

GRUM
Re-LOGS
Sec. 47
20FZ

015056

FAGU141

DCH	SAMPLE	---DEPTHS---		INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PO+PY	ZN
		FROM	TO	M	%	UNIT		%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
								.18	.59	1.94	26.0					2.53		.77
FAGU141	9465	.C	2.2	2.2	50	4A0		.26	.37	1.58	25.0					1.95		.81
	9466	2.2	4.5	2.3	96	4A0		.15	.58	.91	24.0					1.49		.61
	9467	4.5	5.7	1.2	100	4A0		.14	.43	1.42	18.0	.62	1.79	18.90		1.85	20.69	.77
	9468	5.7	7.6	1.9	100	4A0	3.50	.15	.43	1.42	18.0	.62	1.79	18.90		1.85	20.69	.77
	9469	7.6	9.2	1.6	94	4A4	3.60	.15	4.50	7.00	66.0	1.44	1.62	16.40		11.50	19.02	.61
	9470	9.2	10.8	1.6	100	4E4	4.81	.15	7.40	12.70	103.0	3.29	2.33	28.20		20.10	30.53	.63
	9471	10.8	12.5	1.7	100	4E4	4.65	.08	7.80	12.30	118.0	1.78	1.97	28.50		20.10	30.47	.61
	9472	12.5	13.0	.5	100	40C	4.07	.07	5.00	6.50	98.0	1.37	2.16	26.70		11.50	28.86	.57
	9473	13.0	14.0	1.0	100	4E4	4.18	.05	7.00	13.70	96.0	1.37	2.27	21.10		20.70	23.37	.66
	9474	14.0	14.4	.4	100	4G4	4.58	.17	3.70	7.90	68.0	1.78	.62	29.30		11.60	29.92	.68
	9475	14.4	16.4	2.0	100	404	4.03	.12	8.30	12.90	130.0	1.92	2.46	18.50		21.20	20.96	.61
	9476	16.4	17.6	1.2	100	4034	3.58	.19	1.95	12.80	39.0	1.71	2.23	21.80		14.75	24.03	.87
	9477	17.6	18.5	.9	100	4A4	3.75	.12	7.30	6.40	95.0	2.33	1.40	18.40		13.70	19.80	.47
	9478	18.5	19.9	1.4	100	404	3.80	.32	6.30	6.80	93.0	2.40	2.46	19.00		13.10	21.46	.52
	9479	19.9	21.3	1.4	57	404	3.82	.17	6.10	4.60	98.0	2.19	1.58	20.40		10.70	21.98	.43
	9480	21.3	22.4	1.1	100	4C3	4.39	.39	2.60	1.40	46.0	2.88	2.10	29.90		4.00	32.00	.35
	9481	22.4	24.1	1.7	76	4043	3.61	.21	7.60	10.70	125.0	1.99	3.06	12.80		18.30	15.86	.58
	9482	59.8	61.5	1.7	100	4GE4	4.40	.17	5.20	8.40	93.0	.89	2.14	23.50		13.60	25.64	.62
	9483	61.5	62.7	1.2	100	4G4	4.48	.05	4.00	8.20	76.0	.62	.51	8.50		12.20	9.01	.67

DCH	SAMPLE	RCKK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %						*	CPY	NORMATIVE MINERALS - VOLUME %								
				GA	SP	PC	PY	BAR	OTHER			GA	SP	PO	PY	BAR	OTHER			
FAGU141	9465	4A0	.52	.68	2.89					95.91	*									
	9466	4A0	.75	.43	2.36					96.47	*									
	9467	4A0	.43	.67	1.36					97.54	*									
	946E	4AG	.40	.50	2.12	2.82	40.64			53.52	*	.33	.23	1.83	2.12	28.13				67.36
	9469	4A4	.43	5.20	10.44	2.55	35.27			46.12	*	.37	2.49	9.39	1.99	25.39				60.36
	947C	4E4	.43	8.55	18.93	3.66	60.64			7.78	*	.47	5.24	21.78	3.67	55.82				13.02
	9471	4E4	.23	9.01	18.34	3.10	61.29			8.04	*	.25	5.54	21.13	3.10	56.50				13.47
	9472	4C0	.20	5.77	9.69	3.40	57.42			23.52	*	.20	3.21	10.09	3.08	47.82				35.61
	9473	4E4	.14	8.08	20.42	3.57	45.38			22.40	*	.14	4.45	21.09	3.20	37.48				33.64
	9474	4G4	.49	4.27	11.78	.98	63.01			19.47	*	.50	2.42	12.52	.90	53.57				30.10
	9475	4D4	.35	9.59	19.23	3.87	39.78			27.18	*	.33	5.14	19.35	3.38	32.02				39.78
	9476	4C34	.55	2.25	19.08	3.51	46.88			27.73	*	.51	1.18	18.76	3.00	36.88				39.66
	9477	4A4	.35	8.43	9.54	2.20	39.57			39.91	*	.31	4.24	9.00	1.81	29.87				54.77
	947E	4D4	.92	7.28	10.14	3.87	40.86			36.93	*	.84	3.71	9.68	3.21	31.23				51.32
	9479	4C4	.49	7.04	6.86	2.48	43.87			39.25	*	.44	3.56	6.50	2.05	33.29				54.15
	948C	4C3	1.13	3.00	2.09	3.30	64.30			26.18	*	1.10	1.65	2.15	2.96	52.95				39.20
	9481	4C43	.61	8.78	15.95	4.81	27.53			42.33	*	.53	4.30	14.64	3.84	20.21				56.49
	9482	4GE4	.49	6.01	12.52	3.37	50.54			27.08	*	.47	3.24	12.66	2.96	40.86				39.81
	9483	4G4	.14	4.62	12.22	.80	18.28			63.93	*	.11	2.00	9.93	.57	11.88				75.52

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

DETAIL RECORD COUNTS:

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

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

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

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

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.5	0001	4A0		0.5-	1
5.7	0002	4A0	BXA	0.5-	1
7.6	0003	4A0		0.5-	1
9.2	0004	4A4		0.5-	1
12.5	0005	4E4	-> 4E0 LOCALLY	0.5-	1
13.0	0006	4C0		0.5-	1
14.0	0007	4E4	(4C0)	0.5-	1
14.4	0008	4G4		0.5-	1
17.6	0009	4D4	(4C3) (4A1) MINOR	0.5-	1
18.5	0010	4A4		0.5-	1
22.4	0011	4D4	(4C3)	0.5-	1
24.1	0012	4D43		0.5-	1
26.4	0013	4L0		0.5-	1
28.2	0014	5B26		0.5-	1
29.0	0015	5B0\$	84	0.5-	1
45.1	0016	5B2\$		0.5-	1
45.7	0017	5B26	?	0.5-	1
58.9	0018	5B2\$		0.5-	1
59.4	0019	5B26	?	0.5-	1
62.7	0020	4GE	[4E0 (4G0)]	0.5-	1
67.0	0021	5A0	?	0.5-	1
69.1	0022	5B2\$		0.5-	1
71.2	0023	4L0		0.5-	1
91.2	0024	5B80		0.5-	1
92.5	0025	5DC		0.5-	1
93.6	0026	5B80		0.5-	1
96.3	0027	5B0\$		0.5-	1

02APR84 GRUM

DOWN-HOLE STRUCTURE (DHD20)

PAGE: 12

DDH: FAGU141 UTM-N: 904,787.4 UTM-E: 592,442.5 UTM-ELEV: 1,167.8 TOTAL DEPTH: 96.2 SECTION: W 66
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC 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
FAGU141	0.0	6.1	PS2		0	0	0	0	50	230	0		1	1	1
FAGU141	0.0	7.6	PS2		0	0	0	0	55	230	0		1	1	1
FAGU141	0.0	24.4	PS2		0	0	0	0	32	230	0		1	1	1
FAGU141	0.0	30.5	PS2		0	0	0	0	20	230	C		1	1	1
FAGU141	0.0	35.1	PS2		0	0	0	0	15	230	C		1	1	1
FAGU141	0.0	40.2	PS2		0	0	0	0	35	230	0		1	1	1
FAGU141	0.0	45.7	PS2		0	0	0	0	30	230	0		1	1	1
FAGU141	0.0	55.0	PS2		0	0	0	0	50	230	C		1	1	1
FAGU141	0.0	67.8	PS2		0	0	0	0	25	230	C		1	1	1
FAGU141	0.0	72.4	PS2		0	0	0	0	36	230	0		1	1	1
FAGU141	0.0	77.3	PS2		0	0	0	0	20	230	0		1	1	1
FAGU141	0.0	82.3	PS2		0	0	0	0	31	230	0		1	1	1
FAGU141	0.0	88.4	PS2		0	0	0	0	45	230	0		1	1	1
FAGU141	0.0	93.0	PS2		0	0	0	0	40	230	C		1	1	1
FAGU141	0.1	96.3	PS2	P	0	0	0	0	0	0	0		1	1	1

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

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

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

DDH SEGMENT NOS COND INDICATOR

FAGU141	1	2
FAGU141	2	2
FAGU141	3	1

CYPRUS ANVIL MINING CORPORATION

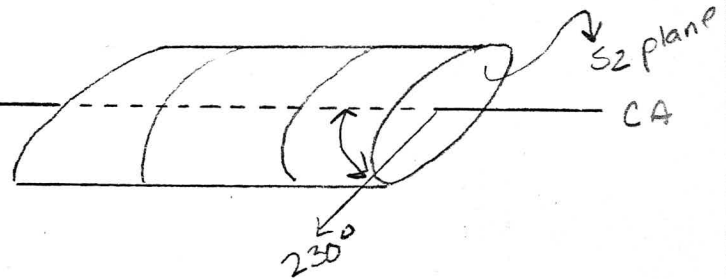
DIAMOND DRILL CORE LOG

Hole Number: 76-1141

Fabric Orientation Diagram:

Project: Grum Releg

Location: Vangorda Plateau



Claim: _____

Terr. Plane Co-ords.: 366 6904787.7870 N

4946 592442.8602 E

Grid Co-ords.: 66W/2N

Elevation: 846 1167.95

All symmetry determinations looking

NW with S₂ dipping

SW with dip azimuth 230.

Total Depth: 96.3 m

Purpose: _____

Logged by: JSM Date(s) Logged: _____

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

Core	Size	From	To
<u>BD</u>	<u>0</u>	<u>96.3</u>	
_____	_____	_____	_____
_____	_____	_____	_____

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

*UTM
K-A Survey
grid co-ords*

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	100	145	12	4A0	1-2% PbZn fractured ^{sub} // ca.
L	145	157	12	4A0	bxia well healed, py qtzite clasts + graphitic matrix
L	157	176	13	4A0	1-2% PbZn 7.0-7.3 py qtz bands 0.08m width.
L	176	192	14	4A14	10% PbZn gradational lower etc over 0.2m minor cp.
L	192	125	15	4E14	High grade though TOI + EOI → 4E0 20-25% PbZn note - well heated sfd bxia @ ~9.6-9.8 fractures sub // c.a.
					-qtz @ 10.6 (ie 4C0) 0.1m.
L	1125	1130	16	4C10	banded py + qtz 35° to C.A. <u>///</u>
L	1130	1140	17	4E4	(4C0) 20-25% PbZn qtz as 2 narrow 0.1m bands -13.5 & 13.8m
L	1140	1144	18	4G0	v. little PbZn visible <u>old huge??</u>
L	1144	1176	19	4D4	(4C3) PbZn concentrated in thick (→ 1.0m) bands, qtz concentrated in PbZn poor zones This interval could be broken down more but that would be too nit picky eg 15.8-16.1 (4E4(4A0)) & 16.4-17.6 4C3 (Portions of unit sulphide supported by refoldings)
L	1176	1185	10	4A4	
L	1185	1224	11	4D4	(4C3) as unit 9 the concentrations of PbZn are not easily broken out. Interval ends w/ a well banded 4C3 (21.3-22.4) but banding is ⊥ to C.A. v. vertical (unusual)
L	1224	1241	12	4D4	Higher grade than unit 11. Upper part of unit banded qtz/sulphides, lower 0.9m = massive PbZn minor py 20% qtz poss. bxtd into sulphide supported by (Pass fold case?)
L	1241	1264	13	4L0	gouge @ TOI + EOI
L	1264	1282	14	5B2	Very broken core which could be due to the inclination of hole relative to foliation (s ₂) rather than due to structural disturbance
L	1282	1290	15	5B0	w/ FeCO ₃ incipient white mica (5B4?) (4L5?)
L	1290	1451	16	5B2	w/ FeCO ₃ core broken as unit 14
L	1451	1457	17	5B2	? gouge
L	1457	1589	18	5B2	FeCO ₃ as before
L	1589	1598	19	5B2	? gouge
L	1598	1627	20	4GE	(4C0) interbanded 4G0/4E0 to 61.5; 4G0 61.5-62.7 weak bx 61.0-61.3
L	1627	1670	21	5A0	? black graphitic gouge
L	1670	1691	22	5B2	FeCO ₃
L	1691	1712	23	4L0	(5B4, no sfd)
L	1712	1912	24	5B80	strongly calc
L	1912	1925	25	5D3	massive green, strongly calc
L	1925	1936	26	5B80	as 24

change by nit picker

5/2

ASSAY LOG (SAMPLER'S COPY)

Date Aug 18/81

Sampled by _____

CODE	FROM			TO			SAMPLE	INTR.			REC (m)	UNIT	DESCRIPTION
	10	14	16	20	22	26		28	30	32			
P		00		22		9465		22		11		4A0	
P		22		45		9466		23		22		4A0	
P		45		57		9467		12		12		4A0	bx
P		57		76		9468		21		21		4A0	
P		76		92		9469		15		15		4A4	
P		92		108		9470		16		16		4E4	
P		108		125		9471		17		17		4E4	
P		125		130		9472		05		05		4C0	
P		130		140		9473		10		10		4E4	(4C0)
P		140		144		9474		04		04		4G0	
P		144		154		9475		20		20		4D4	
P		164		176		9476		12		12		4C3	
P		176		185		9477		09		09		4A4	
P		185		199		9478		14		14		4D4	
P		199		213		9479		14		08		4D4	
P		213		224		9480		11		11		4C3	
P		224		241		9481		17		13		4D4	
P		598		615		9482		17		17		4G4	
P		615		627		9483		12		12		4G0	

DDH FAGU 141
 2 8
 meters

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From			To			Feature S/E	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24		26	28	32	34	38	40	
F		45		57			D							
F		96		98			D							
F		232		241			XPD							
F				241			G							
F				264			G							
F		264		282			3B							
F		290		451			3B							
F		451		457			G							
F		589		598			G							
F		610		613			1A							
F		627		670			G							

DIAMOND DRILL RECORD

LOGGED BY

ALEXANDER YOUNG-PO

D.D.H. No 76-U-141

PAGE 1

PROPERTY GRUM JOINT VENTURE
 LATITUDE 10,581.782 ? 66W STARTED AUGUST 5, 1976
 DEPARTURE 7,747.787 ? 2N COMPLETED AUGUST 8, 1976
 ELEVATION 1,178.564 ? Drift PROPOSED DEPTH 120m
 changed ULTIMATE DEPTH

HOLE SURVEY:

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

CLAIM No

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

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 78%

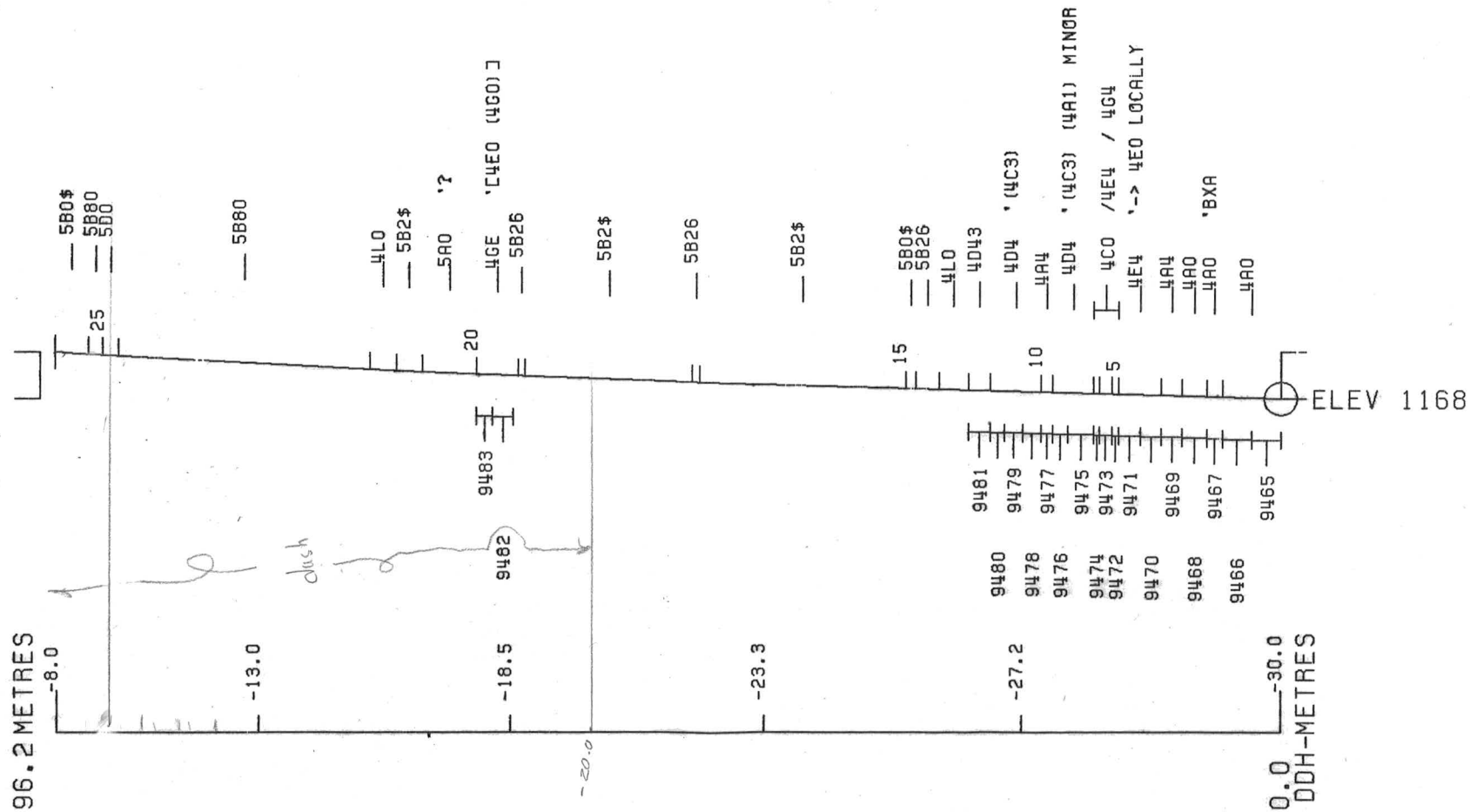
Interval		DESCRIPTION	Zn+ Py Pb	Recovery	Sample No	Interval		Sample Length	Assay				Assay x			
From	To					From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
0	9.1	MINERALIZED GRAPHITIC PHYLLITE (PG). Broken, blocky	30 5	0.9	4111	0	3.0	3.0	0.58	1.45	20.23					
		core. Foliation = 75-80° (F = 90°) - could be	30 4	1.2	4112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

DDH: FAGU141 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1168 592443E ; 904787N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 439.8 Z = 1162.0
 SECTION NAME: 67W

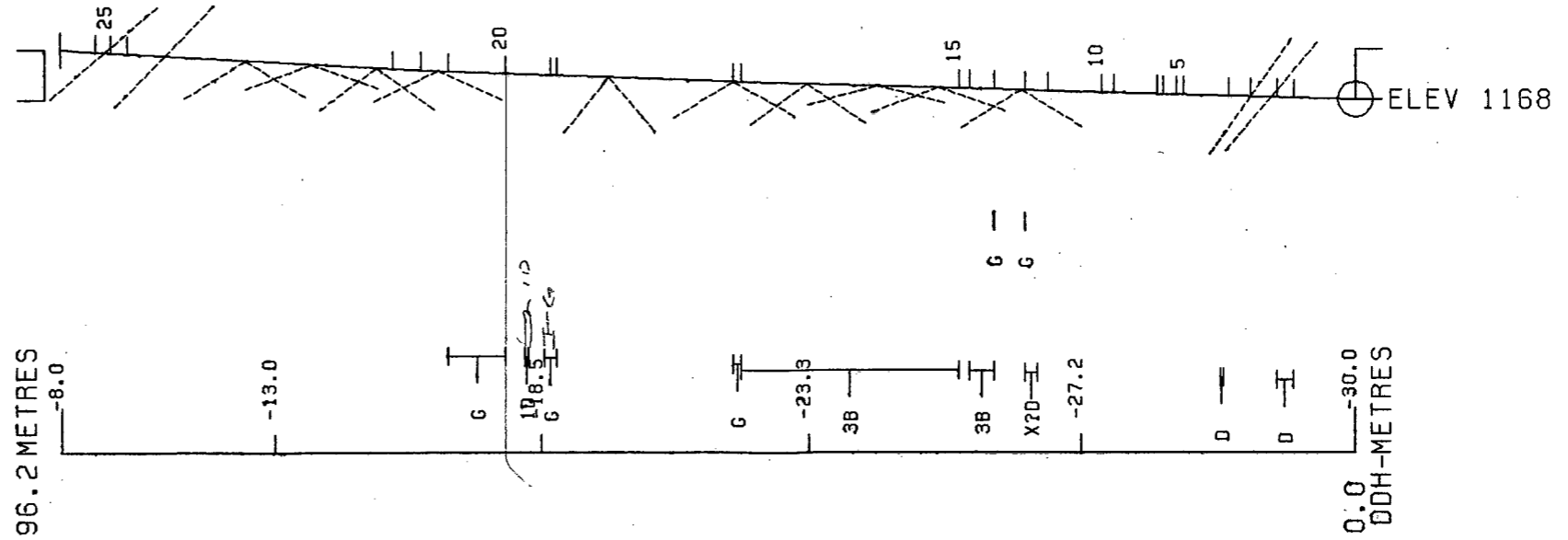
CYPRUS ANVIL MINING CORPORATION
 PROGRAM DH162 30 MAY 1984 1:33 PM



DDH: FAGU141 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1168 592443E ; 904787N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 439.8 Z = 1162.0
 SECTION NAME: 67W

CYPRUS ANVIL MINING CORPORATION
 PROGRAM DH161 30 MAY 1984 1:34 PM



FAGU 185

DDH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PG+PY %	ZN RATIO		
		FROM	TO																	
FAGU185	9C607	6.1	7.6	1.5	87	4A0			1.23	1.85	20.2								3.08	.60
	9C608	7.6	9.1	1.5	87	4A34			6.43	14.02	93.9								20.45	.69
	9C609	9.1	10.7	1.6	100	4A34			6.83	15.27	110.1								22.10	.69
	90610	10.7	12.2	1.5	100	4DE4			5.86	11.84	66.5								17.70	.67
	9C611	12.2	13.7	1.5	100	4E4			7.81	15.99	84.7								23.80	.67
	9C612	13.7	15.2	1.5	100	4E4			6.43	11.59	84.7								18.02	.64
	90613	15.2	16.8	1.6	100	4E4			8.11	17.43	104.9								25.54	.68
	9C614	16.8	18.3	1.5	100	4D4			10.47	26.45	172.5								36.92	.72
	9C615	18.3	19.8	1.5	100	4D34			6.23	17.52	90.9								23.75	.74
	9C616	19.8	20.5	.7	100	4D34			9.69	20.65	141.3								30.34	.68
	9C617	57.9	58.6	.7	100	4E46			5.50	9.70	80.6								15.20	.64

DRILL HOLE : FAGU185
NORTHING : 904,810.7
EASTING : 592,422.4
ELEVATION : 1,164.8
TOTAL DEPTH : 91.4
SECTION : W 67
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 11
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 25
NOS DOWN-H-STRUCTURE: 15
NOS DOWN-H-FAULTS: 46
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

ZZMAB84 GRUP

DOWN-HOLE SURVEYS (DHD20)

PAGE: 3

DDH: FAGU185 UTM-N: 904,810.7 UTM-E: 592,422.4 UTM-ELEV: 1,164.8 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	88.400	222.300

DDH: FAGU185 UTM-N: 904,810.7 UTM-E: 592,422.4 UTM-ELEV: 1,164.8 TOTAL DEPTH: 91.4 SECTION: W 67
 RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
3.0	0001	300		0.5-	1
4.5	0002	400	[4L12 84 -> 4C5]	0.5-	1
5.1	0003	504*	SHEARED	0.5-	1
7.4	0004	4A0	& BXA (400) T.O.I. 85:15	0.5-	1
10.7	0005	4A34	MICROBXA	0.5-	1
11.1	0006	4D4	25 (4E0) T.O.I. MICROBXA	0.5-	1
16.8	0007	4E4	& PORCUS	0.5-	1
17.3	0008	4D4	BXA [4E441 BXA]	0.5-	1
17.5	0009	400		0.5-	1
17.8	0010	4D4	BXA	0.5-	1
20.1	0011	4D34	BXA [4E41 BXA]	0.5-	1
20.5	0012	4D4	BXA [4J1 BXA]	0.5-	1
25.9	0013	3G4	-> (4L0) (10Q\$) MINOR	0.5-	1
29.0	0014	300	29 GOUGE RUBBLE	0.5-	1
30.3	0015	4LC	-> 3G48 (10Q\$)	0.5-	1
37.4	0016	5A6*	-> (3G9*) E.O.I. 40:60	0.5-	1
39.5	0017	5B20	(5B80) E.O.I. 50:50	0.5-	1
41.4	0018	5A3	(10Q#) 90:10	0.5-	1
57.9	0019	5B6\$	2 (10Q# CHLOR) T.O.I.	0.5-	1
58.6	0020	4E46	(4G4)	0.5-	1
59.5	0021	5A19	(10Q\$ PY)	0.5-	1
59.7	0022	504*		0.5-	1
61.0	0023	400		0.5-	1
80.1	0024	5A\$	80->(5B628\$)(10Q\$)25:75:MINOR	0.5-	1
91.4	0025	5B0	8\$ 88 &2 LOCALLY -> 5B3	0.5-	1

DDH: FAGU185 UTM-N: 904,810.7 UTM-E: 592,422.4 UTM-ELEV: 1,164.8 TOTAL DEPTH: 91.4 SECTION: W 67
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGU185	0.0	2.0	CS2		0	0	0	0	5	230	C		1	1	1
FAGU185	0.0	3.3	PS2	P	0	0	0	0	55	230	C		1	1	1
FAGU185	0.0	7.3	CS2		0	0	0	0	55	230	C		1	1	1
FAGU185	0.0	12.7	PS2	P	0	0	0	0	50	230	C		1	1	1
FAGU185	0.0	21.1	PS2	P	0	0	0	0	50	230	C		1	1	1
FAGU185	0.0	24.2	PS2	P	0	0	0	0	45	230	C		1	1	1
FAGU185	0.0	33.7	CS2		0	0	0	0	10	230	C		1	1	1
FAGU185	0.0	38.0	CS2		0	0	0	0	30	230	C		1	1	1
FAGU185	0.0	45.2	PS2	P	0	0	0	0	40	230	C		1	1	1
FAGU185	0.0	50.0	CS2		0	0	0	0	30	230	C		1	1	1
FAGU185	0.0	65.2	PS2	P	0	0	0	0	15	230	C		1	1	1
FAGU185	0.0	76.2	PS2	P	0	0	0	0	10	230	C		1	1	1
FAGU185	0.0	82.3	PS2	P	0	0	0	0	15	230	C		1	1	1
FAGU185	0.0	86.4	CS2		0	0	0	0	15	230	C		1	1	1
FAGU185	0.0	89.0	CS2		0	0	0	0	20	230	C		1	1	1

DDH: FAGU185 UTM-N: 904,910.7 UTM-E: 592,422.4 UTM-ELEV: 1,164.8 TOTAL DEPTH: 91.4 SECTION: W 67
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD	
FAGU185	0.1	1.5	NP				0	0	0	0	1
FAGU185	0.0	2.7	1G				0	0	0	0	1
FAGU185	1.5	3.0	P1G		6		0	0	0	0	1
FAGU185	3.0	4.5	B				0	0	0	0	1
FAGU185	0.0	4.5	1R				0	0	0	0	1
FAGU185	4.5	5.1	S2B				0	0	0	0	1
FAGU185	6.1	7.4	X3B				0	0	0	0	1
FAGU185	6.1	7.4	RGP				0	0	0	0	1
FAGU185	7.4	11.1	D2B				0	0	0	0	1
FAGU185	0.0	12.1	1R				0	0	0	0	1
FAGU185	0.0	15.7	1R				0	0	0	0	1
FAGU185	0.0	15.8	1R				0	0	0	0	1
FAGU185	15.2	15.9	D				0	0	0	0	1
FAGU185	16.8	17.3	D				0	0	0	0	1
FAGU185	17.8	20.5	D				0	0	0	0	1
FAGU185	24.4	25.9	P		2		0	0	0	0	1
FAGU185	25.9	27.4	P		4		0	0	0	0	1
FAGU185	22.4	29.0	GR				0	0	0	0	1
FAGU185	27.4	29.0	P		6		0	0	0	0	1
FAGU185	29.0	30.3	3B				0	0	0	0	1
FAGU185	30.3	30.5	GP		5		0	0	0	0	1
FAGU185	31.1	32.0	G				0	0	0	0	1
FAGU185	30.3	33.3	GRP				0	0	0	0	1
FAGU185	32.7	33.3	G				0	0	0	0	1
FAGU185	33.3	35.6	2B				0	0	0	0	1
FAGU185	41.4	43.2	Q				0	0	0	0	1
FAGU185	49.2	50.0	G				0	0	0	0	1
FAGU185	51.8	53.3	P		2		0	0	0	0	1
FAGU185	53.3	54.9	NP				0	0	0	0	1
FAGU185	54.9	56.3	PBR		7		0	0	0	0	1
FAGU185	48.4	57.9	GBP				0	0	0	0	1
FAGU185	56.3	57.9	PBR		1		0	0	0	0	1
FAGU185	58.6	59.5	PB		1		0	0	0	0	1
FAGU185	59.5	59.7	BR				0	0	0	0	1
FAGU185	59.7	61.0	BXD				0	0	0	0	1
FAGU185	61.0	62.5	PBR		0		0	0	0	0	1
FAGU185	0.0	64.0	1G				0	0	0	0	1
FAGU185	62.5	65.5	PBR		5		0	0	0	0	1
FAGU185	0.0	66.0	1G				0	0	0	0	1
FAGU185	73.2	74.7	PBR		4		0	0	0	0	1
FAGU185	74.9	75.2	G				99	999	0	0	1
FAGU185	74.7	76.2	PER		7		0	0	0	0	1
FAGU185	0.0	80.1	1G				0	0	0	0	1
FAGU185	0.0	88.5	1G				0	0	0	0	1
FAGU185	0.0	90.8	1G				0	0	0	0	1
FAGU185	80.1	91.4	2EP				0	0	0	0	1

20110804 GRUM

DOWN-HOLE SPLINES (DHO2G)

PAGE: 7

DDH: FAGU185 UTM-N: 904,810.7 UTM-E: 592,422.4 UTM-ELEV: 1,164.8 TOTAL DEPTH: 91.4 SECTION: w 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU185 1 1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 8

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAG U 185

Reference Fabric Orientation Diagram:

Project: GRUM

Location: 67 W

Claim: _____

Terr. Plane Co-ords.: 904810.7 N

592422.4 E

Grid Co-ords: _____



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

All symmetry determinations looking

Elevation: 1164.8

NW with S₂ dipping

Total Depth: 91.4

SW with dip azimuth 230.

Purpose: _____

Reason hole Terminated: _____

Logged by: GAT./TAC

Date(s) Logged: 24 AUG 82

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

DDH FAGU 185
 2 8

Diamond Drill Core Log

Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E
I	2 8 10 16 17 24 25 32 34 39 41 42					
T	FAGU 185	1116.4	8904.8	10175.9	2422.4 METERS	52

Code	Drillhole	Depth				Zenith Angle				True Azimuth				Comments										
		2	8	10	14	22	26	28	32	34	36	38	40		42	44	46	48	50	52	54	56		
R	FAGU 185			100		18.8			4			210		7	A T C O L L I A R I									

Handwritten notes:
 222.3
 for True North
 10/10/82

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

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	30		1	31G10	Medium-Dk. Medgy. phyll - non-calc, non-dolo (0-1.5 no recov.) (1.5-3.0 - 0.9m recov.) ve recov grunts minor 1AD. gouge 2.7, local 1WD gouge
L	30	45		12	41C10	[4L12±4 ⇒ 4C5] cream folia at top, medgy at bottom, broken but good recov. .1m of rubble at base
L	45	51		13	5D14x	Sheared, core is mod. broken
L	51	74		14	41A10	± bx (4C0) 4C0 in top .2m adj. to overlying 5D4x. bx occurs 6.1 to 7.4 consists of sulfide fragments in a black rock flour matrix appears to be fault bx, fault at base 70° x.A v. broken, local rubble, 1WD gouge 6.1, mod. recovery.
L	74	110		15	41A314	ext. microbx, w Silicate frags. in Sulphide matrix, appears ductile flow bx., approx. 50% total sulphides. Py: 2 Sphal good 4A banding, mod. broken (split), no gouge
L	107	111		16	4D14±5	(4E0) → in top .4m of unit, 4D45 is ext. micro bx'd. Mod. broken, no gouge
L	111	168		17	4E41±	porous. Well-banded massive Sulphs. local 'sulph in sulph' bx (15.2-15.9), intact, rubble
L	168	173		18	41D44	micro bx w 060 fragments. v. high grade → 80% Sulphs, dominant = Sphal, [4E41/bx] intact (split), no gouge.
L	173	175		19	41C10	good banding. intact (split)
L	175	178		110	4D44	bx as Unit #9. intact (split)
L	178	201		111	41D31	bx [4E41 bx] consists of white quartzose clasts. with minor sulphides in massive sulph matrix. ~70% tot. Sulphs Py: 2 or 3 Sphal entire is bx'd (Ductile flow) probably originally interbanded quartzose units and massive sulph. units now homogenous bx
L	201	205		112	41D44	bx. Quartzose clasts in near massive sulph. matrix Sphal ≫ Py. v. high grade [411 bx] as above units.

at 12.1
15.7, 15.8

Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	2105	2159		113	316,41	⇒ 410 med → lt. gray non-calc, bleached phyllite, locally w greenish tinge ⇒ greenish/cream 4L. (0Q* dolo) ⇒ 1/0 TOI (contact) may be a fault (IND). mod. broken to intact, 22.4 → EOI = gouge & rubble, all indeterminate, .4m recov 24.4-25.9
L	2159	2190		114	316,10 ± 9	entirely gouged & rubble, up & low IND., internal fabric uncertain but appears both steep gouge and also 11 S ₂ presumably a fault zone continued from 24.4, recov. grunks, 25.9-27.4 = .6m 27.4-29.0 = 1.0m (max)
L	2190	3103		115	414,0	⇒ 3648 (0Q* dolo). lt green/cream → green/gray non-calc phyll. appears bleached 36. mod → intensely broken NB. lower contact uncertain as unit is entirely within a zone which includes .4m core loss (assumption is made that loss is in next unit). lower is gouged, IND. Upper is insipient gouge, also IND.
L	3103	3174		116	51A,6*	⇒ 369*. 5A6 mainly above 33.0m, 369* below. Above 33.3, rocks ext. broken, heavily gouged, below are mod broken → mod intact -gouges: To 1 30.5, IND upper & low; 1m rec; 30.1-32.0, IND upper & lower, internal gouge at ~45° to C.A. recov. good; 32.7-33.3, IND upper & lower though upper could, but isn't necessarily, but may be. (who knows?) 11 S ₂ . Remainder is not gouged, mod. broken → 35.6, intact below. Presumably this is part of maj fault from 24.4 to 33.3.

Lithologic Log

Date: Aug 24/82 Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	37.4	39.5		17	5B20	Last 1/2 is chloritic, maybe 5B80 Intact, all there
L	39.5	41.4		18	5A3	(OQ* calcitic) 90:10, most OQ* in upper .4 m, black, v. calc. phyllite w/ H. gray quartzose + carbonate bands intact, 100% recov
L	41.4	57.9		19	5B6*2	(OQ* calcitic + chlorite) most OQ* above 43.2 where it is 70% of core, appears to be two approx 11 S ₂ lenses. running down C.A. Dolomite occurs in gd. H. gray quartz-bearing bands Intact to 48.4, from 48.4-57.9 are v. broken to mod. broken, mod. gouge, sections of poor recovery gouges: 49.2-50.0, Upper IND as is lower, internal fabric suggests (though uncertainly) a possibly steep fault; 53.3-54.9 - no recovery ("mudseam"), insipient gouge 11 S ₂ below 54.9 but none recovered. Recovs.: 51.8-53.3 = 0.4 m; 53.3-54.9 = 0 m; 54.9-56.3 = 1.0 m; 56.3-57.9 = 0.3 m rubble & broken core (gauge? - not recov'd) From maj. gouge (noted) to EOJ, rocks are crackle bx'd and are healed by quartz & dolo
L	57.9	58.6		20	4E46	(464) Well-banded, massive baritic sulphides No bx seen, intact though split NB Lower is uncertain due to low recov. from 57.9-59.4 = 0.8 m. Recov. is assumed to be lost in next unit due to solidity of sulphides. Upper & lower against indeterminate rubble
L	58.6	59.5		21	5A19	(OQ* w/ pyrite & dolomite) 0.1 m recovery (see note above), rocks are broken
L	59.5	59.7		22	5C4*	entirely broken, rubble, contacts IND highly rich in FUCHITE

Lithologic Log

Date: Aug 24/82 Logged By: GAL/TDC

Code	From	To	Recov.	No.	Unit	Description
L	5.97	6.10		23	41C10	Low total sulphides, ~10% mainly Py. Broken, bx'd
L	6.10	8.01		24	51A*±	0 => (downwards) 5B6Z±* (OQx dol) 5A: mainly above 65.5m, v. broken, rubble, w zones of poor recov & IND gauge, local sphal in S ₂ veins w bx texture (65.3), clasts in bx are S ₂ foliated, ∞ appear to be late-stage injection 11S ₂ ; local sections close to 360 below 75m rocks range intact -> rubble, many zones of gauge & poor recov. gauges: (Main) 74.9-75.2, upper 11S ₂ , lower IND; (Lesser) at end of unit, near 64m & 66m - all IND. recovers: 61.0-62.5 = 0.1m; 62.5-64.0 = 0.8m; 64.0-65.5 = 0.8m; 73.2-74.7 = 0.7m; 74.7-76.2 = 1.1m; Undefined portions of unit (ie not already noted) have good recovery
L	8.01	9.14		25	51B,0±	*±8, locally ±2, rocks => 5B3 Unit is slightly rusty weathering med gray to lt gray v. calcareous phyllite Has good lithons, commonly cast greenish, esp below 88m, could be considered 5B80. Mod. broken, poor recovery, no significant gauge. Upper may be fault at 10° to C.A., but mostly drilled away. Minor gauge near 88.5, IND. 2 Small fault zones at 90.8 60° to C.A., and another at 90° to C.A. but are v. 'nuisance value' material. Rocks contain both calcite & dolomite, however calcite >>> dolomite, dolomite is only locally zoned ~0.5m long and restricted to above 87.0m. EOH.

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	42	10	14	16	20	22	26	28	30	32	34	36		40	42
P		16		20	22	26	28	30	32	34	36	40	42														
P		16		20	22	26	28	30	32	34	36	40	42														141A101
P		17		21	22	26	28	30	32	34	36	40	42														141A1314
P		19		23	22	26	28	30	32	34	36	40	42														141A1314
P		10		12	22	26	28	30	32	34	36	40	42														141A141 (4E4) 50/50
P		12		13	22	26	28	30	32	34	36	40	42														141E4
P		13		15	22	26	28	30	32	34	36	40	42														141E4
P		15		16	22	26	28	30	32	34	36	40	42														141E4
P		16		18	22	26	28	30	32	34	36	40	42														141A141 (4C0).2m (4D4).3m
P		18		19	22	26	28	30	32	34	36	40	42														141D131
P		19		20	22	26	28	30	32	34	36	40	42														141D1314
P		15		17	22	26	28	30	32	34	36	40	42														141E416

Metres

FAULT

DDH F.A.G.U.1.8.5 Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description	
							Dip	Direct.	Dip	Direct.	Dip	Direct.		
I	10	14	16	20	22	24	26	28	32	34	38	40	44	
F		10	11	15	NP1									no recovery
F		11	15	30	P1/G6									0.9m/1.5m, minor IND gouge
F				27	1/G									local IND gouge
F		30		45	B1									brken - good recovery
F				45	1/R									0.1m rubble
F		45		51	S2/B									sheared, mod. brken
F		61		74	X13/B									brn, sulphide frags in black rock flour matrix, at base fault 70° C.A. v. brken
F		61		74	R1/GP									local rubble, IND gouge @ 6.1m, moderate recovery
F		74		111	D2/B									extensive microbrn w/ silicate frags in sulphide matrix, mod. brken - no gouge
F				112	1/R									} rubble
F				115	7/R									
F				115	8/R									
F		115	2	115	9/D1									sulphides in sulphide brn
F		116	8	117	3/D1									microbrn w/ 10QO frags, no gouge
F		117	8	120	5/D1									white glass clasts in massive sulphide matrix
F		121	4	121	9/GR									gouge & rubble IND
F		124	4	125	9/P1	2								0.4m/1.5m
F		125	9	127	4/P1	4								0.6m/1.5m
F		127	4	129	0/P1	6								1.0m/1.6m
F		129	0	130	3/3/B									intensely brken
F		130	3	131	3/GRP									extensively brken, heavily gouged
F		131	3	131	5/GP1	5								0.1m/0.2m IND
F		131	1	132	0/G1									gouge IND, 45° C.A. recovery good
F		132	7	133	3/G1									IND
F		133	3	135	6/2/B									mod. brken
F		41	4	43	2/Q1				9,9	9,9	9,9			10Q w 70% core

both stop # 1152

Metres

FAULT

DDH FAGU 135 Cyprus Anvil Mining Corp.
2 8
Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F	484		579		G1BP								v. brken to mod. brken, mod. gouge, sections of poor recovery
F	1492		1500		G1								IND, steep fault suggested by internal fabric
F	1533		1549		N1P1								"mud seam" - no recovery
F	1518		1533		F1 2								0.4m/1.5m
F	1549		1563		P1BR7								brken core & rubble 1.0m/1.4m
F	1563		1579		P1BR1								0.3m/1.6m
F	1586		1595		P1B1 1								0.1m/0.9m brken
F	1595		1597		B1R1								brken & rubble
F	1597		1610		B1X1D								brken, bxiated
F	1610		1625		P1BR0								0.1m/1.5m
F	1625		1655		P1BR5								1.6m/3.0m
F	1732		1747		P1BR4								0.7m/1.5m
F	1747		1762		P1BR7								1.1m/1.5m
F	1749		1752		G1		9.9	9.9	9.9				gouge
F			1640		11G								minor gouge
F			1660		11G								minor gouge
F			1801		11G								minor gouge, 10° C.A.
			1885		11G								minor IND gouge
			1908		11G								minor IND gouge
													60° C.A. & 40° C.A.
	1801		1914		21BP								mod. brken, poor recovery

DIAMOND DRILL RECORD

LOGGED BY

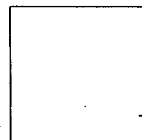
JIM PAXTON

D.D.H. No 76-U-185

PAGE 1

PROPERTY GRUM JOINT VENTURE
 LATITUDE 10,600.75 2N STARTED SEPTEMBER 8, 1976
 DEPARTURE 7,723.40 67W COMPLETED SEPTEMBER 9, 1976
 ELEVATION 1,175.36 PROPOSED DEPTH _____
 ULTIMATE DEPTH 91.4m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224° 29'	+1° 36'



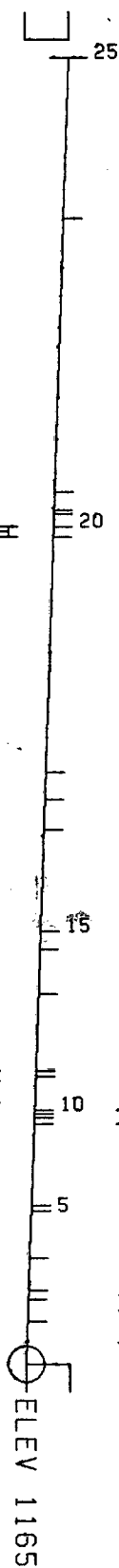
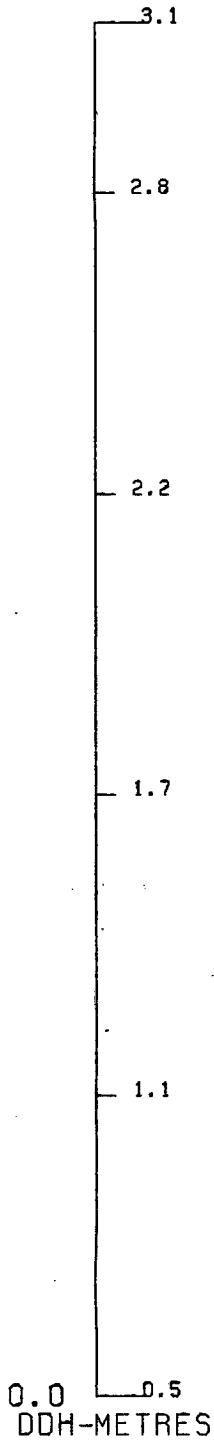
CLAIM No _____
 DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval		DESCRIPTION	Py PbZ	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
From	To					From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
0	1.5	CORE GROUND AT COLLAR.																
1.5	3.0	SERICITE PHYLITE (S). Soft, silvery, friable, gray sericite. F (?) = 0-20°.		0.7/1.5														
			15 5	1.3/1.5	B190	6.1	7.6	1.5	1.23	1.85	20.23							
3.0	5.5	BLEACHED QUARTZ SERICITE (Sb). Rec. 2.0/2.5 Flecks of green mariposite. Irregular bands of sulphides - trace?	50 15 50 20 70 20	1.3/1.5 1.6/1.6 1.5/1.5	B191 B192 B193	7.6 9.1 10.7	9.1 10.7 12.2	1.5 1.6 1.5	6.43 6.83 5.86	14.02 15.27 11.84	93.94 110.1 66.51				9.65 10.93 8.79	21.03 24.43 17.76	140.91 176.10 99.77	
			70 20	1.5/1.5	B194	12.2	13.7	1.5	7.81	15.99	84.69				11.72	23.99	127.04	
5.5	7.4	BRECCIA (MXg). Angular fragments of sulphide rock in a black graphitic groundmass.	70 20 70 30 70 30	1.5/1.5 1.6/1.6 1.5/1.5	B195 B196 B197	13.7 15.2 16.8	15.2 16.8 18.3	1.5 1.6 1.5	6.43 8.11 10.47	11.59 17.43 26.45	84.69 104.9 172.5				9.65 12.98 15.71	17.39 27.89 39.68	127.04 167.87 258.69	
			65 20	1.5/1.5	B198	18.3	19.8	1.5	6.23	17.52	90.86				9.35	26.28	136.29	
7.4	10.7	QUARTZ SULPHIDE (P). Bands of quartz-sericite in brown sphalerite-pyrite mixture at 20°.	65 20	0.7/0.7	B199	19.8	20.5	0.7	9.69	20.65	141.3				6.78	14.46	98.88	
					W.Av.	7.6	20.5	12.9	7.41	16.50	103.3				95.56	212.91	1332.6	



CYPRUS ANVIL MINING CORPORATION
 PROGRAM DH162 30 MAY 1984 1:36 PM

91.4 METRES



90616
 90615
 90614
 90613
 90612
 90611
 90610
 90609
 90608
 90607

— 580 '4\$ 48 42 LOCALLY -> 583

— 5A\$ '40-> (5B624\$) (100\$) 25:75:MINOR

400
 4E46/ 5A19/ 5C4*

90617

— 5B6\$ '2 (100# CHLOR) T.O.I.

— 5A3 '(100#) 90:10

— 5B20 '(5B80) E.O.I. 50:50

— 5A6* '-> (3G9*) E.O.I.

4L0 '-> 3G48 (100\$)

— 3G0 '49 GOUGE RUBBLE

— 3G4 '-> (4L0) (100\$) MINOR

4D4
 4D34 'BXA [4E41 BXA]

— 4D4 / 4C0 / 4D4

— 4E4 '& POROUS

— 4D4

— 4A34 'MICROBXA

— 4A0 '& BXA (4C0) T.O.I.

— 5D4* '[4L12 44 -> 4C5]

— 4C0

— 3G0

DDH: FAGU185 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)
 ELEV: 1165 . . 592422E.: 904811N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X_G = 443.6 Z = 1164.9
 SECTION NAME: 67M

DDH: FAGU185 -- 42 DEGREE PROFILE


(VIEW AZIMUTH = 312 DEGREES)

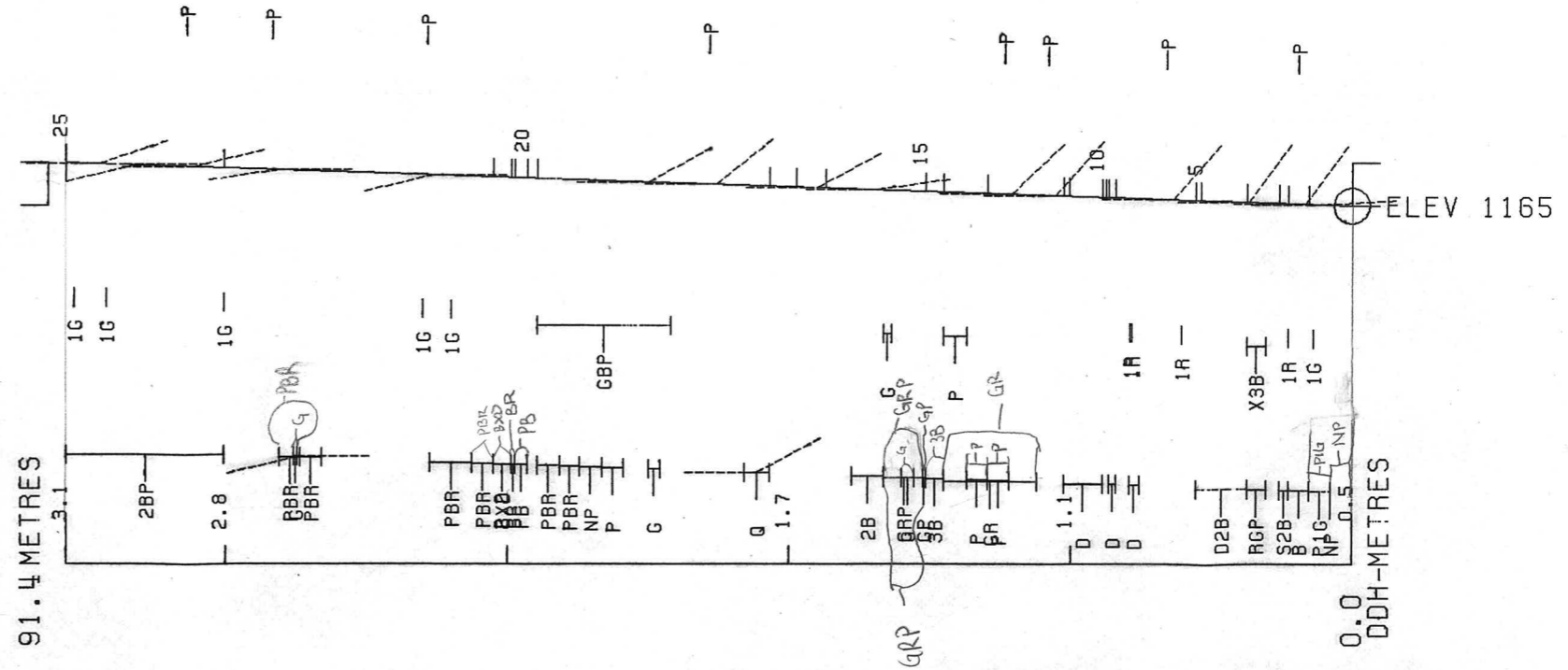
ELEV: 1165 592422E ; 904811N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 443.6 Z = 1164.9

SECTION NAME: 67W


 CYPRUS ANVIL MINING CORPORATION
 PROGRAM DH161 30 MAY 1984 1:37 PM



FAGU 187

DDH: FAGU187 UTM-N: 904,811.2 UTM-E: 592,422.1 UTM-ELEV: 1,164.2 TOTAL DEPTH: 91.4 SECTION: W 67
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		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 %
16.8	18.3	91374	1.5	1.4	4A0			.10	.70	4.10									
18.3	19.8	91375	1.5	1.3	4A13			.43	.78	15.10									
19.8	21.3	91376	1.5	1.3	4A13			1.48	2.85	20.20									
21.3	22.9	91377	1.6	1.6	4A13			3.05	3.55	40.50									
22.9	24.4	91378	1.5	1.5	4A13			1.23	1.33	17.10									
24.4	25.9	91379	1.5	1.4	4A13			1.10	1.48	15.10									
25.9	27.4	91380	1.5	1.4	4A13			1.93	1.85	20.20									
27.4	29.0	91381	1.6	1.6	4A13			.98	2.05	31.20									
29.0	30.5	91382	1.5	1.5	4A13			.60	1.33	8.20									
30.5	32.0	91383	1.5	.8	4A13			1.63	2.93	22.30									
32.0	33.5	91384	1.5	1.5	4A13			1.03	1.68	14.10									
33.5	35.1	91385	1.6	1.6	4A13			.33	1.25	9.90									
45.7	47.2	91386	1.5	1.5	4D3			.47	4.90	7.20									
47.2	48.8	91387	1.6	1.6	4C3			.05	1.33	5.10									
48.8	50.3	91388	1.5	1.5	4C3			.03	.93	5.10									
50.3	51.8	91389	1.5	1.3	4C3			.04	2.35	9.90									
51.8	53.3	91390	1.5	.5	4D3			.04	5.00	8.20									
53.3	54.9	91391	1.6	1.4	4C3			.10	2.13	8.90									
54.9	56.4	91392	1.5	1.5	4A0			.09	2.08	12.00									
56.4	57.9	91393	1.5	1.2	4C3			.13	1.95	11.00									
57.9	59.4	91394	1.5	.9	4C3			.28	1.80	8.90									
59.4	60.3	91395	.9	.9	4CE			1.95	3.98	42.50									

WEIGHTED AVERAGE

16.8	35.1	18.3	16.9	1.16	1.82	18.31
45.7	60.3	14.6	12.3	.24	2.57	10.55

DDH: FAGU187 UTM-N: 904,811.2 UTM-E: 592,422.1 UTM-ELEV: 1,164.2 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH ZENITH AZIMUTH

0.000 125.600 224.500

DDH: FAGU187 UTM-N: 904,811.2 UTM-E: 592,422.1 UTM-ELEV: 1,164.2 TOTAL DEPTH: 91.4 SECTION: W 67
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.2	0001	#		0.5-	1
5.8	0002	3G9	(10Q0) 95:05	0.5-	1
6.4	0003	3G9	-> (4L12 [400])	0.5-	1
7.1	0004	5D4*		0.5-	1
8.2	0005	4CC	(10Q3)	0.5-	1
9.0	0006	5D4*		0.5-	1
9.6	0007	4CC	-> (4C5) E.O.I.	0.5-	1
18.9	0008	4AC	-> 4A1	0.5-	1
46.0	0009	4A13		0.5-	1
55.0	0010	4C3	-> 4E1 BXA	0.5-	1
55.9	0011	4AC		0.5-	1
59.8	0012	4C3	-> 4E10 (4D3) BXA	0.5-	1
60.8	0013	4EC	BXA	0.5-	1
64.2	0014	5B6	82 [3G0 89] GCUGE	0.5-	1
74.6	0015	5B2	8C 8\$	0.5-	1
74.7	0016	5A0		0.5-	1
76.2	0017	5B80	82	0.5-	1
76.6	0018	5AC	SHEARED	0.5-	1
82.3	0019	5B0		0.5-	1
88.1	0020	5B80		0.5-	1
91.4	0021	5B0		0.5-	1

DDH: FAGU187 UTM-N: 904,011.2 UTM-E: 592,422.1 UTM-ELEV: 1,164.2 TOTAL DEPTH: 91.4 SECTION: W 67
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	S0 ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU187	0.0	2.6	CS2	0	0	50	C	1	1	1
FAGU187	0.0	8.6	PS2	0	0	15	C	1	1	1
FAGU187	0.0	12.3	CS2	0	0	28	C	1	1	1
FAGU187	0.0	22.0	CS2	0	0	33	C	1	1	1
FAGU187	0.0	30.0	CS2	0	0	1	C	1	1	1
FAGU187	0.0	34.7	CS2	0	0	1	C	1	1	1
FAGU187	0.0	40.6	CS2	0	0	15	C	1	1	1
FAGU187	0.0	45.5	PS1	0	20	0	C	1	0	0
FAGU187	0.0	67.0	CS2	0	0	5	C	1	1	1
FAGU187	0.0	70.0	CS2	0	0	0	C	1	1	1
FAGU187	0.0	75.8	CS2	0	0	10	C	1	1	1
FAGU187	0.0	80.5	CS2	0	0	10	C	1	1	1
FAGU187	0.0	86.5	CS2	0	0	5	C	1	1	1
FAGU187	0.0	90.0	CS2	0	0	5	C	1	1	1

DDH: FAGU187 UTM-N: 904,811.2 UTM-E: 592,422.1 UTM-ELEV: 1,164.2 TOTAL DEPTH: 91.4 SECTION: W 67
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGU187	0.1	2.2	NP				0	0	0	1
FAGU187	3.0	3.2	GR				0	0	0	1
FAGU187	12.5	16.4	XD				0	0	0	1
FAGU187	32.0	38.0	1XD				0	0	0	1
FAGU187	9.6	46.0	1B				0	0	0	1
FAGU187	46.0	49.5	2B				0	0	0	1
FAGU187	50.3	51.8	PB	6			0	0	0	1
FAGU187	51.8	53.3	PR	1			0	0	0	1
FAGU187	46.0	55.0	XD				0	0	0	1
FAGU187	53.3	55.0	R3B				0	0	0	1
FAGU187	55.0	55.9	R3B				0	0	0	1
FAGU187	55.9	59.8	XDB				0	0	0	1
FAGU187	57.9	59.8	P	4			0	0	0	1
FAGU187	59.8	60.8	XD				0	0	0	1
FAGU187	60.8	64.2	G				0	0	99 999	1
FAGU187	0.0	72.8	1G				0	0	0	1
FAGU187	0.0	74.6	1G				0	0	0	1
FAGU187	76.2	76.6	3S				0	0	0	1
FAGU187	79.0	79.2	1GB				0	0	0	1

22MAR84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 14

DDH: FAGU187 UTM-N: 904,811.2 UTM-E: 592,422.1 UTM-ELEV: 1,164.2 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU187 1 1

674

CYPRUS ANVIL MINING CORPORATION

Page 1 of 6

DIAMOND DRILL CORE LOG

Date: 26 Nov 82

Hole Number: FAGU 187

Reference Fabric Orientation Diagram:

Project: grum

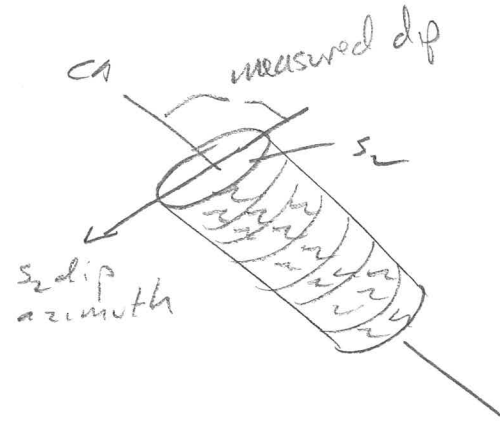
Location: _____

Claim: _____

Terr. Plane Co-ords.: 904811.2 N

592422.1 E

Grid Co-ords: _____



Conversion of R-A surveyed grid co-ords

All symmetry determinations looking

Elevation: 1164.2

_____ with _____ dipping

Total Depth: 91.4 m

_____ with dip azimuth _____.

Purpose: underground development

Reason hole Terminated: boredom?

Logged by: DSJ/OSJ/GAJ

Date(s) Logged: 18 Nov 82

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Code	From	To	Recov.	No.	Unit	Description						
L	10	14	16	20	22	24	26	28	30	34	35	
L		00		22				1	#			No recovery
L		22		58				2	399			(000) not splnd or stringered, no ssf. laws. med. gray w/ dk. gray bands 1152 3.0-3.2 = indeter. gouge & rubble, minor fault; 000 5.6-5.8m
L		58		64				3	399			⇒ 4L12 [400]; intact
L		64		71				4	514*			no fuchsite, intact
L		71		82				5	499			(00* dol); ≈ 10-15% py in well devel'd bands w/ text. ident. to 4A — probable protolith i.e. 400 ≡ bleached 4A0
L		82		90				6	514*			
L		90		96					499			⇒ 405 downhill c.f. #5 probably bleached 4A w/ gradational contact downhill into 4A0
L		96		189				7	4A0			good exhal. text., well banded, negligible base metals, ≈ 15% py; several bria sections 12.5-16.4m (micro-macro bria); unit ⇒ 4A1 "cherty"; v. blk, no gouge, rec. OK
L		189		460				8	4A1.3			25% py, several centimeter thick gty-py bands; "cherty" dk. gy. matrix mod. blk → intact, no gouge; exhal. textures; several brias 32.0-38.0m — not signif
L		460		550				9	4C3			⇒ 4E1; total sulfide 40-50% i.e. very sulfidic gty to silicious mass. sulfidic; mostly entirely pyrite, poorly layered, heavily microbriated w/ minor 4A0 clasts in brias, not 405; mod. blk to 49.5 then crumbly & blk, due to drilling & splitting; 50.3-51.8 = 1m. recy 51.8-53.3 = 0.2 m. rubble & weath'd. bria frags. 53.3-55.0 = microbria, weath'd & rusty, rubble & badly blk.
L		550		559				10	4A0			rubble & v. blk

Code	From	To	Recov.	No.	Unit	(4D3) Description
	10 14 16 20 22 24 26 28 30 34 35					
L	559	598		11	4E3	→ ductile flow of calcare ⇒ 4E10 barren, microcrated, mod. blen., poor recy last 1/2 of unit 57.9-59.9 = 0.8 m. recd.
L	598	608		12	4E9	microcrated, intact, low grade; sulf. in sulf. b. via
L	608	642		13	5B16	±2 [360±9] gouge; upper contact IND lower contact ~ 11 S ₂ @ 45° to c.a. but this not normal S ₂ dip ⇒ fault may X cut S ₂ on larger scale
L	642	746		14	5B2	±0 ± * dol.; not "marker"; rel. intact no gouge except @ 72.8 10 cm. IND gouge; numerous qtz dol. veinlets X cutting S ₂ poss. rel. to above fault
L	746	747		15	5A0	gougey @ upper contact
L	747	762		16	5B80	±2
L	762	766		17	5A0	abnorm. sheared c.f. Make Believe fault lower contact may be a fault cutting c.a. @ 45° w/ DD slickes — not major fault
L	766	8123		18	5B0	rel. intact; 79.0-79.2 minor gouge & blen. core
L	8123	881		19	5B80	slightly more greenish (chloritic) than above or below
L	881	914		20	5B0	as 18

ASSAY LOG (SAMPLER'S COPY)

Date 26 Nov 82

Sampled by K.A.

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
P	116	8	118	3	911374		15	14	4A10				Kerr Addison Assays
P	118	3	119	8	911375		15	13	4A13				(4A0)
P	119	8	121	3	911376		15	13	4A13				
P	121	3	122	9	911377		15	16	4A13				4
P	122	9	124	4	911378		15	15	4A13				
P	124	4	125	9	911379		15	14	4A13				
P	125	9	127	4	911380		15	14	4A13				
P	127	4	129	0	911381		15	16	4A13				
P	129	0	130	5	911382		15	15	4A13				
P	130	5	132	0	911383		15	10	4A13				
P	132	0	133	5	911384		15	15	4A13				
P	133	5	135	1	911385		16	16	4A13				
P	145	7	147	2	911386		15	15	4C3				→ 4E1
P	147	2	148	8	911387		16	16	4C3				→ 4E1
P	148	8	150	3	911388		15	15	4C3				→ 4E1
P	150	3	151	8	911389		15	13	4C3				→ 4E1
P	151	8	153	3	911390		15	10	4C3				→ 4E1
P	153	3	154	9	911391		16	14	4C3				→ 4E1
P	154	9	156	4	911392		15	15	4A0				(4C3)
P	156	4	157	9	911393		15	12	4C3				→ 4E1
P	157	9	159	4	911394		15	09	4C3				→ 4E1
P	159	4	160	3	911395		10	09	4C3				→ 4E1 4CE

Metres

FAULT

DDH FAGU 187
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description	
							Dip	Direct.	Dip	Direct.	Dip	Direct.		
I	10	14	16	20	22	24	26	28	32	34	38	40	44	
F		101		122	NIPI									NO recovery
F		130		132	GR									IND gauge & rubble
F		125		164	XID									micro-macro bria sections brken, no gauge
F		196		160	11B									mod. brken to intact
F		1320		1380	1XID									several bria.s.
F		1460		1550	XID									heavily microbriated w/ minor 4A0 clasts in bria
F		1460		1495	21B									mod. brken
F		1503		1518	P1B	6								1m/1.5m brken & crumbly
F		1518		1533	PR	1								rubble & weathered bria frags 0.2m/1.5m
F		1533		1550	R3B									rubbly & badly brken
F		1550		1559	R3B									rubbly & v. brken
F		1559		1598	XIDB									microbriated - tectonic & ductile flow, mod. brken
F		1579		1598	P	4								0.8m/1.9 m
F		1598		1608	XID									microbriated - sulph in sulph mat bria
F		1608		1642	G						9.9	9.9		gauge, upper IND, lower 11 S ₂ - 450 CA
F				1728	11G									10cm IND gauge
F				1746	11G									gauge
		1716	2	1716	6	35								abnormally sheared - cf. Mate Believe Fault
		1719	0	1719	2	1GB								minor gauge & brken core

Interval		DESCRIPTION	Pg	Plz	Recovery	Sample No	Interval		Sample Length	Assay					Assay x		
From	To						From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
		Part is o containing interbands of massive sulphide 3-5 cm	30	2	1.3/1.5	B304	19.8	21.3	1.5	1.48	2.85	20.23	✓		2.22	4.28	30.25
		32.1-33.0 Breccia PXP	40	2	1.5/1.5	B305	21.3	22.9	1.6	3.05	3.55	40.46	✓		4.28	5.68	64.74
		35.0- F ₁ = 20 F ₂ not visible	40	3	1.4/1.5	B306	22.9	24.4	1.5	1.23	1.33	17.14			2.56	ptzn	
		39.0 F ₁ = 20 F ₂ = 30 @ 50° to F ₁	40	3	1.4/1.5	B307	24.4	25.9	1.5	1.10	1.48	15.09			2.58	"	
		42.0 F ₁ = 30 F ₂ = 20	30	3	1.5/1.5	B308	25.9	27.4	1.5	1.93	1.85	20.23			2.78	"	
		Scattered Cpy throughout.	30	2	1.5/1.5	B309	27.4	29.0	1.6	0.48	2.05	31.20			3.03	"	
		Traces of magnetite locally	25	Tr	0.8/1.5	B310	29.0	30.5	1.5	0.60	1.33	8.23	✓				
			40	3	1.5/1.5	B311	30.5	32.0	1.5	1.63	2.43	22.29	✓				
51.0	55.9	Breccia MXM	30	2	1.6/1.6	B312	32.0	33.5	1.5	1.03	1.68	14.06	✓				
		Angular fragments of phyllite and sulphides in a sulphide ground mass	20	Tr	1.5/1.5	B313	33.5	35.1	1.6	0.33	1.25	9.44	✓				
			20	Tr	1.5/1.5		35.1	36.6	1.5								
			20	Tr	1.5/1.5		36.6	38.1	1.5								
			20	Tr	1.5/1.5		38.1	39.6	1.5								
			20	Tr	1.5/1.5		39.6	41.1	1.5								
55.9	64.2	Fault Gouge.	20	Tr	1.6/1.6		41.1	42.7	1.6								
		Dark grey. Plastic	30	Tr	1.5/1.5		42.7	44.2	1.5								
			30	Tr	1.5/1.5		44.2	45.7	1.5								
			40	2	1.5/1.5	B314	45.7	47.2	1.5	0.47	4.90	7.20	✓				
			40	2	1.6/1.6	B315	47.2	48.8	1.6	0.05	1.33	5.14			1.38	ptzn	
			40	2	1.5/1.5	B316	48.8	50.3	1.5	0.03	0.93	5.14			0.96		
			60	3	1.3/1.5	B317	50.3	51.8	1.5	0.04	2.35	9.44			2.39		

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DDH	SAMPLE	---DEPTHS---		INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PO+PY	ZN
		FROM	TO	M	%	UNIT		%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
	91374	16.8	18.3	1.5	93	4A0			.10	.70	4.1					.80		.88
FAGU187	91375	18.3	19.8	1.5	87	4A13			.43	.78	15.1					1.21		.64
	91376	19.8	21.3	1.5	87	4A13			1.48	2.85	20.2					4.33		.66
	91377	21.3	22.9	1.6	100	4A13			3.05	3.55	40.5					6.60		.54
	91378	22.9	24.4	1.5	100	4A13			1.23	1.33	17.1					2.56		.52
	91379	24.4	25.9	1.5	93	4A13			1.10	1.48	15.1					2.58		.57
	91380	25.9	27.4	1.5	93	4A13			1.93	1.85	20.2					3.78		.49
	91381	27.4	29.0	1.6	100	4A13			.98	2.05	31.2					3.03		.68
	91382	29.0	30.5	1.5	100	4A13			.60	1.33	8.2					1.93		.69
	91383	30.5	32.0	1.5	53	4A13			1.63	2.93	22.3					4.56		.64
	91384	32.0	33.5	1.5	100	4A13			1.03	1.68	14.1					2.71		.62
	91385	33.5	35.1	1.6	100	4A13			.33	1.25	9.9					1.58		.79
	91386	45.7	47.2	1.5	100	4D3			.47	4.90	7.2					5.37		.91
	91387	47.2	48.8	1.6	100	4C3			.05	1.33	5.1					1.38		.96
	91388	48.8	50.3	1.5	100	4C3			.03	.93	5.1					.96		.97
	91389	50.3	51.8	1.5	87	4C3			.04	2.35	9.9					2.39		.98
	91390	51.8	53.3	1.5	33	4D3			.04	5.00	8.2					5.04		.99
	91391	53.3	54.9	1.6	88	4C3			.10	2.13	8.9					2.23		.96
	91392	54.9	56.4	1.5	100	4A0			.09	2.08	12.0					2.17		.96
	91393	56.4	57.9	1.5	80	4C3			.13	1.95	11.0					2.08		.94
	91394	57.9	59.4	1.5	60	4C3			.28	1.80	8.9					2.08		.87
	91395	59.4	60.3	.9	100	4CE			1.95	3.98	42.5					5.93		.67

DDM	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							CPY	NORMATIVE MINERALS - VOLUME %					
			GA	SP	PO	PY	BAR	OTHER	GA		SP	PO	PY	BAR	OTHER	
FAGU187	91374	4A0	.12	1.04					98.84	*						
	91375	4A13	.50	1.16					98.34	*						
	91376	4A13	1.71	4.25					94.04	*						
	91377	4A13	3.52	5.29					91.19	*						
	91378	4A13	1.42	1.98					96.60	*						
	91379	4A13	1.27	2.21					96.52	*						
	91380	4A13	2.23	2.76					95.01	*						
	91381	4A13	1.13	3.06					95.81	*						
	91382	4A13	.69	1.98					97.32	*						
	91383	4A13	1.88	4.37					93.75	*						
	91384	4A13	1.19	2.50					96.31	*						
	91385	4A13	.38	1.86					97.76	*						
	91386	4D3	.54	7.30					92.15	*						
	91387	4C3	.06	1.98					97.96	*						
	91388	4C3	.03	1.39					98.58	*						
	91389	4C3	.05	3.50					96.45	*						
	91390	4D3	.05	7.45					92.50	*						
	91391	4C3	.12	3.18					96.71	*						
	91392	4A0	.10	3.10					96.80	*						
	91393	4C3	.15	2.91					96.94	*						
91394	4C3	.32	2.68					96.99	*							
91395	4CE	2.25	5.93					91.81	*							

DRILL HOLE : FAGU187
NORTHING : 904,811.2
EASTING : 592,422.1
ELEVATION : 1,164.2
TOTAL DEPTH : 91.4
SECTION : W 67
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

. DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 22
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 21
NOS DOWN-H-STRUCTURE: 14
NOS DOWN-H-FAULTS: 19
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU187 -- 42 DEGREE PROFILE

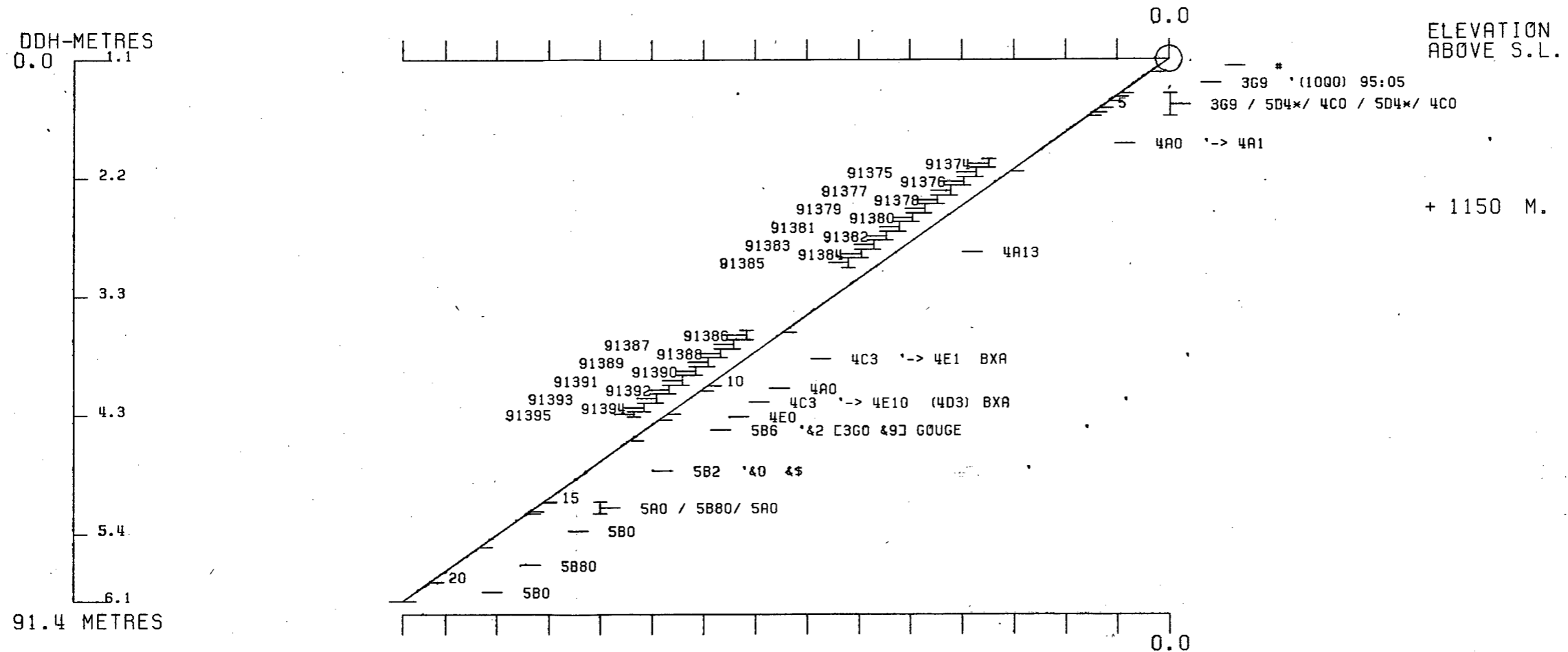
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1164 592422E ; 904811N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 443.8 Z = 1164.4

SECTION NAME: 67W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 30 MAY 1984 1:39 PM

DDH: FAGU187 -- 42 DEGREE PROFILE

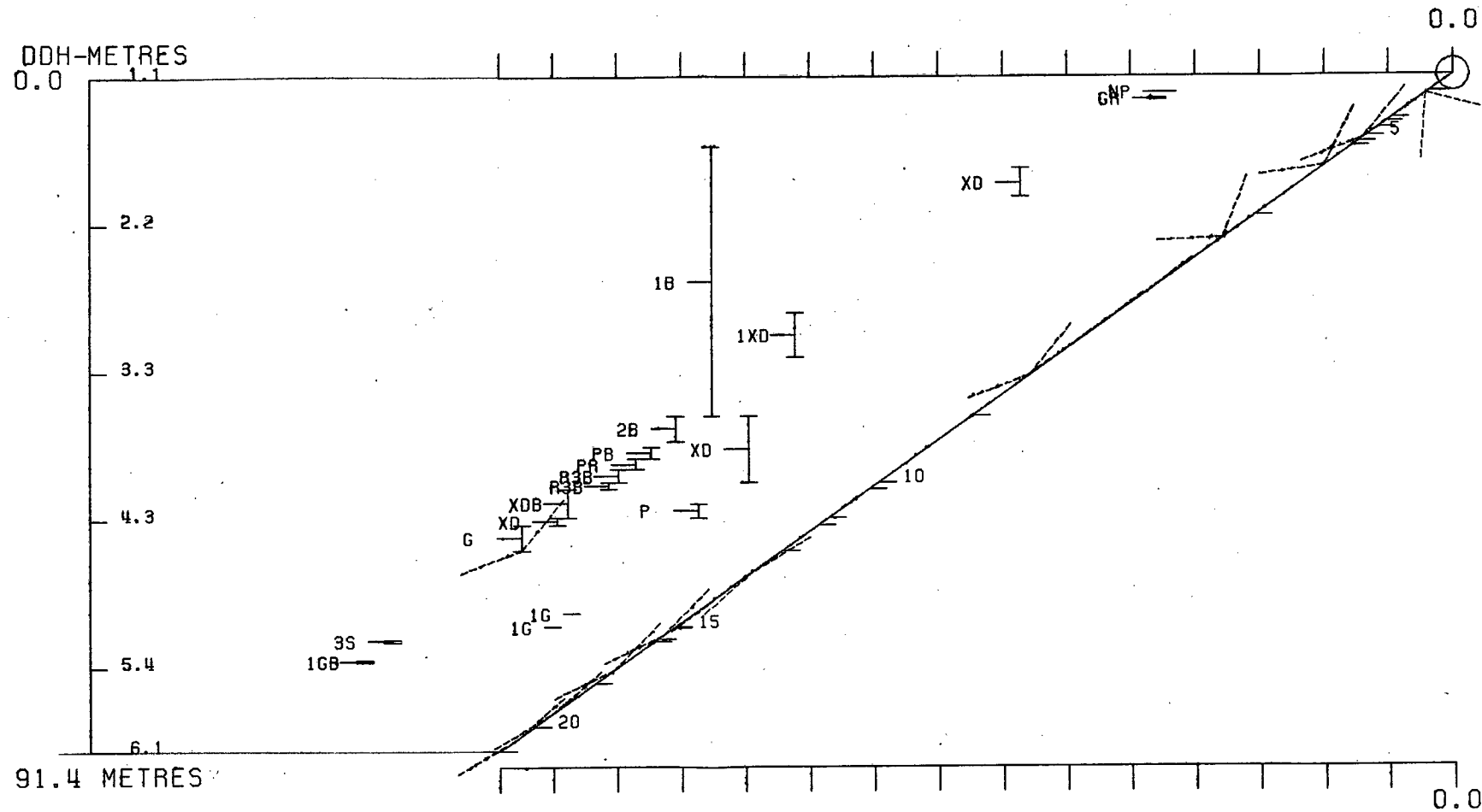
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1164 592422E ; 904811N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 443.8 Z = 1164.4

SECTION NAME: 67W



ELEVATION
ABOVE S.L.

+ 1150 M.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 30 MAY 1984 1:40 PM



DCH	SAMPLE	----DEPTHS----		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PC+PY %	ZN RATIO	
		FROM	TO																
FAGU189	9C683	56.4	58.4	2.0	90	4E4			2.65	5.40	32.2						8.05		.67
	9C684	58.4	60.4	2.0	65	4A10			1.18	3.40	21.3						4.58		.74
	9C685	60.4	61.0	.6	100	4E0			1.05	1.80	25.4						2.85		.63
	9C686	61.0	62.5	1.5	100	5D4\$.18	1.10	3.1						1.28		.86
	9C687	62.9	85.3	2.4	100	4E0			3.20	1.80	29.1						5.00		.36
	9C688	85.3	87.5	2.2	91	4E0			1.08	.85	16.1						1.93		.44
	9C689	87.5	88.4	.9	89	4E0			.55	.90	14.1						1.45		.62
	9C690	88.4	89.9	1.5	100	4E0			1.03	1.43	18.2						2.46		.58
	9C691	89.9	90.8	.9	78	4E0			1.25	1.23	17.1						2.48		.50
	9C692	90.8	93.0	2.2	86	4EC			1.85	2.15	27.4						4.00		.54
	9C693	93.0	93.9	.9	22	4C0			1.05	1.43	12.0						2.48		.58
	9C694	93.9	95.4	1.5	100	4C0			.40	.38	8.2						.78		.49
	9C695	95.4	96.3	.9	56	4CC			.53	.85	5.1						1.38		.62
	9C696	96.3	97.8	1.5	100	4C0			.55	.98	6.2						1.53		.64
	9C697	97.8	100.3	2.5	64	4C0			2.78	2.13	24.3						4.91		.43
	9C698	100.3	101.8	1.5	93	4D0			3.68	2.03	32.2						5.71		.36
	9C699	101.8	103.6	1.8	94	4C0			1.85	1.20	20.2						3.05		.39
	90700	103.6	105.2	1.6	100	4D0			2.48	2.63	29.1						5.11		.51
	9C701	105.2	106.7	1.5	100	4D0			4.45	4.95	67.5						9.40		.53
	90702	106.7	108.2	1.5	100	4C0			1.53	1.13	25.4						2.66		.42
9C703	108.2	109.7	1.5	100	4EC			1.03	.83	15.1						1.86		.45	
9C704	112.8	114.3	1.5	100	4C0			2.03	2.65	36.3						4.68		.57	

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GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							*	NORMATIVE MINERALS - VOLUME %						
			CPY	GA	SP	PO	PY	BAR	OTHER		CPY	GA	SP	PO	PY	BAR	OTHER
FAGU189	90683	4E4		3.06	8.05					88.89	*						
	90684	4A10		1.36	5.07					93.57	*						
	90685	4E0		1.21	2.68					96.10	*						
	90686	5D4\$.21	1.64					98.15	*						
	90687	4E0		3.70	2.68					93.62	*						
	90688	4E0		1.25	1.27					97.49	*						
	90689	4E0		.64	1.34					98.02	*						
	90690	4E0		1.19	2.13					96.68	*						
	90691	4E0		1.44	1.83					96.72	*						
	90692	4EC		2.14	3.21					94.66	*						
	90693	4C0		1.21	2.13					96.66	*						
	90694	4C0		.46	.57					98.97	*						
	90695	4C0		.61	1.27					98.12	*						
	90696	4C0		.64	1.46					97.90	*						
	90697	4C0		3.21	3.18					93.61	*						
	90698	4D0		4.25	3.03					92.72	*						
	90699	4C0		2.14	1.79					96.07	*						
	90700	4C0		2.86	3.92					93.22	*						
	90701	4D0		5.14	7.38					87.48	*						
	90702	4C0		1.77	1.68					96.55	*						
	90703	4EC		1.19	1.24					97.57	*						
	90704	4C0		2.34	3.95					93.70	*						

DRILL HOLE : FAGU189
NORTHING : 904,814.4
EASTING : 592,425.4
ELEVATION : 1,164.2
TOTAL DEPTH : 123.4
SECTION : W 67
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 22
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 33
NOS DOWN-H-STRUCTURE: 19
NOS DOWN-H-FAULTS: 21
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

22MAR84 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 9

DDH: FAGU189 UTM-N: 904,814.4 UTM-E: 592,425.4 UTM-ELEV: 1,164.2 TOTAL DEPTH: 123.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	133.900	51.500

DDH: FAGU189 UTM-N: 904,814.4 UTM-E: 592,425.4 UTM-ELEV: 1,164.2 TOTAL DEPTH: 123.4 SECTION: W 67
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.4	OC01	#		0.5-	1
15.8	OC02	3GC	8 STR.-V.MINOR(10Q0 88) 9C:10	0.5-	1
16.2	OC03	4L2	(10Q0 88) CRACKLE BXA	0.5-	1
20.5	OC04	5C45	(5D4*)(4C0) 65:10:25 ULTRA C03	0.5-	1
25.9	OC05	4CC	(4C5 -> 4A0)	0.5-	1
27.4	OC06	4A10	GCUGE (5D4) MINOR	0.5-	1
30.2	OC07	4A10		0.5-	1
36.3	OC03	4CC	87 (5D4* -> 4L2)(10Q0)70:25:05	0.5-	1
36.5	OC09	5C45		0.5-	1
39.2	OC10	4A0	81	0.5-	1
39.6	OC11	5D4*	(4C0) 60:40	0.5-	1
40.0	OC12	4A0	-> 5A19	0.5-	1
40.8	OC13	4CC	[4L2 84 81 LOCAL]	0.5-	1
42.7	OC14	5B62		0.5-	1
42.9	OC15	4CC		0.5-	1
44.8	OC16	5C45	(5D4a)	0.5-	1
56.4	OC17	4A10		0.5-	1
58.8	OC18	4E4	85	0.5-	1
60.3	OC19	4A10		0.5-	1
61.1	OC20	4EC		0.5-	1
62.5	OC21	5D45	(5A6) 90:10	0.5-	1
73.7	OC22	3GC	(5D4*) MINOR C.O.I.	0.5-	1
75.4	OC23	5D6	(3G4) (4C0 81)	0.5-	1
77.7	OC24	3G9		0.5-	1
78.6	OC25	4L2	(5D4*) (4C0) (3G4) 40:20:20:20	0.5-	1
81.3	OC26	5A16		0.5-	1
82.8	OC27	4A10	(5A19) T.O.I. 80:20	0.5-	1
92.3	OC28	4EC	88 88	0.5-	1
108.4	OC29	4CC	8* 88 (4C0) C.O.I.	0.5-	1
109.0	OC30	4EC	81	0.5-	1
113.8	OC31	4CC	88 (4E8 81) 85:15	0.5-	1
114.2	OC32	4G4	5	0.5-	1
123.4	OC33	4CC	(4E1) (4H0) 93:07:MINOR	0.5-	1

DDH: FAGU189 UTM-N: 904,814.4 UTM-E: 592,425.4 UTM-ELEV: 1,164.2 TOTAL DEPTH: 123.4 SECTION: W 67
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGU189	0.0	1.8	CS2			C		C	40	230	C		1	1	1
FAGU189	0.0	6.3	CS2			C		C	60	230	C		1	1	1
FAGU189	0.0	12.7	PS2	P		C		C	60	230	C		1	1	1
FAGU189	0.0	18.0	CS2			C		C	50	230	C		1	1	1
FAGU189	0.0	25.0	CS2			C		C	65	230	C		1	1	1
FAGU189	0.0	35.2	CS2			C		C	50	230	C		1	1	1
FAGU189	0.0	40.7	CS2			C		C	60	230	C		1	1	1
FAGU189	0.0	47.2	CS2			C		C	60	230	C		1	1	1
FAGU189	0.0	54.5	CS2			C		C	40	230	C		1	1	1
FAGU189	0.0	62.5	PS2	P		C		C	75	230	C		1	1	1
FAGU189	0.0	66.7	CS2			C		C	70	230	C		1	1	1
FAGU189	0.0	74.0	CS2			C		C	65	230	C		1	1	1
FAGU189	0.0	77.0	PS2	P		C		C	70	230	C		1	1	1
FAGU189	0.0	82.5	CS2			C		C	85	230	C		1	1	1
FAGU189	0.0	88.3	PS2	P		C		C	80	230	C		1	1	1
FAGU189	0.0	103.8	PS2	P		C		C	70	230	C		1	1	1
FAGU189	0.0	109.7	PS2	P		C		C	80	230	C		1	1	1
FAGU189	0.0	114.0	PS2	P		C		C	80	230	C		1	1	1
FAGU189	0.0	122.8	PS2	P		C		C	80	230	C		1	1	1

DDH: FAGU189 UTM-N: 904,814.4 UTM-E: 592,425.4 UTM-ELEV: 1,164.2 TOTAL DEPTH: 123.4 SECTION: W 67
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGU189	0.1	1.4	NP				0	0	C	C	0	0	1
FAGU189	1.5	3.0	P2B	4			0	0	C	C	0	0	1
FAGU189	4.8	5.0	G				99	999	C	C	0	0	1
FAGU189	1.4	15.8	2B				0	0	0	C	0	0	1
FAGU189	15.8	16.2	1XQ				0	0	C	C	0	0	1
FAGU189	0.0	16.2	1F				0	0	C	0	0	0	1
FAGU189	25.8	25.9	R				0	0	C	C	0	0	1
FAGU189	25.9	27.4	GBP	5			C	0	C	C	0	0	1
FAGU189	27.4	30.2	BRP	3			0	0	0	C	0	0	1
FAGU189	32.0	33.5	P	2			0	0	C	0	0	0	1
FAGU189	35.6	36.3	Q				C	0	C	C	0	0	1
FAGU189	56.4	58.8	X3B				0	0	0	C	0	0	1
FAGU189	56.4	59.4	P	5			0	0	C	C	0	0	1
FAGU189	0.0	61.8	1G				0	0	C	C	0	0	1
FAGU189	61.1	62.5	TR				C	0	0	C	0	0	1
FAGU189	0.0	78.6	1G				C	0	C	C	0	0	1
FAGU189	78.6	81.3	3B				0	0	C	C	0	0	1
FAGU189	83.8	87.3	2XD				0	0	C	C	0	0	1
FAGU189	82.8	92.3	XQB				0	0	0	C	0	0	1
FAGU189	92.3	93.9	RP	1			0	0	C	C	0	0	1
FAGU189	95.4	96.3	RBP	3			0	0	C	C	0	0	1

22MAR84 GRUM

DOWN-HOLE SPLINES (DHO20)

DDH: FAGU189 UTM-N: 904,314.4 UTM-E: 592,425.4 UTM-ELEV: 1,164.2 TOTAL DEPTH: 123.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND	INDICATOR
FAGU189	1		1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGU 189

Reference Fabric Orientation Diagram:

Project: GRUM

Location: 67W

Claim: _____

Terr. Plane Co-ords.: 904814.4 N

592425.4 E

Grid Co-ords: _____

Elevation: 1164.2

Total Depth: 123.4

Purpose: _____

Reason hole Terminated: _____

Logged by: DSJ - GAT

Date(s) Logged: AUG 82

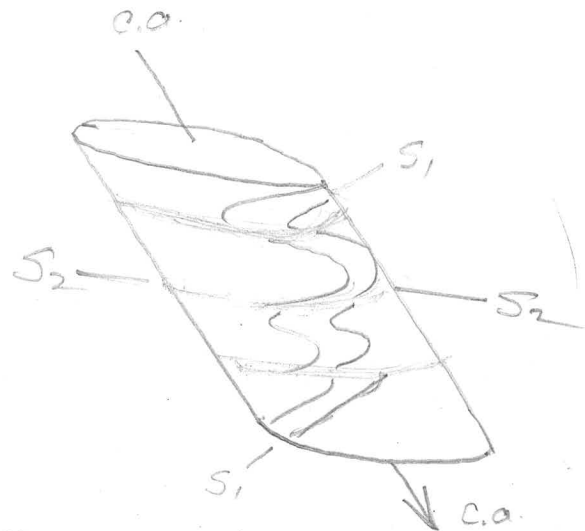
Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Conversion of K-A surveyed grid co-ords

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	14		1	#	shotcrete no recovery
L	14	158		2	3G0	± v. minor stringers (090 ± *dol) 10% as S ₁₁ lenses 0.1-0.4 m minor 3G4 @ 6.1-7.6 moderately broken - minor dolomite has silty quartzose layers - intact save for top of unit where 1.5-3.0 = 0.7m recov 4.8-5.0 = gouge U appears ^{artifact?} S ₁₁ lower is 1A11 stringers very rusty appear to be gtz pydolo and are v. minor
L	158	162		3	4L2	(090*) cracks brch w gtz dol healing over entire unit
L	162	205		4	5C4*	dolo (5D4* dolo or ank) (4C0) 65:10:25 4C as lt grey to cream units with good banding low S ₁₁ but ± 10% or less, Bha poor - textures look exhalative - some rx resemble 4A texture 4C0 at: 16.8-17.0 17.5-17.9 18.4-18.8 19.2-19.5 intercal begins and ends with pinkish tan 5D4* ank - upper contact appears to be a faulted and veined contact at ~30° to CA, lower contact S ₁₁ and sharp 5C has weak relief chl mottling and is fractive - all SC(1) v. heavily carbonated
L	205	259		5	4K0	(4C5 → 4A0) light grey to cream gtz. dec with strong S ₁₁ banding and sparse segregation locally Tot S ₁₁ ~ 25-4% py dominant

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						textures similar to 4A but rx have creme to greenish creme folia →
						4L overprint on 4A -
						From 21.3-21.4 have 4CS in gradational contact with 4C0 - one of best examples known of overprint by 4L on 4A
						intact but for rubble at FOI 25.8-25.9 overlying major gorge zone.
L	259	274		6	4A110	gorge and broken core minor SD4 gorge - major fault juxtaposing different lithologies. 0.8m recvy over interval, all IND
L	274	302		7	4A110	normal exhalative 4A text low tot 5% ~ 10% py dominant entire interval broken and rubby in no discrete gorge ~ 0.9m recovery over interval totally IND
L	302	363		8	4CP	±7(SD4* → 4L2) (OPD) 70-25.5 entire unit buff to creme colored cr prominently s = banded as above 4C bc text like 4A - SD4* interp on basis of color and texture since doesn't fizz in 20% HCl (aank?) and is pinkish beige has no fuchite. looks like strongly overprinted sequence of SD and 4A OPD in last 0.7m of interval main 4C is at 33.5-35.5 other internals elsewhere 32.0-33.5 = 0.4m recvy no gorge

Code	From	To	Recov.	No.	Unit	Description
L	564	588		18	4E4.4 ± 5	unit heavily broken and bktd, little bxa with buff dolo matrix - much of matrix seems to have broken to form rubble zones as 56.4-56.8, recovery bad 56.4-59.4 = 1.7 m recy.
L	588	603		19	4A11.0	ps ₂ foliated b/w S = tot 10% pyrasphal normal exhal text.
L	603	611		20	4E4.0	normal well banded has minor 1cm buff tan CO ₃ ²⁻ patches but not enough for 4K
L	611	625		21	SD4*	dolo (SAB) 90:10 entire unit mangled paker chippy and rubblely looks like carbonated tuffs with minor carbonaceous pelite interbands, minor 1m SAB gorge in center of interval not a major fault
L	625	737		22	360	weakly developed grt "siltstone" laminae - dull and grey boring phyllite - one SD4* band at 66.7 = 0.1m thick with 0.4m bleached interval surrounding it
L	737	754		23	SD6 (364) (4D0?)	probable intercrystal tuffs and sulfidic best developed at 74.2-75.0 - 364 as .3-.4 m borders to unit - tx to 360 up and down. 4D0 as 3-5cm = 4 m interval 74.2-75.0 may be veins 1/5
L	754	777		24	369	med dark grey homogeneous poorly developed gteous laminae
L	777	786		25	4L2 (SD4*) (364)	40:20:20:20 unit approaches 400 locally particularly at 78.0 where there is a 0.2m band.

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	363	365		9	SC4*	dol fuch upper contact = gtz vein lower is 11 S ₂ and gradational into 4A over 1cm.
L	365	392		10	4A0	±1 1 = both off white gtz S = bands and well developed black cherty "matrix" S _{tot} = 15% py dominant split but recovery good 2 2cm trff bands at 38.8'
L	392	396		11	SD4*	dolo or ank minor fuchite (4c0) 60:40 interval represents bleached exhalative and trff sequence. - textures of 4c0 like 4A
L	396	400		12	4A0	→ SA19 with 0.8m 4c0 bleached interval with diffuse U/L centered on 39.9
L	400	408		13	4c0	[4L2 ± 4 ± local] has diffuse U/L contacts - appears as bleached SA19 equivalent - textures look like surrounding units - good examples of 4L overprint
L	408	427		14	SB62	medium ^{dk} grey fairly homogeneously carbonaceous with weak gtz siltstone bands - no sulfides. unit intact
L	427	429		15	4c0	S _{tot} ≈ 15% - coarse cobble L 1/4 grey - on margin of SDK as probably bleached 4A
L	429	448		16	SC4*	dolo (SD4* ank) SD4* as 3cm to 10cm margins at U/L contacts - probably foliated fq margins - SC has relict mottled texture.
L	448	564		17	4A10	normal exhalative text 1 = black cherty "matrix" S _{tot} ≈ 10-15% py dom. split but probably intact

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						v contact drilled away L is IND with gauge.
L	78.6	81.3		26	SA116	unit ps ₂ foliated very siliceous, badly broken but good recov - several mm scale buff bands at 78.8 - unit locally less carbonaceous than SA 1e. a borderline unit.
L	81.3	82.8		27	4A10 (SA19)	SA19 in upper 0.3m OI grading down to 4A with good extnd. text with 1- black "chty matrix" tot S ⁼ 10-15 py ± Zns. lower contact is Bxta with 1cm S ₁₁ gauge (drilling artifact?) at contact
L	82.8	92.3		28	4ED	±8* ^{dot} unit poorly banded common crackled with dolo fracturing linings - much open space in crackle bxn. - no matrix in bxn - bxn best 83.8 - 87.3 - also local S ⁼ in S ⁼ bxn with 1-2cm & frags in framework support dolo + S ⁼ flour matrix th From TOI to 83.8 unit badly broken with at least 80% recovery, no gauge preserved
L	92.3	108.4		29	4ED	±*±8 very locally may approach 4D From 105.0 - 107.7 to be specific might make 4D, tot S ⁼ ≈ 50% - typical 4C banding with only local sphal rich bands, probable fault in rubble zone from TOI - 93.9 = 0.3 m recov 95.4 - 96.3 = 0.3 m recov = rubble and broken core no gauge

Lithologic Log

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28		
										some cream colored, 4L like, folia in lower portion of unit. (does this imply 4L overprint?)
L	1084		1090					30	4E0	± weakly banded (±1 for top 0.2m)
L	1090		1138					31	4C0	±8 (4E8±1) ← 111.3-112.0m tot S = 50-60% w lt grey gtz matrix
L	1138		1142					32	4E4	* v. weakly banded and uniformly dolomitic - no brn horizons top of overprinted cycle ??? intrusion?? contacts are wasted.
L	1142		1234					33	4C0	(4E1) cream to "grotty" grey, well banded good exhalative text - could be 4A13 overprinted by 4L - local 4E1 intervals from 116.6-117.1 and 117.5-117.6 4H at 119.8-119.9 interval intact with good recryst. local 4L like micaceous folia up to 3cm thick one 3cm thick SDX at 122.9

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	26	28	32	34	38	40	44						
S				18	CIS12						40	230	
S				63	CIS12						610		
S				127	1WDP						610		
S				180	CIS12						510		
S				250	CIS12						615		
S				352	CIS12						510		
S				407	CIS12						610		
S				472	CIS12						610		
S				545	CIS12						410		
S				625	1WDP						715		
S				667	CIS12						710		
S				740	CIS12						615		
S				770	1WDP						710		
S				825	CIS12						815		
S				883	1WDP						810		R band
S				1038	1WDP						710		R band
S				1097	1WDP						810		R band
S				1140	1WDP						810		R band
S				1228	1WDP						810		
													EOH 123.4

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	156	4	158	4	90683		120		118		14E10		4
P	158	4	160	4	90684		120		113		14A10		
P	160	4	161	0	90685		106		106		14E14		0
P	161	0	162	5	90686		115		115		15D14*		
P	182	9	185	3	90687		124		124		14E10		
P	185	3	187	5	90688		122		120		14E10		
P	187	5	188	4	90689		109		108		14E10		
P	188	4	189	9	90690		115		115		14E10		
P	189	9	190	8	90691		109		07		14E10		
P	190	8	193	0	90692		121		119		14E10		(400) 7m
P	193	0	193	9	90693		109		102		14C10		
P	193	9	195	4	90694		115		115		14C10		
P	195	4	196	3	90695		109		105		14C10		
P	196	3	197	8	90696		115		115		14C10		
P	197	8	110	10	3	90697		125	116		14C10		
P	110	10	120	18	8	90698		115	114		14E10		D
P	110	18	110	15	6	90699		118	117		14C10		
P	110	15	110	5	2	90700		116	116		14E10		D
P	110	5	110	6	7	90701		115	115		14E10		D
P	110	6	110	8	2	90702		115	115		14C10		
P	110	8	110	9	7	90703		115	115		14E10		
P	111	2	111	14	3	90704		115	115		14C10		(464) 4m.

Metres!

FAULT

DDH FAGU 189
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description	
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.		
	10	14	16	20	22	24	26	28	32	34	38	40	44	
F		10	11	14	NIP1									No recovery
F		11	15	13	P121B4									0.7m/1.5m mod. broken
F		14	18	15	G1		919	919						gauge upper 11S ₂ , lower IND
F		11	14	11	B2B									mod. broken
F		11	15	16	2	1X1Q								crackle bxa — gte-delta healing unit
F		11	16	16	2	11F1								faulted contact between 4L2 & 5D4 30° C.A.
F	12	15	18	12	15	9R1								rubble above fault zone
F	12	15	19	12	17	4	G1B1P5							major fault — gauge & broken core 0.8m/1.5m all IND
F	12	17	17	13	0	2	B1R1P3							all broken & rubble — no gauge 0.9m/2.8
F	13	12	12	13	13	5	P1	2						0.4m/1.5m — no gauge
F	13	15	16	13	16	3	Q1							0.7m gte vein
F	15	16	14	15	18	3	X131B							heavily broken & bxiated brittle bxa w/ buff delta matrix
F	15	16	14	15	19	4	P1	5						1.7m/3.0m — bad recovery, locally rubble
F	16	11	11	16	12	5	T1R1							mangled broken shippings & rubble
F		16	11	16	18	1	1G1							minor IND gauge — not major
F		17	18	17	18	6	1G1							contact between 4C & 5A ind. w/ gauge
F	17	18	16	18	11	3	31B1							badly broken, recovery OK
		18	12	18	12	3	X1Q1B							crackle bxa, dolomitic matrix, badly broken w/ at least 80% recovery, locally sulph. in sulph.
F	18	13	18	18	17	3	2X1D							heat bxa development
		19	12	19	13	9	R1P1	1						0.3m/1.6m rubble — probable fault

Interval		DESCRIPTION	Recovery	Sample NQ	Interval		Sample Length	Assay					Assay x					
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag			
62.5	72.2	Quartz Sericite Phyllite (S) Dark gray color, $F_2 = 80^\circ$																
72.2	73.7	Bleached Quartz Sericite Phyllite (Sb) Several bands of massive pyrrhotite with some sphalerite.																
					wt. A.	82.9	85.9	3.0	2.78	1.61	26.5	✓			0.33	4.03	79.61	
					MT. A.	85.3	88.4	3.1	1.79	Pt 2n								
					"	88.4	93.9	5.4	3.06	"								
					"	93.9	99.8	3.9	1.21	"								
73.7	77.7	Quartz Sericite Phyllite (S) Dark gray color $F_2 = 80^\circ$																
					"	97.8	105.2	7.4	2.67	1.99	35.98			-	19.77	14.75	192.23	
					"	97.8	105.2	5.8	2.72	1.82	25.1				15.80	12.57	145.61	
					"	103.6	106.7	3.1	3.44	3.75	47.72				10.65	11.64	147.93	
					"	108.2	112.8	4.6	1.02	Pt 2n								
77.7	78.6	Bleached Quartz Sericite Phyllite (Sb) Several bands of porous pyrite																
					"	114.3	123.4	9.1	0.41	"								
78.6	82.9 82.9	Quartz Graphite Phyllite (G) Black color. Traces of pyrite $F_2 = 85^\circ$. 10cm of breccia and gouge at contact																
82.9	91.0	Massive Sulphide (M) Locally brecciated (MXm) Much lost and ground core																
					Ry													
					Pb-Zn													
					80	10	2.1/2.4	B411	82.9	85.3	2.4	3.20	1.80	29.14	✓			
									(85.3	85.9	0.6)							
					80	10	2.0/2.2	B412	85.3	87.5	2.2	1.08	0.85	16.11		7.68	4.32	69.94
															0.65	0.57	7.67	
					80	10	0.8/0.9	B413	87.5	88.4	0.9	0.55	0.40	14.06		1.45	"	
					80	10	1.5/1.5	B414	88.4	89.9	1.5	1.03	1.43	18.17		2.46	"	

Interval		DESCRIPTION	%	P.L.	Recovery	Sample No	Interval		Sample Length	Assay					Assay x		
From	To						From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
97.0	114.1	Massive Sulphide (MB)	80	10	6.7/0.9	B415	87.9	90.8	0.9	1.25	1.23	17.14			2.48	ptzn	
		Massive sulphide with streaky boundary of chert, sphalerite and pyrite at 80° locally grades into bleached quartz sulphide	80	10	1.7/2.1	B416	90.8	93.0	2.1	1.85	2.15	27.43			4.00	"	
		Scattered blebs of magnetite	80	10	0.2/0.9	B417	93.0	93.9	0.9	1.05	1.43	12.00			2.48	"	
			80	10	1.5/1.5	B418	93.9	95.4	1.5	0.40	0.38	8.23			1.78	"	
			80	10	0.5/0.9	B419	95.4	96.3	0.9	0.53	0.35	5.14			1.38	"	
			70	10	1.5/1.5	B420	96.3	97.8	1.5	0.55	0.98	6.17			1.53	"	
114.1	123.4	Bleached Quartz Sulphide (PSb)	60	12	1.6/2.5	B421	97.8	100.3	2.5	2.78	2.13	24.34			6.95	5.33	60.25
		Pale grey siliceous phyllite with bands and streaks of sulphide up to 20 cm.	60	12	1.4/1.5	B422	100.3	101.8	1.5	3.68	2.03	32.23			5.52	3.05	28.35
		Banding and foliation at 85°	50	8	1.7/1.8	B423	101.8	103.6	1.8	1.85	1.20	20.23			3.33	2.16	56.41
		Scattered blebs of chalcopyrite	70	12	1.6/1.6	B424	103.6	105.2	1.6	2.48	2.63	29.14			3.97	4.21	46.62
			70	15	1.5/1.5	B425	105.2	106.7	1.5	4.45	4.95	67.54			6.68	7.43	101.31
			50	8	1.5/1.5	B426	106.7	108.2	1.5	1.53	1.13	25.37	✓				
			70	12	1.5/1.5	B427	108.2	109.7	1.5	1.03	0.83	15.09			1.86	ptzn	
			70	15	1.6/1.6	B428	109.7	111.3	1.6	0.30	0.33	9.44			0.63	"	
			60	8	1.5/1.5	B429	111.3	112.8	1.5	0.25	0.35	9.44			0.60	"	
			70	12	1.5/1.5	B430	112.8	114.3	1.5	2.03	2.65	36.34	✓				
			70	12	1.5/1.5	B431	114.3	115.8	1.5	0.38	0.45	7.20			0.83	"	
			30	6	1.5/1.5	B432	115.8	117.3	1.5	0.20	0.35	12.00			0.55	"	
			50	8	1.6/1.6	B433	117.3	118.9	1.6	0.10	0.20	5.14			0.30	"	
			30	6	1.5/1.5	B434	118.9	120.4	1.5	0.20	0.40	3.09			0.60	"	
			30	6	1.5/1.5	B435	120.4	121.9	1.5	0.05	0.05	1.03			0.10	"	
			30	6	1.5/1.5	B436	121.9	123.4	1.5	0.05	0.05	1.03			0.10	"	
		End of hole	70	12	1.5/1.5	B430	112.8	114.3	1.5	2.03	2.65	36.34	✓				

DDH: FAGU189 -- 42 DEGREE PROFILE

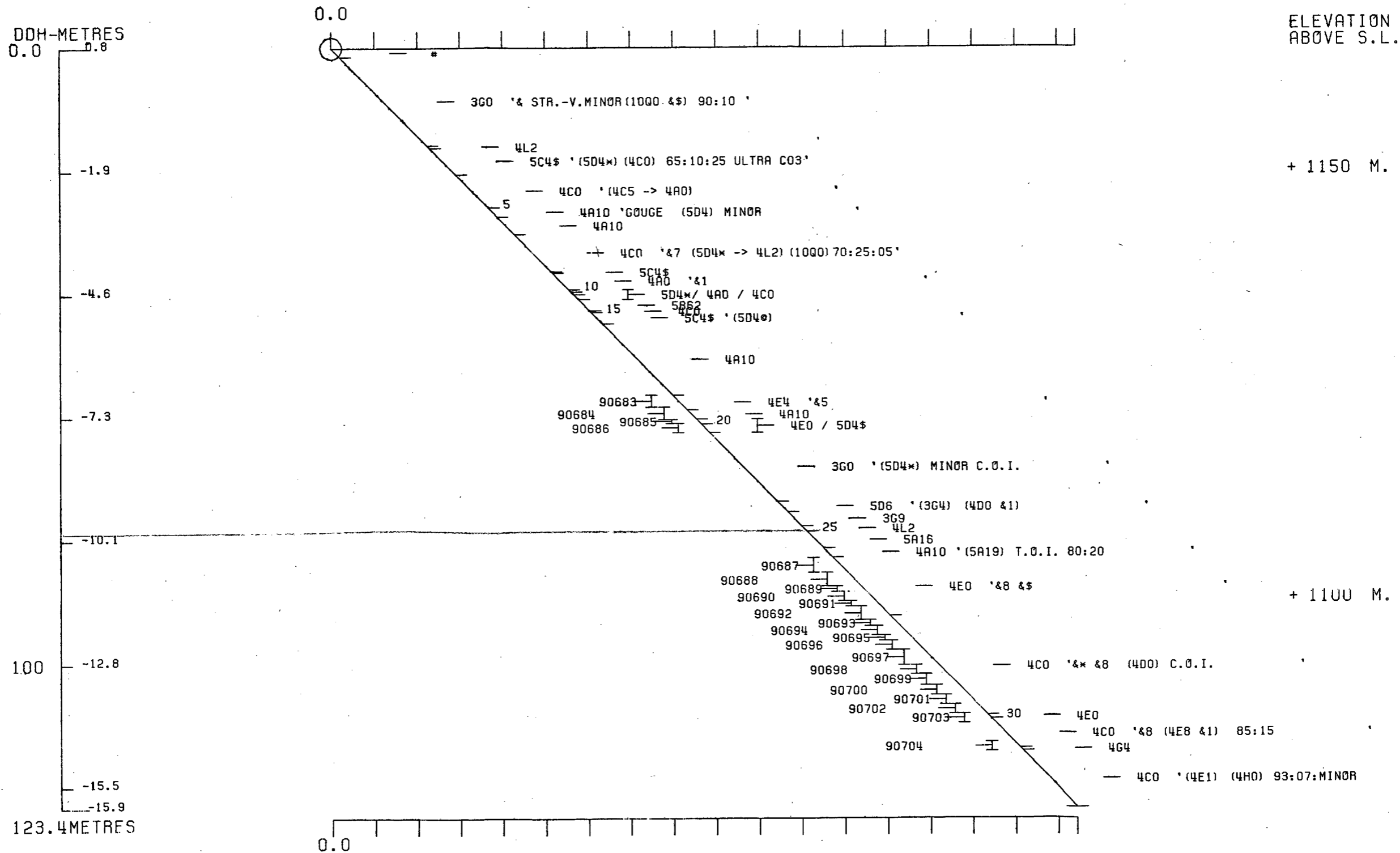
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1164 592425E ; 904814N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 448.4 Z = 1164.4

SECTION NAME: 67W



DDH: FAGU189 -- 42 DEGREE PROFILE

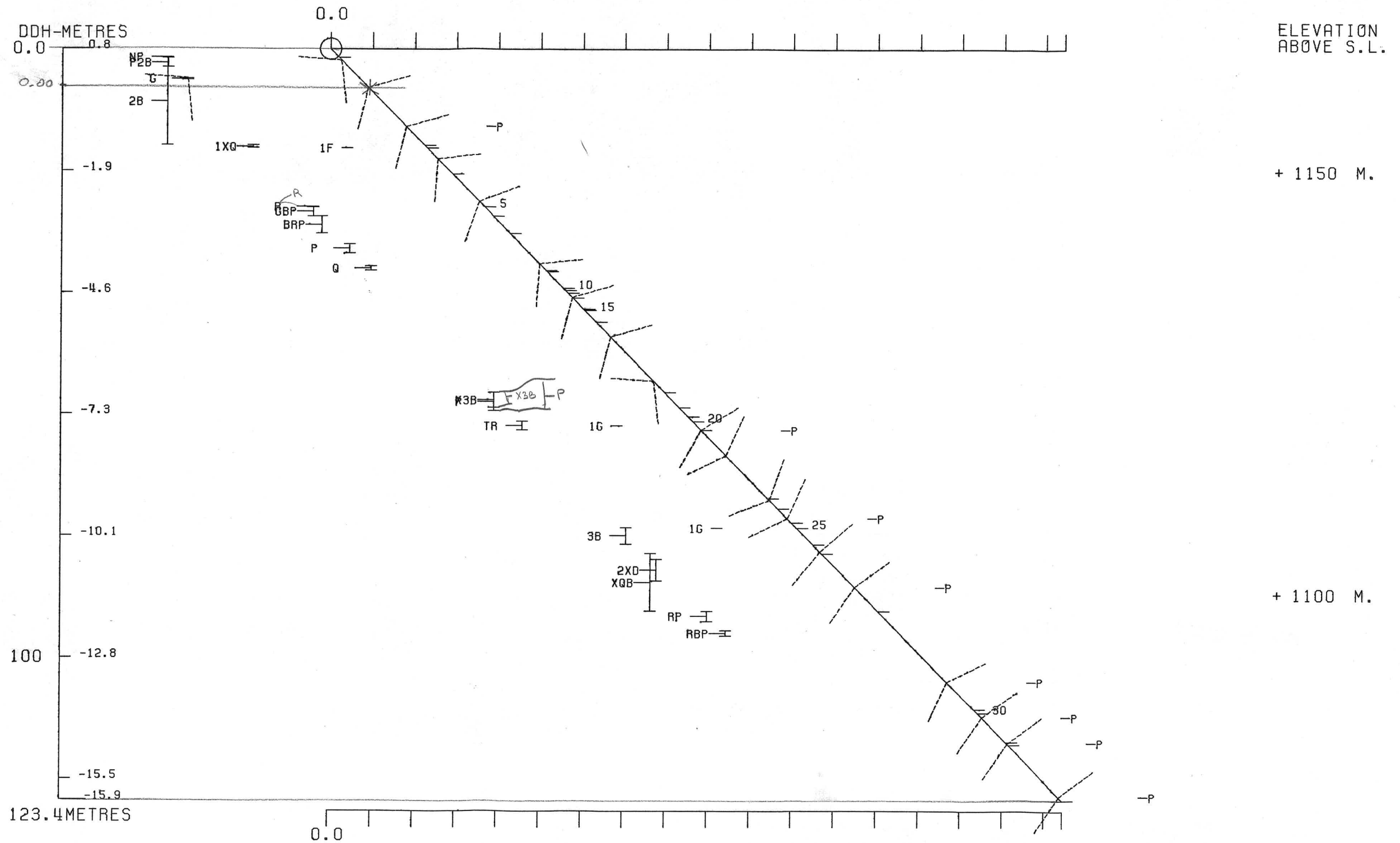
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1164 592425E ; 904814N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 448.4 Z = 1164.4

SECTION NAME: 67W



CYPRUS ANVIL MINING CORPORATION
 PROGRAM DH161 30 MAY 1984 1:45 PM



FAGU 191

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 17

ODH	SAMPLE	---DEPTHS---		INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PO+PY	ZN	
		FROM	TO	M	%	UNIT		%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO	
FAGU191	90618	6.1	9.1	3.0	77	4A13			.45	.80	9.9							1.25	.64
	90619	9.1	12.2	3.1	97	4A13			.60	1.30	25.4							1.90	.68
	90620	12.2	13.7	1.5	93	4A13			3.35	3.75	50.4							7.10	.53
	90621	13.7	15.2	1.5	100	4DE4			7.15	12.83	94.6							19.98	.64
	90622	15.2	16.8	1.6	100	4EA			5.00	9.60	83.7							14.60	.66
	90623	16.8	18.3	1.5	93	4E4			6.62	12.28	86.7							18.90	.65
	90624	18.3	19.8	1.5	73	4ED4			6.85	13.69	103.9							20.54	.67
	90625	19.8	21.3	1.5	73	4D45			8.96	14.71	126.2							23.67	.62
	90626	21.3	24.3	3.0	57	4DE4			6.95	12.53	109.0							19.48	.64
	90627	50.3	53.3	3.0	40	4E4			5.33	15.46	75.8							20.79	.74
	90628	53.3	56.4	3.1	35	4EC			4.40	13.20	67.5							17.60	.75
	90629	56.4	57.9	1.5	60	4E4			7.05	16.45	114.2							23.50	.70

DRILL HOLE : FAGU191
NORTHING : 904,812.5
EASTING : 592,423.8
ELEVATION : 1,168.3
TOTAL DEPTH : 61.0
SECTION : W 67
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CORE-SAMPLES: 12
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 29
NOS DOWN-H-STRUCTURE: 11
NOS DOWN-H-FAULTS: 23
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

28 MAR 84 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 17

DUH: FAGU191 UTM-N: 904,812.5 UTM-E: 592,423.8 UTM-ELEV: 1,168.3 TOTAL DEPTH: 61.0 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	1.500	256.400

DDH: FAGU191 UTM-N: 904,812.5 UTM-E: 592,423.8 UTM-ELEV: 1,168.3 TOTAL DEPTH: 61.0 SECTION: W 67
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.2	0001	504*	ULTRA C03	0.5-	1
1.5	0002	400	(504*)	0.5-	1
1.7	0003	4AC		0.5-	1
1.8	0004	400		0.5-	1
2.8	0005	504*	ULTRA C03(504*)(400)BOTH MINOR	0.5-	1
3.1	0006	400		0.5-	1
3.8	0007	504*	ULTRA C03	0.5-	1
4.8	0008	4AC	83	0.5-	1
6.1	0009	504*		0.5-	1
13.4	0010	4A13	(4A134) E.O.I.	0.5-	1
14.0	0011	4D45	2	0.5-	1
14.6	0012	4E4	8 PCROUS	0.5-	1
14.9	0013	4D45	2	0.5-	1
15.8	0014	4A13		0.5-	1
19.2	0015	4E4	PCROUS 8#	0.5-	1
22.4	0016	4D45		0.5-	1
23.3	0017	4E4		0.5-	1
25.9	0018	4L0		0.5-	1
27.4	0019	3G0	86 89 (10Q5)	0.5-	1
36.6	0020	400	(400)(10Q*)[4L124->3G4681WEAS]	0.5-	1
49.4	0021	3G0	3SPEC-MINOR(10Q0)MINOR GOUGE	0.5-	1
50.0	0022	4L0	(10Q0) (3G9) RUBBLE	0.5-	1
50.4	0023	4E4	BXA	0.5-	1
51.1	0024	4E4		0.5-	1
52.5	0025	4E1	RUBBLE	0.5-	1
54.9	0026	4E4	RUBBLE	0.5-	1
56.4	0027	400	(504*)(4A0) RUBBLE	0.5-	1
57.5	0028	4E4		0.5-	1
61.0	0029	5A6	(5A19) (10Q0)	0.5-	1

DDH: FAGU191 UTM-N: 904,812.5 UTM-E: 592,423.8 UTM-ELEV: 1,108.3 TOTAL DEPTH: 61.0 SECTION: W 67
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGU191	0.0	1.3	CS2		0	0	0	0	60	230	C		1	1	1
FAGU191	0.0	3.6	PS2	P	0	0	0	0	60	230	C		1	1	1
FAGU191	0.0	6.6	PS2	P	0	0	0	0	80	230	C		1	1	1
FAGU191	0.0	11.8	PS2	P	0	0	0	0	70	230	C		1	1	1
FAGU191	0.0	14.9	PS2	P	0	0	0	0	75	230	C		1	1	1
FAGU191	0.0	22.7	PS2	P	0	0	0	0	75	230	C		1	1	1
FAGU191	0.0	27.2	PS2	P	0	0	0	0	40	230	C		1	1	1
FAGU191	0.0	39.0	CS2		0	0	0	0	60	230	C		1	1	1
FAGU191	0.0	42.2	PS2	P	0	0	0	0	65	230	C		1	1	1
FAGU191	0.0	48.8	CS2		0	0	0	0	60	230	C		1	1	1
FAGU191	0.0	57.0	PS2	P	0	0	0	0	40	230	C		1	1	1

DDH: FAGU191 UTM-N: 904,812.5 UTM-E: 592,423.8 UTM-ELEV: 1,168.3 TOTAL DEPTH: 61.0 SECTION: W 67
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGU191	0.1	1.2	P		4		0	0	0	0	1		
FAGU191	3.2	4.6	XQG				0	0	C	C	0	0	1
FAGU191	16.3	16.8	XD				0	0	C	C	0	0	1
FAGU191	15.8	19.2	1XD				0	0	C	C	0	0	1
FAGU191	19.2	22.4	3BR				0	0	0	0	0	0	1
FAGU191	21.3	22.4	P		0		0	0	C	C	0	0	1
FAGU191	22.9	23.3	3B				0	0	C	C	0	0	1
FAGU191	23.3	25.9	3BP		1		0	0	0	C	0	0	1
FAGU191	25.9	27.4	3BP		3		0	0	0	C	0	0	1
FAGU191	27.4	36.6	P3B		3		C	0	C	C	0	0	1
FAGU191	36.6	40.6	3B				0	0	0	C	0	0	1
FAGU191	41.1	41.7	G				C	0	C	0	0	0	1
FAGU191	36.6	49.4	3BP				0	0	C	C	0	0	1
FAGU191	43.2	49.4	RGB				99	999	20	C	0	0	1
FAGU191	49.4	50.0	3R				0	0	C	C	0	0	1
FAGU191	50.0	50.4	XDP				0	0	C	C	0	0	1
FAGU191	50.4	51.1	P		2		C	0	0	C	0	0	1
FAGU191	51.1	52.5	PR		4		0	0	C	C	0	0	1
FAGU191	52.5	54.9	BRP		3		0	0	C	C	0	0	1
FAGU191	54.9	56.4	R				0	0	0	C	0	0	1
FAGU191	56.4	57.5	1XD				0	0	C	C	0	0	1
FAGU191	57.5	61.0	BRP		1		0	0	0	C	0	0	1
FAGU191	43.2	61.0	F				C	0	0	C	0	0	1

28MARB84 GRUM

DOWN-HOLE SPLINES (DHQ20)

PAGE: 21

DDH: FAGU191 UTM-N: 904,012.5 UTM-E: 592,423.8 UTM-ELEV: 1,168.3 TOTAL DEPTH: 61.0 SECTION: W 67
RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU191 1 1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 13:49:27

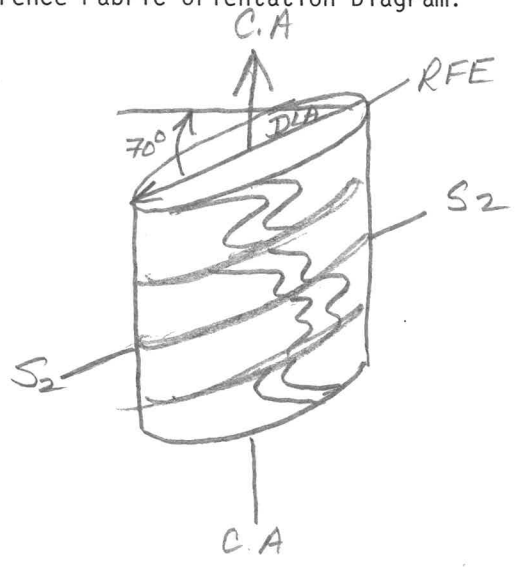
CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 7
Date: _____

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

Hole Number: FAG 11 191
Project: GRUM
Location: 67W
Claim: _____
Terr. Plane Co-ords.: 904812.5 N
592423.8 E
Grid Co-ords: _____

Reference Fabric Orientation Diagram:



All symmetry determinations looking

Elevation: 1168.3
Total Depth: 61.0 m
Purpose: _____
Reason hole Terminated: _____

NW with S2 dipping
SW with dip azimuth 230.

Logged by: DSJ/GAJ
Drilling Contractor: _____
Hole Cemented: _____
Steel down hole: _____

Date(s) Logged: 23 Aug 82
Size CORE From _____ To _____ Collar Cased and Capped: _____
Started: _____ Completed: _____

Lithologic Log

Date: 23 Aug 82 Logged By: DSJ/GAS

Code	From	To	Recov.	No.	Unit	Description						
L	10	14	16	20	22	24	26	28	30	34	35	
L	10	12		1	SC4*	(concrete) 0.5m revy heavily carbonated. "Fuchite" rich						
L	12	15		2	4CO ₁	(SO4*) well banded normal "bleached" margin 4A protolith? 3cm SC4* at center						
L	15	17		3	4AP ₁	normal.						
L	17	18		4	4CP ₁	"bleached" margin to ↓						
L	18	28		5	SC4*	heavily CO ₂ fd "Fuchite" rich minor SO4* and 4CO to 2.2m						
L	28	31		6	4CO ₁	as units 2 & 4						
L	31	38		7	SE4*	as units 5 and 1						
L	38	48			4AP ₁	±3 TOI - 4.6 is brittle btd → crackle btd incip S ₂ ll gouge, 4.6-4.8 is intact, 5cm bleached 4C Dival at base						
L	48	61		8	SC4*							
L	61	134		9	4A13	1 = both "white" silica + py bands and black chty gteite normal - excellent 4A textures. From TOI to 6.2 is 4CO bleached margin - unit intact, no gouge. - last 1m very py rich						
L	134	140		10	4D4S	v high grade mini brecciated - S ₂ ll near massive S ⁼ bands within bands and wisps of carbonaceous gteite						
L	140	146		11	4E4 ₁	± porous at TOI and EOT						
L	146	149		12	4D4S	as unit 10 but lower grade and more gte.						
L	149	158		13	4A13	as unit 9 except 1 = only black "cherty" gteite						
L	158	192		14	4E4 ₁	intermittent brn strongly banded very high grade - mainly porous with some porous zones bearing calcite 16.3-16.8 = S ⁼ in S ⁼ brn.						
L	192	224		15	4D4H	as above - very high grade - heavily broken w. rubble at TOI & EOT major cone loss 21.3-22.4 = 1m lost. Fault?? good exhal text						

Code	From	To	Recov.	No.	Unit	Description
L	10 14 16 20 22 24 26 28 30 34 35	22 3		16	4E4	broken v. high grade in last 1/2 of different folia/banding attitudes in different core fragments.
L	23 3	25 9		17	4L0	strongly broken 2.3 m recvy. ground core = m. slate hor fault??
L	25 9	27 4		18	3G0	±6±9 (00* dolo) intensely broken, ground core, 0.5 m recvy. tx to 3G96 at base. G = py + sphal in thin s ₂ foliaform ^{bt 2000} bands reminiscent of SA19.
L	27 4	36 6		19	4CP	(400)(00*) heavily broken thru out no gauge recvd., 3.2 m recovery over interval. Inspection of core, just briefly, shows variable silicification and possibility [4L124 → 3G46±1] classic weasel rock - does not have good exhalative text =? wall rx.
L	36 6	49 4		20	3G0	± minor speckled (000) minor (gauge) lots. unit entirely broken top 4 m relatively intact remainder of unit is completely broken. major gauge zones at: 41.1-41.7 = IND gauge 43.2 - EOI = rubble gauge and broken core - suspect major fault centered at 44.2 upper contact appears s ₂ ll but below that have interval fault at 20°/1000 - uncertain whether shallow or steep fault
L	49 4	50 0		21	4L0	(000)(3G9) rubble only
L	50 0	50 4		22	4EH	S ² in S ² box EOI uncertain due to wretched core recvy
L	50 4	51 1		23	4E44	super grade. EOI approx due to poor recvy
L	51 1	52 5		24	4E1	rubble. contacts uncertain poor recvy
L	52 5	54 9		25	4E4	broken rubble poor recvy weak banding no bxa

Lithologic Log

Date: _____ Logged By: _____

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
											50.3 - 51.8 = 0.4m recvy
											51.8 - 53.3 = 0.7m "
											53.3 - 54.9 = 0.5m
L	549		564					26		HCP	(5D4*)(4A0) rubble
L	564		575					27		YEH	well banded partly bxted commonly ground core,
											units 27 and 25 may have some BaSO4
L	575		610					28		SAB	(SA19)(090) unit broken and rubble thruout, ~0.5m recvy.
											from 43.3 to E0H is at least one major fault centered on 42m and may be other faults in the poor recvy zone below this

FAULT

DDH FAGU19.1
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

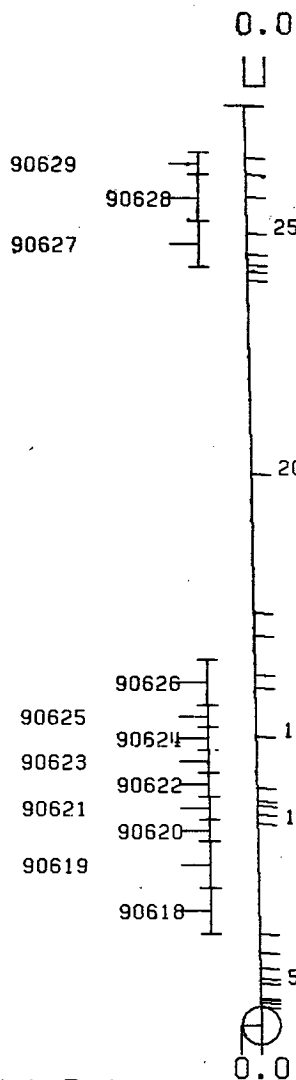
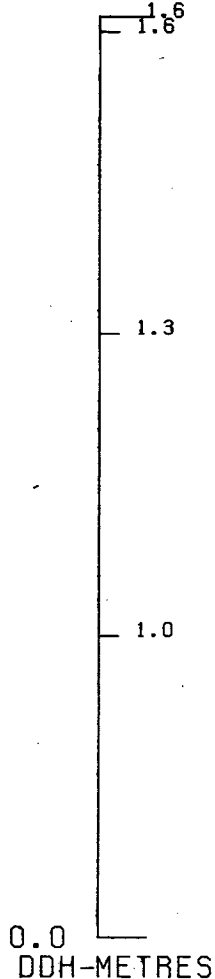
Date: _____ Logged By: _____

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F	101	112	112	202	P1	4							0.5m/1.2m recovery
F	138	146	146	208	XIQG								crackle bxa, incipient S ₂ // gauge
F	158	192	192	210	1XD								intermittent bxiations
F	163	168	168	210	XID								sulphide in sulphide bxi
F	192	224	224	210	3BR								heavily broken w/ rubble @ TOI, EOI
F	211	224	224	210	P1	0							1m. core lost 0.1m/1.1m
F	229	233	233	210	3B1								very broken
F	233	259	259	210	3B1P1								0.3m/2.6m, very broken ground core
F	259	274	274	210	3B1P3								intensely broken, ground core 0.5m/1.5m recovery
F	274	366	366	210	P3B3								heavily broken - no gauge 3.2m/9.2m recovery
F	366	406	406	210	3B1								heavily broken, recovery OK
F	366	494	494	210	3B1P								heavily broken & other problems
F	411	411	411	210	7G								IND gauge
F	432	494	494	210	RIGB		919	0100	20	0100			rubble gauge & broken core - suspect fault centred @ 44.2
F	494	500	500	210	3R								rubble only
F	500	504	504	210	XIDIP								sulph in sulph bxa - wretched recovery
F	504	511	511	210	P1	2							poor recovery
F	511	525	525	210	PR	4							rubble / poor recovery
F	525	549	549	210	BRP3								broken rubble, poor recovery
F	549	564	564	210	R1								rubble
F	564	575	575	210	1XD								partly bxiated, ground core
F	575	610	610	210	BRP1								broken & rubble 0.5/3.5m
F	432	610	610	210	F1								at least 1 fault & maybe more

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		24.3: Abrupt change to Bleached Sericite Phyllite (Sb).															
		Contact broken ground.															
24.3	25.9	BLEACHED SERICITE PHYLLITE (Sb). Broken ground. Poor recovery. Silvery white sericite flakes/white clay (Kaolin?)	0.4		24.3	25.9	1.6										
		25.9: Abrupt change to Sericite Phyllite (S). Contact broken ground.															
25.9	50.3	SERICITE PHYLLITE (S). Blocky core ranging from flakes to 3cm. long. Foliation F = 65-70°; F = 0-5° (change in foliation prominent in 38.2-39m).	20.1		25.9	50.3	24.4										
		44.0-44.6: FAULT. Gray thick gouge with phyllite fragments.															
		45.7-50.3: Pebbly core. No gouge. Sheared.															
		50.3: Abrupt change to Massive sulfide (M). Contact broken ground.															
50.3	57.9	MASSIVE SULFIDE (M) W/BANDED AND BRECCIA VARIETIES (MB + MXs). Compositional banding = 50-55°.	50 8 50 8	1.2 1.1	B448 B449	50.3 53.3	53.3 56.4	3.0 3.1	5.33 4.40	15.46 13.20	75.77 67.54			15.99 13.64	46.38 40.92	227.31 209.37	
		51.6-52; 55-56: Intercalated Bleached Sericite Phyllite (Sb). Contacts abrupt broken ground.	60 10	0.9	B450	56.4	57.9	1.5	7.05	16.45	114.2			10.58	24.68	171.26	
		57.9: Abrupt change to Graphitic Phyllite (G). Contact broken ground.			W.Av.	50.3	57.9	7.6	5.29	14.73	79.99			40.21	111.98	607.94	



61.0 METRES



- 5A6 *(5A19) (1000)
- 4E4
- 4C0 *(504*) (4A0) RUBBLE
- 4E4 *RUBBLE
- 4E1 *RUBBLE
- 4L0 / 4E4 / 4E4
- 3G0 *4SPEC-MINOR (1000) MINOR GOUGE
- 4C0+ *(900) (100*) [4L124->3G46&1WEASJ] 1200 M.
- 3G0 *46 49 (100\$)
- 4L0
- 4E4
- 4D45
- 4E4 *POROUS &#
- 4D45/ 4E4 / 4D45/ 4A13
- 4A13 *(4A134) E.O.I.
- 5C4*
- 4C0 ELEVATION / 5C4*/ 4C0 / 5C4*/ 4A0
- 5C4 ABOVE SOIL.

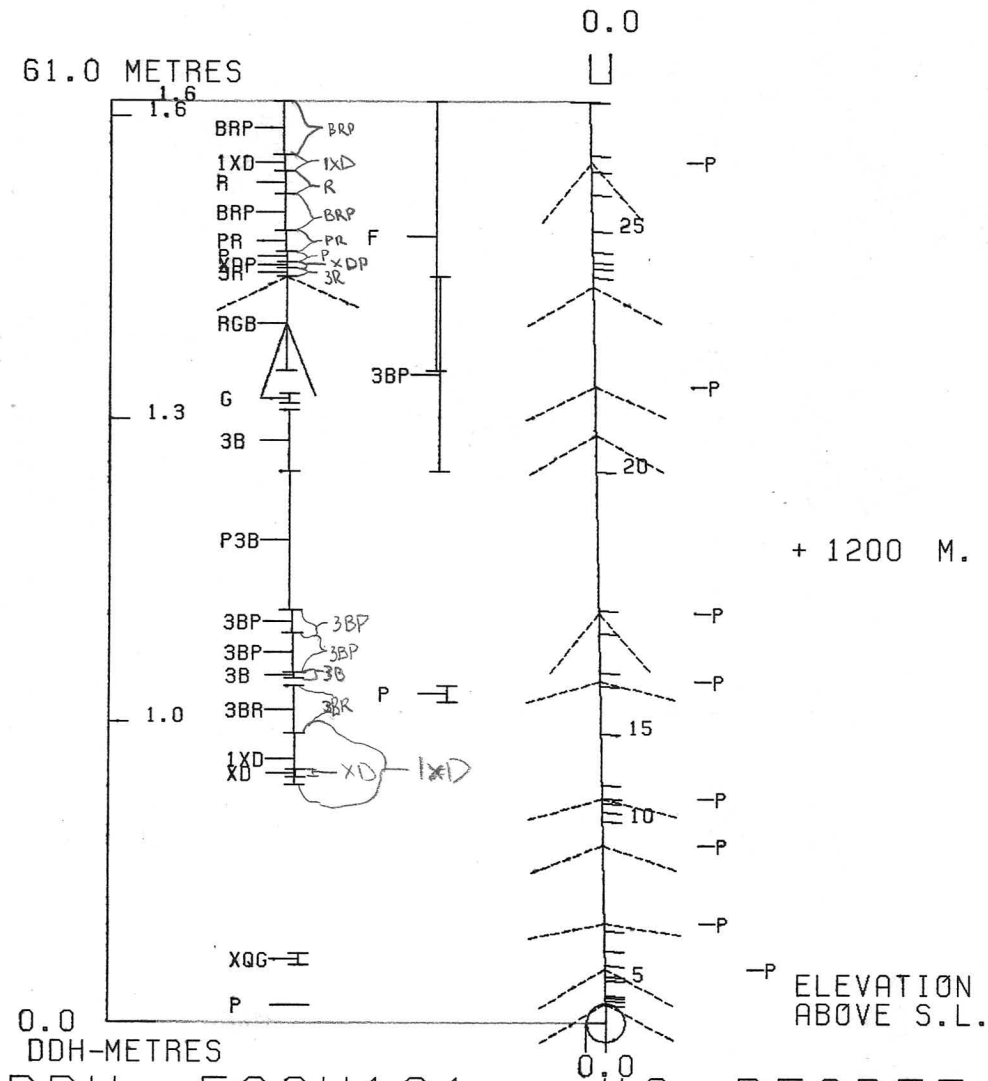
DDH: FAGU191 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)

ELEV:1168 592424E ; 904813N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 445.9 Z = 1168.4

SECTION NAME: 67W



DDH: FAGU191 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1168 592424E ; 904813N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 445.9 Z = 1168.4

SECTION NAME: 67W