WALL CNT	GRADES 40 cm	11S ₂
											GRADES 50 cm AS THE 3GZ PHYLITES BECOMES SILICIFIED AND ITS GREY COLOUR FADES WITH INCREASING SILICA PRODUCING WHITE TO CLEAR QZ; CARBON SEEMS TO CHANGE TO SERICITE THROUGH THE SECTION;		
											1.0 m COARSE RUBBLE ± MISSING CORE 8.2-9.7- PROB A DRILLING ARTIFACT;		
L		1.09		2.34					5	A, A114	[4A114-SERICITIC] THIS IS RIPALLY A SILICEOUS 4A1 WITH SERICITE RATHER THAN PHYL/C PARTINGS (5% SERICITE; 90% SULPHIDIC, 75% QZ) SILICA HEADED CLOSED BRECCIA @ 11.0-11.2 m; 15.4-20.4 - ABUNDANT FINE RUBBLE + MISSING CORE (RECOVERY = 1.7/5.0 m) FAULT? DRILLING ARTIFACT?		11S ₂
L		2.34		2.70					6	A, A1	¹⁴ PHYLITE + SERICITE PARTINGS; SIMILAR TO UNIT 4. NOTE - THIS ENTIRE SEQUENCE REPRESENTS A 4A → 4L TRANSITION;	GRADES 50 cm	11S ₂

DDH FAGU129
2 8

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 17 July 81 Logged By: GG

UNITS = METRES

Code	From		To		Recov.		No.	Unit	Description	F/W CNT	
	10	14	16	20	22	24				26	28
L	270		509				7	3G14	1/2 ± 4 + (4A1 ± 4 - PHYL, c + SERICITE PARTINGS); UNITS REPRESENTS 3-WAY TRANSITION ZONE BETWEEN 4L-4A-3G SERICITE SLICK PHYL	GRADES 50cm	11S ₂
L	509		597				8	4L1	± 4 [4B0 ⁹⁰ SERICITIC] + (4A1) ^{50cm} GOUGE? SIMILAR TO UNIT 5; (SERICITE) 40% QZ VNS ~ 11S ₂ NEAR F/W - 56.0 - 58.9m; 58.9 - 59.7 - 10cm RECOVERY = GOUGE → IS THIS A SHALLOW FAULT WITH H/W AZ VNS?;		
L	597		611				9	3G42		GRADES 10cm	11S ₂
L	611		670				10	3G12	FINE GRAINED, DARK GREY; 65.8 - 66.3 - PHYLITE PARTING RUBBLE + MINOR GOUGE - PROB NOT MAJOR;		
L	670		683				11	5C3*	ANIK/DOLO; 10% CHLORITE SPOTS & STRAINS; FUCHSITE REPLACES CHLORITE TOWARD F/W THROUGH SHARP CNT;		
L	683		722				12	4A1	C + PHYL PARTINGS + (3G12 INTERBANDS)		11S ₂
L	722		749				13	4A13	± 4 + (3G12 INTERBANDS)		11S ₂
L	749		756				14	4E*	V. CALC (+ 4 @ .1m H/W :)		11S ₂
L	756		809				15	4E*4	V. CALC ± POROUS; 76.8 - 80.9 - 1.5/4.1m RECOVERY OF FINE TO COARSE RUBBLE - PUSS FAULT;	RUBBLE	
L	809		823				16	4G0	50% BODDIE		11S ₂
L	823		835				17	4G10			11S ₂
L	835		838				18	4K4	CALC + 10% ANIK CLOTS;	RUBBLE 10cm	

DDH FAGU 129

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 17 July 81 Logged By: GG

UNITS = METRES

Code	From				To				Recov.				No.	Unit	Description	F/W CNT	
	10	14	16	20	22	24	26	28	30	34	35	TYPE				X	
L	838		841										19	4G1*	V. CALC - NO BARITE SEEN;	PROB	11S ₂
L	841		851										20	4G2*	+ (4G4) - HONEY SPHAL + LT ORANGE SPHAL @ F/W;		11S ₂
L	851		872										21	4E*4	V. CALC ± POROUS;		GOUGE
L	872		872										22	4E4	10cm H/W [GOUGE] + 20cm F/W BRECCIA (CALCITE CEMENTED 4A1+4E4 CLASTS IN CLOSED MATRIX) RECOVERED ONLY - PROBABLY A BIG FAULT - NO CNTS SEEN;		BRECCIA.
L	892		920										23	4G10	90.5-92.0 - 0.5m RECOVERY OF COARSE RUBBLE - DRILLING ARTIFACT? 5cm F/W GOUGE CONTACT MAY BE MUCH BIGGER THAN WHAT IS IMPLIED BY THE 5cm [GOUGE] + (4G*4)		GOUGE - CALC + BARITE @ 10cm F/W
L	920		983										24	5A3	V. CALC.		11S ₂
L	983		1050										25	5B23	+ (5A3) - RARE 5B3 "RIP-UP" CLASTS; 101.5-101.6 - GOUGE		11S ₂ GRADES 20cm
L	1050		1120										26	5B3	±2 + (5D43 @ 109.1-109.3m WITH SHARP H/W CNT & 3cm GRADATIONAL F/W CNT)		~ 11S ₂
L	1120		1130										27	5A3	VARIETY OF CALCITE-QZ HEALED BRECCIAS GENERALLY 11S ₂ + 5% GOUGE TOWARD F/W & ALSO 11S ₂ ; IS THIS A SHALLOW FAULT? H/W 2m OF UNIT 28 IS HIGHLY FOLDED & MINOR GOUGES ABOVE & BELOW THIS UNIT 11S ₂ ; ALSO NOTE QZ VNS 11S ₂ IN F/W OF UNIT 26;		~ 11S ₂ ACROSS THIS BRECCIA;

DDH FAGU 129
2 8

Cyprus Anvil Mining Corp.

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Lithologic Log

Date: 17 July 81 Logged By: GG

UNITS = METRES

Code	From		To		Recov.		No.		Unit	Description	F/W CNT		
	10	14	16	20	22	24	26	28			30	34	35
L	111	30	121	13					28	3G2	FINE GRAINED; 116.3 - 116.6 - GOUGE 11S ₂ ; 116.8 - 117.4 - 10QO 11S ₂ ;		11S ₂
L	121	3	121	9					29	4H1	4H1 @ 121.3 - 121.5 m 4D4 @ 121.5 - 121.6 m 3G2-F.G. @ 121.6 - 121.9 m		11S ₂
L	121	9	122	6					30	4D4	(+7 @ 10cm H/W) +(minor 3G2)		11S ₂
L	122	6	123	0					31	4E*	V. CALC. ± (CALC) ± 7 ± 1		11S ₂
L	123	0	125	6					32	4E4	MOD. CALC. ± 8 ± 4 ± 1; V. CALC ± 8 ± 1;		11S ₂
L	125	6	127	0					33	4E*	±* (CALC) ± 8 +(40 [±] ^{IRREGULAR} ^{SCATTERED} ^{ROUNDED} CLASTS 0.5 - 2 cm)	50cm ANIK-AZ HEATED TRIOCCIA 11S ₂	11S ₂
L	132	8	133	6					36	4 ⁸ / ₀	± 5		11S ₂
L	133	6	134	6					37	4D4	+(5A3)		PROB 11S ₂
L	134	6	136	4					38	3G2	FINE GRAINED; 1GOURI @ 134.7 - 135.3m 11S ₂ ;		11S ₂
L	136	4	136	8					39	5D3	LIGHT BROWN IN COLOUR;		
L	136	8	142	3					40	3G2	FINE GRAINED (±* (DOLO))		
											END OF HOLE @ 142.3m		

DDH FAGU129
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: 17 July/81 Logged By: GG

UNITS = METRES

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				20		P					610	2310	
S				80		P					512		S-BANDS + SERICITE
\$		197		100		M			010	190	716		POSS FOLD NOSE - M-REGION
S				140		R					718		S-BANDS & SERICITE
S				205		Z					715		
S				260		S					710		
S				320		Z					715		
S				380		S					713		
S				445		R					615		M @ 45.5 - 46.5
S				540		R					617		
S				610		S					615		
S				660		R					714		Z? - ONE Z-SEEN.
S				720		R					718		
S				785		R					618		S-BANDS
S				845		R					08		FOLDED? - S-BANDS
\$				885									GOUGE CNTS?
													BRECCIA CNTS?
													FOLIATION IN BRECCIA @ 86° TO C.A
													WHERE PRESENT.
S				910		R					015		S-BANDS
\$				920									GOUGE CNTS?
S				960		CSIZM					67		ALTERNATING S/Z.
S				1020		CSIZZ					66		GOUGE //S ₂ / BOTH S & Z Z-DOMINANT.
S				1080		CSIZH					90		
\$				1120									(BRECCIA + GOUGE
S				1140		CSZ					216		H/W CNT @ 112° REG.
													L/W CNT @ 29° //S ₂
\$				11160									GOUGE //S ₂
S				1210		CSZS			10	1010	49		
S				1260		R					615		S-BANDS
S				1310							510		QZ IN 4E
\$				1325									BRECCIA CNTS //S ₂ @ 55°
S				1370		R					517		F ₄ @ 040/180
S				1423		R					49		Z? -> ONE Z-SEEN;
													END OF HOLE @ 142.3m

ASSAY LOG (SAMPLER'S COPY)

UNITS =
METRES

SPLIT

CODE	FROM				TO				SAMPLE	INTR.				REC (m)	UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30		32	34	36	40			
P		50		70	7536		20		20					4A14		
P		70		90	7537		20		15					4A14		
P		90		109	7538		19		18					4A14		
P		109		125	7539		16		10					4L14	±4	
P		125		141	7540		16		16					4L14	±4	
P		141		158	7541		17		14					4L14	±4-	
P		158		173	7542		15		10					4L14	±4	
P		173		193	7543		20		10					4L14	±4	
P		193		213	7544		20		16					4L14	±4	
P		213		234	7545		21		21					4L14	±4	
P		234		257	7546		23		23					4A11	±4	
P		257		270	7547		13		13					4A11	±4	
P		539		559	7548		20		20					4L11	±4	
P		559		585	7549		26		24					4L11	±4	
P		683		703	7550		20		18					4A11		
P		703		722	7551		19		15					4A11		
P		722		736	7552		14		14					4A13	±4	
P		736		749	7553		13		13					4A13	±4	
P		749		756	7554		07		07					AE*		
P		756		773	7555		17		12					AE*4		
P		773		791	7556		18		08					AE*4		
P		791		809	7557		18		07					AE*4		
P		809		823	7558		14		12					AGO		
P		823		835	7559		12		12					AG*10		
P		835		841	7560		06		05					AG*4	+(4K4) 46K0	
P		841		851	7561		10		07					AG*4		
P		851		872	7562		21		21					AE*4		
P		872		892			20		03					AE4	POOR RECOVERY GOUGE + BRECCIA - NOT SAMPLED	
P		892		906	7563		14		09					AGO		
P		906		920	7564		14		05					AGO		
P		1213		1219	7565		06		06					4H11	+(3G2)+(4D4)	
P		1219		1226	7566		07		06					ADA		

ASSAY LOG (SAMPLER'S COPY)

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	1	10	14	16	20	22	26	28	30	32		34	36	40	42
P		1122	26		1123	30			7567		107		105		AE*														
P		1123	30		1124	43			7568		113		113		AE4														±*±8±1
P		1124	43		1125	56			7569		113		113		AE4														±*±8±1
P		1125	56		1127	73			7570		117		117		AE*														±8±1
P		1127	73		1129	90			7571		117		117		AE*														±8±1
P		1129	90		1129	99			7572		109		109		AE*														V. CALC.
P		1129	99		1131	13			7573		114		114		AE4														±*±8
P		1131	13		1132	28			7574		115		114		AE40														±*±8
P		1132	28		1133	36			7575		108		108		AE40														±5
P		1133	36		1134	46			7576		110		110		ADA														+(SA3).
																													END OF HOLE @ 142.3m

Meters

FAULT

DDH F.A.G.U. 129
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

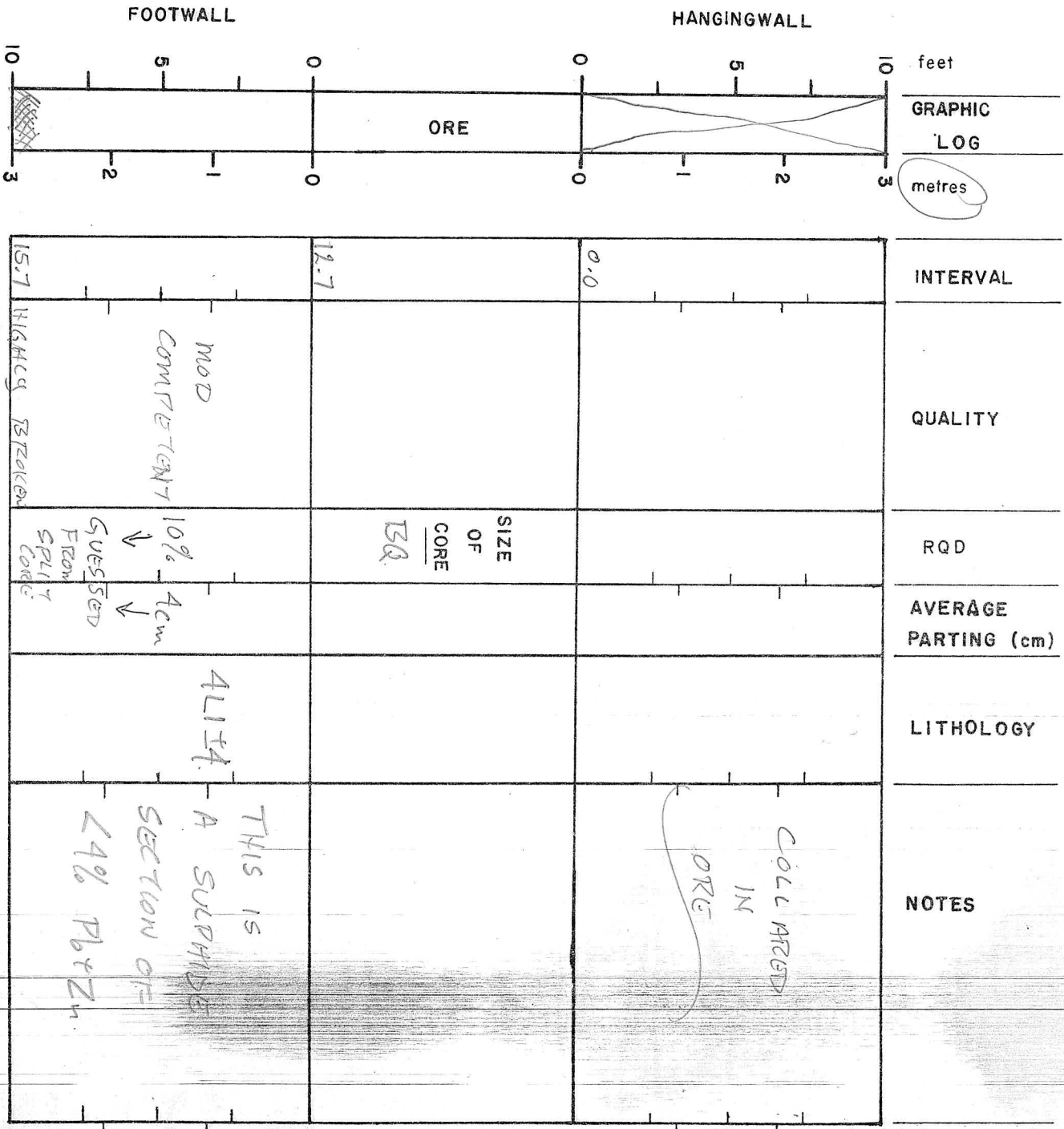
Structural Log

Date: 3 Nov 83 Logged By: _____

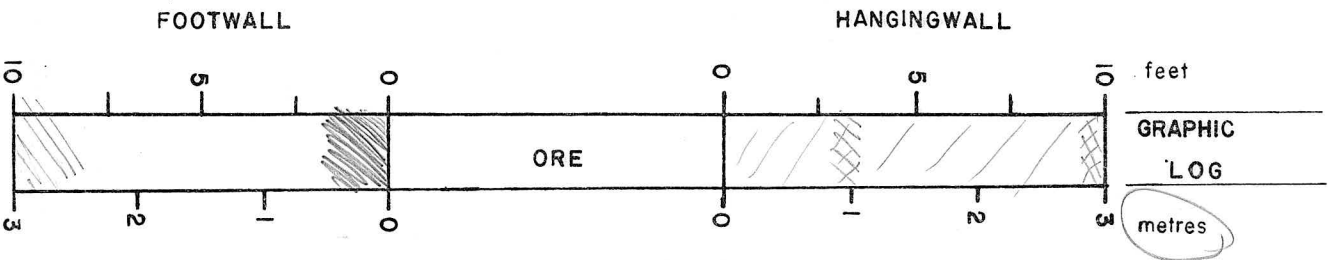
Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
F		13	7		150	RIP								Coarse rubble & missing core toward footwall
F		18	2		197	RIP	6							66% recovery - coarse rubble - prob. drilling artifact
F		11	0		111	X								silica-healed closed breccia
F		1	5	4	120	RIP	3							rubble & 35% recovery
F		1	5	6	0	158	Q			9	9	9	9	40% gtz veins // S ₂
F		1	5	8	9	159	7	PG	1					11% recovery - gouge
F		1	6	5	8	166	3	RIG						rubble & minor gouge
F		1	7	6	8	180	9	R						fine to coarse rubble
F		1	8	7	2	189	2	GIX	F					calcite cemented clasts of 4A1 & 4E4 in closed matrix
F		1	9	0	5	192	0	RIP	3					33% recovery of rubble sem. gouge at end
F		1	10	1	5	1101	6	G		9	9	9	9	gouge // S ₂
F		1	1	1	2	0	1113	0	XIG	9	9	9	9	2.4 0010 variety of calcite & gtz healed breccia generally // S ₂ + 5% gouge // S ₂ @ Footwall
F		1	1	1	6	3	1116	6	G	9	9	9	9	gouge // S ₂
F		1	1	1	6	8	1117	4	Q	9	9	9	9	1000 // S ₂
F		1	1	2	9	9	1132	8	XID?	9	9	9	9	400 clasts into 4E
		1	1	3	4	7	1135	3	G	9	9	9	9	gouge // S ₂

fltn 86°C.A.

GEOTECHNICAL LOG



GEOTECHNICAL LOG



INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
71.9 - 74.9	MOD WELL PARTED	5% ↓ GUESSED FROM SPILT CORE	3cm ↓	4A13 ± 4	THIS IS A LOW GRADE SULPHIDE SECTION 44% Pb+Zn.
92.0 - 95.6	GOOD COMPETENT WELL PARTED	BA CORE OF SIZE	8cm 6-5cm	SA3	ORE IS BROKEN WITH A LOT OF MISSING CORE

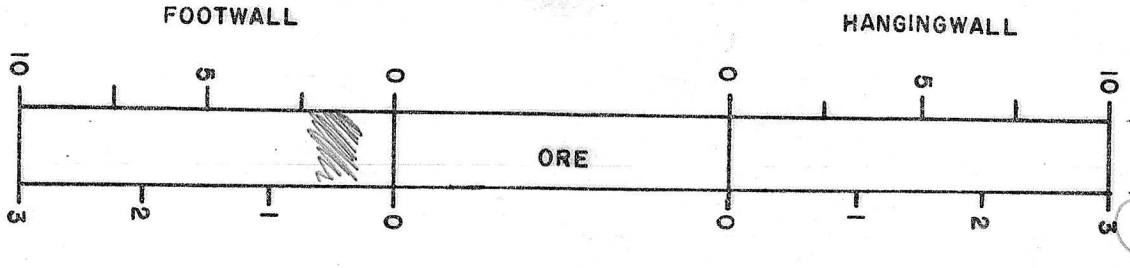
GEOTECHNICAL LOG

DDH - 1213 - 1346

1213 - 1346

PAGE 12/12

INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
118.3					
121.3		23% OF CORE	5cm	3G2	
134.6	SOUGE	BQ			
137.6		6%	3G2	5D3 3G2	



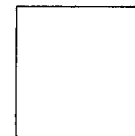
DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO

D.D.H. No 76-U-129 PAGE 1

PROPERTY GRUM JOINT VENTURE
 LATITUDE 10,850. * 5N+0.3mNE STARTED JULY 24, 1976
 DEPARTURE 7,584.8 * 76W X-CUT COMPLETED JULY 28, 1976
 ELEVATION 1,137.6 * PROPOSED DEPTH _____
 * - approximated ULTIMATE DEPTH 142.3m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224°	-56°
79.9	226°	-61°
110.3	226°	-63°
140.8	227°	-64°



CLAIM No _____
 DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 82%

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		NOTE: First 1.8m - cased. No core recovered.															
0	5.0	SERICITE PHYLLITE (S). Blocky core ave: 3cm long. Foliation =75-80°. No clear F ₁ , F ₂ relationship noted.	1.6		1.8	5.0	3.2										
		5.0: Sharp change to Quartz-Sulfide (P) = 80°. Contact with clay material.	25 8	1.7	4030	5.0	6.7	1.7	3.65	4.70	53.49			6.205	7.99	90.933	
		25 6	1.9	4031	6.7	8.7	2.0	4.20	4.15	70.63			8.4	8.30	141.26		
		25 6	1.7	4032	8.7	10.7	2.0	3.00	2.75	40.46			6.00	5.50	80.92		
5.0	20.4	QUARTZ-SULFIDE. Competent. Sulfides as thin, evenly spaced laminae following mostly general 70-75° foliation. F ₁ = 5-10°. 15.8-17.3: Broken core. Bx'ted - sheared (?). 20.4: Decrease in sulfide laminae.	20 5	1.3	4033	10.7	12.7	2.0	2.98	2.10	38.40			5.96	4.20	76.8	
		25 6	1.4	4034	12.7	14.7	2.0	1.23	0.95	20.23			2.46	1.90	140.46		
		20 4	1.0	4035	14.7	16.7	2.0	1.38	1.13	21.26			2.76	2.26	142.52		
		20 4	1.1	4046	16.7	19.7	3.0	2.25	2.05	24.34			6.75	6.15	73.02		
		15 3	1.0	4047	19.7	22.7	3.0	2.30	1.75	23.31			6.9	5.25	69.93		
		10 3	2.4	4048	22.7	25.7	3.0	1.23	2.10	14.06							
20.4	53.9	SERICITE PHYLLITE (S). Competent. Partly or weakly mineralized. Sulfides as thin laminae, widely spaced. Py: 5%, Zn+ Pb: 1%. Spots of Po. Foliation = 80-75°; F ₁ = 10-15°.															
		28			25.7	53.9	28.2										
				W.av.	5.0	8.7	3.7	3.95	4.40	62.75			14.605	16.29	232.19		
				W.av.	8.7	12.7	4.0	2.99	2.42	39.43			11.96	9.70	157.72		
				W.av.	12.7	16.7	4.0	1.30	1.04	20.74			5.22	4.16	82.98		
				W.av.	16.7	22.7	6.0	2.27	1.90	23.82			13.65	11.40	142.95		
				W.av.	8.7	14.7	6.0	2.40	1.93	33.0							

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x			
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
68.5	75.0	MINERALIZED GRAPHITIC PHYLLITE (PG). Broken blocky	35 5	1.6	4041	68.5	70.5	2.0	0.23	0.50	5.14					
		core ranging from flakes to 4cm long. Foliation =	35 6	0.8	4042	70.5	72.0	1.5	1.15	2.23	20.23					
		80-85°; F = 35-40° @ 70.5.	40 8	1.0	4043	72.0	73.5	1.5	1.60	2.40	26.40					
		1	40 7	1.2	4044	73.5	75.0	1.5	1.10	1.08	25.37					
		75.0: Gradual change to Massive porous Sulfide	75 8	0.8	4045	75.0	76.5	1.5	2.23	4.20	76.80			3.345	6.30	115.20
		Zone (MV).	75 6	0.6	4046	76.5	78.0	1.5	3.40	3.65	43.54			5.10	5.475	65.31
			75 5	0.9	4047	78.0	79.5	1.5	3.80	6.76	55.54			5.70	10.14	83.31
75.0	92.0	MASSIVE POROUS SULFIDE ZONE. Blocky and friable.	60 6	0.6	4048	79.5	81.0	1.5	1.73	5.70	30.17			2.595	8.55	45.255
		Barite in groundmass of some solid intervals @ 80-	50 6	0.5	4049	81.0	82.5	1.5	1.65	3.58	28.46			2.475	5.37	42.69
		80.6; 90-90.5. Compositional bands = 30-35°. Voids	70 7	0.6	4050	82.5	84.0	1.5	3.58	6.43	55.54			5.37	9.645	83.31
		= 40-45°.	75 10	0.7	4051	84.0	85.5	1.5	5.25	10.06	88.80			7.875	15.09	133.2
		89.3-89.6: FAULT. Black sticky gouge with quartz	75 7	0.7	4052	85.5	87.0	1.5	3.88	7.24	67.54			5.82	10.86	101.31
		and sulfide fragments Ø = .5-1cm.	70 8	0.6	4053	87.0	89.0	2.0	2.45	2.75	42.51			4.90	5.50	85.02
		92.0: Abrupt change to Graphitic Phyllite (G).	65 7	1.2	4054	89.0	92.0	3.0	2.18	4.15	50.40			6.54	12.45	151.20
		Contact broken core.														
92.0	110.3	GRAPHITIC PHYLLITE (G). Fissile, core readily breaks into		18.0		92.0	110.3	18.3								
		poker chips. Foliation F = plane of fissility = 80-85°;														
		2			W.Av.	75.0	78.0	3.0	2.81	3.93	60.17			8.445	11.775	180.51
		F = 0-5°. Calcite in groundmass as thin laminae, also as			W.Av.	75.0	82.5	7.5	2.56	4.78	46.90			19.215	35.835	351.77
		1			W.Av.	78.0	81.0	3.0	2.76	6.23	42.85			8.295	18.69	128.57
		short discontinuous stringers.			W.Av.	82.5	87.0	4.5	4.24	7.91	70.63			19.065	35.595	317.82
		102: Shear.			W.Av.	78.0	87.0	7.5	3.98	7.95	66.80			29.835	59.655	501.01
					W.Av.	87.0	92.0	5.0	2.29	3.59	47.24			11.44	17.95	236.22

LOGGED BY

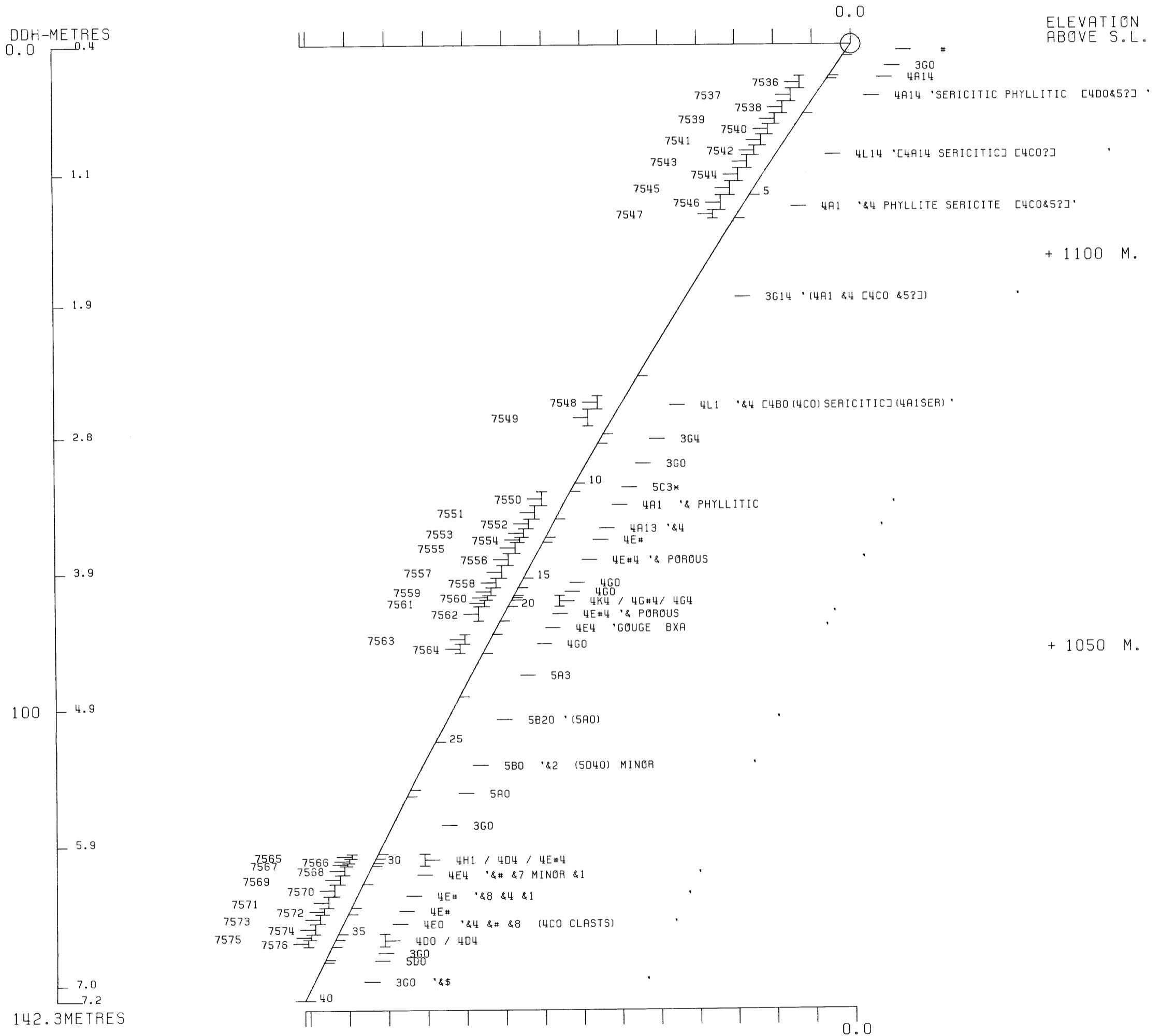
D.D.H. No 76-U-129 PAGE 4

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay 2				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		109-109.2: Short interval of limy bleached phyllite.															
		Foliation = 85°. White to buff with medium grain groundmass.															
		110.3: Gradual decrease in graphitic constituents. Rx becoming dark sericite phyllite with trace of graphite (SG).															
110.3	121.3	DARK SERICITE PHYLLITE WITH TRACE OF GRAPHITE (SG).	10.1		110.3	121.3	11.0										
		Fissile, easily breaks into poker chips. Foliation = 70-75°;															
		F = 40-45° oblique to F.															
		115.3: Fold nose. Closure marked by bull quartz.															
		116.5: Shear. Has sulfide fragments.															
		120.8: Fold nose.															
		121.3: Sharp clean contact with massive sulfide zone (MV)															
		= 70°.															
121.3	134.6	MASSIVE SULFIDE ZONE. Generally structureless except	50 8	1.5	4055	121.3	122.8	1.5	6.82	10.10	97.72			10.23	15.15	146.58	
		for some banded variety (M+MB). Has short intercala-	75 5	1.2	4056	122.8	124.3	1.5	6.18	9.51	87.77			9.27	14.27	131.66	
		ted graphitic sericite (SG) interval. Compositional	75 5	1.5	4057	124.3	125.8	1.5	3.10	6.17	55.54			4.65	9.26	83.31	
		banding Sph/Py = 80-85°. Some quartz inclusions.	70 6	1.4	4058	125.8	127.3	1.5	2.10	3.30	42.51			3.15	4.95	63.77	
			75 6	1.5	4059	127.3	128.8	1.5	1.73	1.98	39.43			2.60	2.97	59.15	
		121-122.5: Graphitic Sericite interval (SG).	75 7	1.5	4060	128.8	130.3	1.5	1.77	2.48	36.34			2.66	3.72	54.51	
		Competent. Foliation = 0-5° with closure-fold nose.	60 8	1.5	4061	130.3	131.8	1.5	4.25	5.75	79.54			6.38	8.63	119.31	
			45 10	2.6	4062	131.8	134.6	2.8	5.00	7.03	72.69			14.00	19.68	203.53	

Interval	To	DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay							
					From	To		Pb	Zn	Ag	Au	Cu	Assay x		
								Pb	Zn	Ag					
		132.0-132.4: Sulfide Bx ϕ = 1-3cm. Well cemented by sulfide, quartz, and graphite.		W.Av.	121.3	124.3	3.0	6.50	9.81	92.75			19.50	29.42	278.24
		133.2-134.6: Intercalated Graphitic Phyllite interval. Rx is a mixture of banded sulfide and graphitic phyllite. Contact = 80-85° = banding.		W.Av.	121.3	125.8	4.5	5.37	8.60	80.34			24.15	38.68	361.55
		134.6: Sharp contact with graphitic sericite phyllite (SG) = 80°.		W.Av.	125.8	130.3	4.5	1.87	2.59	39.43			8.41	11.64	177.43
		142.3 GRAPHITIC SERICITE PHYLLITE (SG). Broken blocky core ranging from flakes to 3cm long core. Foliation = 50-60°. No clear F / F relationship noted.	6.8	W.Av.	130.3	134.6	4.3	4.74	6.58	75.08			20.38	28.31	322.84
		142.3 END OF HOLE.		W.Av.	121.3										
						134.6	142.3	7.7							

DDH: FAGU129 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)

ELEV:1127 592276E ; 905056N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 527.0 Z = 1127.1
 SECTION NAME: 76W



DDH: FAGU129 -- 42 DEGREE PROFILE

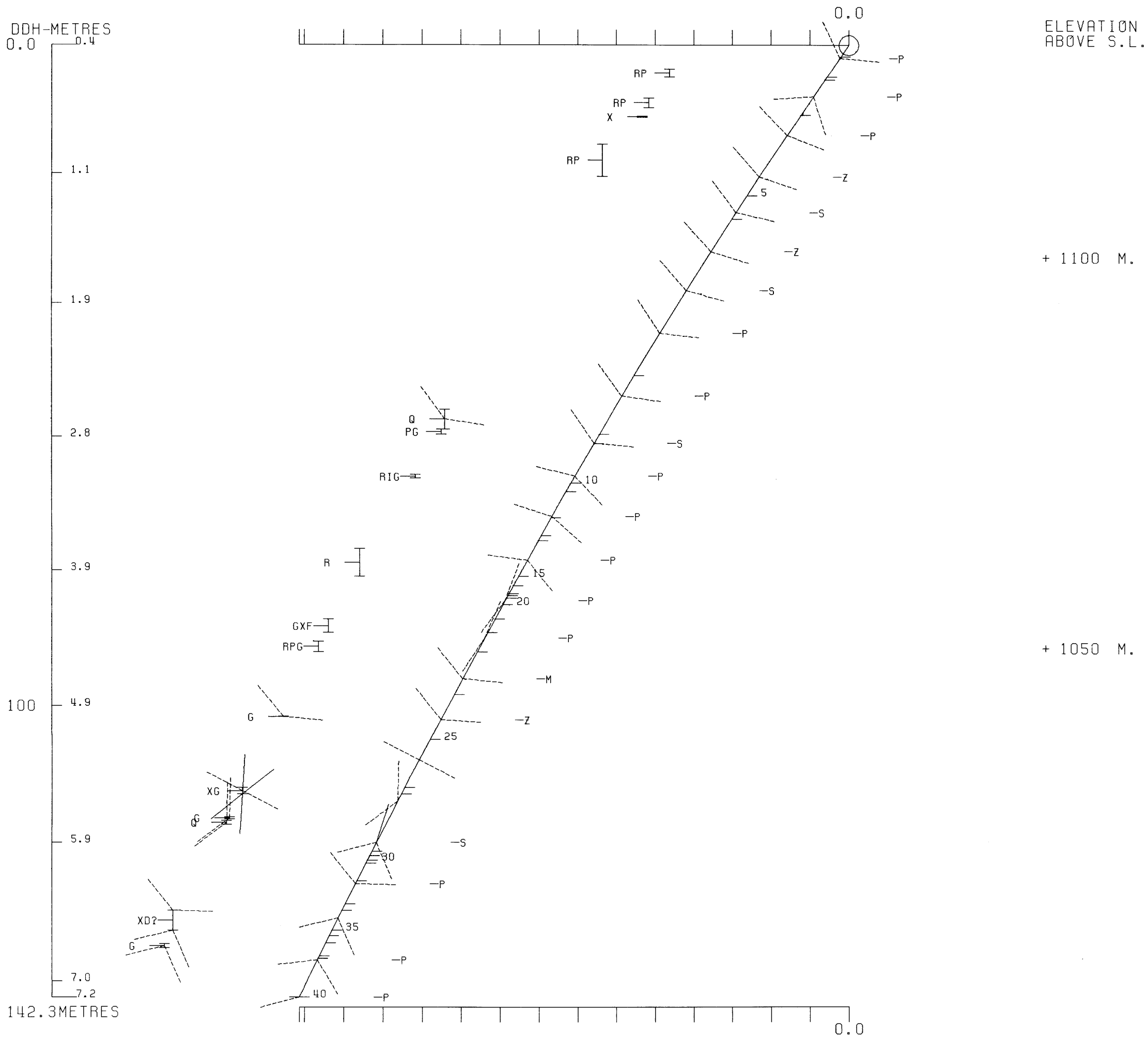
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1127 592276E ; 905056N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 527.0 Z = 1127.1

SECTION NAME: 76W



FAGU130

DRILL HOLE : FAGU130
NORTHING : 905,069.1
EASTING : 592,288.4
ELEVATION : 1,132.1
TOTAL DEPTH : 45.7
SECTION : W 76
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: 21
NOS DOWN-H-STRUCTURE: 9
NOS DOWN-H-FAULTS: 3
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

21NOV83 GRUM

ORE SAMPLES & ASSAYS (DH020)

PAGE: 2

DDH: FAGU130 UTM-N: 905,069.1 UTM-E: 592,288.4 UTM-ELEV: 1,132.1 TOTAL DEPTH: 45.7 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	-----ASSAYS-----													
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %
.0	2.2	07503	2.2	1.0	4L14	2.98	.04	2.79	1.60	45.00		.68	1	3	4					
8.5	10.0	07504	1.5	1.5	4A14	3.06	.04	1.81	3.89	36.00		.68	2	6	8					
10.0	11.0	07505	1.0	1.0	4A14	3.10	.04	2.99	5.09	47.00		1.03	1	6	8					
18.2	19.5	07506	1.3	1.3	4D0	3.12	.02	2.83	5.59	43.00		1.37	1	6	7					
19.5	21.0	07507	1.5	1.5	4A14	3.02	.02	3.99	7.70	68.00		1.03	1	9	10					
21.0	22.9	07508	1.9	1.7	4A14	3.33	.08	3.79	7.29	62.99		1.37	1	11	12					
22.9	24.3	07509	1.4	1.4	4A14	3.12	.08	2.52	5.00	47.00		1.03	1	7	8					
24.3	24.9	07510	.6	.6	5C*3	3.02	.01	.08	.13	1.99		.95	4	5						
24.9	26.9	07511	2.0	2.0	4L14	3.02	.02	2.33	2.87	35.00		.81	1	2	3					
26.9	28.1	07512	1.2	1.2	4L14	3.10	.04	4.59	3.70	74.00		1.16	6	6						
28.1	29.5	07513	1.4	1.4	4L14	3.02	.02	3.00	3.60	49.00		.95	4	5						
29.5	31.0	07514	1.5	1.5	4L14	3.00	.04	1.49	2.70	27.00		.95	5	6						
31.0	32.6	07515	1.6	1.5	4L14	3.02	.05	1.34	2.02	22.00		1.70	6	7						
32.6	34.2	07516	1.6	1.6	4L0	3.41	.02	1.39	1.46	19.00		.47	2	3						
34.2	36.0	07517	1.8	1.7	4A0	3.14	.02	1.73	3.10	39.00		.81	8	9						
36.0	37.6	07518	1.6	1.5	4AE	3.41	.08	4.50	8.69	80.00	72.00	1.23	2	13	15					

WEIGHTED AVERAGE

.0	2.2		2.2	1.0		2.98	.04	2.79	1.60	45.00		.68	1	3	4					
8.5	11.0		2.5	2.5		3.08	.04	2.28	4.37	40.40		.82	2	6	8					
18.2	37.6		19.4	18.9		3.14	.04	2.67	4.33	45.16	5.93	1.06	1	6	8					

21NOV83 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 3

DDH: FAGU130 UTM-N: 905,069.1 UTM-E: 592,288.4 UTM-ELEV: 1,132.1 TOTAL DEPTH: 45.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	5.300	250.800

21NOV83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 4

DDH: FAGU130 UTM-N: 905,069.1 UTM-E: 592,288.4 UTM-ELEV: 1,132.1 TOTAL DEPTH: 45.7 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.2	0001	4L14		0.5-	1
5.4	0002	3G0	[5B6]	0.5-	1
6.3	0003	10Q0	(3G0)	0.5-	1
8.5	0004	3G0	[5B6]	0.5-	1
11.0	0005	4A14		0.5-	1
13.0	0006	5C3\$	@ CARBONATED	0.5-	1
14.6	0007	5D@	[5F@-LAMINATED] (4D4) MINOR	0.5-	1
16.7	0008	5C3\$	CARBONATED	0.5-	1
17.5	0009	5D@	[5F@-LAMINATED] (4L14)	0.5-	1
18.2	0010	5C3@	CARBONATED	0.5-	1
19.5	0011	4D0	SERICITIC	0.5-	1
24.3	0012	4A14	(4D4)(5C*3)(4L2) ALL MINOR	0.5-	1
24.9	0013	5C3@	3 CARBONATED	0.5-	1
32.6	0014	4L14	(4D4 SERICITIC) [4D0(4C0)]	0.5-	1
34.2	0015	4L0	81 84	0.5-	1
37.6	0016	4A0	(4E4) MINOR	0.5-	1
38.9	0017	5B20	(5B3)	0.5-	1
42.5	0018	5B0		0.5-	1
43.6	0019	5D0		0.5-	1
45.3	0020	5B83	(5B23) (10Q0)	0.5-	1
45.7	0021	5D0		0.5-	1

21NOV83 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 5

DDH: FAGU130 UTM-N: 905,069.1 UTM-E: 592,288.4 UTM-ELEV: 1,132.1 TOTAL DEPTH: 45.7 SECTION: W 76
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
FAGU130	0.0	1.8	PS2	0	0	60	230 C	1	1	1
FAGU130	0.0	7.9	PS2	0	0	68	230 C	1	1	1
FAGU130	0.0	12.9	CS2	0	0	38 80	230 C	1	1	1
FAGU130	0.0	18.0	PS2	0	0	80	230 C	1	1	1
FAGU130	0.0	23.0		0	0	70	230 C	1	1	1
FAGU130	0.0	28.4		0	0	70	230 C	1	1	1
FAGU130	0.0	33.5		0	0	65	230 C	1	1	1
FAGU130	0.0	38.2		0	0	65	230 C	1	1	1
FAGU130	0.0	44.3		0	0	70	230 C	1	1	1

21NOV83 GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 6

DDH: FAGU130 UTM-N: 905,069.1 UTM-E: 592,288.4 UTM-ELEV: 1,132.1 TOTAL DEPTH: 45.7 SECTION: W 76
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			
FAGU130	5.4	6.3	QBR				0	0	0	0	1		
FAGU130	11.2	11.3	G				50	0	0	C	28	0	1
FAGU130	23.5	23.9	R				0	0	0	C	0	0	1

21NOV83 GRUM

DOWN-HOLE SPLINES (DHD20)

PAGE: 7

DDH: FAGU130 UTM-N: 905,069.1 UTM-E: 592,288.4 UTM-ELEV: 1,132.1 TOTAL DEPTH: 45.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU130 1 1

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGU130

Project: Gram Releg 76W

Location: Vangorda Plateau

Claim: _____

Terr. Plane Co-ords.: 6905069.1 N

592288.4 E

Grid Co-ords: 76W/5N

Elevation: 1132.1

Total Depth: 45.7 m

Purpose: _____

Reason hole Terminated: _____

Re
Logged by: Janet Modene

Date(s) Logged: July 13, 1981

Drilling Contractor: _____

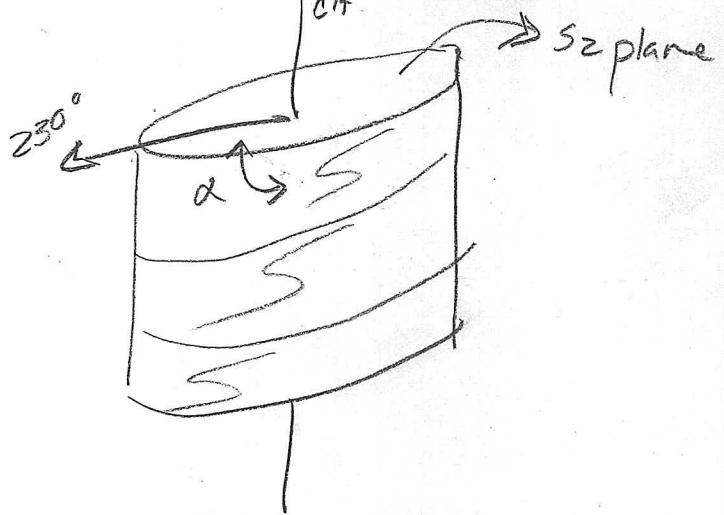
Size	CORE From	To	Collar Cased and Capped: _____
<u>BQ</u>	<u>0</u>	<u>45.7</u>	

Hole Cemented: _____

Steel down hole: _____

Started: 7/3/76 Completed: 7/4/76

Reference Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

Conversion of
KA survey grid
coords
UTM

Code	From	To	Recov.	No.	Unit	Description	#/w. CTC
	10 14 16 20 22 24 26 28 30 34 35						
L	100	127		1	4L114		broken
L	122	154		2	3G10	[5B6]	broken
L	154	163		3	101010	+ 3G10 broken + rubble	rubble
L	163	185		4	3G10	[5B6] v. minor 1000 // S ₂	
						v. minor thin gouge // S ₂	broken
L	185	110		5	4A114	± 3G2	
L	110	130		6	5C3*	cc, dol, ank, mariposite	
						thinly laminated w/ abundant mariposite blebs to 116	
						mottled, very CO ₂ rich w/ mariposite + chlorite	
						stringers giving way up hole to chlorite alone.	
						(from 11.6 to 13.0)	
						Gouged 11.15-11.25	
L	130	146		7	5D*	[5F* ank] massive-laminated w/ siliceous	confirmable
						laminae, thin 4D4 intbd @ 13.9	
L	146	167		8	5C3*	carbonated (cc+dol) metabasite as #6	
L	167	175		9	5D*	[5F*] massive green w/ ank bands	
						massive-laminated	
						intbd of 4L14 16.8-17.05	
L	175	182		10	5C3*	carbonated metabasite w/ 20 cm of massive-	
						laminated 5D/5F texture w/ankerite	
							sharp
L	182	195		11	4D4	sericitic; becoming 4L14 toward H.W.	gradat.
L	195	243		12	4A114	minor 4D4 @ 22.2	
						5C3* marip 22.4-22.6	
						hwygrade 4A±3G2 22.6-23.1	
						4L2 23.1-23.3	
						rubble 23.5-23.9	broken
L	243	249		13	5C3*	ank dol cc mariposite, highly carbonated m.b.	// S ₂
L	249	326		14	4L114	(4D4 sericitic) borderline interval 3-7% Fe ₂ O ₃	broken
L	326	342		15	4L10	± 1±4 less competent than #14 because less siliceous	broken
L	342	376		16	4A114	(4E4 @ 36.7) + 3G2	

→ slightly talcy 4L3

DDH F.A.G. 1.1.3.0
 2 8

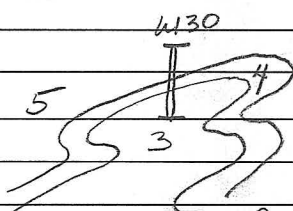
Cyprus Anvil Mining Corp.

Page 4 of 9

Lithologic Log

Date: _____

Logged By: J. Modene

Code	From	To	Recov.	No.	Unit	Description	#wetc
1	10 14 16	20 22 24	26 28	30 34 35			
L	1376	1389		117	5B121	calc	1/5 →
L	1389	1425		118	5B101	(5B3 strongly calc + grading toward 5E0 @ 399)	1/5 z
L	1425	1436		119	5D101	green massive-laminated w/ cc	
L	1436	1453		120	5B1813	(5B23) (10Q0)	
L	1453	1457		121	5D101	green massive w/ cc bands	
						EOH @ 1457	
							
						1130 goes from Mt Dye	
						core thru sfd horizon	
						to Vancorda Fm	

Structural Log

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				118	PSZ						60	2310	in 414
S				179	PSZ						68	2310	
													@ 11.6 fracture controlling gouge @ 50° to CA / S ₂ in 50/230 @ top (I mean bottom, uphole) of gouge and 28° to CA. Steeper than S ₂ but also 230° at top of gouge (or is that S ₁ , I'm seeing) Note S ₁ + S ₂ in mola-basite @ 12.9
S				129					38	2310	80	2310	← S ₁ predom- inates
S				180							80	2310	in 50
S				230							70	2310	
S				1284							70	2310	
S				1335							65	2310	
S				1382							65	2310	
S				1443							70	2310	
													EOH @ 45.7m

CODE	FROM		TO		SAMPLE	INTR.			REC (m)		UNIT	DESCRIPTION
	10	14	16	20		22	26	28	30	32		
#1 {	P	100		122	75013		12	2	10		4L114	#1
#2 {	P	185		100	75014		15		15		4A114	#5
	P	100		110	75015		10		10		4A114	#5
#3 {	P	182		195	75016		13		13		4D410	#11
	P	195		210	75017		15		15		4A114	#12
	P	210		229	75018		19		17		4A114	(4D4, 5C*3) #12
	P	229		243	75019		14		14		4A114	(4A0+3G2, 4L2) #12
	P	243		249	75110		06		06		5C*3	#13
	P	249		269	75111		20		20		4L114	(4D4) borderline #14
	P	269		281	75112		12		12		4L114	
	P	281		295	75113		14		14		4L114	
	P	295		310	75114		15		15		4L114	
	P	310		326	75115		16		15		4L114	
P	326		342	75116		16		16		4C01	±4±1 #15	
P	342		360	75117		18		17		4A4	#16	
P	360		376	75118		16		15		4A4	(4E4) #16	

Meters

FAULT

DDH FAGUL30
2 8

Cyprus Anvil Mining Corp.

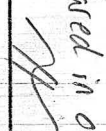
Page _____ of _____

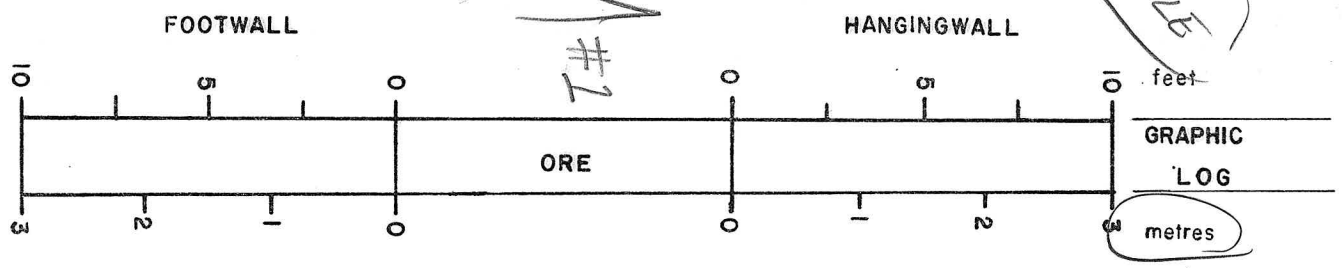
Structural Log

Date: 4 Nov 83 Logged By: _____

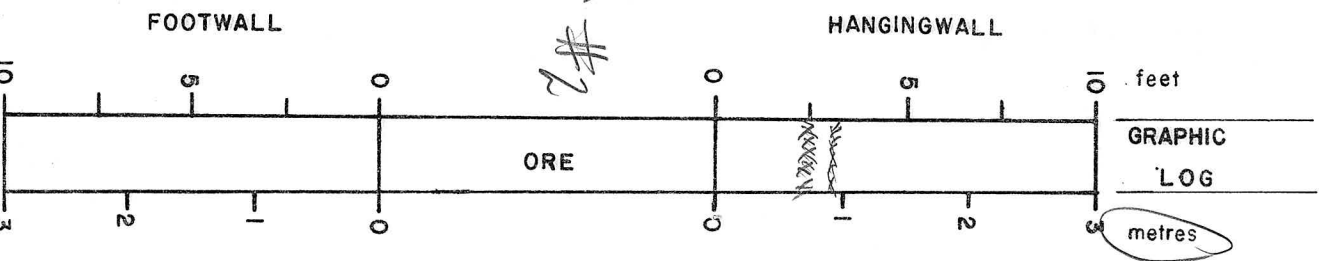
Code	From			To			Feature	SYM	S ₀		S ₁		S ₂		Description	
	10	14	16	20	22	24			26	28	32	34	38	40		44
F		15	4		16	3	Q1B1R								broken & rubbled 100 + 360	
F		11	2		11	3	G		50	00	0		218	00	0	gauged - measured features controlling gouge rubble
F		12	3	5	12	3	9	R								
F																

GEOTECHNICAL LOG

INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
5.2	COMPETENT	22 10 22%	7mm	340 LSB6	
2.2					Hole collapsed in ore 
0		SIZE OF CORE BB			No footwall

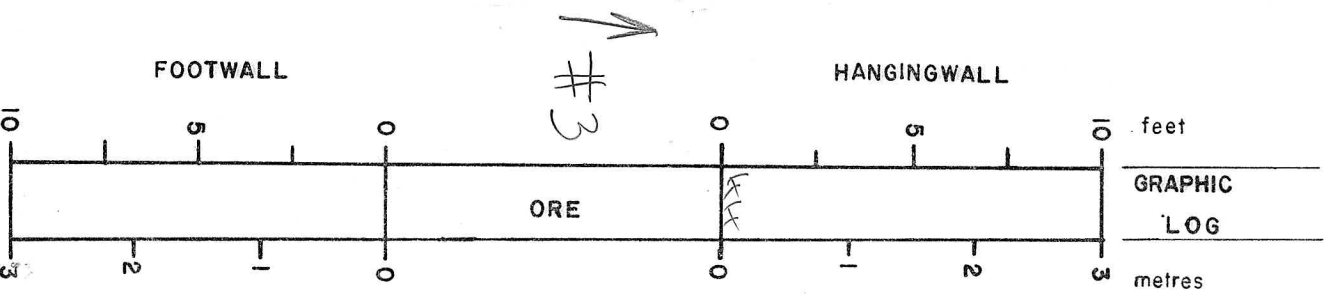


GEOTECHNICAL LOG

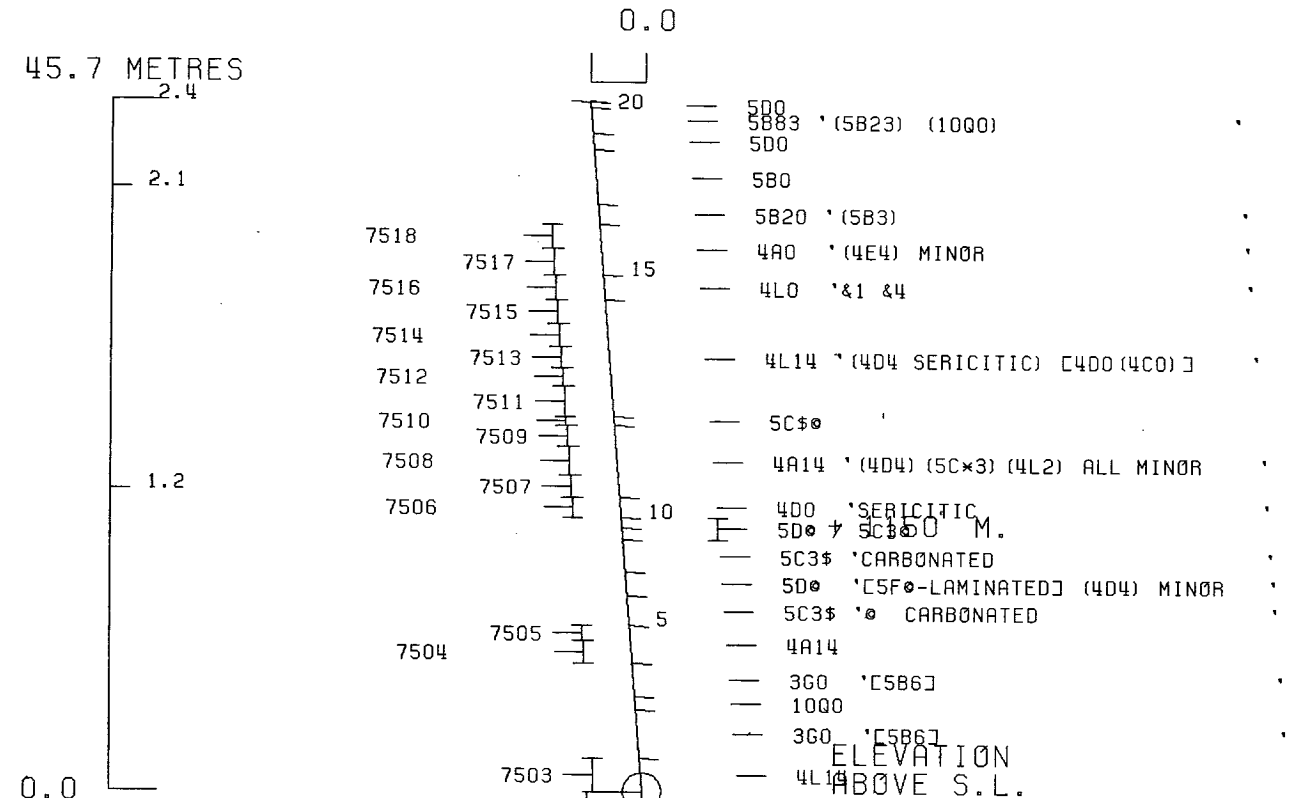


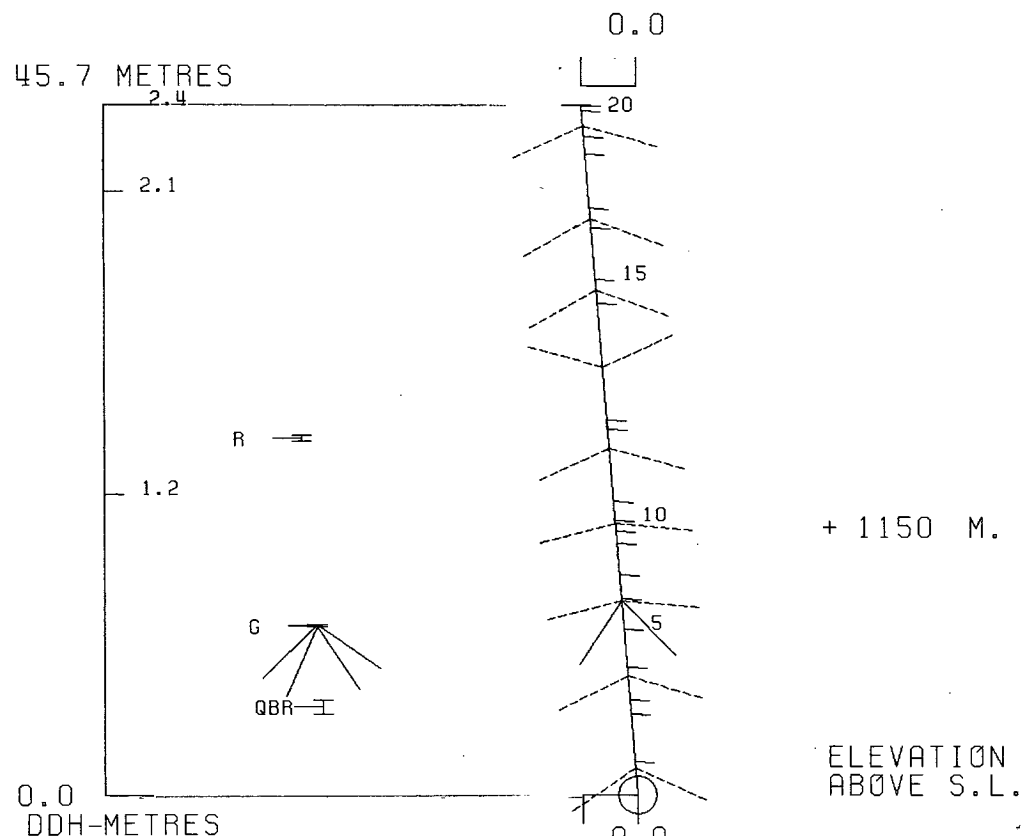
INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
14.0	COMPLETELY Minor sand	4/10 40%		50% SD* [5F]	
8.5	Relatively compact Sandy Sandy Sandy	1/6 16%	5cm	1000 340	
5.5					

GEOTECHNICAL LOG



INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
40.6	COMPETENT	2/10 20%	6cm	SB2 SB0	
37.6		SIZE OF CORE BQ			
18.2	COMPETENT	3.5/10 35%	5-25 mm	SC3K SD*	
15.2					





DDH: FAGU130 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1132 592288E ; 905069N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 544.9 Z = 1132.2

SECTION NAME: 76W

DRILL HOLE : FAGU132
NORTHING : 905,102.4
EASTING : 592,318.9
ELEVATION : 1,127.4
TOTAL DEPTH : 134.1
SECTION : W 76
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: 57
NOS DOWN-H-STRUCTURE: 25
NOS DOWN-H-FAULTS: 19
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

21NOV83 GRUM

ORE SAMPLES & ASSAYS (DH020)

PAGE: 38

DDH: FAGU132 UTM-N: 905,102.4 UTM-E: 592,318.9 UTM-ELEV: 1,127.4 TOTAL DEPTH: 134.1 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS													
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %
15.5	16.2	07622	.7	.7	4HE4		.02	1.79	10.19	90.00										
43.5	44.8	07623	1.3	1.3	4A0		.02	.68	3.49	33.00										
52.3	53.5	07624	1.2	1.2	4A4	3.16	.02	3.10	7.09	58.99		.95	1	7	9					
62.1	64.7	07625	2.6	2.6	4D4	3.54	.13	3.89	6.50	76.00		1.64	1	14	16					
64.7	66.6	07626	1.9	1.9	4A0	3.25	.04	1.35	2.29	24.00		1.10	1	11	12					
66.6	69.3	07627	2.7	2.7	5B62	2.91	.02	1.09	1.31	13.00		.55	2	2	4					
69.3	70.6	07628	1.3	1.3	5A61	2.87	.02	1.05	1.37	13.00		.89		2	3					
70.6	72.3	07629	1.7	1.7	4D4	3.43	.10	3.89	6.59	72.00		1.37	1	12	14					
72.3	74.3	07630	2.0	1.9	5A61	3.10	.04	1.20	2.02	29.99		.07		8	9					
74.3	77.3	07631	3.0	2.7	5A61	2.93	.02	.38	1.01	10.00		.27	1	2	3					
83.6	84.9	07632	1.3	1.3	4A4	3.02	.05	2.50	3.99	48.00		.95	3	5	8					
84.9	86.6	07633	1.7	1.0	5D4a	3.25	.08	1.31	3.99	33.00		.47	7	7	14					
86.6	87.8	07634	1.2	1.2	4D07	3.06	.05	3.00	6.50	60.99		.81	3	4	7					
87.8	89.0	07635	1.2	1.2	5D4a	3.25	.02	.71	1.66	14.99		.27	9	7	17					
89.0	91.0	07636	2.0	2.0	4D0	3.14	.02	3.20	4.90	61.99		.40	3	6	9					
91.0	93.0	07637	2.0	1.9	4D0	2.95	.04	2.39	3.49	42.00		.75	3	3	6					
93.0	95.0	07638	2.0	2.0	4D0	2.89	.02	1.64	3.39	29.99		.40	2	2	5					
95.0	97.0	07639	2.0	2.0	4D0	3.06	.05	2.79	3.79	47.00		.68	3	5	8					
97.0	99.0	07640	2.0	2.0	4C0	2.89	.02	1.99	2.70	39.00	35.00	.89	2	3	5					
99.0	100.4	07641	1.4	1.0	4D0	3.02	.05	3.00	4.90	54.00		.89	2	4	6					
100.4	101.7	07642	1.3	1.3	4AD	2.93	.04	2.60	2.79	47.00		.75	1	3	5					
101.7	103.9	07643	2.2	2.2	4AD	2.99	.02	1.72	4.59	37.00		.47	2	4	6					
103.9	105.2	07644	1.3	1.0	5AD	2.95	.02	.28	1.43	6.99		.27	4	2	6					
105.2	108.8	07645	3.6	2.0	5D4L	2.95	.02	1.36	2.79	29.99		1.16	3	2	6					

WEIGHTED AVERAGE

15.5	16.2	.7	.7			.02	1.79	10.19	90.00											
43.5	44.8	1.3	1.3			.02	.68	3.49	33.00											
52.3	53.5	1.2	1.2		3.16	.02	3.10	7.09	58.99		.95	1	7	9						
62.1	77.3	15.2	14.8		3.14	.05	1.78	2.95	33.39		.80	1	7	9						
83.6	108.8	25.2	22.1		3.01	.03	2.01	3.60	39.08	2.77	.69	3	4	8						

21NOV83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 39

DDH: FAGU132 UTM-N: 905,102.4 UTM-E: 592,318.9 UTM-ELEV: 1,127.4 TOTAL DEPTH: 134.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	27.000	44.000

21NOV83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 40

DDH: FAGU132 UTM-N: 905,102.4 UTM-E: 592,318.9 UTM-ELEV: 1,127.4 TOTAL DEPTH: 134.1 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
14.6	0001	5B6	-> 5A62	0.5-	1
15.5	0002	5D4@	[5C4@](5B62-> 5A6) 80:20	0.5-	1
16.2	0003	4H4@	[4J@] (4E@) 40:60	0.5-	1
17.2	0004	5D4\$	[5C4\$] (5A13) 80:20	0.5-	1
17.4	0005	5A19	3 (5A13)	0.5-	1
28.3	0006	5B6	82 V. MINOR	0.5-	1
29.5	0007	10Q0	(5B6) GOUGE	0.5-	1
30.2	0008	5B62		0.5-	1
30.9	0009	5A0	(10Q0) GOUGE	0.5-	1
33.6	0010	5B62		0.5-	1
41.9	0011	5A6	(5A619-> 4A0)	0.5-	1
43.5	0012	5A19	-> 4A0	0.5-	1
44.8	0013	4A0		0.5-	1
52.3	0014	5A19	3 -> 4A0	0.5-	1
53.5	0015	4A4	(4E0) (5D4*)	0.5-	1
59.4	0016	4L0	84 (4C0)(5A1) BOTH MINOR GOUGE	0.5-	1
62.1	0017	5B61	9 -> 4A0	0.5-	1
64.7	0018	4D4	(4D45) [4A1 PHYLLITIC] 75:25	0.5-	1
65.5	0019	5B64	(4L0) 75:25	0.5-	1
66.6	0020	4A0	(4C0) [4A13]	0.5-	1
66.8	0021	5C4@	(5D4@)	0.5-	1
67.7	0022	5B62	9	0.5-	1
69.3	0023	4L41		0.5-	1
70.6	0024	5A61	9 -> 4A0	0.5-	1
72.3	0025	4D4	BXA (5D4@) (4L4) 64:12:36	0.5-	1
77.3	0026	5A61	9 -> 4A0 (5A6) 90:10	0.5-	1
78.9	0027	10Q0	(5B62) GOUGE	0.5-	1
83.6	0028	5A6	-> 5A619	0.5-	1
84.9	0029	4A4		0.5-	1
86.6	0030	5D4@	(4L0)(4A0)(4C0) ALL MINOR	0.5-	1
87.8	0031	4D0	7 SERICITIC	0.5-	1
89.0	0032	5D4@	(4L7) 50:50	0.5-	1
95.9	0033	4D0	(4C0)	0.5-	1
100.4	0034	4D0	(4C0)	0.5-	1
101.0	0035	4A1	-> 4A41	0.5-	1
101.7	0036	4D0	(4C0) (4A0) BOTH MINOR	0.5-	1
103.1	0037	4A4		0.5-	1
103.9	0038	4D0	-> 4A0	0.5-	1
104.0	0039	5A0	GOUGE	0.5-	1
105.3	0040	5D4@		0.5-	1
106.2	0041	4L4	BXA	0.5-	1
106.6	0042	5D4@		0.5-	1
108.8	0043	4D0	(5D4*) (4A0)	0.5-	1
111.2	0044	5A61	9 GOUGE	0.5-	1
112.0	0045	5B62	3 (5D4*) MINOR	0.5-	1
116.9	0046	5B6\$		0.5-	1
117.8	0047	5D4@		0.5-	1
119.8	0048	5B6\$		0.5-	1
120.7	0049	5D0	(5B6\$)	0.5-	1
123.8	0050	5B0		0.5-	1
125.3	0051	5D0		0.5-	1

21NOV83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 41

DDH: FAGU132 UTM-N: 905,102.4 UTM-E: 592,318.9 UTM-ELEV: 1,127.4 TOTAL DEPTH: 134.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
126.3	0052	580		0.5-	1
126.8	0053	500		0.5-	1
130.9	0054	580		0.5-	1
131.5	0055	500		0.5-	1
133.6	0056	586	&O	0.5-	1
134.1	0057	500	(580)	0.5-	1

21NOV83 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 42

DDH: FAGU132 UTM-N: 905,102.4 UTM-E: 592,318.9 UTM-ELEV: 1,127.4 TOTAL DEPTH: 134.1 SECTION: W 76
 RFE: S2 RFE DIR: 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
FAGU132	0.0	1.6	CS2	S		0	0	0	0		55	230		0		1	1	1
FAGU132	0.0	7.2	CS2	S		0	0	0	0		47	230		C		1	1	1
FAGU132	0.0	12.2	CS2	S		0	0	0	0		50	230		C		1	1	1
FAGU132	0.0	18.2	CS2	Z		0	0	0	0		60	230		C		1	1	1
FAGU132	0.0	24.6	CS2	Z		0	0	0	0		54	230		C		1	1	1
FAGU132	0.0	29.7	CS2	S		0	0	0	0		43	230		0		1	1	1
FAGU132	0.0	33.0	CS2	Z		0	0	0	0		50	230		C		1	1	1
FAGU132	0.0	38.1	CS2	Z		0	0	0	0		55	230		0		1	1	1
FAGU132	0.0	40.5	CS2	S		0	0	0	0		50	230		0		1	1	1
FAGU132	0.0	45.9	CS2	Z		0	0	0	0		60	230		0		1	1	1
FAGU132	0.0	51.4	CS2	S		0	0	0	0		62	230		C		1	1	1
FAGU132	0.0	55.5	CS2	Z		0	0	0	0		58	230		0		1	1	1
FAGU132	0.0	59.4	CS2	Z		0	0	0	0		60	230		0		1	1	1
FAGU132	0.0	64.0	CS2	Z		0	0	0	0		60	230		C		1	1	1
FAGU132	0.0	68.4	CS2	Z		0	0	0	0		75	230		0		1	1	1
FAGU132	0.0	76.6	CS2	Z		0	0	0	0		55	230		C		1	1	1
FAGU132	0.0	82.3	CS2	Z		0	0	0	0		43	230		C		1	1	1
FAGU132	0.0	87.1	PS2	P		0	0	0	0		65	230		0		1	1	1
FAGU132	0.0	93.0	PS2	P		0	0	0	0		70	230		0		1	1	1
FAGU132	0.0	98.8	CS2	S		0	0	0	0		75	230		C		1	1	1
FAGU132	0.0	105.3	PS2	P		0	0	0	0		60	230		C		1	1	1
FAGU132	0.0	112.4	CS2	Z		0	0	0	0		43	230		0		1	1	1
FAGU132	0.0	118.4	CS2	S		0	0	0	0		60	230		0		1	1	1
FAGU132	0.0	125.5	CS2	S		0	0	0	0		73	230		C		1	1	1
FAGU132	0.0	130.9	CS2	Z		0	0	0	0		74	230		0		1	1	1

21NOV83 GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 43

DDH: FAGU132 UTM-N: 905,102.4 UTM-E: 592,318.9 UTM-ELEV: 1,127.4 TOTAL DEPTH: 134.1 SECTION: W 76
 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			
FAGU132	7.1	8.0	XGB				30	250	0	0	15	240	1
FAGU132	28.3	29.5	QGB	8			0	0	C	0	0	0	1
FAGU132	30.2	30.9	GBQ				0	0	99	999	0	0	1
FAGU132	53.5	53.7	G				0	0	99	999	0	0	1
FAGU132	54.1	54.2	G				0	0	99	999	0	0	1
FAGU132	56.3	56.4	G				0	0	50	C	0	0	1
FAGU132	56.4	56.6	G				0	0	99	999	0	0	1
FAGU132	53.5	57.2	38G				0	0	0	C	0	0	1
FAGU132	56.9	57.2					25	200	0	0	45	90	1
FAGU132	70.6	72.3	X				0	0	C	0	0	0	1
FAGU132	77.3	78.9	QRG				0	0	0	0	0	0	1
FAGU132	85.3	86.9	P	3			0	0	C	C	0	0	1
FAGU132	103.9	104.0	G				0	0	0	C	0	0	1
FAGU132	104.0	105.3	P	3			0	0	0	0	0	0	1
FAGU132	103.9	105.3	F				0	0	0	0	0	0	1
FAGU132	105.3	106.2	1X				0	0	C	C	0	0	1
FAGU132	106.6	108.8	P	2			0	0	0	0	0	0	1
FAGU132	108.8	111.2	GB				0	0	0	0	0	0	1
FAGU132	111.2	112.0	BG				10	280	0	0	20	0	1

21NOV83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 44

DDH: FAGU132 UTM-N: 905,102.4 UTM-E: 592,318.9 UTM-ELEV: 1,127.4 TOTAL DEPTH: 134.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU132 1 1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 10:28:00

DIAMOND DRILL CORE LOG

Date: 16 July 1981

Hole Number: FAGU132

Reference Fabric Orientation Diagram:

Project: Gram Releg

Location: F-6 Orthophoto (105K-6)

Claim:

Terr. Plane Co-ords.: 905102.4 N

592318.9 E

Grid Co-ords: 76W+00

7+1.5MAN

Elevation: 1127.4 M

Total Depth: 132.8 M

Purpose: Definition Drilling Checked JSM

Reason hole Terminated: Termination in fault(?) zone

Logged by: ASJ

Date(s) Logged: 15 July 1981

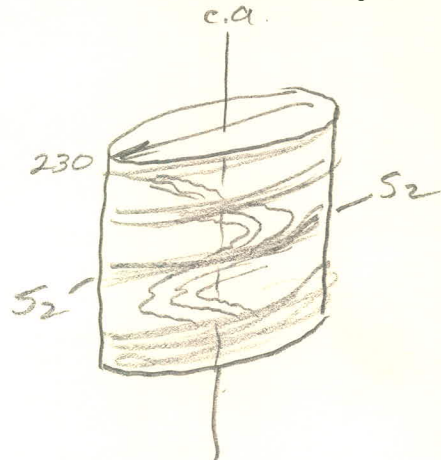
Drilling Contractor: Cameron McCutcheon

Size	CORE From	To	Collar Cased and Capped:
BQ	0	132.8	

Hole Cemented:

Steel down hole:

Started: 7 July 76 Completed: 12 July 76



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Conversion of UTM KA Survey Grid Co-ords

Lithologic Log

Date: 14 July 81 Logged By: [Signature]

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	100	146		1	5B6	→ 5B62, unit generally 5B6 w/ minor 5B62 interbands; bore, gouge & broken core zone 7.1-8.0M; upper bounding gouge & b'fca 30° to c.a. along 120° DLA (in new system 30°/250°); lower bounding gouge ≈ 15° to c.a. along 110° DLA (in new system 15°/240°) — excellent relationship!!
L	146	155		2	5D4*	[5C4*] w/ thin 5B62 → 5A interband 14.9-15.1M; carb = ankerite; <1% fuchsite
L	155	162		3	4H4*	15.5-15.8 ≡ 4H4* (ankerite) which is really 4J* (ank.). Problem here is up dip ^m of 4J; 4H here should be 4J but is called 4H for consistency; 15.8-16.2 ≡ 4E* (ankerite)
L	162	172		4	5D4*	[5C4*]; carb. ≡ schonite; 1-2% fuchsite thin 5A13 band, 16.8-17.0M.
L	172	174		5	5A193	thin 5A13 & 5A193
L	174	283		6	5B6	w/ minor 5B62 zones
L	283	295		7	000	+5B6 fault gouge & broken core; 1m rec'd over 1.2M interval; no attitudes possible
L	295	302		8	5B62	
L	302	309		9	5A3	+000 gouge & broken core; gouge & 000 "sweats" ≈ 115 ₂ — does not appear to be a drilling artifact, no slickens to ⇒ movement direction; major fault
L	309	336		10	5B62	
L	336	419		11	5A6	w/ interbands throught of 5A619 to 4A0 none of 5A619/4A0 has any grade & is not split
L	419	435		12	5A193	to 4A0 as interbands in unit 11 only split by KA
L	435	448		13	4A0	4.90% carb. from KA log
L	448	523		14	5A193	approaching 4A0; interval 33.6-52.3M is largely 5A trying to make 4A

15.8

Lithologic Log

Date: 14 July 81 Logged By: [Signature]

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28	30 34 35		
L	52.3	53.5		15	4A4	w/ thin 4E/5D4* interval 52.3-52.6M
L	53.5	57.2		16	4L4	w/ interbedded 4L4, minor 4C0 & 5A1; interval 53.5-57.2M heavily broken & gouged; gauge 53.5-53.7 ≈ 11S ₂ (not an artifact); gauge 54.1-54.2 ≈ 11S ₂ ?? (could be artifact); gauge 56.3-56.4 50°/100 (note fault 50° to c.o. along 230° dipping more shallowly than & cutting S ₂ which is 20°/230°; gauge 56.4-56.6M ≈ 11S ₂ (not artifact); gauge 56.9-57.2M, @ 56.9 fault is 25°/200° @ 57.2 fault is 45°/090° i.e. both steep non-foliated & shallow foliated (S ₂) faults thru interval
L	59.4	62.1		17	5B619	again interval trying to "make" 4A0 but not getting there.
L	62.1	64.7		18	4D94	≈ 9.0% carb over interval; may be better due to dilution in KA samples to 65.5M; 62.1-62.8M 4D05 or 4A1 pyrophyllite
L	64.7	65.5		19	5B64	to 4L0; trace, 4L0 64.7-64.9M
L	65.5	66.6		20	4A0	both 4A0 & 4C0 transitional into @ other; [4A137]
L	66.6	66.8		21	5C04*	carb = ankertite, no fuchsite
L	66.8	67.7		22	5B629	again SOS, 5A trying to get it on with the hydrothermal system; v. low grade
L	67.7	69.3		23	4L4/11	split to rotshit
L	69.3	70.6		24	5A619	as unit 22; 5A ⇒ 4A & lurching out
L	70.6	72.3		25	4D94	created & transitional to 4A4; 71.7-71.9 is 5D4* ankertite w/ v. strong (15%?) fuchsite; 71.9-72.3 is 4L4 to 4C0
L	72.3	77.3		26	5A619	transitional to 4A0, some sulfides (ZnS/PbS) enriched, silica poor; 76.7-77.3 just 5A6 no sulfides
L	77.3	78.9		27	000	+ 5B62 rubble and gougey broken core; probable fault zone; no reliable attitudes

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	789	836		28	5AG	transitional to 5AG19
L	836	849		29	4A4	low py; T4A4/3627GAG
L	849	866		30	5D4*	ankerite + 1-2% fuchsite; minor 4L0 and 4AC0; garbage can consist of 4 sub-units; core missing 85.3-86.9 w/ only 1.6M rec'd over 1.6M
L	866	878		31	4D07	ankerite, ~7% combined; minor 4AC0 @ F/W
L	878	890		32	5D4*	ankerite, 5% fuchsite w/ 4L7 interleaved 88.1-88.7; something's fuchsite up in core here - best fit to orig KA log <7% combined
L	890	959		33	4D0	w/ some interleaved 4C0 in entire interval >5% comb.; unit low in overall pyrite content grading to 4B4
L	959	1004		34	4D0	just >5% combined; local 4C0, mod py content
L	1004	1010		35	4A1	to 4A4/1
L	1010	1017		36	4D0	just >5% w/ minor 4C & 4A interbands
L	1017	1031		37	4A4	
L	1031	1039		38	4D0	to 4A0
L	1039	1040		39	5AG	gouge, black pucky, no attitudes possible
L	1040	1053		40	5D4*	>2% fuchsite, ankerite; 0.4m rec'd over 1.3m; major fault 103.9-105.3
L	1053	1062		41	4L4	incipient brecciation over interval; <4% comb. minor
L	1062	1066		42	5D4*	1-2% fuchsite, ankerite } 5D4* @ F/W
L	1066	1088		43	4D0	w/ interleaved 5D4* and 4D4 - garbage 0.5M rec'd over 2.2M
L	1088	1112		44	5AG19	entire interval gouged & broken core; both external bounding gouge zones have indeterminate attitudes - major fault zone
L	1112	1120		45	5B62.3	& minor 5D4*; interval broken and gouged; upper fault contact 10°/280 @ 111.2m; lower fault contact 20°/000 (i.e. down the 52 dip)
L	1120	1169		46	5B0*	dolomitic (FeMg CO ₃ variant)
L	1169	1178		47	5D4*	ankerite; non-fuchsite bearing

Structural Log

Date: 14 July 81 Logged By: [Signature]

Code	From				To				Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				16					CS2S	S					55	230	
S				17					CS2S	S					47	230	
S				18					CS2S	S					50	230	Σ between 12.2-18.2
S				18					CS2Z	Z					610	2310	can't see Σ in core but def- inite symm. change
S				24					CS2Z	Z					54	2310	
S				29					CS2S	S					43	230	poor determination
S				33					CS2Z	Z					50	230	
S				38					CS2Z	Z					55	230	3 @ ≈ 38.5M
S				40					CS2S	S					50	230	prob. local "S" short limb
S				45					CS2Z	Z					60	2310	} prob. overall "Z" w/ moderate scale "S" short limbs
S				51					CS2S	S					612	2310	
S				55					CS2Z	Z					58	2310	
S				57					CS2Z	Z					610	2310	on split core
S				68					CS2Z	Z					75	2310	poor determination on split core
S				76					CS2Z	Z					55	2310	lg interval of split & broken core between 68 & 76M
S				82					CS2Z	Z					43	230	
S				87					R						65	230	
S				93					R						70	230	
S				98					CS2S	S					75	230	poor, single F ₂ "S" in split
S				105					R						610	230	4CB
S				112					CS2Z	Z					43	230	fault zone preceding this pt.
S				118					CS2S	S					610	230	could be 3
S				125					CS2S	S					73	2310	3 ≈ 120M
S				130					CS2Z	Z					74	230	

ASSAY LOG (SAMPLER'S COPY) Date _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
P	185		162		76222		107		107		41A4		No sample kept in collection
P	435		448		76223		13		13		4AC		" " " " "
P	523		535		7624		12		12		4A4		" " " " "
P	621		647		7625		26		26		4A4		
P	647		666		7626		19		19		4AC		
P	666		693		7627		27		27		5AC19		→ 4L4
P	693		706		7628		13		13		5AC19		
P	706		723		7629		17		17		4D4		
P	723		743		7630		20		19		5AC19		
P	743		773		7631		30		27		5AC19		
P	836		849		7632		13		13		4A4		
P	849		866		7633		17		10		5D4*		4L0, 4AC
P	866		878		7634		12		12		4D7		
P	878		890		7635		12		12		5D4*		
P	890		910		7636		20		20		4D0		
P	910		930		7637		20		19		4D0		
P	930		950		7638		20		20		4D0		
P	950		970		7639		20		20				
P	970		990		7640		20		20				
P	990		1004		7641		14		10				
P	1004		1017		7642		13		13				
P	1017		1039		7643		22		22				
P	1039		1052		7644		13		10				
P	1052		1088		7645		36		20				

FAULT

DDH FAGU132
2 8

Cyprus Anvil Mining Corp.

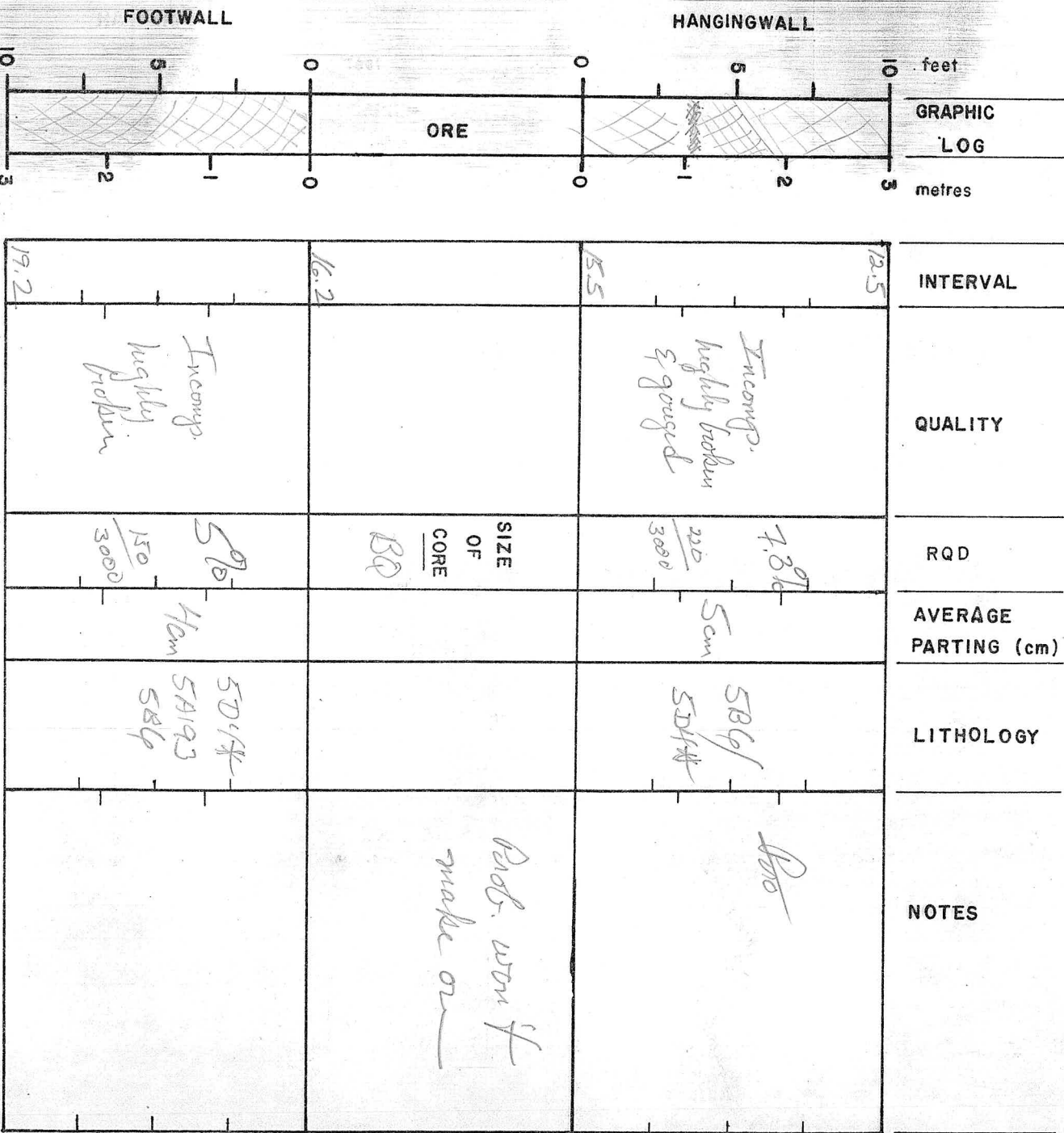
Page _____ of _____

Structural Log

Date: 4 Nov/83 Logged By: _____

Code	From				To				Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F		7	1		18	0	XIGB			310	215	10		15	214	10	6xa, gouge & broken core
F		12	3		12	9	QIGB	B									1000, gouge & broken core recovery 83%, IND
F		13	0	2	13	0	GIBQ					919	919	919			1000, gouge & broken core gouge & gtz sweets // S ₂ Major fault
F		15	3	5	15	7	23	BIG	G								heavily broken & gauged
F		15	3	5	15	3	7	G				919	919	919			not drilling artifact
F		15	4	1	15	4	2	G				919	919	919			could be artifact
F		15	6	3	15	6	4	G				510	010	010			
F		15	6	4	15	6	6	G				919	919	919			not artifact
F		15	6	9	15	7	2	F		215	210	10		415	019	10	
F		17	0	6	17	2	3	XI									bxiated
F		17	7	3	17	8	9	QIRG									rubble & gougy broken core probable fault zone / IND has 1000
F		18	5	3	18	6	9	P	3								37% recovery 16 ins 1.6m interval
F		110	3	9	110	4	0	G									gouge, black, pucky IND
F		110	4	0	110	5	3	P	3								30% recovery
F		110	3	9	110	5	3	F									Major fault according to DSD
F		110	5	3	110	6	2	1	XI								incipient bxiation
F		110	6	6	110	8	8	P	2								22% recovery
F		110	8	8	111	1	2	G	BI								gouge & broken core IND major fault zone
F		111	1	2	111	2	0	B	IG	110	218	10		210	010	10	interval broken & gauged

GEOTECHNICAL LOG



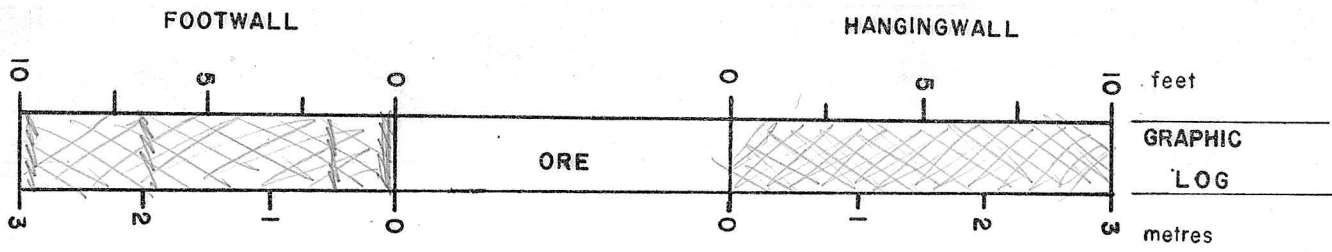
Handwritten calculations:

$$300 \cdot \frac{105}{151} = 207.3$$

$$300 \cdot \frac{100}{121} = 248.0$$

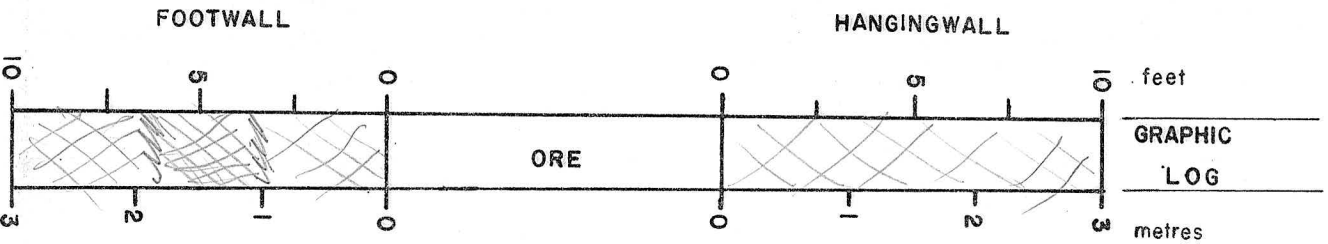
$$300 \cdot \frac{91}{100} = 273.0$$

GEOTECHNICAL LOG



INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
52.3 - 56.5	Strongly fractured	0	45 cm	4L	No core > 10cm
52.3 - 53.5		BQ		4A4	
49.3 - 52.3	Strong	0	2-3 cm	SAC SAG19	16 core > 10cm

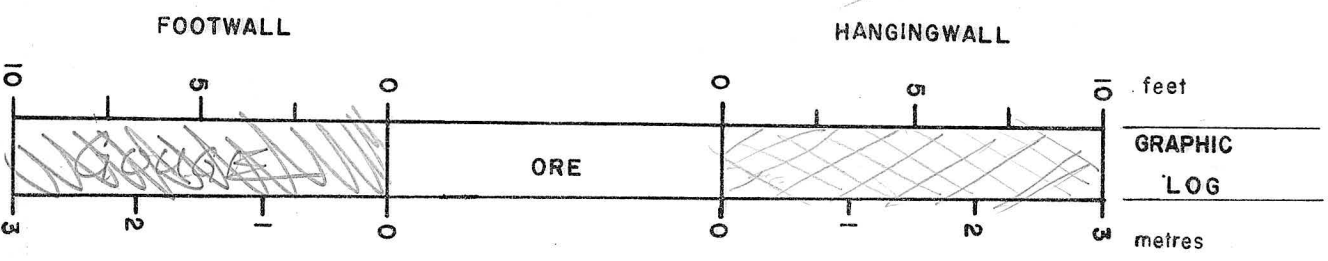
GEOTECHNICAL LOG



INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
59.1	Mod → w/ply competent → stony	12.3% 4 BD 310 3000	4.5 cm	SBG19	
76.7	Incomp.	3.9% BD 100 3000	4.5 cm	SAG19 etc	
79.7				4DCA	

30 / 11.00
300 / 37.00
7.00

GEOTECHNICAL LOG



INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
80.4	Garbage	376 100/3000	34 cm	SA	
108.2	Hopeless	490 BP	9	UDCA	
111.3		120/3000	0.15	SA/ SB6 SD4*	

300/12100

DIAMOND DRILL RECORD

 LOGGED BY ALEZANDER YOUNG PO

 D.D.H. No 76-U-132 PAGE 1

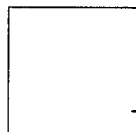
 PROPERTY GRUM JOINT VENTURE

 LATITUDE 10,895.4N * 7N+1.5mNE STARTED JULY 7, 1976

 DEPARTURE 7,628.7E * 76W COMPLETED JULY 12, 1976

 ELEVATION 1,138 * PROPOSED DEPTH _____
 * - approximated ULTIMATE DEPTH 132.8m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	044	+63°
No D & B survey taken.		
Hole caved in.		



CLAIM No _____

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

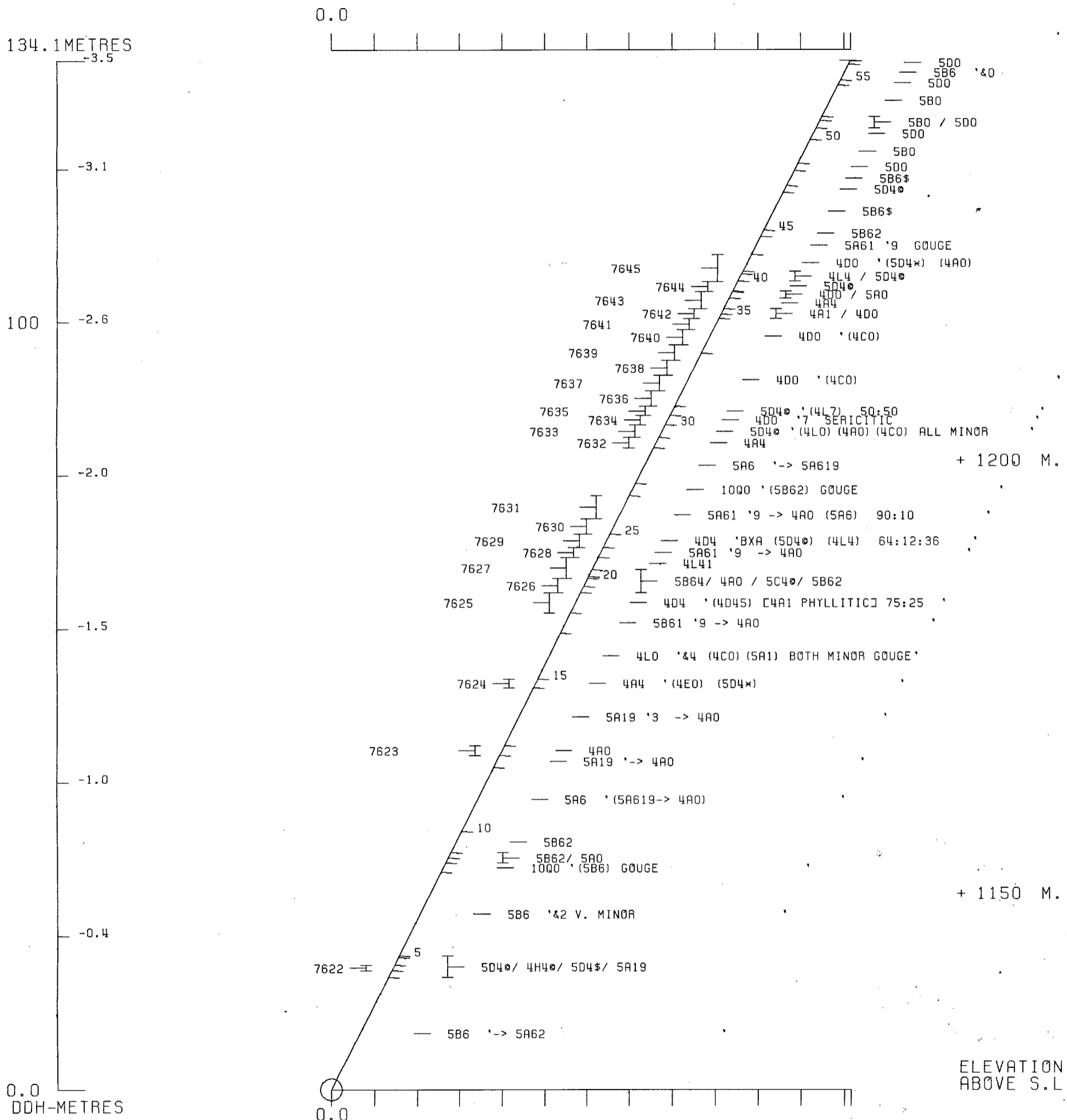
TOTAL CORE RECOVERY: 89.0%

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay 2				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
0	9.1	GRAPHITIC SERICITE PHYLITE (SG). Broken blocky core ranging from 2-4cm long. Foliation = 45-50°; F = 5-10°. 4.5-4.6: Shear. Sliding plane marked by flakey phyllite fragments = 20°. 7.6-7.8: FAULT. Phyllite/quartz pebble in black, gritty clay sand material. 9.1: Gradual change to Sericite Phyllite.	8.7		0	9.1	9.1										
9.1	15.0	SERICITE PHYLITE. Blocky core ave: = 3cm long. Foliation = 45-50°. F = 5-10°. Similar to preceding run except for decrease in graphitic lamin ae. 14.6: Fold nose. 15.0: Sharp contact with bleached phyllite (Sb) = 50°.	5.5		9.1	15.0	5.9										
15.0	16.8	BLEACHED PHYLITE (Sb). Competent. White to buff colour with green fuchsite spots. Foliation = 50°. 15.4-16.0: Massive sulfide interval. Dense almost structureless except for faint compositional bands of Po = 70°. Has quartz inclusions Ø=1mm-1cm and Py=75, PbZn = 12%. 25 6	1.8	3709	15	16.8	1.8	3.38	6.45	67.54							

LOGGED BY

D.D.H. No 76-U-132 PAGE 5

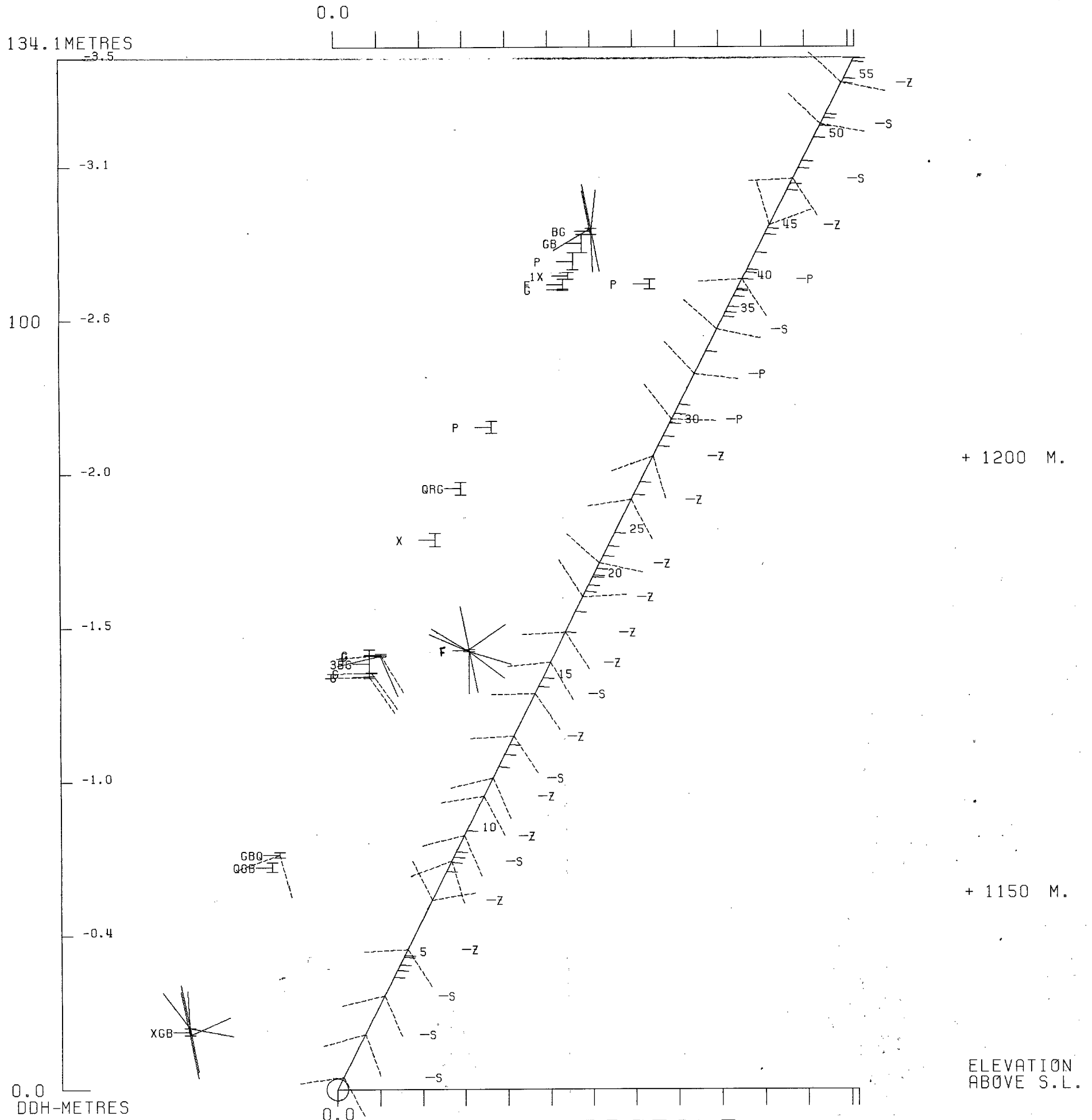
Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x		
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
83.7	85.3	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent. 30 6	1.6	3719	83.7	85.3	1.6	2.18	4.00	42.51			3.488	6.4	68.016
		Foliation = 45° with parallel sulfide bands. Short 30 7	1.0	3720	85.3	86.9	1.6	2.78	4.76	55.54			4.448	7.616	88.864
		intervals of buff-bleached phyllite @ 85.1-85.3; 40 15	1.4	3721	86.9	88.4	1.5	2.25	4.90	43.54			3.375	7.35	65.31
		87.9-88.3; 89.6-89.7; Fold nose at 84.2. 40 18	1.5	3722	88.4	89.9	1.5	2.65	4.46	58.63			3.975	6.69	87.945
		From 85.3 onward-increase in silica content in the 50 20	1.4	3723	89.9	91.4	1.5	3.28	4.80	53.49			4.92	7.20	80.235
		groundmass and decrease in graphitic laminae. Con- 30 12	1.5	3724	91.4	93.0	1.6	2.10	3.10	35.31			3.36	4.96	56.496
		tact marked by the bleached phyllite = 55°. 25 10	1.4	3725	93.0	94.5	1.5	1.80	3.90	25.37			2.70	5.85	38.055
		35 12	1.5	3726	94.5	96.0	1.5	2.33	4.46	32.23			3.495	6.69	48.345
85.3	108.0	QUARTZ-SULFIDE (P). Competent. Foliation = 65-70° 30 12	1.5	3727	96.0	97.5	1.5	3.00	2.66	43.54			4.50	3.99	65.31
		followed by sulfides. No clear F/F relation 30 10	1.5	3728	97.5	99.1	1.6	2.13	2.70	32.23			3.408	4.32	51.568
		noted. 35 10	0.8	3729	99.1	100.6	1.5	3.00	4.96	43.54			4.5	7.44	65.31
		88.8-89: Greenish white bleached phyllite. Both 35 12	1.3	3730	100.6	102.1	1.5	2.88	3.16	39.43			4.32	4.74	59.145
		Contact sharp = 75°. Prominent fuchsite. 40 15	1.2	3731	102.1	103.6	1.5	2.08	5.25	33.26			3.12	7.875	49.89
		90.1-90.3: Broken sandy core. No gouge. 30 10	1.0	3732	103.6	105.2	1.6	0.65	3.10	9.94			1.04	4.96	15.9
		90.4: Fold nose-also in 99. 30 12	2.0	3733	105.2	108.0	2.8	1.53	2.68	24.34			4.28	7.50	68.15
		103.9-104: FAULT. Quartz-sulfides-phyllite fragments Ø = 1-2mm with black sticky gouge. W.Av.			83.7	91.4	7.7	2.62	4.58	50.69			20.206	35.256	390.37
		104-106.8: Mineralized Bleached Phyllite (Sb). Buff with greenish fuchsite spots and thin laminae. Foliation = 75-80° W.Av.			91.4	99.1	7.7	2.27	3.35	33.74			17.463	25.81	259.77
		with sulfide bands. Second contact = 70°. W.Av.			99.1	103.6	4.5	2.65	4.46	38.74			11.94	20.055	174.35
		108.0: Change to Graphitic phyllite (G). Contact broken W.Av.			83.7	103.6	19.9	2.49	4.07	41.4			130.75		
		ground. W.Av.			103.6	108.0	4.4	1.21	2.83	19.10					



DDH: FAGU132 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1127 592319E ; 905102N
PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
CORRECTED COLLAR POSITION: X = 590.1 Z = 1127.4
SECTION NAME: 76W

ELEVATION
ABOVE S.L.



0.0 DDH-METRES

DDH: FAGU132 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1127 592319E.; 905102N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 590.1 Z = 1127.4

SECTION NAME: 76W

ELEVATION
ABOVE S.L.

FAGU134

DRILL HOLE : FAGU134
NORTHING : 905,013.2
EASTING : 592,237.1
ELEVATION : 1,123.5
TOTAL DEPTH : 99.0
SECTION : W 76
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: 36
NOS DOWN-H-STRUCTURE: 18
NOS DOWN-H-FAULTS: 17
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

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ORE SAMPLES & ASSAYS (DHC20)

PAGE: 31

DDH: FAGU134 UTM-N: 905,013.2 UTM-E: 592,237.1 UTM-ELEV: 1,123.5 TOTAL DEPTH: 99.0 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	-----ASSAYS-----													
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %
5.9	6.7	07396	.8	.8	4L4	2.89	.10	.67	1.44	12.00		.40	2	3	5					
6.7	8.0	07397	1.3	1.1	5A19	2.97	.02	1.12	.69	12.00		.20	3	3	6					
19.3	20.6	07398	1.3	1.3	4L0	3.12	.02	.14	.44	.99		.27	4	1	5					
29.0	29.8	07399	.8	.8	4D0	3.33	.04	4.84	2.89	84.00		.95	1	4	6					
29.8	31.8	07400	2.0	2.0	4A1	3.04	.05	2.64	1.16	37.00		1.03		3	4					
31.8	33.9	08101	2.1	2.1	4A1	3.00	.07	2.29	1.13	29.99		1.03		3	4					
33.9	36.3	08102	2.4	2.4	4A1	2.95	.07	1.70	1.08	18.00		.89		3	4					
36.3	38.7	08103	2.4	2.4	4A1	2.95	.08	1.36	.70	13.99		.89		4	5					
38.7	41.0	08104	2.3	2.3	4A1	2.97	.05	.93	.72	18.00		1.43		4	5					
41.0	42.0	08105	1.0	1.0	4A1	3.02	.02	3.20	1.26	33.00		2.81		3	4					
42.0	44.1	08106	2.1	2.1	4A1	3.00	.02	2.39	2.39	25.00		.62	1	2	3					
44.1	45.8	08107	1.7	1.6	4A1	2.93	.01	.54	.76	6.99		.47	1	1	3					
45.8	46.6	08108	.8	.8	4A17	2.93	.02	.32	.40	3.99		.47	2	1	4					
46.6	48.3	08109	1.7	1.7	4A17	2.95	.01	.64	.76	10.00		.47	3	1	4					
48.3	49.6	08110	1.3	1.3	4A17	2.81	.01	.77	1.44	12.00	11.00	.40	2		3					
49.6	51.6	08111	2.0	2.0	4A17	2.91	.01	.85	1.32	12.00		.40	1		2					
51.6	53.6	08112	2.0	2.0	4A17	2.91		1.28	1.63	20.00		.34	1		2					
53.6	55.1	08113	1.5	1.5	4A17	2.89	.02	.93	1.42	12.00		.03	1	1	2					
55.1	57.0	08114	1.9	1.9	4A1	2.95	.08	1.53	2.20	28.99		1.78	1	21	23					
57.0	58.5	08115	1.5	1.5	4A1	3.39	.05	1.56	1.99	28.99		1.98	1	15	16					
58.5	60.0	08116	1.5	1.5	4A14	3.56	.11	4.90	5.09	71.00		2.06	1	15	17					
60.0	62.1	08117	2.1	1.8	4D45	3.27	.05	3.89	6.79	60.99		1.43	1	9	11					
62.1	63.4	08118	1.3	1.1	4A14	3.64	.14	4.40	6.99	74.00		2.06	1	16	18					
63.4	64.7	08119	1.3	1.3	4A14	3.43	.05	3.70	6.29	52.00		1.30	1	13	15					
64.7	65.3	08120	.6	.6	4C0	3.87	.02	.32	1.11	13.99		1.91	2	27	29					
69.6	71.4	08121	1.8	1.8	4A0		.02	.76	2.39	12.00										
85.3	86.8	08122	1.5	.1	4A4	2.99	.10	6.70	9.00	103.00		1.98	2	15	17					
88.1	91.4	08123	3.3	1.0	4A1	3.41	.22	1.76	1.61	31.99	33.00	.34	13	10	23					
WEIGHTED AVERAGE																				
5.9	8.0		2.1	1.9		2.94	.05	.94	.98	12.00		.28	2	3	6					
19.3	20.6		1.3	1.3		3.12	.02	.14	.44	.99		.27	4	1	5					
29.0	65.3		36.3	35.7		3.08	.04	1.98	2.18	28.73	.39	1.06	1	6	7					
69.6	71.4		1.8	1.8			.02	.76	2.39	12.00										
85.3	86.8		1.5	.1		2.99	.10	6.70	9.00	103.00		1.98	2	15	17					
88.1	91.4		3.3	1.0		3.41	.22	1.76	1.61	31.99	33.00	.34	13	10	23					

21NOV83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 32

DDH: FAGU134 UTM-N: 905,013.2 UTM-E: 592,237.1 UTM-ELEV: 1,123.5 TOTAL DEPTH: 99.0 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	118.800	42.200

21NOV83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 33

DDH: FAGU134 UTM-N: 905,013.2 UTM-E: 592,237.1 UTM-ELEV: 1,123.5 TOTAL DEPTH: 99.0 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.7	0001	4L14	(5C4*)	0.5-	1
3.6	0002	4L86		0.5-	1
5.9	0003	4L6	(10Q0 CHLOR) (5C*)	0.5-	1
6.7	0004	4L4		0.5-	1
8.0	0005	5A19	[4A05]	0.5-	1
8.6	0006	5B62	(4L0)T.O.I.	0.5-	1
9.9	0007	5A19		0.5-	1
15.6	0008	4L7	(5B6) (4L*)	0.5-	1
18.2	0009	5B6		0.5-	1
19.3	0010	4L0	(5D4*)	0.5-	1
20.6	0011	4L0	(4L4)	0.5-	1
22.8	0012	4L7	[5D4*]	0.5-	1
24.5	0013	4L0		0.5-	1
25.0	0014	4L7		0.5-	1
27.4	0015	4L0	(10Q0) MINOR	0.5-	1
29.0	0016	4L7		0.5-	1
29.8	0017	4D0		0.5-	1
33.9	0018	4A10	PHYLLITIC [4C5]	0.5-	1
41.0	0019	4A10	PHYLLITIC [4C5]	0.5-	1
44.1	0020	4A10	PHYLLITIC [4C5]	0.5-	1
45.8	0021	4A10	PHYLLITIC [4C5]	0.5-	1
48.3	0022	4A17	PHYLLITIC [4C57]	0.5-	1
49.6	0023	4A17	PHYLLITIC [4C57]	0.5-	1
55.1	0024	4A17	PHYLLITIC [4C57]	0.5-	1
57.0	0025	4A10		0.5-	1
60.0	0026	4A14	(4A10) T.O.I.	0.5-	1
62.1	0027	4D45		0.5-	1
64.7	0028	4A14	(4D0) 80:20	0.5-	1
65.3	0029	4C0	(4A10)	0.5-	1
66.3	0030	5D4@	(4L1)	0.5-	1
69.6	0031	5B4	(4L2) (10Q0)	0.5-	1
71.4	0032	4A0		0.5-	1
85.3	0033	4L0@	(4L2) (10Q0)	0.5-	1
86.8	0034	4A4	(4D4)	0.5-	1
88.1	0035	4L0	FAULT?	0.5-	1
99.1	0036	4A10		0.5-	1

21NOV83 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 34

DDH: FAGU134 UTM-N: 905,013.2 UTM-E: 592,237.1 UTM-ELEV: 1,123.5 TOTAL DEPTH: 99.0 SECTION: W 76
 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
FAGU134	0.0	6.2	PS2	P	0	0	0	0	15	230	0		1	1	1
FAGU134	0.0	6.9	CS2	S	0	0	0	0	20	230	0		1	1	1
FAGU134	0.0	8.5	PS2	P	0	0	0	0	20	230	0		1	1	1
FAGU134	0.0	12.0			0	0	0	0	1	230	0		1	1	1
FAGU134	0.0	16.7	CS2	S	0	0	0	0	20	230	0		1	1	1
FAGU134	0.0	21.0			0	0	0	0	1	230	0		1	1	1
FAGU134	0.0	21.2	CS2	Z	0	0	60	90	10	230	0		1	1	1
FAGU134	0.0	23.9	CS2	S	0	0	0	0	10	230	0		1	1	1
FAGU134	0.0	27.5	CS2	S	0	0	0	0	15	230	0		1	1	1
FAGU134	0.0	31.7	CS2	S	0	0	0	0	15	230	0		1	1	1
FAGU134	0.0	56.0			0	0	0	0	1	230	0		1	1	1
FAGU134	0.0	56.8	PS2	P	0	0	0	0	30	230	0		1	1	1
FAGU134	0.0	57.7	PS2	P	0	0	0	0	25	230	0		1	1	1
FAGU134	0.0	61.5	PS2	P	0	0	0	0	40	230	0		1	1	1
FAGU134	0.0	66.0	PS2	P	0	0	0	0	25	230	0		1	1	1
FAGU134	0.0	70.0	CS2	S	0	0	0	0	30	230	0		1	1	1
FAGU134	0.0	77.0	CS2	Z	0	0	0	0	35	230	0		1	1	1
FAGU134	0.0	85.2	PS2	P	0	0	0	0	40	230	0		1	1	1

21NOV83 GRUM

DOWN-HOLE FAULTS (DH020)

PAGE: 35

DDH: FAGU134 UTM-N: 905,013.2 UTM-E: 592,237.1 UTM-ELEV: 1,123.5 TOTAL DEPTH: 99.0 SECTION: W 76
 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	
FAGU134	0.0	2.7	P		0		0	0	0	0	1
FAGU134	0.0	17.8	1G				0	0	0	0	1
FAGU134	18.2	19.3	1XQ				0	0	0	0	1
FAGU134	73.2	74.7	P		1		0	0	0	0	1
FAGU134	77.7	79.2	P		2		0	0	0	0	1
FAGU134	80.8	82.3	P		6		0	0	0	0	1
FAGU134	82.3	83.8	MNP				0	0	C	0	1
FAGU134	71.4	85.3	3BP				0	0	1	0	1
FAGU134	85.3	86.8	P		0		0	0	C	0	1
FAGU134	86.8	88.1	G?				0	0	C	0	1
FAGU134	88.4	89.9	P		3		0	0	C	0	1
FAGU134	91.4	94.5	NP		0		0	0	C	0	1
FAGU134	94.5	96.0	P		0		0	0	C	0	1
FAGU134	96.0	97.2	P		3		0	0	C	0	1
FAGU134	97.2	97.5	P		3		0	0	C	0	1
FAGU134	88.1	99.1	BP				0	0	C	0	1
FAGU134	97.5	99.1	P		2		0	0	C	0	1

21NOV83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 36

DDH: FAGU134 UTM-N: 905,013.2 UTM-E: 592,237.1 UTM-ELEV: 1,123.5 TOTAL DEPTH: 99.0 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU134 1 1

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 8
Date: July 28 1981

Hole Number: FAGU 134 (76-U-134)

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: _____

~~Terr. Plane~~
Co-ords.: 6905013.2 N

592237.1 E

Grid
Co-ords: 76 W

3+3.5 N

Elevation: 1123.5 m

Total Depth: 99.1 m

Purpose: _____

Reason hole
Terminated: Bad ground.

Logged by: RST

Date(s) Logged: July 26-28/81

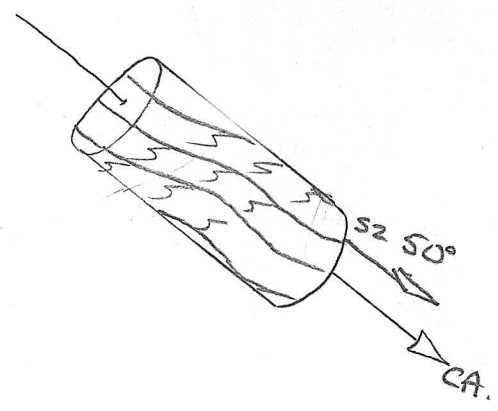
Drilling
Contractor: Cameron & McCutcheon

Size	CORE From	To	Collar Cased and Capped: _____
<u>BQ</u>	<u>COLLAR</u>	<u>KOT1</u>	

Hole
Cemented: _____

Steel down
hole: _____

Started: July 12/76 Completed: July 18/76



All symmetry determinations looking
NW with SZ dipping
SW with dip azimuth 50.

*UTM
Conversion of
KA Survey
grid coords*

Code	From	To	Recov.	No.	Unit	Description								
	10 14 16 20 22 24 26 28 30 34 35													
L	10	14	16	20	22	24	26	28	30	34	35	1	4L1A	(5C4*) fuchsitic 0.2 m rec.
L	14	16	20	22	24	26	28	30	34	35	2	4Lx6	Dolomitic, sericitic altered rock dirty grey color; minor qtz ank veinlets chloritic.	
L	16	20	22	24	26	28	30	34	35	3	4L6	(000, 5C4* fuchsitic) chloritic, especially close to qtz veins @ 4.6-5.4 m, 5C4* buff-tan laminated rock with incipient fuchsite spots. ^{h.c. sharp}		
L	20	22	24	26	28	30	34	35	4	4L4	reddish sphgn m. cp in fractures, lower contact sharp			
L	22	24	26	28	30	34	35	5	5A19	000 [4A5] v. Graphitic 4A minor sph & gn in narrow qtz bands. 7.6-8m Qtz vein & 2ndry cp, gn, sph po.				
L	24	26	28	30	34	35	6	5B62	(4L0) weak alteration at start of section					
L	26	28	30	34	35	7	5A19	cf. unit 5. More phylitic and carbonaceous rather than graphitic						
L	28	30	34	35	8	4L7	(5B6, 4L*) Weakly altered 5B ^{19.8} , with narrow ankertic laminae along S2. 14.8-15.6 is 4L* similar in appearance to unit 2.							
L	30	34	35	9	5B6	qtz veins for 0.4 m at start of section sub// to S2 chloritic alteration peripheral to veins. Narrow <1m zone @ 17.8								
L	34	35	10	4L0	(5D4*) <1m interval of 5D4* tan buff colored @ start of section. This section to 19.3 is fractured almost to a crackle br. Ank qtz & m. py seal fractures.									
L	35	11	4L0	(4L4) Essentially, 4L0 weakly fractured with narrow intervals of 4L4, the sulphides having mainly infilled fractures, sharp lower contact										
L	11	12	4L7	[5D4*] OAV top of section essentially (0.6m) chloritic with narrow buff tan ank. laminae disrupted by qtz-ank veins. Lower part of section buff-tan alkertic with chloritic laminations. This may be the transitional rock 5D4* noted by DSH. Sharp lower contact.										
L	12	13	4L0	Ank. forms wispy laminae along S2										
L	13	14	4L7	Weakly magnetic po noted along S2										
L	14	15	4L0	(000) narrow qtz veins 25.4, 28.3										
L	15	16	4L7	cf. unit 14.										
L	16	17	4D0	Qtz rich bands with sericitic partings almost Ank.										

Lithologic Log

Date: July 28/81

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	298		339						18	4A10	Phyllitic 4A c' S ₂ PbZn ank. in fractures which are minor.	
L	339		410						19	4A11	Similar to unit 18 except more py than sph, g. cp. noted in weak fractures.	
L	410		441						20	4A14	cf. unit 18 NB This hole drilled down S ₂ so that core is splitting along S ₂	
L	441		458						21	4A11	phyllitic cf unit 19 Qtz veins at start of section sub/S ₂	
L	458		483						22	4A117	phyllitic Weakly magnetic portions of section chloritic ^(po) close to fractures.	
L	483		496						23	4A11	7 phyllitic similar to previous units in appearance except > sph gn. Weakly magnetic minor grains of po noted.	
L	496		551						24	4A117	cf. unit 22 similar to U. 18-23. however there are in this section short intervals with sph gn.	
L	551		570						25	4A11	This differs from previous units 18-24 in being more siliceous with almost no phyllitic content and with carbonaceous parting & greater sulphide content i.e. increase in SiO ₂ , C & py than S.	
L	570		600						26	4A11H	Narrow intervals approach 4D. Upper contact sharp with pyritic 4A. cf unit 25 short sections at 59.5 approach 4D	
L	600		621						27	4D45	Similar to U. 25-26 except only wisps of C and > 10% PbZn	
L	621		647						28	4A11H	(400) cf. 25 except more significant intervals of 4D 62.2-62.5 63.2-63.4 V 4A14.	
L	647		653						29	4C0	(AA1) Essentially v. pyritic 4C interbedded 4A.	
L	653		663						30	5D4x	one (4L1) Upper 0.3 m 4L1. lower part of section of lower part of unit 12. sharp broken lower cut.	
L	663		696						31	5B41	(4L2, 000) upper part of section with minor py along S ₂ . Weakly altered with ^{thin} ank. Monimias along S ₂ Qtz vein 68.5-68.7, ankentic to 0.5m above vein.	
L	696		714						32	4A0	Not split & assigned by 4A. short interval 4A4@	
L	714		853						33	4L0*	(4L2, 000) Very broken interval poor rec. ankentic portions. 71.8-73.2, 76-76.2, 79.2 poor rec. 73.2-74.7 (0.2m), 77.7-79.2 (0.3m) 80.8-82.3m (0.9m) 82.3-83.8 (Mismatch) NB Qtz veins one close to zones of poor rec. minor gauge present (pos. fit?)	

Not typical
4A
grey-phyllitic
not
black-carbon.

4A10@
TOI

DDH FAGU134
2 8

Cyprus Anvil Mining Corp.

Page 5 of 8

Lithologic Log

Date: July 26/8

Logged By: RST

Code	From				To				Recov.				No.	Unit	Description
	10	14	16	20	22	24	26	28	30	34	35				
L	85	3	86	8					34	4A,4	(4D4)	3 pieces of core 0.1m ?? interval,			
L	86	8	88	1					35	4L,0	4A	1? Fault, This interval consists of essentially sandy material with a few pieces of 4A13.			
L	88	1	99	1					36	4A,1	X	Zone of very poor core rec. broken & ground core. Intervals missing: 88.4-89.9 (0.5m), 91.4-93.2 (0), 93.2-94.5 (0), 94.5-96 (0.1), 96.0-97.2 (0.4), 97.2-97.5 (0.1), 97.5-99.1 (0.4)			
												END OF HOLE.			

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
S				62	INDR							15	230	
S				69	CS2S							20		
S				85	INDP							20		
S		91		167	INDH									S ₂ // to sub // to c.a. Can be seen undulating
S				167	CS2S							20		
S		1169		210	INDH							10		
S				212	CS2Z				60	90		10		
S				239	CS2S							10		
S				275	CS2S							15		
S				317	CS2S							15		
S		320		560	INDH									S ₂ undulating between 0 and 15° along c.a.
S				568	INBR							30		
S				577	INDR							25		
S				615	INDR							40		S ₁ sub // S ₂
S				660	INDP							25		
S				700	CS2S							30		
S				770	CS2Z							35		
S				777	FRL			0	00					
														Fault zone from 73.2 to end of hole; not sufficient info to determine orientation except Qtz veins essentially sub // S ₂ .
S				852	INDR							40		

ASSAY LOG (SAMPLER'S COPY) Date July 26/81

Metres

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
P		59		67	7396			08		09		4L4	
P		67		80	7397			13		11		5A1, 9	000 [4A5]
P		193		206	7398			13		13		4L0	(4L4)
P		290		298	7399			08		08		4D0	*
P		298		318	7400			20		21		4A1, 4	0 *
P		318		339	81101			21		22		4A1, 4	0
P		339		363	81102			24		24		4A1	
P		363		387	81103			24		24		4A1	*
P		387		410	81104			23		25		4A1	19
P		410		420	81105			20		10		4A1, 4	0 *
P		420		441	81106			21		21		4A1, 4	0
P		441		458	81107			17		16		4A1	
P		458		466	81108			08		09		4A1, 7	*
P		466		483	81109			17		17		4A1, 7	
P		483		496	81110			13		13		4A1, 7	*
P		496		516	81111			20		20		4A1, 7	
P		516		536	81112			20		20		4A1, 7	
P		536		551	81113			15		15		4A1, 7	
P		551		570	81114			19		20		4A1	
P		570		585	81115			15		18		4A1, 4	*
P		585		600	81116			15		15		4A1, 4	
P		600		621	81117			21		18		4D45	*
P		621		634	81118			13		11		4A1, 4	*
P		634		647	81119			13		13		4A1, 4	
P		647		653	81120			06		06		4C0	(4A1) *
P		696		714	81121			18		18		4A0	
P		853		868	81122			15		01		4A4	(4D4) very poor sample
P		881		914	81123			33		10		4A1, 4	Poor recovery
													NB Beyond this sample is not representative.
													End hole @ 99-1

Meters

FAULT

DDH FAGU134
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

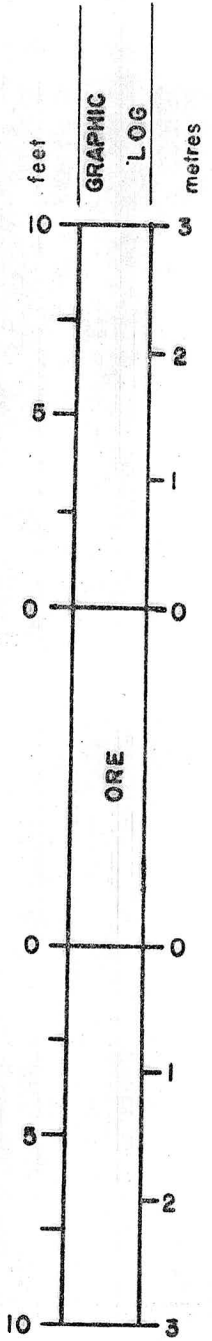
Date: 4 Nov/83 Logged By: _____

Code	From				To				Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F	100			127	P	0											7% recovery
F				178	IG												narrow gouge zone
F	182			193	IXIQ												incipiently fractured - almost to crumble brass
F	1714			1853	3IBIP						01000						very broken w/ poor recovery / fracture
F	1732			1747	P	1											13% recovery
F	1777			1792	P	2											20% recovery
F	1808			1823	P	6											60% recovery
E	1823			1838	MIMP												mismatch - no recovery
F	1853			1868	P	0											6% recovery
F	1868			1881	IG?												Sandy material w/ a few pieces of 4A13.
				1881	181P												zone of poor recovery, broken & ground core
				1818	9P	3											33% recovery
				1914	5NIP	0											no recovery
				1945	0P	0											6% recovery
				1960	1972P	3											33% recovery
				1972	1975P	3											33% recovery
				1975	1991P	2											25% recovery

GEOTECHNICAL LOG

HANGINGWALL		GRAPHIC LOG	INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
10	3		51.9	competent	25%	8cm	AA phyllitic	S ₂ sub// to c.a. 1 frac/3m. Core already soft.
0	0	ORE	54.9		SIZE OF CORE 80			AA, AD - quite competent.
0	0		65.3					
10	3		68.3	competent but soft	60%	584		Soft, Thinly laminated. 5 frac/3m.

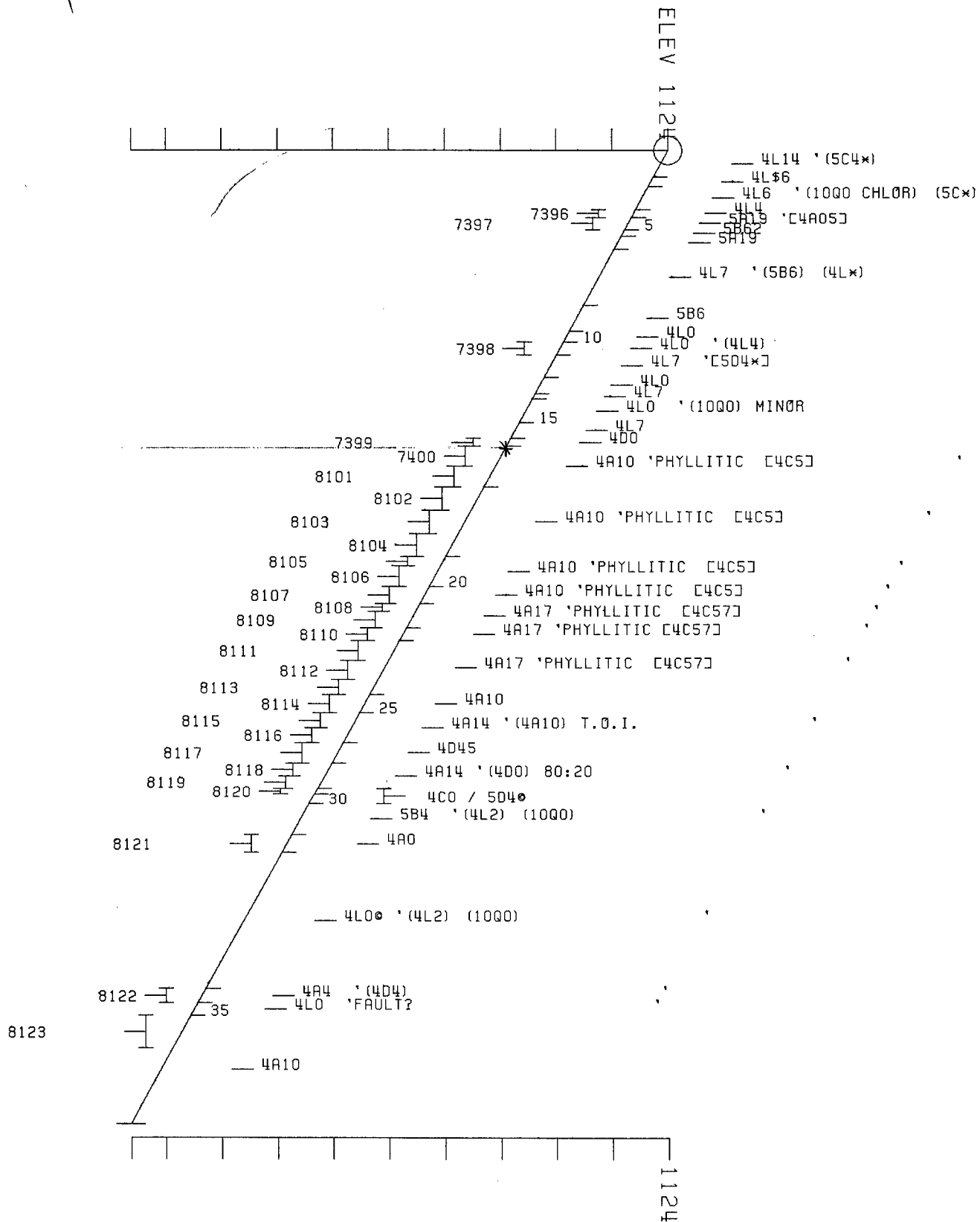
FOOTWALL



DDH: FAGU134 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1124 592237E ; 905013N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 469.1 Z = 1123.6
 SECTION NAME: 76W

DDH-METRES
 0.0 0.7
 0.2
 0.0
 -0.2
 -0.7
 -1.2
 -1.6
 99.0 METRES



CYPRUS ANVIL MINING CORPORATION
 PROGRAM DH162 8 NOV 1984 11:13 AM

DDH: FAGU134 -- 42 DEGREE PROFILE

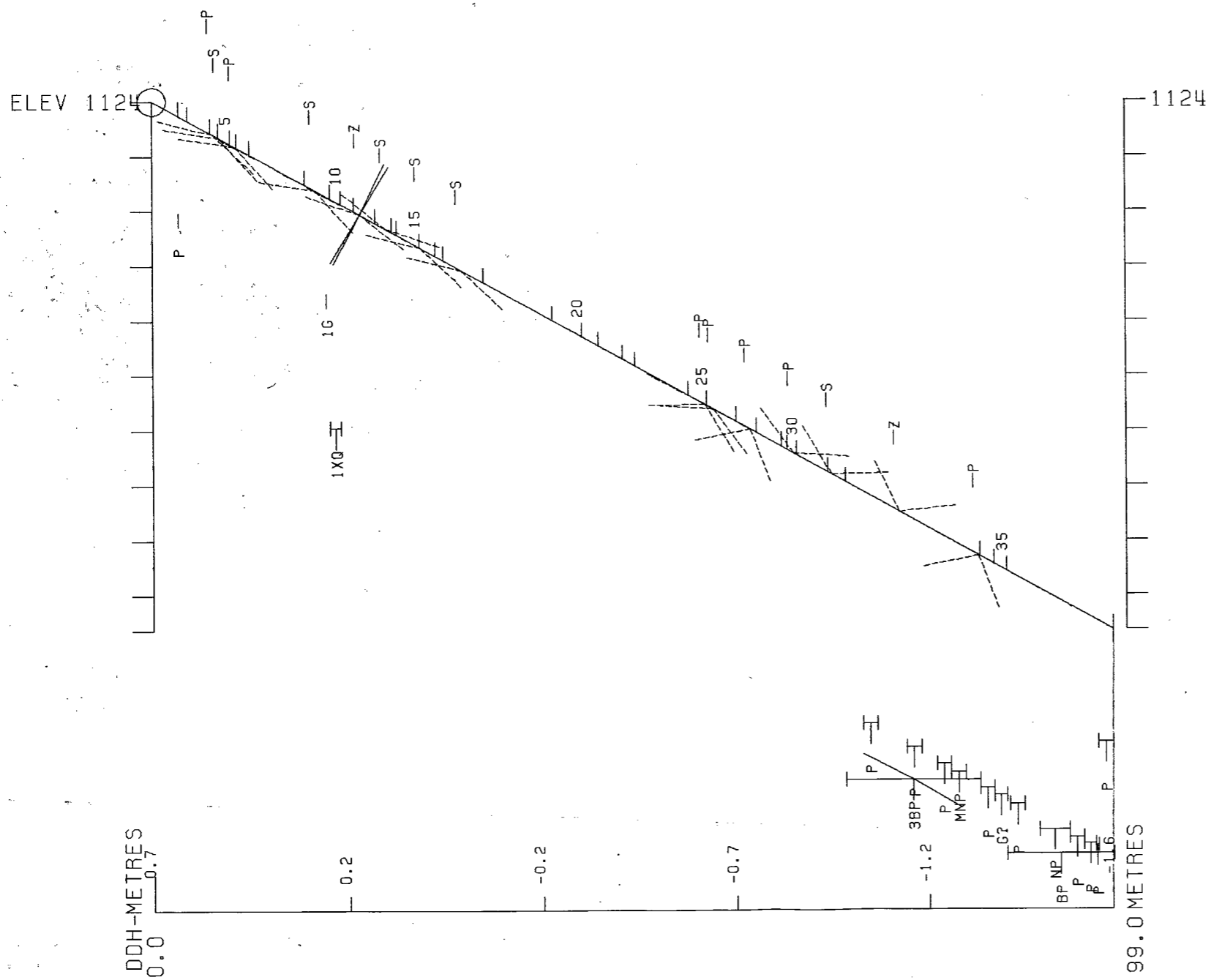
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1124 592237E ; 905013N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 469.1 Z = 1123.6

SECTION NAME: 76W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 8 NOV 1984 11:12 AM

FAGU138

DRILL HOLE : FAGU138
NORTHING : 905,012.8
EASTING : 592,237.3
ELEVATION : 1,123.3
TOTAL DEPTH : 122.2
SECTION : W 76
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: 31
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 39
NOS DOWN-H-STRUCTURE: 27
NOS DOWN-H-FAULTS: 18
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

21NOV83 GRUM

ORE SAMPLES & ASSAYS (DH020)

PAGE: 24

DDH: FAGU138 UTM-N: 905,012.8 UTM-E: 592,237.3 UTM-ELEV: 1,123.5 TOTAL DEPTH: 122.2 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	-----ASSAYS-----												
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %
2.6	3.9	07312	1.3	1.1	5CD	.02	.88	1.71	15.99										
6.2	7.1	07313	.9	.9	4L14	.02	2.39	2.89	37.00										
31.6	33.3	07314	1.7	1.6	4A1	2.95	.04	2.10	1.51	27.00	.81	2	3	5					
33.3	34.9	07315	1.6	1.6	4A1	2.93	.05	.59	.42	9.00	.95		5	6					
34.9	36.5	07316	1.6	1.5	4A1	3.02	.10	1.32	2.39	22.00	1.10	1	6	7					
36.5	38.0	07317	1.5	1.5	4A14	2.93	.05	1.82	4.29	26.00	1.10	1	3	4					
38.0	39.5	07318	1.5	1.5	4A14	2.95	.05	3.99	2.70	55.99	.89		2	3					
39.5	41.7	07319	2.2	2.2	4A1	2.95	.08	1.58	.69	25.00	1.10	1	5	7					
41.7	43.9	07320	2.2	2.0	4A1	2.85	.05	.23	.44	5.00	.81		3	4					
43.9	46.0	07321	2.1	1.9	4A1	2.93	.02	1.04	.59	14.99	.68		3	4					
46.0	47.7	07322	1.7	1.7	4L04	2.98	.04	4.79	.99	53.00	.95	1	2	3					
47.7	49.4	07323	1.7	1.7	4L04	2.87	.02	1.26	1.33	19.00	.55			1					
49.4	51.1	07324	1.7	1.7	4L04	2.91	.02	1.17	1.90	21.00	.62	1		1					
51.1	52.7	07325	1.6	1.4	4L04	2.89	.02	.59	1.40	9.00	.40	2		2					
52.7	54.8	07326	2.1	2.1	4L14	3.04	.04	2.39	.68	28.99	.81	1	3	5					
54.8	56.8	07327	2.0	2.0	4L14	3.04	.04	1.17	.90	18.00	.75	1	4	5					
56.8	59.1	07328	2.3	2.2	4A1	2.91	.05	1.61	2.60	29.99	.95		3	4					
59.1	61.0	07329	1.9	1.9	4L14	2.95	.05	1.10	1.14	22.00	.89	2	3	5					
61.0	63.0	07330	2.0	2.0	4L1	2.85	.02	.48	.56	7.99	6.99	.40	2	1	4				
76.3	77.0	07331	.7	.7	4L14	2.97	.04	.41	.95	10.00	.20	2	14	16					
77.0	78.9	07332	1.9	1.9	4A1	3.14	.05	1.54	2.70	28.99	.95		10	10					
78.9	80.3	07333	1.4	1.4	4A3	3.54	.13	.07	.16	27.99	1.16	1	21	22					
80.3	81.7	07334	1.4	1.4	4A3	3.14	.05	.80	.68	19.00	4.09		11	12					
81.7	83.5	07335	1.8	1.8	4A14	3.02	.05	2.70	4.29	43.00	.81	1	4	5					
83.5	84.6	07336	1.1	1.1	4A13	3.04	.05	.31	.48	12.00	.75		9	10					
107.7	108.5	07337	.8	.8	4E1	3.31	.02	4.70	9.00	63.99	1.16	1	18	19					
108.5	110.2	07338	1.7	1.7	4A3	3.16	.07	.67	.96	17.00	.75		13	14					
110.2	112.0	07339	1.8	1.8	4A3	3.20	.07	1.02	1.86	21.00	.68		12	12					
112.7	114.0	07340	1.3	.8	4A1	2.79	.05	1.03	2.39	19.00	.40	1	9	11					
114.0	115.8	07341	1.8	1.1	4A1	2.98	.08	.93	1.54	15.99	.55	1	5	6					
115.8	117.6	07342	1.8	1.4	4A1	2.91	.05	1.25	2.16	17.00	14.99	.40	1	3	5				

WEIGHTED AVERAGE

2.6	3.9	1.3	1.1			.02	.88	1.71	15.99										
6.2	7.1	.9	.9			.02	2.39	2.89	37.00										
31.6	63.0	31.4	30.5		2.94	.04	1.55	1.38	22.68	.44	.81	1	3	4					
76.3	84.6	8.3	8.3		3.15	.06	1.16	1.83	26.32		1.40		11	12					
107.7	112.0	4.3	4.3		3.21	.06	1.56	2.83	27.41		.80		13	14					
112.7	117.6	4.9	3.3		2.90	.06	1.07	1.99	17.16	5.50	.46	1	6	7					

21NOV83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 25

DDH: FAGU138 UTM-N: 905,012.8 UTM-E: 592,237.3 UTM-ELEV: 1,123.3 TOTAL DEPTH: 122.2 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	138.900	47.300
45.700	142.200	43.000
91.400	149.000	42.000
121.900	152.000	44.000

21NOV83 GRUM

DOWN-HOLE LITHOLOGY (DHO20)

PAGE: 26

DDH: FAGU138 UTM-N: 905,012.8 UTM-E: 592,237.3 UTM-ELEV: 1,123.3 TOTAL DEPTH: 122.2 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.9	0001	4L14	(5D*4)	0.5-	1
6.2	0002	5C*	(4L14) (5D6)	0.5-	1
7.1	0003	4L14		0.5-	1
8.5	0004	10Q0	(4L0) BXA	0.5-	1
8.8	0005	5D6		0.5-	1
14.5	0006	4L3	(10Q0) 75:25	0.5-	1
21.2	0007	3G0		0.5-	1
23.4	0008	3D8	BIO	0.5-	1
24.4	0009	3G4	(3D8 83)	0.5-	1
30.8	0010	3G0	(3D8) MINOR	0.5-	1
31.6	0011	10Q0	(3D8) BXA	0.5-	1
36.5	0012	4A1	PHYLL + SER [4C0 85]?	0.5-	1
39.5	0013	4A14	PHYLL + SER [4D0 85]?	0.5-	1
46.0	0014	4A1	84 PHYLL + SER [4C0 85]?	0.5-	1
52.7	0015	4L0	81 84 (4A184 PHYLL)	0.5-	1
56.8	0016	4L1	84	0.5-	1
59.1	0017	4A1	84 PHYLL + SER [4C0 85]?	0.5-	1
63.0	0018	4L1	84 MINOR (10Q0) 85:15	0.5-	1
76.3	0019	3G0		0.5-	1
77.0	0020	4L1\$	84	0.5-	1
78.9	0021	4A1	83 84 PHYLL	0.5-	1
81.7	0022	4A3	(4C0) (4E1)	0.5-	1
83.5	0023	4A14	PHYLLITIC [4D5]?	0.5-	1
84.6	0024	4A13	BXA	0.5-	1
88.0	0025	3G0	GOUGE	0.5-	1
83.5	0026	3G0		0.5-	1
88.7	0027	5C3\$		0.5-	1
89.3	0028	4L0	81	0.5-	1
89.8	0029	3G4		0.5-	1
98.7	0030	3G40	GOUGE	0.5-	1
106.9	0031	3G0	89	0.5-	1
107.7	0032	3G40	GOUGE	0.5-	1
108.5	0033	4E1	(4A4)	0.5-	1
112.0	0034	4A3		0.5-	1
112.7	0035	5C4\$	3 (4L1)	0.5-	1
114.0	0036	4A1	84 83	0.5-	1
117.6	0037	4A1	(4L1) (5C84) GOUGE	0.5-	1
119.2	0038	4L0		0.5-	1
122.2	0039	3G0		0.5-	1

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DOWN-HOLE STRUCTURE (DH020)

PAGE: 27

DDH: FAGU138 UTM-N: 905,012.8 UTM-E: 592,237.3 UTM-ELEV: 1,123.3 TOTAL DEPTH: 122.2 SECTION: W 76
 RFE: S2 RFE DIR: 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	COE	DHDC	SDC	PROCESS
FAGU138	0.0	2.7		P		0	0	0	0	0	27	230	0		1	1	1	1
FAGU138	0.0	8.5		P		0	0	0	0	0	1	230	0		1	1	1	1
FAGU138	0.0	14.5		P		0	0	0	0	0	21	230	0		1	1	1	1
FAGU138	0.0	20.6		P		0	0	0	0	0	39	230	0		1	1	1	1
FAGU138	0.0	22.2	CS2	S		0	0	0	0	0	47	230	0		1	0	0	0
FAGU138	0.0	26.5	CS2	S		0	0	0	0	0	38	230	0		1	1	1	1
FAGU138	0.0	30.8				0	0	0	0	0	27	230	0		1	0	0	0
FAGU138	0.0	32.0				0	0	0	0	0	23	230	0		1	1	1	1
FAGU138	0.0	33.8	CS2	S		0	0	0	0	0	33	230	0		1	0	0	0
FAGU138	0.0	38.5	CS2	Z		0	0	0	0	0	24	230	0		1	1	1	1
FAGU138	0.0	44.5	CS2	S		0	0	0	0	0	45	230	0		1	1	1	1
FAGU138	0.0	50.5	CS2	S		0	0	0	0	0	53	230	0		1	1	1	1
FAGU138	0.0	56.6		P		0	0	0	0	0	60	230	0		1	1	1	1
FAGU138	0.0	62.5		P		0	0	0	0	0	58	230	0		1	1	1	1
FAGU138	0.0	65.0	CS2	S		0	0	0	0	0	59	230	0		1	0	0	0
FAGU138	0.0	67.0				0	0	0	0	0	62	230	0		1	0	0	0
FAGU138	0.0	69.5	CS2	Z		0	0	78	0	0	63	230	0		1	1	1	1
FAGU138	0.0	76.0		P		0	0	0	0	0	68	230	0		1	1	1	1
FAGU138	0.0	81.7	CS2	S		0	0	0	0	0	59	230	0		1	1	1	1
FAGU138	0.0	86.8				0	0	0	0	0	30	230	0		1	1	1	1
FAGU138	0.0	89.5				0	0	0	0	0	31	230	0		1	0	0	0
FAGU138	0.0	99.0		P		0	0	0	0	0	24	230	0		1	1	1	1
FAGU138	0.0	105.0		P		0	0	0	0	0	31	230	0		1	1	1	1
FAGU138	0.0	106.9				0	0	0	0	0	0	230	0		1	0	0	0
FAGU138	0.0	111.0		P		0	0	0	0	0	47	230	0		1	1	1	1
FAGU138	0.0	117.8		P		0	0	0	0	0	66	230	0		1	1	1	1
FAGU138	0.0	122.2		P		0	0	0	0	0	53	230	0		1	1	1	1

21NOV83 GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 28

DDH: FAGU138 UTM-N: 905,012.8 UTM-E: 592,237.3 UTM-ELEV: 1,123.3 TOTAL DEPTH: 122.2 SECTION: W 76
 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	
FAGU138	0.0	2.9	R				0	0	0	0	1
FAGU138	3.0	3.2	G				0	0	0	0	1
FAGU138	7.1	8.5	QX				0	0	0	0	1
FAGU138	8.8	14.5	Q1G				0	0	0	0	1
FAGU138	21.2	30.8	? ?				0	0	0	0	1
FAGU138	30.8	31.6	QX				0	0	0	0	1
FAGU138	66.9	67.3	G				0	0	27	180	1
FAGU138	67.3	67.8	Q				0	0	0	0	1
FAGU138	67.8	67.9	G				0	0	0	0	1
FAGU138	67.9	76.3	1G				0	0	21	270	1
FAGU138	83.5	84.6	XQ				0	0	0	0	1
FAGU138	84.6	88.0	G				0	0	5	0	1
FAGU138	89.8	98.7	GP	1			0	0	0	0	1
FAGU138	104.0	105.4	X				0	0	0	0	1
FAGU138	106.9	107.7	GP				21	40	0	0	1
FAGU138	114.0	117.6	GP				0	0	0	0	1
FAGU138	117.6	119.2	1RG				0	0	0	0	1
FAGU138	120.7	121.4	G				0	0	99	999	1

21NOV83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 29

DDH: FAGU138 UTM-N: 905,012.8 UTM-E: 592,237.3 UTM-ELEV: 1,123.3 TOTAL DEPTH: 122.2 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU138	1	2
FAGU138	2	2
FAGU138	3	2
FAGU138	4	1

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 12
Date: 20 July / 81

Hole Number: FAGU-138 (76-U-138)

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: SECTION 76 W

Claim: _____

UTM
Terr. Plane
Co-ords.: 6 905 012.8 m N

592 237.3 m E

Grid
Co-ords: 3 N + 3.6 m NE

76 + 00 W

Elevation: 1123.3 m

Total Depth: 122.2 m

Purpose: DEFINITION - GRUM DEPOSIT

Reason hole Terminated: THROUGH SULPHIDES

Logged by: GG

Date(s) Logged: 19-20 July / 81

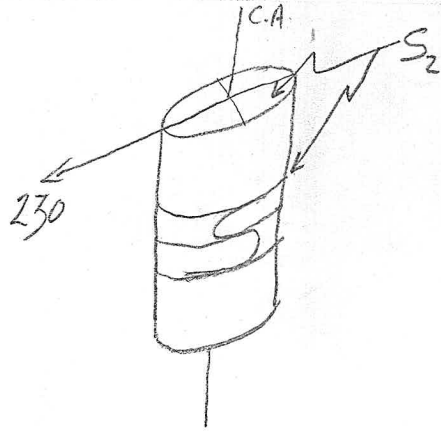
Drilling Contractor: CAMERON McCUTCHEON

Size	CORE From	To	Collar Cased and Capped: _____
<u>BQ</u>	<u>0.0</u>	<u>122.2</u>	

Hole Cemented: _____

Steel down hole: _____

Started: 29 July / 76 Completed: 6 Aug / 76



All symmetry determinations looking

NW with S₂ dipping

SW with dip azimuth 230.

*Conversion of
KA survey grid co-ords*

DDH F.A.G.U.13.8
2 8

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 19 July 81 Logged By: GG

UNITS = METRES

Code	From				To				Recov.	No.	Unit	Description	F/W CNT	
	10	14	16	20	22	24	26	28					30	34
L		00		29						001	4L14	+(5D*4 - 5% FUCHSITIC IN 2cm BANDS - ϕ NOT 5C!)		11S ₂
L		29		62						2	5C4	± * ANIK & DOLO ZONES; + (4L14); ^{3.0-3.2 = 5C* GOUGE - 15% FUCHSITIC} _{3.3-3.6m}		11S ₂
L		62		71						3	4L14		IRREG.	
L		71		85						4	10Q0	+(ALO) BRECCIA - OPEN	IRREG.	
L		85		88						5	5D16	DARK GREEN, MASS.;		11S ₂
L		88		145						6	A1L3	+(10Q0 - 25% 11S ₂ & IRREG) +(minor GOUGES ASS'D WITH 10Q0)	3cm QZ VN. 11S ₂	11S ₂
L		145		212						7	3G2	SERICITIC, FINE GRAINED;		11S ₂
L		212		234						8	3D8	QZ-BIOTITE-SERICITE-CHLORITE PHYLLITE; +(3D6 @ 20cm H/W → CALC)		11S ₂
L		234		244						9	3G42	+(3D8) ± 3 WAS UNIT 7)	2cm QZ VN	11S ₂
L		244		308						10	3G12	FINE GRAINED, SERICITIC; +(minor 3D8 AS UNIT 7) +0.5% DK RED SPHAL ASS'D WITH QZ VNS @ 1.5m F/W;	~	11S ₂
L		308		316						11	10Q0	+(3D8) OPEN BRECCIA + DK RED SPHAL @ 5cm F/W;		11S ₂
L		316		365						12	A1A1	PHYL, C & SERICITE PARTINGS +(3G12 - BECOMING HIGHLY SILICIFIED TO THE POINT WHERE IT FADES TO WHITE QZ)		11S ₂
L		365		395						13	A1A1A	PHYL + SERICITE ± C PARTINGS		11S ₂
L		395		460						14	A1A1	PHYL + SER PARTINGS +(4A14)		11S ₂
L		460		527						15	4L0	± 1 ± 4 (4A1 ± 4 - PHYL PARTINGS) + → REALLY A 4A1 WITH SERICITIC PARTINGS;		11S ₂
L		527		568						16	A1L1	± 4 - BLEACHED V. LIGHT GREEN-WHITE RELATIVE TO UNIT 14;		11S ₂

DDH FAGU 138
 2 8

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 19 July/81 Logged By: GG

UNITS = METRES

Code	From		To		Recov.		No.		Unit	Description	F/W CNT		
	10	14	16	20	22	24	26	28			30	34	35
L	568	591							17	4A1	±4 - PHYL + SERICITIC PARTINGS;	GRADES 10 cm	11S ₂
L	591	630							18	4L1	±(minor 4) + (10QO @ 61.0-61.7m) + (minor 4A1 - PHYL PARTINGS)		11S ₂
L	630	763							19	3G2	FINE GRAINED, SERICITIC; 66.9-67.3 - <u>GOUGE</u> 67.3-67.8 - 10QO 67.8-67.9 - GOUGE + NUMEROUS MINOR (< 10cm) GOUGES THROUGH REMAINDER OF UNIT - GENERALLY 11S ₂ → INDICATIVE OF HIGH STRESS FIELDS;		11S ₂
L	763	770							20	4L1*	- DOLO, ±4 [5C - PRIMITIVES] 8cm GOUGE 11S ₂ + minor GOUGE WITHIN UNIT;		11S ₂
L	770	789							21	4A1	±3 ±4 - PHYL + C PARTINGS; + (3G12 - FINELY INTERBANDS)		11S ₂
L	789	817							22	4A3	C + PHYL PARTINGS + (3G12 - FINELY INTERBANDS) + (4C0) + (4E1); 10cm ZONE OF MINOR SLIPPAGE ALONG PLANES ~ C-A @ 10cm F/W;		11S ₂
L	817	835							23	1A1A	- PHYL + C PARTINGS + (30% 3G12 FINELY INTERBANDS)		11S ₂
L	835	846							24	4A13	+ (3G12 FINELY INTERBANDS) → 70% OF UNIT = QZ HERCOT CLOSED BRECCIA (ASS'D WITH F/W GOUGE	GOUGE	
L	846	880							25	3G2	F.G. + (4L1) UNIT = 50% GOUGE + 3% QZ VNS	RUBBLE	
L	880	885							26	3G2	F.G. + SERICITIC;	10 cm QZ VN	11S ₂
L	885	887							27	5C3*	DOLO, 1% FUCH	2 cm QZ VN BX	11S ₂
L	887	893							28	4L0	±1		11S ₂
L	893	898							29	3G42	F.G.	GOUGE	
L	898	987	195						30	3G42	F.G. - UNIT = 90% <u>GOUGE</u> + MISSING CORE;	GOUGE	
L	987	1069							31	3G2	±9 ± SERICITIC; FINE GRAINED; SOME MINOR GOUGES (< 10cm) TOWARD HW; 104.0-105.4 ± 20% QZ - CLAY CEMENTED 3G2 CLOSED BRECCIA;	GOUGE	

DDH F.A.G.U.13.8
2 8

Cyprus Anvil Mining Corp.

Page 5 of 12

Lithologic Log

Date: 19 July 81 Logged By: GG

UNITS = METRES;

Code	From				To				Recov.				No.	Unit	Description	Flow Chart
	10	14	16	20	22	24	26	28	30	34	35	Type				
L	1.069		1.077										32	3G12	UNIT = <u>GOUGE</u> + MISSING CORE	
L	1.077		1.085										33	4A14	+ (4A4)	
															→ 451 AFFINITIES; TOWARD E/W;	11S ₂
L	1.085		1.120										34	4A3	C-PARTINGS.	11S ₂
L	1.120		1.127										35	5C4*	1/3 - DOLO - 10% FUCHSITE; + (4L1) - [5F4*3]	COURSE RUBBLE (10cm)
L	1.127		1.140										36	4A1	± 43-PHYL + C PARTINGS; + (3G12 - FINELY IN ZONE BANDS)	11S ₂
L	1.140		1.176										37	4A1	+ (4L1 + 5C*4 - ANK @ 30cm H/W) 3 UNIT = 80% <u>GOUGE</u> + MISSING CORE;	
L	1.176		1.192										38	4L0	5% OF UNIT = SCATTERED RUBBLE + MINOR GOUGE;	COURSE RUBBLE
L	1.192		1.222										39	3G2	-F.6 ± SERPENTINE; 120.7 - 121.4 = DOMINANTLY GOUGE 11S ₂	
															END OF HOLE @ 122.2m.	

DDH FAGU.138
2 8

Cyprus Anvil Mining Corp.

Page 6 of 12

Structural Log

Date: 19 July 81 Logged By: GG

UNITS = METRES.

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14 16	20	22 24 26			28	32 34	38	40	44		
S				27		R					27	230	S-BANDS.
				30									GOUGE CNTS?
S				185		R					010		? M? - ONLY ONE FOLIATION - SEEN
S				145		R					21		S? - ONE S-SEEN.
S				1206		R					39		
S				1222		S					47		BIG S QUARTZ 40cm.
S	1234			1265		S			04	100	38		S+M
S				1308							27		1000 // S ₂
S				1320							23		
S				1338		S					33		2 S-folds on core.
S				1385		Z					24		2 z-folds
S				1445		S					45		NUMEROUS GOOD S-folds.
S				1505		S					53		
S				1566		R					60		
S				1625		R					58		
S				1650		S					59		
S				1670							62		GOUGE H/W CNT? F/W CNT @ 27/180°
S				1695		Z			78	100	63		MOST LOCAL GOUGE CNTS? BUT @ 72.5 H/W CNT = 2/270
S				1760		R					68		LOCAL GOUGES // S ₂
S				1817		S					59		2 S's seen.
S				1868							30		GOUGE CNT @ 05/00
S				1895							31		
S				1946									GOUGE CNTS?
S				1990		R					24		5cm GOUGE @ 27/270 - PASS. INDICATIVE OF THE ABOVE MAJOR GOUGE?
S				1050		R					31		TWO QZ-CLAY (KAOL) BRUCCIAS = ONE IS // S ₂ , THE OTHER @ H/W (76/00) & F/W (37/00)
S				11069									GOUGE H/W CNT @ 21/040 F/W CNT @ ?
S				11110		R					47		C-STRIKES + S-BANDS
S				11142									GOUGE CNTS?

ASSAY LOG (SAMPLER'S COPY) Date 20 July 81

UNITS =
 METRES

SPLIT

SPLIT

SPLIT

CODE	FROM		TO		SAMPLE	INTR.	REC (m)		UNIT	DESCRIPTION				
	10	14	16	20			22	26			28	30	32	34
		00		26				26		4L14	NOT SAMPLED - POOR RECOVERY			
P		26		39	73112			13		5D6	+(4L14)			
P		62		71	73113			09		4L14				
		30	8	31	6			08		110Q01	NOT SAMPLED SEE K.A LOGS - LOW GRADE			
P		31	6	33	3	73114		17		4A1				
P		32	3	34	9	73115		16		4A11				
P		34	9	36	5	73116		16		4A11				
P		36	5	38	0	73117		15		4A114				
P		38	0	39	5	73118		15		4A114				
P		39	5	41	7	73119		22		4A11	+(4A14)			
P		41	7	43	9	7320		22		4A11	+(4A14) ? NOT PREVIOUSLY			
P		43	9	46	0	7321		21		4A11	+(4A14) SAMPLED BY K.A.			
P		46	0	47	7	7322		17		4L0	±1±4 + (4A1±4)			
P		47	7	49	4	7323		17		4L0	±1±4 + (4A1±4)			
P		49	4	51	1	7324		17		4L0	±1±4 + (4A1±4)			
P		51	1	52	7	7325		16		4L0	±1±4 + (4A1±4)			
P		52	7	54	8	7326		21		4L11	±4			
P		54	8	56	8	7327		20		4L11	±4 → MOST OF THIS SECTION NOT PREVIOUSLY SAMPLED BY K.A.			
P		56	8	59	1	7328		23		4A11	±4			
P		59	1	61	0	7329		19		4L11	±4 + (4A1)			
P		61	0	63	0	7330		20		4L11	±4 + (4A1)			
P		76	3	77	0	7331		07		4L11*	±4 NOT PREVIOUSLY SAMPLED BY K.A.			
P		77	0	78	9	7332		19		4A11	±3±4			
P		78	9	80	3	7333		14		4A3	+(4C0) + (4E1)			
P		80	3	81	7	7334		14		4A3	+(4C0) + (4E1)			
P		81	7	83	5	7335		18		4A114				
P		83	5	84	6	7336		11		4A13	BRECCIA			
P		107	7	108	5	7337		08		4E1*	+(4A4)			
P		108	5	110	2	7338		17		4A3				
P		110	2	112	0	7339		18		4A3				
		112	0	112	7			07		5C4*1/3	NOT SAMPLED - LOW GRADE SEE K.A LOGS			
P		127		140		7340		13		4A1	±4			

Meters

FAULT

DDH FAGU 138
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: 4 Nov/83 Logged By: _____

Code	From				To				Feature	S ₀ Dip Direct.	S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	
F	100			129	R										coarse rubble
F	130			132	G										5C* gouge
F	171			185	QX										open bxa
F	188			1145	Q11G										25% 10Q0 w/ minor gouges
F	1308			1316	QX										open bxa
F	1212			1308	? ?										calc-silicate — possible hornfelsed rock — possible fault zone
F	1669			1673	G							217	11810		gouge
F	1673			1678	Q										10Q0
F	1678			1679	G										gouge
F	1679			1763	11G					211	21710				numerous minor (<10cm) gouges through unit
F	1835			1846	XQ										90% of unit qtz-healed closed bxa
F	1846			1880	G					015	0010				50% gouge + 3% qtz using
F	1898			1987	GPI										90% gouge 1.5 m recovered 17% recovery
F	11040			11054	X										70% qtz-clay cemented 360 closed bxa
F	11069			11077	GPI				21	01410					gouge + missing core
F	11140			11176	GPI										unit 80% gouge + missing core
F	11176			11192	11RG										5% of unit scattered rubble + minor gouge
F	11207			11214	G					919	91919				dominantly gouge // S ₂

GEOTECHNICAL LOG

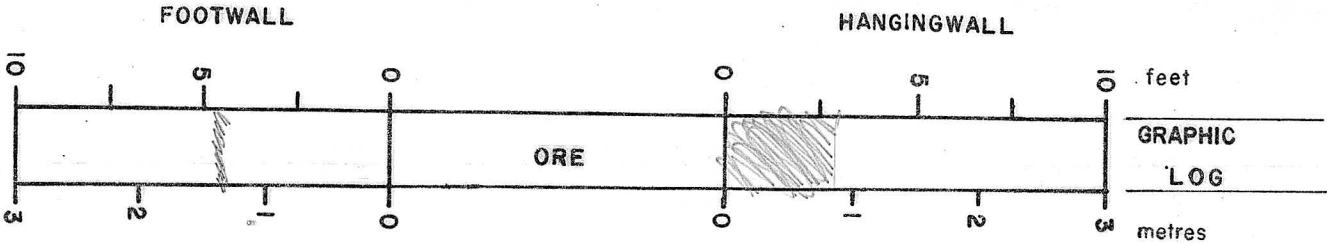
GRAPHIC LOG		INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
		39.5	GENERALLY COMPLETELY	30% ↓ GUESS SPLIT CORE	7cm ↓ ON CORE	4A1	THIS IS A LOW GRADE (<4% Pb+Zn) SULPHIDE SECTION.
		42.5	GENERALLY COMPLETELY	25% ↓ GUESS SPLIT CORE	7cm ↓ ON CORE	4A1	THIS IS A LOW GRADE (<4% Pb+Zn) SULPHIDE SECTION.

GEOTECHNICAL LOG

GRAPHIC LOG		INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
		77.5	GENERALLY COMPLETE	20% ↓ GUESS SPLIT	3cm ↓ ON CORE	AA3 + (4C0) + (4E1)	THIS IS A LOW GRADE (4% PbZn) SULPHIDE SECTION
		80.5	ORE GRADE @ 81.7 - 83.5m BUT EXTENDED & AUGMENTED FOR 3m MINING WIDTH.	SIZE OF CORE BA			
		83.5	GENERALLY COMPLETE	2%	3cm	4A13- QZ INTER- BEDDING BRECCIA	
		86.5	GOUGE + WELL PARTED, SOFT CORE		4.05 cm	3G2 + GOUGE	

GEOTECHNICAL LOG

INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
104.7	GENERALLY COMPACT	20%	5cm	3G2	
107.7	Gouge			3G4Z	
110.7	ORE GRADE AT 107.7-108.5 BUT EXTENDED TO 110.7 FOR MINING WIDTH	SIZE OF CORE BA			
113.7	GENERALLY COMPACT	2% ↓ GUESS ON	2cm ↓ made split core	4A3 5C4*3 4A1+4	THIS IS A LOW GRADE SURFIDE SECTION (<4% Zn)



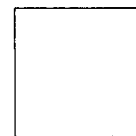
DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D.D.H. No 76-U-138 PAGE 1

PROPERTY GRUM JOINT VENTURE
 LATITUDE 10,808.025 76W STARTED JULY 29, 1976
 DEPARTURE 7,544.558 3N+3.6mNE COMPLETED AUG. 6, 1976
 ELEVATION 1,133.906 PROPOSED DEPTH _____
 ULTIMATE DEPTH 122.2m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	47° 15'	-48° 54'
45.7	042	-52°
91.4	041	-59°
121.9	042	-62°



CLAIM No _____

TOTAL CORE RECOVERY: 79.4%

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x			
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
0	14.0	MINERALIZED CHLORITIC BLEACHED PHYLLITE (P-Sbc). 10 2	1.5	4079	0	3.9	3.9	1.07	1.43	18.17						
		Soft, broken core. Mineralization in form of widely spaced laminae. Rx is white with green stripes and spots. 10 3	1.6		3.9	6.2	2.3									
		Prominent quartz stringers. 4.7: Fold nose. Also at 6.5; 8.5. 14.0: Change to Sericite Phyllite (S).	1.0	4080	6.2	7.5	1.3	2.28	3.25	36.34						
			6.0		7.5	14.0	6.5									
14.0	30.7	SERICITE PHYLLITE (S). Competent. Foliation = 35°; F = 0 -5°. Some spots of chlorite in groundmass. Sporadic sulfide clots. 21.0; 22.0; 23.5; 29.5: Fold noses. 30.7: Gradual increase in mineralization. Rx becoming mineralized quartz-sericite (P).	15.5		14.0	30.7	16.7									
				W.Av.	30.7	36.6	5.9	2.27	PbZn							
30.7	53.6	QUARTZ-SERICITE-SULFIDE (P). Competent. Foliation = 20-25°; F = inconsistent ranging from 10-30°. Sulfides following both foliation. 10 2 10 1	3.1	3988	30.7	33.8	3.1	1.25	1.08	14.06				2.33	PbZn	
			2.5	3989	33.8	36.6	2.8	1.03	1.18	16.11				2.21	PbZn	
			3.1	3990	36.6	39.8	3.2	2.80	2.45	37.37						

DDH: FAGU138 -- 42 DEGREE PROFILE

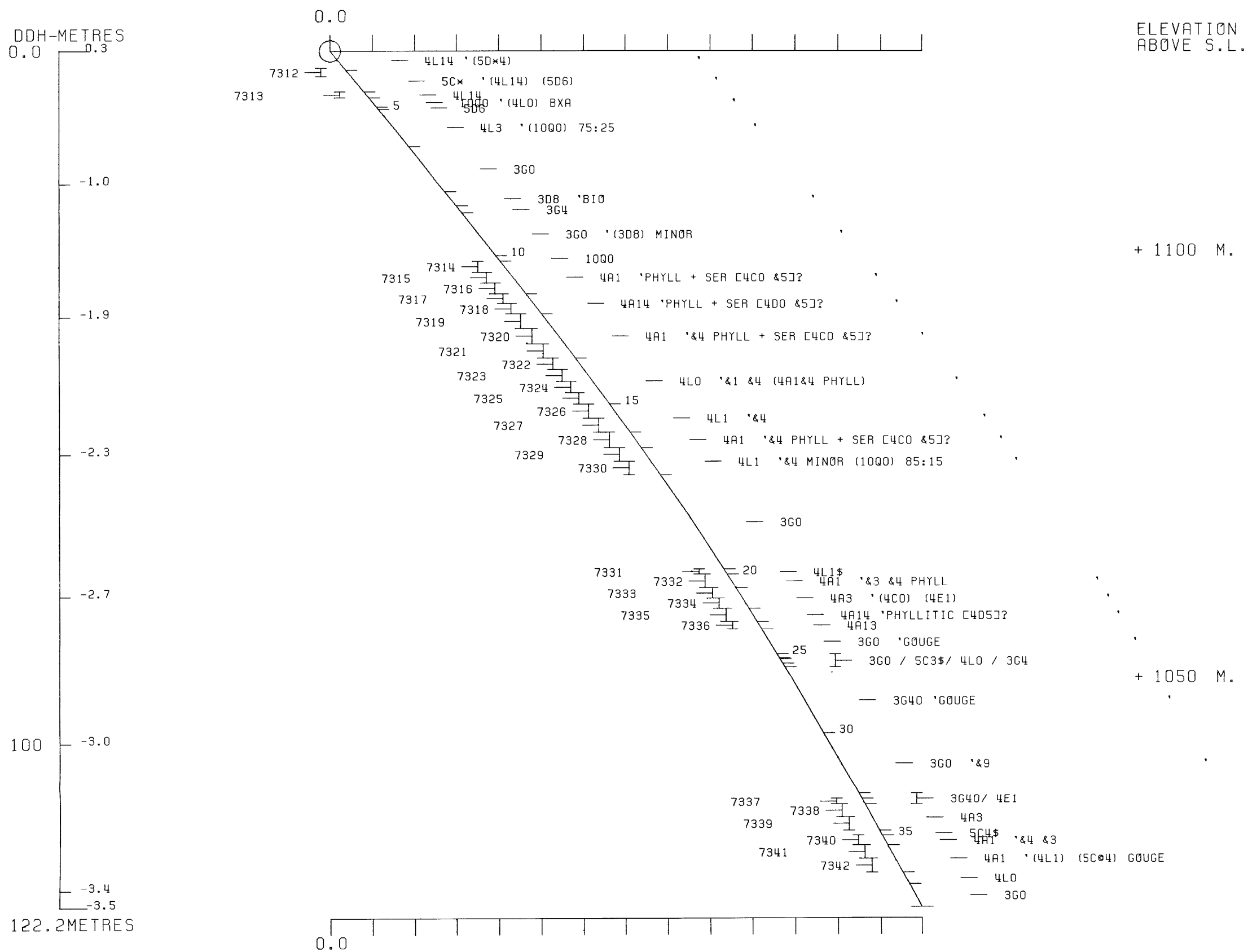
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1123 592237E ; 905013N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 468.9 Z = 1123.4

SECTION NAME: 76W

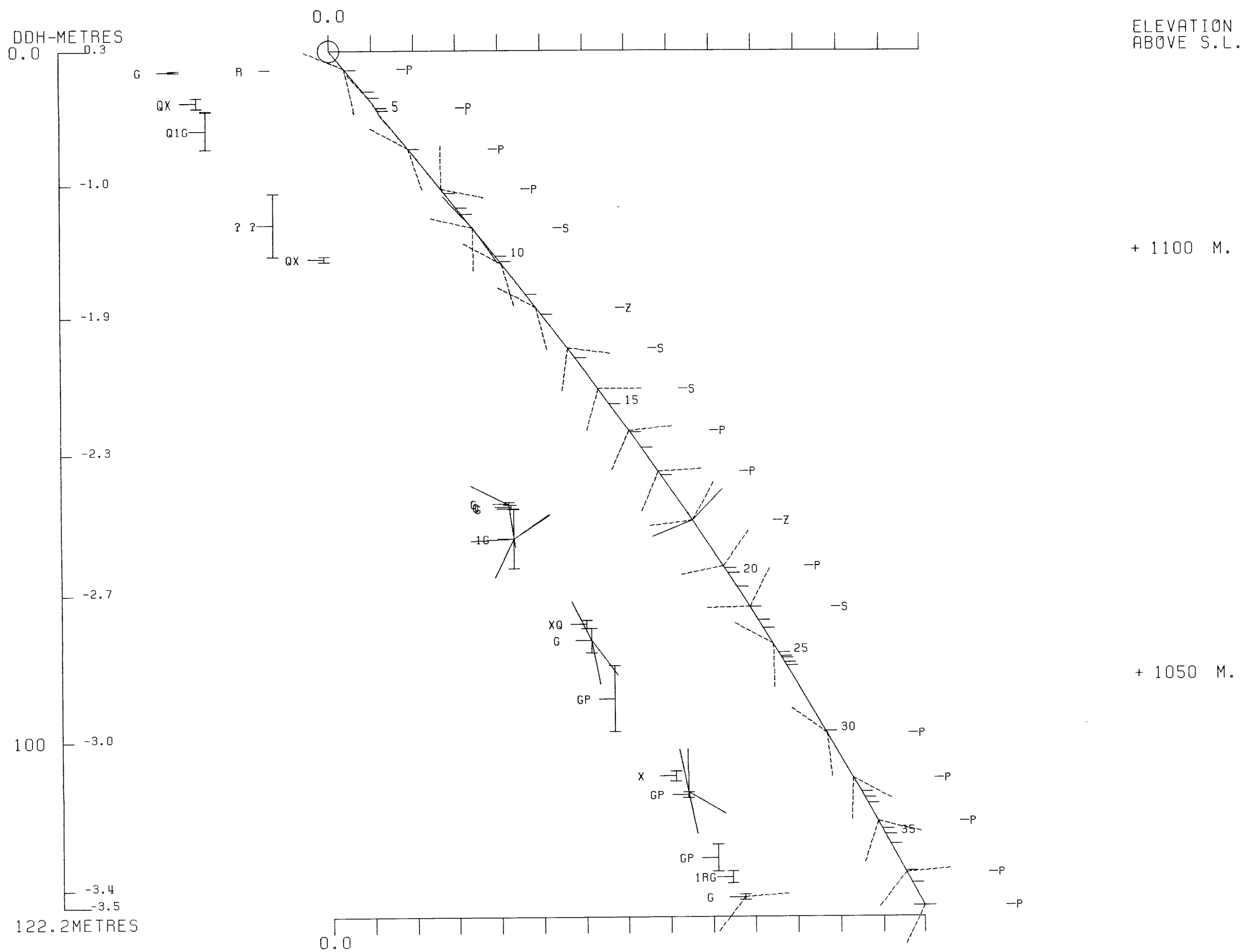


CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 8 NOV 1984 11:16 AM



DDH: FAGU138 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)

ELEV:1123 592237E ; 905013N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 468.9 Z = 1123.4
 SECTION NAME: 76W



CYPRUS ANVIL MINING CORPORATION
 PROGRAM DH161 8 NOV 1984 11:14 AM



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 CRE-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

JJM: 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

DOB: FADU198 UTM-N: 904912.1 UTM-E: 592165.0 UTM-ELEV: 1162.2 TOTAL DEPTH: 153.9 SECTION: W 75
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.9	OC01	#		0.5-	1
6.1	OCG2	3G\$	(10Q\$)	0.5-	1
10.8	OC03	3GC	(10Q\$) 90:10	0.5-	1
12.6	OC04	3G*	89 (10Q*) MINOR	0.5-	1
19.3	OC05	3GC	8* (5D4*)(10Q*)93:07:TRACE	0.5-	1
24.2	OC06	5B6	8\$ (5D0)(3GC)(10Q\$)80:10:TR	0.5-	1
24.8	OC07	3G9	8\$	0.5-	1
26.4	OC08	4L24	87 ->(3G4)(10Q*) 80:20:TRACE	0.5-	1
27.4	OC09	3G4	(10Q* PO) 50:50 BXA	0.5-	1
30.0	OC10	3G4	-> (4L17 89) (10Q\$) MINOR	0.5-	1
35.0	OC11	3GC	898\$(10Q\$)(5E\$89)(5D\$)95:2:2:1	0.5-	1
40.4	OC12	4L2	87(10Q0)(4H0)(3G4 81)85:5:5:5	0.5-	1
42.7	OC13	4L27	(3G4 81) (3G9) 70:15:15	0.5-	1
45.3	OC14	4EC	886\$(5D\$)(5D4\$)(4D0)4FD:5C98:2	0.5-	1
45.7	OC15	4GC	8\$	0.5-	1
46.1	OC16	4E#		0.5-	1
49.1	OC17	4EC	87 84 (5C4\$)(4G4) 94:03:03	0.5-	1
49.7	OC18	5BC	8\$	0.5-	1
51.2	OC19	5DC	(10Q#)	0.5-	1
54.3	OC20	5BC	8\$ 82 (10Q#)	0.5-	1
61.4	OC21	5B80	(10Q\$) 99:01	0.5-	1
63.5	OC22	5B6\$	(10Q0 8\$) 98:02	0.5-	1
63.9	OC23	5D\$	(10Q\$) 80:20	0.5-	1
67.7	OC24	5E6	8\$ [3G0 8\$] (10Q\$) 98:02	0.5-	1
70.4	OC25	5B6	8\$ [3G08\$] (5D68\$)(10Q\$)60:35:5	0.5-	1
83.7	OC26	3GC	89 8\$ MINOR (10Q0 8\$) 95:05	0.5-	1
84.8	OC27	3G\$	89	0.5-	1
88.9	OC28	3G\$9	6 -> 5A\$19	0.5-	1
90.5	OC29	5C*	89 (4C0) (10Q*) 95:02:03	0.5-	1
95.3	OC30	4E46	8 POROUS-MINOR (4G4) 70:30	0.5-	1
95.7	OC31	4G4	8#	0.5-	1
96.2	OC32	4E4		0.5-	1
97.2	OC33	3GC	89 (10Q\$) 85:15	0.5-	1
98.6	OC34	4L2	84 86 (10Q0) 95:05	0.5-	1
99.6	OC35	5DC	8\$ (10Q#) 80:20	0.5-	1
103.3	OC36	5B26	(5B20)(5D0)(5C\$)(5D4\$)(10Q\$)	0.5-	1
113.4	OC37	3GC	89 8\$ (10Q0) TRACE	0.5-	1
118.2	OC38	5B6*	80(5AC*)LCL(5D0)(10Q#)85:15:TR	0.5-	1
120.3	OC39	5DC	BIO (10Q*)	0.5-	1
120.8	OC40	10Q#		0.5-	1
125.6	OC41	5B20	(10Q#) MINOR	0.5-	1
126.8	OC42	5DC	(5B80) 95:05	0.5-	1
131.1	OC43	5E08	(5D0) (10Q#) BOTH MINOR	0.5-	1
133.6	OC44	5E\$	80 (5D\$) 95:05	0.5-	1
134.8	OC45	4A10	(4E0) 85:15	0.5-	1
135.5	OC46	4E4	81	0.5-	1
141.8	OC47	4A1	83	0.5-	1
143.8	OC48	5B26	\$	0.5-	1
147.2	OC49	4A10		0.5-	1
147.5	OC50	4C\$	-> 4E\$	0.5-	1
150.1	OC51	4A10		0.5-	1

DOWN-HOLE LITHOLOGY

PAGE: 12

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
150.3	OC52	4E1\$	7	0.5-	1
150.9	OC53	4A10		0.5-	1
152.5	OC54	4D5	[3G916] -> 4A10 WEASEL ROCK	0.5-	1
153.9	OC55	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	SO	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGU198	0.0	7.5	CS2			0	0	0	C		70	230	C			1	1	1
FAGU198	0.0	14.0	PS2	P		0	0	0	C		70	230	C			1	1	1
FAGU198	0.0	18.3	PS2	P		0	0	0	C		80	230	C			1	1	1
FAGU198	0.0	25.5	PS2	P		0	0	0	C		80	230	C			1	1	1
FAGU198	0.0	30.0	PS2	P		0	0	0	C		60	230	C			1	1	1
FAGU198	0.0	36.5	PS2	P		0	0	0	C		70	230	C			1	1	1
FAGU198	0.0	39.5	CS2			0	0	0	C		60	230	C			1	1	1
FAGU198	0.0	42.2	PS2	P		0	0	0	C		60	230	C			1	1	1
FAGU198	0.0	45.5	PS2	P		0	0	0	C		85	230	C			1	1	1
FAGU198	0.0	49.5	PS2	P		0	0	0	C		45	230	C			1	1	1
FAGU198	0.0	54.5	CS2			0	0	0	C		40	230	C			1	1	1
FAGU198	0.0	59.7	PS2	P		0	0	0	C		40	230	C			1	1	1
FAGU198	0.0	64.5	PS2	P		0	0	0	C		50	230	C			1	1	1
FAGU198	0.0	68.0	PS2	P		0	0	0	C		65	230	C			1	1	1
FAGU198	0.0	73.5	CS2			0	0	0	C		50	230	C			1	1	1
FAGU198	0.0	76.4	CS2			0	0	0	C		70	230	C			1	1	1
FAGU198	0.0	82.0	CS2			0	0	0	C		60	230	C			1	1	1
FAGU198	0.0	88.0	CS2			0	0	0	C		85	230	C			1	1	1
FAGU198	0.0	93.5	PS2	P		0	0	0	C		70	230	C			1	1	1
FAGU198	0.0	99.0	PS2	P		0	0	0	C		80	230	C			1	1	1
FAGU198	0.0	106.0	CS2			0	0	0	C		65	230	C			1	1	1
FAGU198	0.0	109.0	CS2			0	0	0	C		70	230	C			1	1	1
FAGU198	0.0	116.2	PS2	P		0	0	0	C		65	230	C			1	1	1
FAGU198	0.0	122.0	CS2			0	0	0	C		70	230	C			1	1	1
FAGU198	0.0	127.5	CS2			0	0	0	C		70	230	C			1	1	1
FAGU198	0.0	137.5	CS2			0	0	0	C		80	230	C			1	1	1
FAGU198	0.0	142.0	PS2	P		0	0	0	C		70	230	C			1	1	1
FAGU198	0.0	147.0	PS2	P		0	0	0	C		80	230	C			1	1	1
FAGU198	0.0	152.5	CS2			0	0	0	C		80	230	C			1	1	1
FAGU198	0.0	153.6	CS2			0	0	0	C		80	230	C			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	C	C	0	0	1
FAGU198	7.2	7.3	1G				0	0	99	999	0	0	1
FAGU198	0.C	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	C	0	0	1
FAGU198	16.3	16.5	G				45	270	C	C	0	0	1
FAGU198	17.1	17.2	G				90	0	C	C	40	0	1
FAGU198	3.9	24.2	B				0	0	0	C	0	0	1
FAGU198	26.4	27.4	1XQ				0	0	C	C	0	0	1
FAGU198	49.1	49.7	1XQ				0	0	C	C	0	0	1
FAGU198	53.4	58.5	GF				0	0	C	C	0	0	1
FAGU198	57.9	58.8	8G				0	0	99	999	0	0	1
FAGU198	61.4	63.5	1XQ				0	0	0	C	0	0	1
FAGU198	71.4	71.5	1G				20	0	G	C	0	0	1
FAGU198	71.9	72.0	1G				99	999	C	C	99	999	1
FAGU198	72.6	72.8	1G				99	999	C	C	99	999	1
FAGU198	0.C	89.4	1G				0	0	99	999	0	0	1
FAGU198	95.7	96.2	1XQ				0	0	C	C	0	0	1
FAGU198	0.C	96.2	1G				0	0	C	C	0	0	1
FAGU198	96.2	97.2	B				0	0	0	C	0	0	1
FAGU198	102.3	102.5	1G				0	0	99	999	0	0	1
FAGU198	112.1	112.2	1G				50	180	C	C	0	0	1

LDH: FAGU198 UTM-N: 904,810.1 UTM-E: 592,165.0 UTM-ELEV: 1,162.0 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
A2 032°-57°

DDH FAGU.1.9.8
2 8

Cyprus Anvil Mining Corp.

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Lithologic Log

Date: 25 AUG 82 Logged By: DSJ-JGS

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	39		101	#	ML REC.
L	39	61		102	3G*	DOL (OQ* DOL) Bkn. 2m REC no G
L	61	108		103	3G0	(OQ* DOL) 90/10 Bkn. S ₂₁₁ G 72-73 min S ₂₁₁ 9.2 = 2cm, 10.6-10.7 S ₂₁₁ G
L	108	126		104	3G*	±9 (OQ*) minet Bkn REC/OK Top 1.2 m G. cont F ₁₀₈ →
L	126	193		105	3G0	±* (504*) 18.1-18.6 (OQ*) Bkn r G = 16.3-16.5 F ₁₀₅ 45/270 L.c. Bx 45 CAx, 17.1-17.2 4/c 90/cax. l.c. 40/1000
L	193	242		106	51061	(500) ±* DOL (3G0) (OQ*) calc + dol fron, 50=80, 10, 10% REC OK
L	242	248		107	3G9	±* DOL nr 9 = wk. REC OK.
L	248	264		108	4L24	±7 → (3G4) (OQ*) 80/20/TR. 3G4 = app. least margin →
L	264	274		109	3G4	(OQ* P ₀) 5% Bx. Ckls. REC/OK
L	274	300		110	3G4	→ 4L17 ±9. 3G4 base unit + bid. (OQ* DOL) minet. REC/OK
L	300	350		111	3G0	±9, * DOL, (OQ* DOL) (SE* ±9) (50* DOL) 36.95% / 2/2/1%
L	350	404		112	4L2	±7 (OQ0) (4H0) (3G4 ±1) 4L2 85% / 5% 3G4 / 5% 4H0, = S ₂₁₁ veins dnt ex. Typical beige tex from 3G* no carb. 4H0 35.6-35.9, 39.9, 40 → FOI REC/OK.
L	404	427		113	4L27	(3G4 ±1) (3G9) 70/15/15% 3G9 40.4-40.8 3G4 → 41.3 REC OK.
L	427	453		114	4E0	±8, * ⁹⁰ (5D* DOL) (5D4*) (4D0) REC/OK % sulph to meta volc 98/2% contact shp 4L above, may 5-10 sulf. 5cm beds
L	453	457		115	4G0	±* DOL Banded
L	457	461		116	4B*	calc, m-gr cryst calc. Rom rock./sil 3G? REC/OK
L	461	491		117	4E0	±7 (5C4* DOL) (4G4) well banded 4G4 48.7-48.8, 5C 48.1-48.2 REC/OK
L	491	497		118	5B0	±* DOL P ₅₂ fol gr CK1 Bx carb 5B. REC/OK.

NB 4G 4E
VERY LOW GRADE
← 4% Pb/cn

Lithologic Log

Date: 25 AUG

Logged By: _____

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	149	7	151	2					119	5D0	(OQ* calc) REC/OK Ps ₂ fol	
L	151	2	154	3					120	5B0	±*2, (OQ* calc) patchy dot. gen calc lacks var lithon structure. REC/OK	
L	154	3	161	4					121	5B80	(OQ* DOL) < 1% Lt, gr grey + carbonate all else OK. REC/OK except Bkn Core. 57.9 - 58.8 S ₂ 11 G G 58.4 - 58.5 FAULT	
L	161	4	163	5					122	5B6*	Dol (OQO ± *DOL) 2-3% Ps ₂ REC/OK Ckle Bx minwt	
L	163	5	163	9					123	5D1*	DOL (OQ* DOL) 80/20 REC/OK	
L	163	9	167	7					124	5B6	±*DOL [3G0 ± *DOL] (OQ* DOL) 2-3% 1-3cm 11S ₂ med gr Ps ₂ fol. REC/OK	
L	167	7	170	4					125	5B6	±*DOL [3G0 *DOL] (5D6 ± *DOL) (OQ* DOL) 60% 35% 5% OQ x CUT 30° C'AX REC OK	
L	170	4	184	8					126	3G0	±9, *DOL minwt, (OQO) ± *5 ⁸ / ₁₀ Stippled m. dk gr - dk gr whly carb, S ₂ 11 carb folia, m gr sulf bands whly lithon [5B6 ± 2*] Gauge. 71.4 - 71.5 u/c 20 C'AX 20/1000 h min Gauge. 71.9 - 72.0 u/c c S ₂ 11 Gauge 72.6 - 72.8 u/c S ₂ 11, 9 L/c.	
L	184	8	183	7					127	3G*	±9 As above + gr dot bands interband evenly - REC/OK Type 3G9*	
L	183	7	188	9					128	3G*9	6 → 5A*19 DOL, 6 = Py gr sulf laminae sulf 1-2% REC/OK	
L	188	9	190	5					129	5C1*	±9 (4D0)(OQ*) 95/2/3/ 40 = S ₂ 11 centre unit, 9 = dis py in 5c 9.4 2cm S ₂ 11 Gauge. sls REC/OK	
L	190	5	195	3					130	4E4b	(4G4) well banded, minis part sect, 70/30 REC	
L	195	3	195	7					131	4G4	±* calc REC/OK	
L	195	7	196	2					132	4E4	gr carb Bx Ckle. REC/OK.	
L	196	2	197	2					133	3G0	±9, (OQ* DOL) 85/15 Bkn Core. g.v. 3-10cm Top unit - 1m G 40° C'AX.?	
L	197	2	198	6					134	4L2	±4/6, (OQO) 5% Ps ₂ fol, REC/OK.	
L	198	6	199	6					135	5D0	±*DOL (OQ* calc & DOL) 80/20 calc centre unit, REC/OK	

Lithologic Log

Date: 25 AUG 82 Logged By: DSJ-JGS

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1099.6	11013.3		36	5B26	(5B20)(5D0)(5D*00L)(5D4*00L) (0Q*00L) interbedded variety calc pel phyll & tufts Pel 60/40 meta tuff. calc with above 100.3, → EOI tufts variety calc 100 REC Gauge 108.8-0.9 S211 Gauge. 102.3-0.5 S211
L	1103.3	1113.4		37	3G0	± 9, *DOL (0Q0) Tr. REC/OK Dol minor lt. nod gr si laminae striped -1 Gauge 1m 112.7-112.2 d/c 50/180-1c
L	1113.4	1118.2		38	5B16*	± 0, 2, → locally SAO* (5D0)(0Q*CALC) 85/15/Tr SA Top with REC/OK
L	1118.2	1120.3		39	5D01	Biot (0Q*) green mic 5B80? poor with struct. REC/OK.
L	1120.3	1120.8		40	0Q*	CALC 11 S2
L	1120.8	1125.6		41	5B20	VAN-TYPE/SPEC (0Q*CALC) mined REC/OK
L	1125.6	1126.8		42	5D01	(5B80) 95/5 REC/OK
L	1126.8	1131.1		43	5B08	± (5D0)(0Q*calc) 99% SB. REC OK
L	1131.1	1133.6		44	5B1*	± 0 ^{DOL} (5D*00L) as above + carb dot. = marker above sulphides TYPE-SPEC 5D 132.5-132.6 REC/OK
L	1133.6	1134.8		45	4A10	(4E0) 1= blk cherty Mx + gr sulph band. Total sulf 20% P= Zn 4E<Py 134.3-134.5 REC/OK
L	1134.8	1135.5		46	4E4	±1 poor Bar, local dol patches, poor band REC/OK
L	1135.5	1141.8		47	4A1	±3 EX/TEX sulph 25-30% < Py 1= cherty Mx & lt gr gr sulph bands REC/OK
L	1141.8	1143.8		48	5B26	* DOL (→ SA* locally striped 1 carb. REC/OK
L	1143.8	1147.2		49	4A10	EX/TEX lt gr gr sulph bands REC/OK
L	1147.2	1147.5		50	4C*	DOL → 4E* DOL
L	1147.5	1150.1		51	4A10	as above
L	1150.1	1150.3		52	4E1*	7 DOL P ₀
L	1150.3	1150.9		53	4A10	as above.
L	1150.9	1152.5		54	4D5	[3G916] → 4A10 sil, min NMR ROCK RE/OK
L	1152.5	1153.9		55	5B6.2	* DOL dk grey, gr dots with homogy. REC/OK END of HOLE

DDH EAGU.198
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Cyprus Anvil Mining Corp.

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Structural Log

Date: Aug. 23/82 Logged By: JGS/crk

Code	From				To				Feature	E/S	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	44		
S				75				CS2							710	230	
S				140				1WDP							710		
S				183				1WDP							810		
S				255				1WDP							810		
S				300				1WDP							610		
S				365				1WDP							710		
S				395				CS2							610		
S				422				1WDP							610		
S				455				1WDP							815		R band 11CS2
S				495				1WDP							45		
S				545				CS2							410		
S				597				1WDP							40		
S				645				1WDP							510		
S				680				1WDP							615		
S				735				CS2							510		
S				764				CS2							710		
S				820				CS2							610		
S				880				CS2							815		
S				935				1WDP							710		R band 11CS2
S				990				1WDP							810		
S				1060				CS2							615		
S				1090				CS2							710		
S				1162				1WDP							615		
S				1212				CS2							710		
S				1275				CS2							710		
S				1375				CS2							810		
S				1420				1WDP							710		
S				1470				1WDP							810		
S				1512				CS2							810		
S				1536				CS2							810		E0H 153.9

FAULT

DDH FA 419.8
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	E S	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F		101		139	N1A												N12 recovery - top of hole
F		139		124	B1												broken over several units
F		172		173	1G						9.9	9.9	9.9				S ₂ // gauge
F				192	1G						9.9	9.9	9.9				minor S ₂ // gauge
F		110	6	110	7	1G					9.9	9.9	9.9				S ₂ // gauge
F		110	8	111	0	1G											top 0.2m is gauge
F		116	3	116	5	G			4.5	2.7	10						gauge
F		117	1	117	2	G			9.0	0.0	0				4.0	0.0	
F		121	4	121	4	1X1Q											crackle bxa
F		149	1	149	7	1X1Q											crackle bxa
F		151	9	151	8	B1G					9.9	9.9	9.9				S ₂ // gauge & broken core
F		151	8	151	5	GFI											gauge - Fault
F		161	4	161	3	5	1X1Q										minor crackle bxa
F		171	4	171	5	1G			2.0	0.0	0						gauge upon 20° C.A.
F		171	9	172	0	1G			9.9	9.9	9.9				9.9	9.9	
F		172	6	172	8	1G			9.9	9.9	9.9				9.9	9.9	
F				181	4	1G					9.9	9.9	9.9				2cm S ₂ // gauge
F		191	5	191	6	2	1X1Q										crackle bxa
F				191	6	2	1G										0.1m gauge 40° C.A.
F		191	6	191	7	2	B										broken core
F		110	12	110	12	5	1G				9.9	9.9	9.9				S ₂ // gauge
F		111	12	111	12	2	1G			5.0	1.8	1.0					gauge

Chap-dug

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		<i>27.4- Abrupt change to sericite phyllite (S). Contact $\approx 75^\circ$</i>															
<i>27.4</i>	<i>35.1</i>	<i>Sericite phyllite (S). Competent. With intervals of dark graphitic sericite phyllite (SG). F₂ $\approx 75-85$ F₁ $\approx 0-5$ 31.5-32 - Graphitic phyllite (G). Fossils easily breaking into pebb chips. F₂ $\approx 85 \times 90^\circ$; F₁ = indistinct 33.5 \sim 34.8 - Graphitic phyllite (G). Similar to 31.5-32 run. 1st contact - Shwer. 2nd contact marked by bull gta. plane $\approx 85^\circ$. 35.1 - Change to bleached sericite phyllite. Contact marked by bull gta. Contact bet. bull gta and bleached sericite unit $\approx 80^\circ$ w/ irregular wavy plane.</i>	<i>7.5</i>	<i>/</i>	<i>27.4</i>	<i>35.1</i>	<i>7.7</i>										
<i>35.1</i>	<i>42.7</i>	<i>Bleached sericite phyllite. Competent. Buff w/ greenish hue. Foliation $\approx 70 \sim 75^\circ$ 40 \sim 40.2 - Po/Mgtt band $\approx 75^\circ$ 40.3 - 40.7 - Graphitic phyllite interval. Flakes. 42.7 - Sharp clean contact w/ massive sulfide (M).</i>	<i>7.1</i>	<i>/</i>	<i>35.1</i>	<i>42.7</i>	<i>7.6</i>										
<i>42.7</i>	<i>49</i>	<i>Massive sulfide, structureless (M), banded (MB) and with barite (Mb). Competent. Prominent laminae of Po/Mgtt @ 42.7 \sim 45.5. Compositional banding Po-Mgtt/Py $\approx 70 \sim 80$; Sulfide/ba $\approx 80 \times 90$</i>															
					<i>WT. An.</i>	<i>42.7</i>	<i>45.7</i>	<i>3.0</i>	<i>0.88</i>	<i>Ptzn</i>							
			<i>1.5</i>	<i>318C</i>	<i>42.7</i>	<i>44.2</i>	<i>1.5</i>	<i>0.88</i>	<i>0.33</i>	<i>25.37</i>			<i>1.41</i>	<i>Ptzn</i>			
			<i>1.5</i>	<i>319C</i>	<i>44.2</i>	<i>45.7</i>	<i>1.5</i>	<i>0.45</i>	<i>0.10</i>	<i>17.14</i>			<i>0.55</i>	<i> </i>			
			<i>1.5</i>	<i>320C</i>	<i>45.7</i>	<i>47.2</i>	<i>1.5</i>	<i>2.20</i>	<i>1.15</i>	<i>39.43</i>	<i>✓</i>						

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Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		97.5 - 99.4 - Chlorite - calcitic bleached sericite phyllite. Fissile. Buff w/ green stripes/spots. Foliation $\approx 85 \sim 90^\circ$; $F_1 \approx 0 \sim 5^\circ$. Contacts gradual															
		115 - 116.1 - Chlorite - calcitic unit. Similar to 97.5 - 99.4.															
		117.3 - Rx gradually changing to calcite-graphitic sericite phyllite (SG+K)															
117.3	132.6	Calcite-graphitic sericite phyllite (SG+K). Dark colored w/ white spots/laminae. Fissile. $F_2 \approx 70 \sim 75$ $F_1 \approx 0 \sim 10$. Calcite used usually marking F_1 . Graphite in grades as broad laminae 2mm \sim 1cm. Graphite $\approx 25\%$ $CaCO_3 \approx 25\%$	N.I	/	117.3	132.6	15.3										
		132.6 - decrease in calcitic constituent. Rx becoming graphitic sericite phyllite.															
132.6	134.1	Graphitic sericite phyllite (SG). Competent. $F_2 \approx 85 \sim 90$ $F_1 \approx 0 \sim 5^\circ$	1.5	/	132.6	134.1	1.5										
		134.1 - gradual build up of mineralization. Rx becoming mineralized graphitic phyllite (PG)															
134.1		Mineralized graphitic phyllite (PG) Competent. $F_2 \approx 80 \sim 85^\circ$ $F_1 \approx 0 \sim 5$.	25	5	1.5	325C	134.1	135.6	1.5	2.88	2.85	36.34	✓				
		Unseen mineralization w/ long intervals of almost	15	3	1.5	326C	135.6	137.1	1.5	0.88	0.88	13.03		1.76	P/Zn		
			20	3	1.5	327C	137.1	138.6	1.5	0.08	0.10	4.11		0.18	"		

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		barren grad. Sulfides in both foliation. Polycrystalline	15	3	1.5	328c	138.6	140.1	1.5	0.20	0.28	5.14			0.48	PtZn	
		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	1014	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								
		F ₂ x 80 to 85 F ₁ x 0 to 5.	20	4	1.5	330c	146.9	148.4	1.5	1.28	1.50	20.23			2.78	PtZn	
		Graphite x 30%. Trace calcite in F ₁ .	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. wt.	135.6	141.6	6.0	0.73					PtZn		
						"	146.9	151.4	4.5	2.06					"		

DDH: FAGU198 -- 42 DEGREE PROFILE

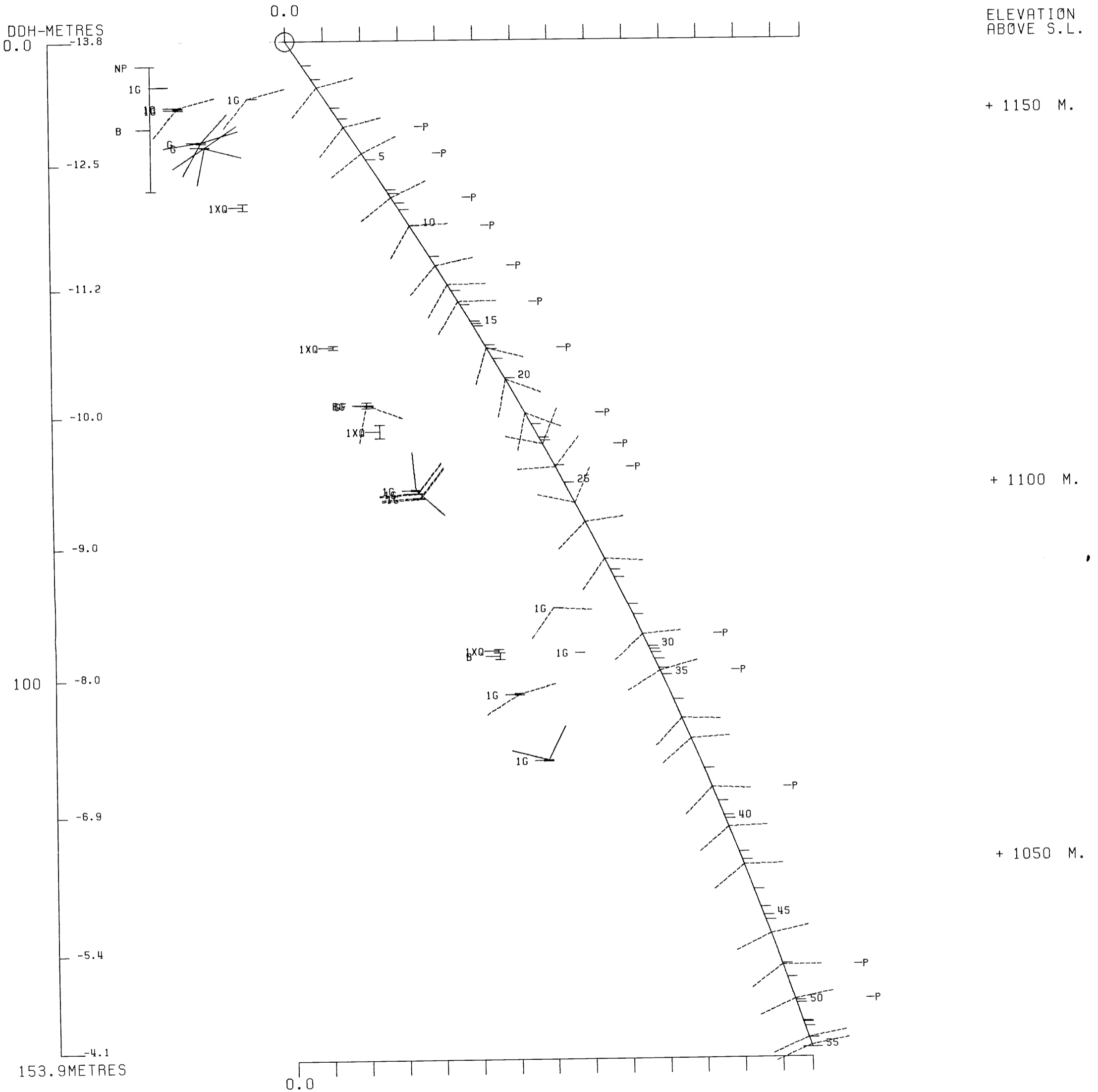
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1162 592165E ; 904912N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 345.7 Z = 1159.5

SECTION NAME: 76W



FAGU 217

76 W

DRILL HOLE : FAGU217
NORTHING : 904,910.8
EASTING : 592,163.4
ELEVATION : 1,162.2
TOTAL DEPTH : 123.6
SECTION : W 76
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: 0
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 1
NOS DOWN-H-STRUCTURE: 0
NOS DOWN-H-FAULTS: 0
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

08FEB84 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 38

DDH: FAGU217 UTM-N: 904,910.8 UTM-E: 592,163.4 UTM-ELEV: 1,162.2 TOTAL DEPTH: 123.6 SECTION: W 76
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	172.000	244.000
12.200	172.000	288.000
73.200	177.000	0.000
118.900	178.200	83.000

08FEB84 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 39

DDH: FAGU217 UTM-N: 904,910.8 UTM-E: 592,163.4 UTM-ELEV: 1,162.2 TOTAL DEPTH: 123.6 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
123.6	OC01	XXXXX	NOT LOGGED BY CAMC	0.C	1

08FEB84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 40

DDH: FAGU217 UTM-N: 904,910.8 UTM-E: 592,163.4 UTM-ELEV: 1,162.2 TOTAL DEPTH: 123.6 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH SEGMENT NOS COND INDICATOR

FAGU217	1	2
FAGU217	2	2
FAGU217	3	2
FAGU217	4	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 09:21:59

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU 217

Fabric Orientation Diagram:

Project: _____

Location: _____

Claim: _____

UTM Terr. Plane

Co-ords.: 6904910.774 N

*conversion of
K-A surveyed
grid co-ords*

592163.415 E

Grid
Co-ords.: 76W

All symmetry determinations looking

_____ with _____ dipping

Elevation: 1162.224 m.

_____ with dip azimuth _____.

Total Depth: 123.6m.

Purpose: _____

Logged by: _____ Date(s) Logged: _____

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

Started: Oct 13/76 Completed: Oct 14/76

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		33.5 - Gradual increase in graphite content. R _x becoming graphitic sericite phyllite (Sg)															
33.5	44.8	Serpentine sericite phyllite (Sg). Fracture. F ₂ ~ 75 ~ 80 ; F ₁ ~ 0-5° Trace calcite in groundmass. Sporadic sulfide showing < 1% 44.8 - Sharp clean contact w/ bleached sericite phyllite (Sb) ~ 70°	10.7	/	33.5	44.8	11.3										
44.8	46.1	Bleached sericite phyllite (Sb). Competent. Buff w/ greenish hue to silvery white. Foliation 80 ~ 85. Sulfides showing of To asso. w/ py as 2 cm. wide band @ 45-8 46.1 - Change to transition zone bet. Sb and massive sulfide (M).	1.3	/	44.8	46.1	1.3										
46.1	47.3	Transition between bleached sericite to massive sulfide unit. Zone characterized by gradual increase in sulfide bands. Contacts bet. bands ~ 40 ~ 50° 47.3 - Final contact to massive sulfide ~ 40°	1.2	/	46.1	47.3	1.2										
47.3	53.7	Massive sulfide (M). Structureless to heaving faint compositional banding (MB). Competent. Compositional banding sph/py ~ 70° @ 50.2 to 50.3	70	4	1.5	3720	47.3	48.8	1.5	6.45	3.68	74.74			4E4		
			70	4	1.5	3730	48.8	50.3	1.5	2.85	1.85	56.57			4E0		
			70	4	1.5	3740	50.3	51.8	1.5	0.98	0.70	24.34			4E0		
								wt. av:			3.39 2.07 51.8						

DDH: FAGU217 -- 42 DEGREE PROFILE

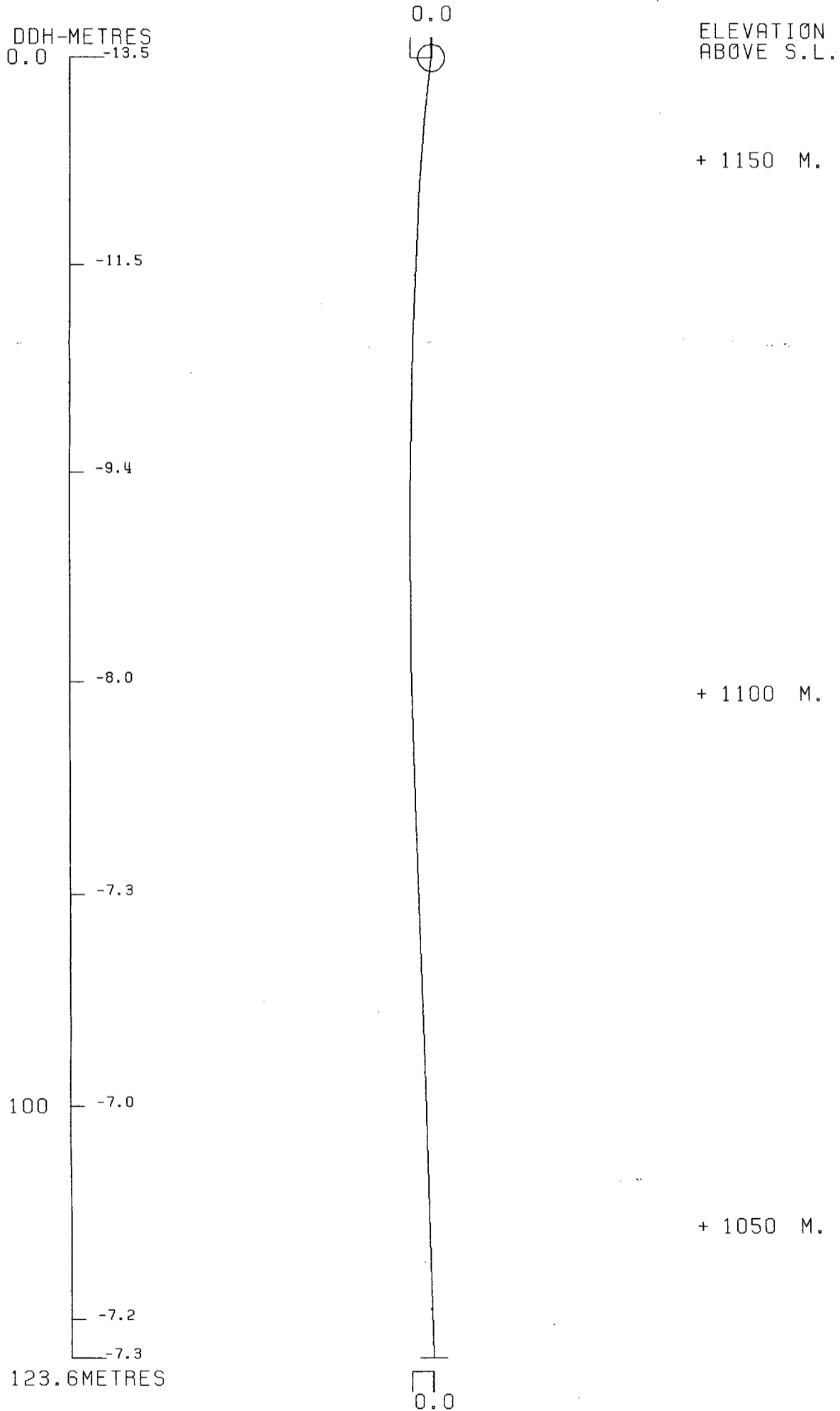
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1162 592163E ; 904911N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 343.7 Z = 1159.6

SECTION NAME: 76W



DDH: FAGU217 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV:1162 592163E ; 904911N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 343.7 Z = 1159.6

SECTION NAME: 76W

