

Grum

Re-Logs

Sec. 70W

2 of 3

014996

DRILL HOLE : FAGA240
NORTHING : 904,931.7
EASTING : 592,408.7
ELEVATION : 1,289.5
TOTAL DEPTH : 111.3
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
CHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 25
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 20
NOS DOWN-H-STRUCTURE: 12
NOS DOWN-H-FAULTS: 24
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

UDH: FAGA240 UTM-N: 904,931.7 UTM-E: 592,408.7 UTM-ELEV: 1,289.5 TOTAL DEPTH: 111.3 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE FROM TO	INT. NO.	REC.	ROCK UNIT	S.G. PULP	ASSAYS													S.G. W.R.	
FRM	TO						CU %	PE %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %		BA %
48.0	49.4	12816	1.4	1.3	4A0		.04	.86	1.56	21.00											
49.4	51.8	12817	2.4	2.3	4E0	4.09	.09	4.00	7.80	70.00		.39	2	21	23						
51.8	53.3	12818	1.5	1.2	4A4	3.24	.08	4.13	7.80	56.00		.89	1	9	10						
53.3	55.0	12819	1.7	1.7	4A4	3.38	.09	5.70	10.10	81.00		.39	1	10	11						
55.0	58.2	12820	3.2	2.4	4A4	3.19	.04	1.82	4.05	36.00		.75	1	9	11						
64.8	65.4	12822	1.6	1.6	4D5	3.11	.09	1.54	3.77	31.00		.41	2	7	9						
66.4	68.3	12823	1.9	1.7	4C5	3.14	.06	1.42	3.10	31.00		.48	1	8	10						
68.3	70.1	12824	1.8	1.7	4C5	3.13	.07	1.53	3.12	30.00		.27	3	6	9						
70.1	72.2	12825	2.1	2.1	4C5	3.06	.04	1.34	2.09	24.00		.41	2	4	6						
75.0	78.6	12826	3.6	1.7	4C5	3.00	.05	1.17	2.71	22.00		.62		4	5						
78.6	80.5	12827	1.9	1.8	4C5	3.19	.06	1.00	2.50	20.00		.34		3	4						
80.5	82.3	12828	1.8	1.8	4C5	2.87	.03	.93	2.11	16.00		.21			1						
82.3	84.1	12829	1.8	1.8	4D5	3.06	.06	1.54	3.83	39.00		.48	1	5	7						
84.1	86.3	12830	2.2	2.0	4C5	3.12	.04	1.25	3.22	27.00		.55	1	8	10						
86.3	87.8	12831	1.5	1.0	4C5	3.12	.06	1.23	2.94	28.00		.55	1	8	10						
87.8	89.6	12832	1.8	1.8	4C5	3.00	.04	1.48	3.42	29.00		.48	1	4	5						
90.7	92.4	12833	1.7	1.2	4C5	3.09	.03	1.20	3.73	29.00		.62	1	7	8						
92.4	93.9	12834	1.5	1.4	4D5	3.16	.03	1.55	4.98	33.00		.55	2	8	10						
93.9	95.0	12835	1.1	.9	4D5	3.35	.05	1.00	4.85	26.00		.55	2	12	15						
95.0	96.9	12836	1.9	1.9	4DEA	3.83	.06	4.58	9.70	78.00		.96	2	17	20						
96.9	98.8	12837	1.9	1.7	4DEA	3.82	.09	2.58	8.00	49.00		1.32	3	20	23						
98.8	100.3	12838	1.5	1.5	4DEA	3.69	.08	3.18	7.50	52.00		1.23	2	18	21						
100.3	101.8	12839	1.5	1.5	4CEA	3.76	.11	.73	2.58	22.00		1.78	3	22	25						
105.7	108.1	12840	2.4	2.3	4EA4	3.88	.12	5.10	9.40	92.00		1.51	2	20	22						
108.1	110.0	12841	1.9	1.8	4A0	3.27	.13	1.11	2.89	31.00		.96	1	14	15						
WEIGHTED AVERAGE																					
48.0	58.2		10.2	8.9		3.00	.06	3.18	6.15	52.38		.72	1	11	12						
64.8	72.2		7.4	7.1		3.10	.06	1.45	2.96	28.77		.39	2	6	9						
75.0	89.6		14.6	11.9		3.04	.04	1.22	2.93	25.32		.48	1	5	6						
90.7	101.8		11.1	10.1		3.54	.06	2.24	6.11	43.21		1.02	2	15	18						
105.7	110.0		4.3	4.1		3.61	.12	3.33	6.52	65.04		1.26	1	17	19						

29MAR84 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 3

DDH: FAGA240 UTM-N: 904,931.7 UTM-E: 592,408.7 UTM-ELEV: 1,289.5 TOTAL DEPTH: 111.3 SECTION: W 70
RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
45.700	175.000	91.000
103.600	172.200	122.000

001 FACAD70 UTM-N: 904,909.0 UTM-E: 592,390.5 UTM-ELEV: 1,286.1 TOTAL DEPTH: 108.2 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND	
3.4	0001	#		0.5-	1	
44.8	0002	5B3		0.5-	1	
46.9	0003	5B3	(5E0)	0.5-	1	
49.3	0004	5C35		0.5-	1	
54.0	0005	5A5		0.5-	1	
61.4	0006	5A6	(5A5)	0.5-	1	
62.0	0007	4A4		0.5-	1	
64.8	0008	4A3	84 PHYLLITIC	NO CORE	0.5-	1
66.6	0009	4A4	(4E4)	NO CORE	0.5-	1
67.4	0010	4A1	PHYLLITIC (4E0)		0.5-	1
67.6	0011	5C3		0.5-	1	
69.3	0012	4L14	(5C*)		0.5-	1
72.3	0013	5C1	(5C4\$)		0.5-	1
73.5	0014	4L14	BLEACHED 4A		0.5-	1
76.4	0015	4A14	PHYLLITIC BLEACHED 4A		0.5-	1
78.6	0016	4L14	BLEACHED 4A		0.5-	1
80.5	0017	4L1	84	SOME NO CORE	0.5-	1
81.7	0018	4A14			0.5-	1
86.4	0019	4A1	84 (5D4@) PHYLLITIC		0.5-	1
88.7	0020	5C4*			0.5-	1
89.6	0021	5B46			0.5-	1
92.2	0022	5B6	(5C\$)		0.5-	1
93.0	0023	5D\$	(5A6)		0.5-	1
96.8	0024	3GC\$			0.5-	1
103.3	0025	3GC	84 (4A14) 95:05		0.5-	1
108.2	0026	3GC	89 (4L0) (4A14)		0.5-	1

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 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
39.6	0001	#		0.5-	1
43.9	0002	#		0.5-	1
48.0	0003	5A\$		0.5-	1
49.4	0004	4A0	8\$	0.5-	1
51.8	0005	4E1	(4E4) (5D4*) (4D4) 7C:20:5:5	0.5-	1
55.0	0006	4A4		0.5-	1
58.2	0007	4A0		0.5-	1
64.6	0008	3G4	86 8\$	0.5-	1
72.2	0009	4D5		0.5-	1
75.0	0010	3G6		0.5-	1
85.6	0011	4D5		0.5-	1
86.3	0012	5D4*	(4D0) 7C:30	0.5-	1
89.6	0013	4D5		0.5-	1
90.7	0014	5E4*	(4D4) 90:10	0.5-	1
95.0	0015	4D45	(5D4*) 95:5	0.5-	1
101.8	0016	4D45	(4E4)	0.5-	1
105.7	0017	3G6		0.5-	1
108.1	0018	4E4	(4A34)	0.5-	1
110.0	0019	4AC		0.5-	1
111.3	0020	3G9	(5D4*) 95:5	0.5-	1

DDH: FAGA240 UTM-N: 904,931.7 UTM-E: 592,408.7 UTM-ELEV: 1,289.5 TOTAL DEPTH: 111.3 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA240	0.0	48.5	CS2	C	0	0	0	0	60	230	C		1	1	1
FAGA240	0.0	54.6	CS2		0	0	0	0	60	230	C		1	1	1
FAGA240	0.0	60.7	CS2	D	0	0	0	0	65	230	C		1	1	1
FAGA240	0.0	66.1	CS2		0	0	0	0	63	230	C		1	1	1
FAGA240	0.0	68.3	CS2		0	0	0	0	60	230	C		1	1	1
FAGA240	0.0	73.2	PS2	F	0	0	0	0	50	230	C		1	1	1
FAGA240	0.0	79.6	CS2		0	0	0	0	55	230	C		1	1	1
FAGA240	0.0	85.3	CS2		0	0	0	0	55	230	C		1	1	1
FAGA240	0.0	93.3	CS2	D	0	0	0	0	60	230	C		1	1	1
FAGA240	0.0	95.7	CS2		0	0	0	0	50	230	C		1	1	1
FAGA240	0.0	102.7	PS2	P	0	0	0	0	38	230	C		1	1	1
FAGA240	0.0	110.6	PS2	P	0	0	0	0	70	230	C		1	1	1

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 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
FAGA240	43.8	47.0	GB				0	0	0	1
FAGA240	48.0	49.3	B				0	0	0	1
FAGA240	51.8	56.6	D1B				0	0	0	1
FAGA240	56.6	58.2	BG				0	0	0	1
FAGA240	61.4	64.8	BG	7			0	0	0	1
FAGA240	68.5	69.7	BG				0	0	99	1
FAGA240	72.2	72.5	G				0	999	0	1
FAGA240	72.6	72.8	G				0	0	99	1
FAGA240	74.6	74.9	G				0	0	0	1
FAGA240	72.2	74.9	B				0	0	0	1
FAGA240	74.9	85.6	BX				0	0	0	1
FAGA240	0.0	86.2	G				0	0	0	1
FAGA240	85.6	86.2	B				0	0	0	1
FAGA240	0.0	89.6	G				0	0	0	1
FAGA240	86.2	89.6	BX				0	0	0	1
FAGA240	90.7	91.3	BG				0	0	0	1
FAGA240	0.0	94.1	G				0	99	0	1
FAGA240	91.3	95.0	2BD				0	0	0	1
FAGA240	95.0	101.8	3D				0	0	0	1
FAGA240	101.8	102.1	G				0	0	99	1
FAGA240	102.1	102.4	1G				0	99	0	1
FAGA240	104.5	105.7	G				0	0	0	1
FAGA240	105.7	110.0	3D				0	0	0	1
FAGA240	110.0	111.2	B1G				0	0	0	1

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RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA240	1	2
FAGA240	2	2
FAGA240	3	1

DIAMOND DRILL CORE LOG

Date: _____

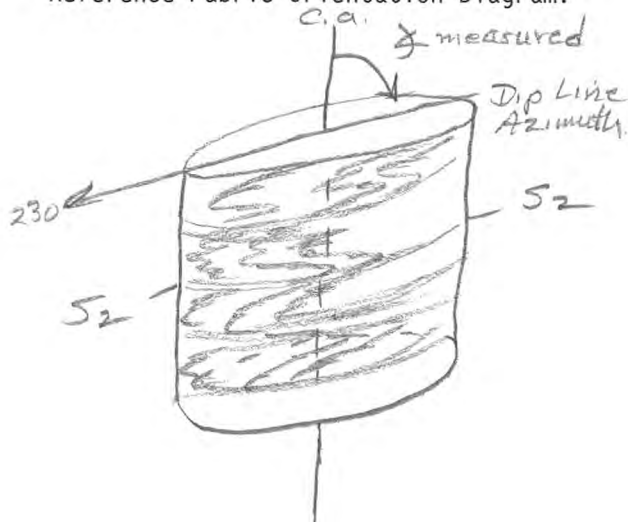
Hole Number: FAGA - 240

Reference Fabric Orientation Diagram:

Project: Grum

Location: Vangorda Plateau

Claim: Grum 4



UTM Terr. Plane Co-ords.: 6904931.675 N

592408.683 E

CAMC Mine Survey Grid Co-ords: L70W

5N

All symmetry determinations looking

Elevation: 1289.485

NW with S2 dipping

Total Depth: 365'

SW with dip azimuth 230.

Purpose: Fill in F1 closure

Reason hole Terminated: Depth to UG drilling coverage reached

Logged by: GAT/DSJ

Date(s) Logged: 23 July 1982

Drilling Contractor: Arctic

Size	CORE From	To	Collar Cased and Capped:
<u>NW</u>	<u>0</u>	<u>144</u>	<u>NO</u>
<u>NQ</u>	<u>144</u>	<u>365</u>	

Hole Cemented: No

Steel down hole: No

Started: 21 July Completed: 22 July 82

Lithologic Log

Date: 23 July 82 Logged By: GAJ/DSJ

39.6m

Code	From	To	Recov.	No.	Unit	Description
L	100	1300		1	#	O/B
L	1300	1440		2		Casing, no recovery
L	1440	1576		3	5A*	dbl.; 144.0-154.5 gauge & broken core lower contact S ₂ upper indeterminate
L	1576	1620		4	4A9	±*dol, broken, no gauge; normal pyrite low PbS+ZnS; = 1% comb.
L	1620	1700		5	4E1	(4E4, 5D4*, 4D4) 70:20:5:5; 7% comb.
L	1700	1805		6	4A4	much ductile bria; good 4A w/ finely lam. sil. layers between py + gtz layers; broken in places, no gauge; est. 12% comb.
L	1805	1910		7	4A9	c.f. above, lower grade; ductile flow bria common. 186-191 broken & indeter gauge; est. ≈ 5%
L	1910	2126		8	3G4	±6±*dol.; "ZnS present in ever so minute quantities"; 201.5-212.6 broken & gauged w/ core loss 9' recd. w/ loss nr 201-202, lower contact indeter, internal gauge cuts & 11's S ₂ upper contact indeterminate - "the whole fucking thing is pretty indeterminate!"
L	2126	2370		9	4D5	225-229 broken & gauged indeter; no core loss; bottom of interval is gauged 11S ₂ ; est 6-8% comb;
L	2370	2460		10	3G6	minor ZnS in phyllite; top of interval gauged, unit broken thruout; gauges 237-238 11S ₂ ; 238.5-239.0 lower 11S ₂ upper indeter; 245-246 upper/lower indeter
L	2460	2810		11	4D5	incomp. bria in many spots (post D ₂ tectonic & fault bria to crackle bria; @ 276-277, 281, 267-268, 258 there are rotated S ₂ foliated frags in gougey matrix - no real gauge; est. 7% comb.
L	2810	2813		12	5D4* (4D)	70:30 w/ 4D as thin inter- bands several cm. thick in 5D, lower contact 11S ₂ & gauged; unit broken.

break @ 167

a core 225 higher grade

246-273 ≈ 5%
273-281 ≈ 10%

Lithologic Log

Date: 23 July 82 Logged By: GAT/DSJ

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28		
L	128	3	129	40				113	4D5	as above ; affected by post-D ₂ fault breccia c.f. above ; breccia w/ rotated clast 285-289, 292 - no clear individual fault gouges ; base of interval = 5cm. gouge ; est 10% comb.
L	129	40	129	77				114	5D4*	(4D4) 90:10 ; base broken core
L	129	77	131	17				115	4D4S	(5D4*) 95:5 ; unit mod. broken ; uncap gouge & broken core 297.7-299.7 rubble & gouge chunks @ 303 ; more ZnS rich portions show ductile flow breccia ; S ₂ // fault zone 10cm. thick @ 309' ; est. 12% comb.
L	131	17	133	40				116	4E4S	(4E4) 4E4/ as short ~ 1' intervals shs. heavily affected by ductile flow breccia but unit intact ; est. 20% comb.
L	133	40	134	68				117	3G.D	334-335 = gouge w/ upper indeter lower // S ₂ ; 335-336.2 = S ₂ // uncap gouge ; 343-347 = gouge w/ indeter lower, upper indeter
L	134	68	135	47				118	4E4	(4A34) ; heavily affected by ductile flow breccia but ~ intact ; est. 20% comb.
L	135	47	136	10				119	4A0	heavily flow brecciated, lower contact w/ gouge ; est 5% comb.
L	136	10	136	50				120	3G.9	(5D4*) 95:5 ; broken, uncap. gouged indeter.
EOH										

last 5' / poor comb.

DDH FAGA240
 2 Feet 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: 23 Logged By: GAT/DSJ

Code	From				To				Feature	E D %	S ₀ Dip Direct.				S ₁ Dip Direct.				S ₂ Dip Direct.				Description
	10	14	16	20	22	24	26	28			28	32	34	38	40	44	28	32	34	38	40	44	
S					1590				INDD										60			CS2	
S					1790				CS2										60				
S					1990				INDD										65			CS2	
S					2170				CS2										68				
S					2240				CS2										60				
S					2610				CS2										55				
S					2400				INDP										50				
S					2800				CS2										55				
S					3060				INDD										60			CS2	
S					3140				CS2										50				
S					3370				INDP										38				
S					3630				INDP										70				

Feet

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
D	1157	6	1620	1281	16	144	143	4A01	± * dd.			
D	1162	0	1700	1281	17	180	180	4E11	(4E4, 5D4*, 4D4)			
P	1170	0	1175	0	1281	18	150	150	4A41			
P	1175	0	1180	5	1281	19	155	155	4A41			
P	1180	5	1185	5	1281	20	150	150	4A01			
P	1185	5	1191	0	1281	21	155	130	4A01			
	111		111		111		111		1111			
D	1211	24	12118	0	1281	22	154	154	4D51			
P	12118	0	1224	0	1281	23	160	156	4D51			
P	1224	0	1230	0	1281	24	160	157	4D51			
P	1230	0	1237	0	1281	25	170	170	4D51			
	111		111		111		111		1111			
	111		111		111		111		1111			
P	12416	0	1258	0	1281	26	180	156	4D51			
P	1258	0	1264	0	1281	27	160	160	4D51			
P	1264	0	1270	0	1281	28	160	160	4D51			
P	1270	0	1276	0	1281	29	160	168	4D51			
P	1276	0	1283	0	1281	30	170	166	4D51			
	111		111		111		111		1111			
P	1283	0	1288	0	1281	31	150	132	4D51			
P	1288	0	1294	0	1281	32	160	160	4D51			
	111		111		111		111		1111			
P	1297	7	1303	0	1281	33	153	140	4D415 (5D4*)			
P	1303	0	1308	0	1281	34	150	145	4D415 (5D4*)			
P	1308	0	1311	7	1281	35	137	128	4D415 (5D4*)			
P	1311	7	13118	0	1281	36	163	163	4D415 (4E4)			
P	13118	0	1324	0	1281	37	160	157	4D415 (4E4)			
P	1324	0	1329	0	1281	38	150	150	4D415 (4E4)			
P	1329	0	1334	0	1281	39	150	150	4D415 (4E4)			
	111		111		111		111		1111			
* P	1346	8	1354	7	1281	40	179	177	4E41 (4A34)			
* P	1354	7	1361	0	1281	41	163	158	4A01			
	111		111		111		111		1111			
	111		111		111		111		1111			
	111		111		111		111		1111			
	111		111		111		111		1111			

check against data entered in assay file this is the only correct version - checked by DSJ & SAT

DDH FASA240
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Cyprus Anvil Mining Corp.

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Structural Log

Date: _____ Logged By: _____

Feet

Code	From		To		Feature	S.E.	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F	1440	1545			GB						99	999	
F	1576	1620			B								
F	1700	1860			D1B								
F	1860	1910			BG								
F	2015	2126			BG	7							
F	225	229			BG						99	999	
F	237	238			G				99	999			
F	2385	2390			G						99	999	
F	245	246			G								
F	237	246			B								
F	246	281			BX								
F		283			G								
F		294			G								
F	281	283			B								
F	283	294			BX								
F	297	299			BG								
F	299	311			2BD								
F		309			G				99	999			
F	311	334			3D								
F	334	335			G						99	999	
F	335	336			1G				99	999			
F	343	347			G								
F	346	361			3D								
F	361	365			B1G								

NB - 166T

DDH FAGA 240 Cyprus Anvil Mining Corp

Page 1 of 1

Logged by DSJ GAS

ASSAY LOG (SAMPLER'S COPY)

Date July 28/82 Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION			
	10	14	16	20						22	26	28
	1157		1162		1128116	14	14					
	1162		1171		1128117	19	17					
	1171		1175		1128118	13	13					
	1175		1180		1128119	15	15					
	1180		1185		1128120	10	18		NB Int Shd be 180.5-191.0			
	1185		1191		1128121	15	15					
	1211		1218		1128122	15	15					
	1218		1224		1128123	16	15					
	1224		1230		1128124	16	15					
	1230		1237		1128125	17	17					
	1246		1258		1128126	18	15					
	1258		1264		1128127	16	16					
	1264		1270		1128128	16	16					
	1270		1276		1128129	16	16					
	1276		1283		1128130	17	16					
	1283		1288		1128131	15	13					
	1288		1294		1128132	16	16					
	1297		1303		1128133	15	14					
	1303		1308		1128134	15	14					
	1308		1318		1128135	13	12					
	1318		1318		1128136	16	16					
	1321		1324		1128137	16	15					
	1324		1329		1128138	15	15					
	1329		1334		1128139	15	15					
	1346		1354		1128140	18	17		NB Shd be 346.8-354.7 m. = 68.9 FT			
	1354		1360		1128141	16	15					

DDH: FAGA240 -- 42 DEGREE PROFILE

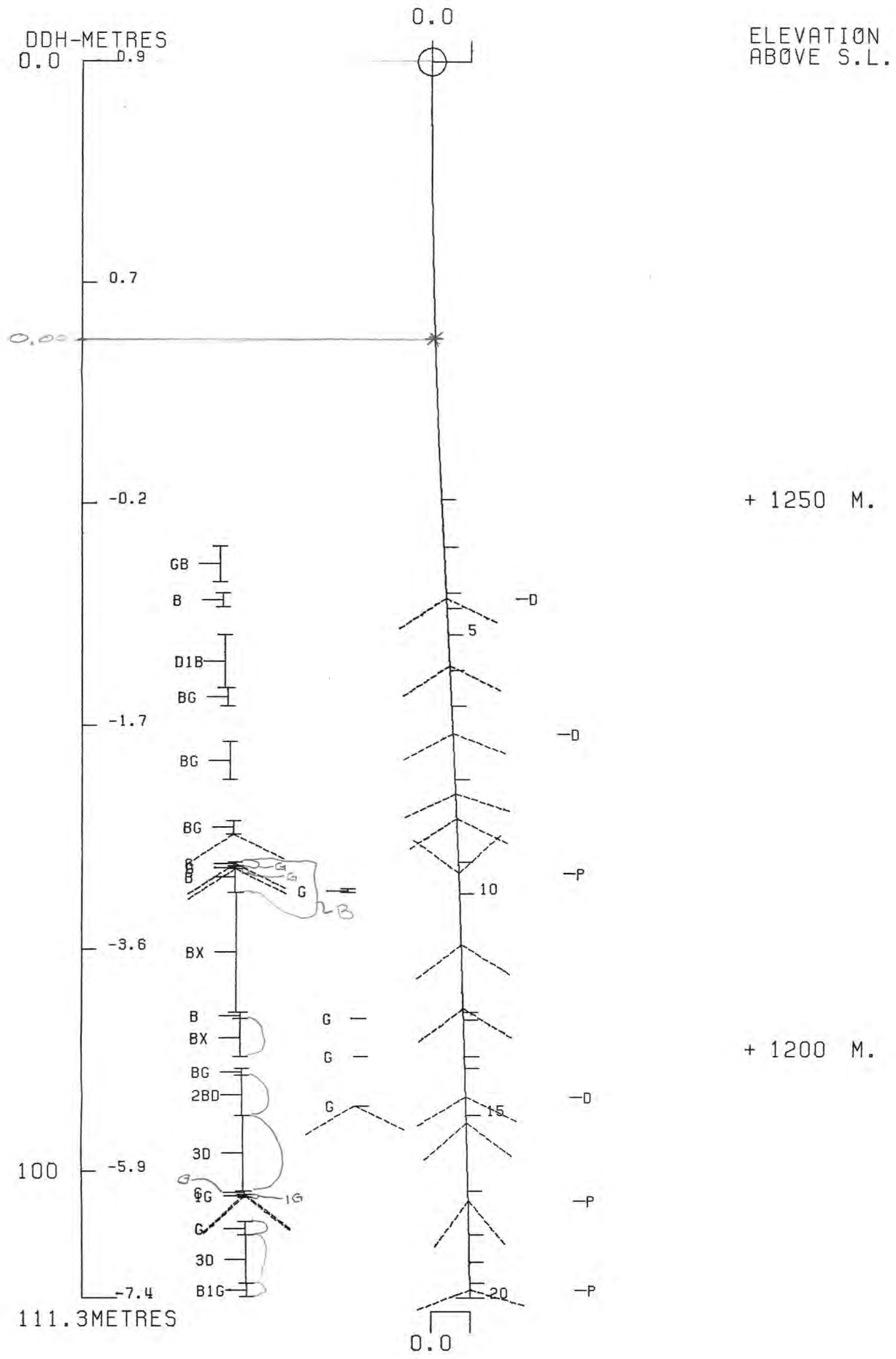
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1290 592409E ; 904932N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 524.0 Z = 1289.7

SECTION NAME: 70W



DDH: FAGA240 -- 42 DEGREE PROFILE

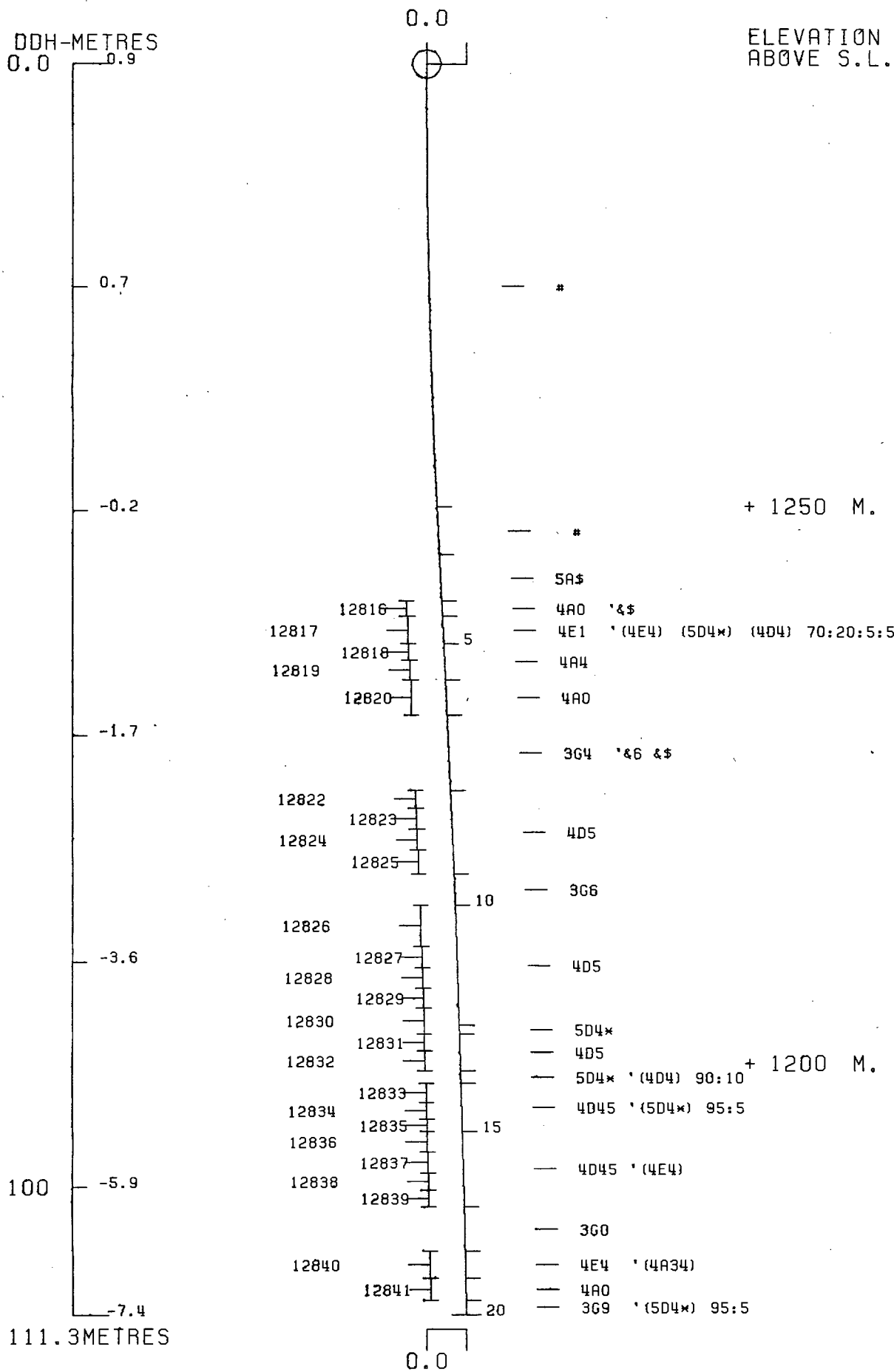
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1290 592409E ; 904932N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 524.0 Z = 1289.7

SECTION NAME: 70W



FAGU001

DRILL HOLE : FAGU001
NORTHING : 904,987.4
EASTING : 592,385.1
ELEVATION : 1,144.0
TOTAL DEPTH : 62.5
SECTION : W 72
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: 14
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 22
NOS DOWN-H-STRUCTURE: 0
NOS DOWN-H-FAULTS: 17
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU001 UTM-N: 904,987.4 UTM-E: 592,385.1 UTM-ELEV: 1,144.0 TOTAL DEPTH: 62.5 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	87.000	110.100

DDH: FAGU001 UTM-N: 904,987.4 UTM-E: 592,385.1 UTM-ELEV: 1,144.0 TOTAL DEPTH: 62.5 SECTION: W 72
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
8.9	0001	4A4	->(4A4 PHYLL [4D5]) (4A43)	0.5-	1
10.7	0002	4LC		0.5-	1
12.2	0003	4LC?	NO CORE	0.5-	1
14.0	0004	4LC	[4C0]? (5D42) 90:10	0.5-	1
15.2	0005	4D4	RUBBLE	0.5-	1
17.5	0006	4K4#	* (4E4) 4E-RELATED	0.5-	1
18.8	0007	4K4*	4J-RELATED	0.5-	1
25.5	0008	4LC		0.5-	1
41.5	0009	5B6	[3G0]	0.5-	1
44.1	0010	5B6	[3G0] BROKEN	0.5-	1
48.4	0011	4E4	(4E41) RUBBLE	0.5-	1
49.0	0012	4A4	(4A41)(4A41 PHYLL [4C5])	0.5-	1
49.8	0013	4E41	(4D4)	0.5-	1
50.3	0014	4E4	POROUS RUBBLE	0.5-	1
51.8	0015	FAULT	NO CORE	0.5-	1
53.4	0016	4E4	POROUS RUBBLE	0.5-	1
54.1	0017	4G4		0.5-	1
54.9	0018	4E4	POROUS	0.5-	1
56.4	0019	4A4	GOUGE	0.5-	1
57.9	0020	5C4	RUBBLE	0.5-	1
59.4	0021	4LC	RUBBLE	0.5-	1
62.5	0022	4LC		0.5-	1

DDH: FAGU001 UTM-N: 904,987.4 UTM-E: 592,385.1 UTM-ELEV: 1,144.0 TOTAL DEPTH: 62.5 SECTION: W 72
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGU001	0.0	3.6	1XD				0	0	0	0	1		
FAGU001	8.9	10.7	B				0	0	C	G	0	0	1
FAGU001	10.7	12.2	NPF				0	0	C	0	0	0	1
FAGU001	12.9	13.0	1G				0	0	0	C	0	0	1
FAGU001	13.0	14.0	P	4			C	0	0	C	0	0	1
FAGU001	14.0	15.2	PR	7			C	0	0	C	0	0	1
FAGU001	0.0	22.2	B				0	0	0	C	0	0	1
FAGU001	0.0	25.3	B				C	0	0	C	0	0	1
FAGU001	41.5	44.1	BP	5			0	0	C	C	0	0	1
FAGU001	44.1	49.0	3R				0	0	C	0	0	0	1
FAGU001	0.0	49.8	R				0	0	C	0	0	0	1
FAGU001	50.0	50.3	R				0	0	0	0	0	0	1
FAGU001	50.3	51.8	NPF				0	0	0	G	0	0	1
FAGU001	51.8	53.4	3R				0	0	0	G	0	0	1
FAGU001	54.9	56.4	G				0	0	0	0	0	0	1
FAGU001	56.4	59.4	RP				0	0	0	C	0	0	1
FAGU001	59.4	62.5	PB				0	0	0	C	0	0	1

DDH: FAGU001 UTM-N: 904,987.4 UTM-E: 592,385.4 UTM-ELEV: 1,144.0 TOTAL DEPTH: 62.5 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH SEGMENT NOS COND INDICATOR

FAGU001 1 1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU 001

Fabric Orientation Diagram:

Project: _____

Location: _____

Claim: _____

^{utm} ~~Text~~. Plane
Co-ords.: 6904987.387 N

*conversion of
K-A surveyed
grid co-ords*
592385.1137 E

Grid
Co-ords.: 72W / 6N

All symmetry determinations looking

_____ with _____ dipping

Elevation: 1143.96 m.

_____ with dip azimuth _____.

Total Depth: 62.5 m

Purpose: _____

Logged by: _____

Date(s) Logged: _____

Drilling
Contractor: _____

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

Started: _____ Completed: _____

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGU001

Reference Fabric Orientation Diagram:

Project: Grum Releg

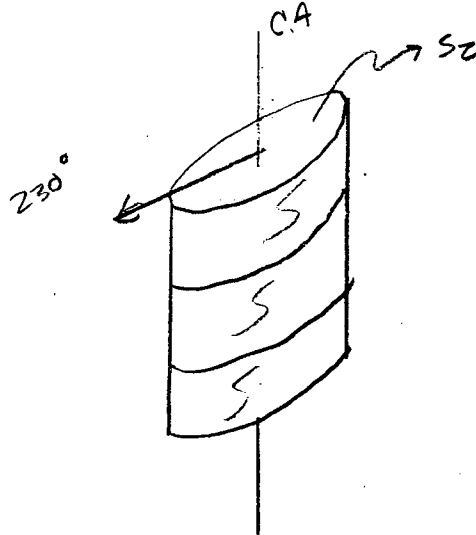
Location: Vangorda Plateau

Claim: _____

^{ATM} Terr. Plane Co-ords.: 6904987.4 N

592385.1 E

Grid Co-ords: 72-5.5W / 5+23N



Elevation: 1144.0

All symmetry determinations looking

NW with S2 dipping

Total Depth: 62.5m

SW with dip azimuth 230°.

Purpose: _____

Reason hole Terminated: _____

^{Re} Logged by: JSM

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
<u>BQ</u>	<u>0</u>	<u>62.5</u>	

Hole Cemented: _____

Steel down hole: _____

Started: 12/1/75 Completed: 12/3/75

Code	From	To	Recov.	No.	Unit	Description
L	10.14	16.20	22.24	26.28	30.34	35
L	10.0	18.9		1	4A4	+3GZ (grading to 4A4 phyllitic w/ no graphite) (4A4) Bxiation @ 3.6 Lower etc // comp bnda? Slightly gouged
L	18.9	110.7		2	4L0	fairly stp foliation, broken core Lower etc broken
L	110.7	112.2		3	4L0?	No core recovery, Fault?
L	112.2	114.0		4	4L0	Fairly competent, stp foliation to 12.7 SD4* ank w/ marip blebs [SF?] 12.7-12.9 12.9-13.0 gougey 13.0-14.0 stp foliation, poor rec'vy (4/10) +gouged lower etc
L	114.0	115.2		5	4D4	Rubble + poor rec'vy 0.9/1.2 lower etc broken
L	115.2	117.5		6	4K4	15.2/15.4 (4E4) → calcite -16.2/4K4 strongly calcareous w/ banded 4G texture -17.1 (4K4) patches of buff FeMg CO ₃ + sds, vuggy -17.3 (4K4) patches of white FeMg CO ₃ + sds not vuggy + Fe stained as above -17.5 (4K4) banded lower etc broken
L	117.5	119.8		7	4K4	As "patchy" 4K above, patches of Fe-stained FeMg CO ₃ , but matrix is much higher grade. Matrix = sp+gn >>> py whereas in unit #6 matrix = predominantly pyrite w/ base metals concentrated near the CO ₃ patches Lower etc // S ₂ (very stp)
L	118.8	125.5		8	4L0	Stp foliation, broken @ 22.2, 25.3
L	125.5	141.5		9	5B6	[3G0?] pale grey phyllite looks like it should be calcareous!
L	141.5	144.1		10	5B6	[3G0?] Broken core, poor rec'vy, gouge @ F.W. 1.5/2.6 m rec'vy. Lower etc, Rubbled.
L	144.1	148.4		11	4E4	Rubble (completely to 47.2, 80% rubble to 48.4) (4E4) lower etc rubbled.
L	148.4	149.0		12	4A4	(4A4, 4A4 phyllitic) Mostly Rubbled core. Lower etc arbitrary
L	149.0	149.8		13	4E4	(4D4) Rubble @ Hw + Fw
L	149.8	150.3		14	4E4	porous; complete rubble from 50.0 - 50.3
L	150.3	151.8		15		? Mud seam Air Pocket, No core
L	151.8	153.4		16	4E4	porous, completely rubbled core

} 4E
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DDH _____
 2 _____ 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Lithologic Log

Date: _____ Logged By: _____

Code	From					To					Recov.	No.	Unit	Description
	1	10	14	16	20	22	24	26	28	30				
L		53	4		54	7	0.3	117	4G4				~4590 Basalt, honey sp.	
L		54	7		54	9	0.3	118	4E4				porous	
L		54	9		56	4	112	119	4A4				mostly gouged w/ some siliceous pebbles Possibly 4A to ~55.5 then 5A?	
L		56	4		57	9	0.1	120	5C4				? marip. rubble; note poor recovery	
L		57	9		59	4	0.6	121	4L4				? rubble, poor rec'y. Lower etc. rubble	
L		59	4		62	5	1.7	122	4L4				poor rec'y, some broken core	

new revised lith coding

DDH F.A.G.U.O.01
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Lithologic Log

Date: _____ Logged By: _____

Code	From				To				Recov.				No.	Unit	Description
	10	14	16	20	22	24	26	28	30	34	35				
														4A4	→ (4A4 PHYLLITIC [4D5]) (4A43)
														4L0	
														4L0	No core
														4L01	(5D4@) 90:10 [4C0]
														4D4	
														4K4	# * (4E4) 4E-RELATED
														4K4	* 4J-RELATED
														4L0	
														5B6	[3G0]
														5B6	[3G0]
														4E4	(4E4) RUBBLE
														4A4	(4A4) (4A4 PHYLLITIC [4D5])
														4E41	(4D4)
														4E4	POROUS RUBBLE
														FAULT	NO CORE
														4E4	POROUS RUBBLE
														4G4	
														4E4	POROUS
														4A4	GOUGE
														5G4	RUBBLE
														4L0	RUBBLE

Metres

FAULT

DDH FAGU001
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

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
F				36	1	X	D						byiatins in 4A4	
F		109		110	7	B							broken core in 4L0	
F		110	7	112	2	N	P	F						no core - fault zone?
		112	9	113	0	L	G							ganguey
		113	0	114	0	P	4							0.4/1.0m
		114	0	115	2	P	R	7						rubble & poor recovery 0.9/1.2
				122	2	B								2 broken
				125	3	B								5
		141	5	144	1	B	P	5						broken, poor recovery 1.5/2.6
		144	1	149	0	3	R							rubble
				149	8	R								rubble
		151	0	151	0	R								complete rubble
		151	3	151	8	N	P	F						no core - mud seam & air pocket
		151	8	153	4	3	R							completely rubbled core
		154	9	156	4	G								mostly gangue w/ some siliceous pebbles
F		156	4	159	4	R	P							rubble - poor recovery
		159	4	162	5	P	B							poor recovery - some broken core

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION			
	10	14	16	20						22	26	28
		100		120	921510	20	18	4A4				
		120		140	921511	20	18	4A4				
		140		160	921512	20	19	4A4				
		160		180	921513	20	19	4A4				
		180		190	921514	10	10	4A4				
		140		150	921515	10	10	4D4				
		150		173	921516	23	15	4K4				
		173		188	921517	15	14	4K4				
		144		157	921518	16	10	4E4				
		145		172	921519	15	10	4E4				
		147		188	92160	16	12	4E4				
		148		150	92161	15	13	4AE4				
		151		153	92162	15	10	4E4				
		153		154	92163	16	10	4EG4				

Interval		DESCRIPTION	Recovery	Sample NR	Interval		Sample Length	Assay					Assay x			
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
24.4	44.1	QUARTZ - SERICITE - PHYLLITE LIGHT GREY Silicified, partly altered, brittle with numerous broken zones, F2 generally 25-30°.														
		24.4-25.7 Partly bleached, broken	1.2/1.3		24.4	25.7										
		43.7 Med. grey, generally broken, blocky	17.8/28.0			43.7										
		44.1 Very broken and gougy zone	0.5/0.8			44.1										
54.9		MASSIVE SULPHIDES Very broken, blocky and variable; grade difficult to estimate due to broken nature. Details:														
		44.1-45.7 Py 60-70, PbZn 6?, very broken	0.2	U1109	44.1	45.7	1.6	8.35	12.52	4.06			13.36	20.032	6.446	
		47.2 Py 60-70, PbZn 6-8? F1? 50°	0.7	U1110		47.2	1.5	8.15	14.81	3.38			12.225	22.215	5.07	
		48.8 Py 60, PbZn 11-12 48.6-48.8 Qtz-ser-sulph-phyl, F1 60°	1.2	U1111		48.8	1.6	6.79	13.74	3.18			10.864	21.984	5.088	
		50.3 Very broken, partly vuggy and powdery, especially between 49.9-50.3 48.8-49.9 Hard, silicified, F1 45-50° 49.9-50.3 Soft, vuggy, powdery, F1 70°. Overall Py 60, PbZn 12-14	1.3	U1112		50.3	1.5	7.56	12.16	2.85			11.34	18.24	4.275	
		51.8 No core; driller's note mud seam and air pocket	0/1.5			51.8										
		53.3 Broken powdery core, py 60, PbZn 18?	0.3	U1113		53.3	1.5	7.99	10.07	4.81			11.985	15.105	7.215	
		54.9 Variable, Py 60, PbZn 12-14 53.3-54.3 Silicified with barite, F1 70-80° -54.9 Vuggy, broken F1 80-90°	0.8	U1114		54.9	1.6	8.85	14.60	3.77			14.16	23.36	6.032	
			WT.AV.		44.1	54.9	10.8	6.84	11.19	3.164(108.5)			73.934	120.936	34.176	
NOTE: SAMPLED FROM BLOCK TO BLOCK DUE TO UNEVEN																

DDH: FAGU001 -- 42 DEGREE PROFILE

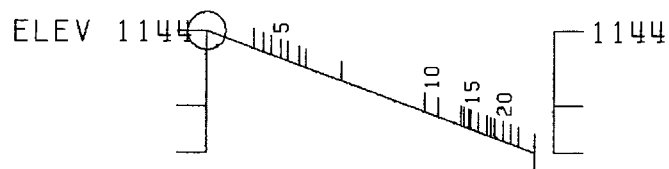
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1144 592385E ; 904987N

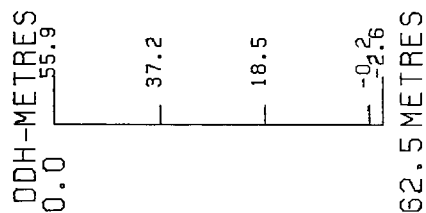
PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 549.6 Z = 1154.9

SECTION NAME: 70W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 27 NOV 1984 10:42 AM



DDH: FAGU001 -- 42 DEGREE PROFILE

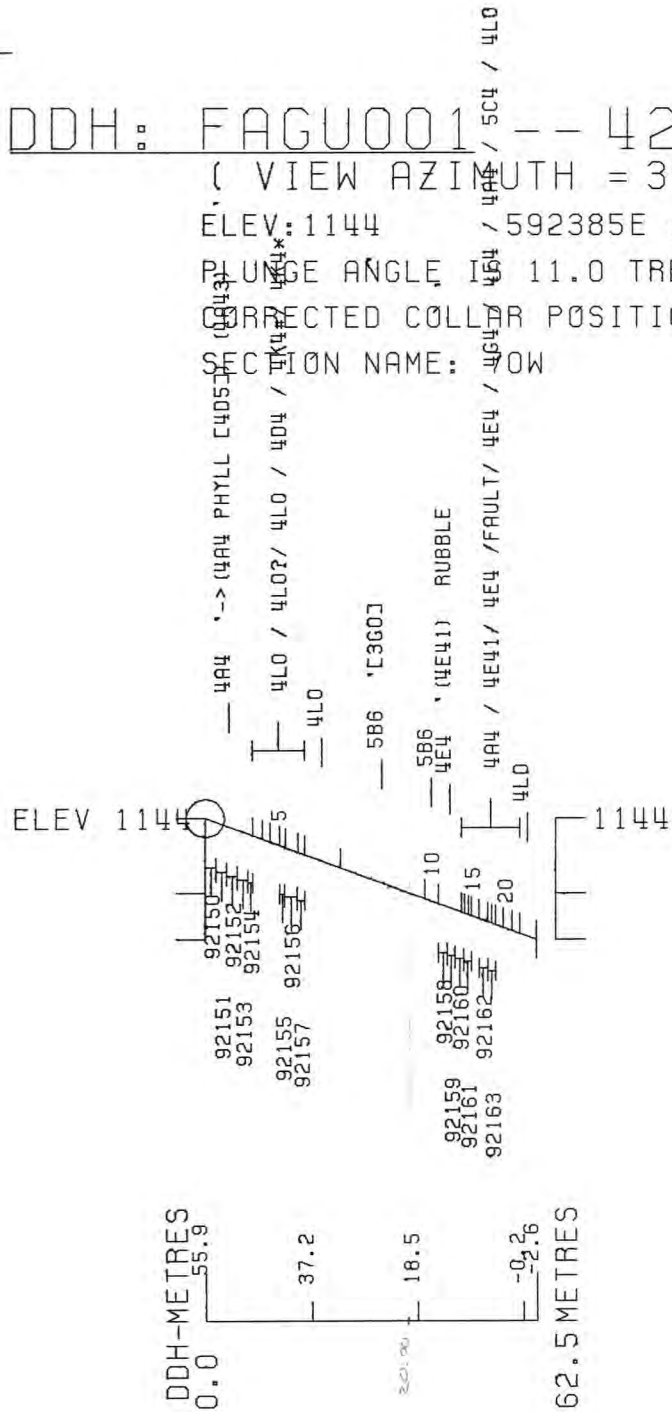
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1144 / 592385E ; 904987N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 549.6 Z = 1154.9

SECTION NAME: TUNNELL



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 27 NOV 1984 10:16 AM

FAGU080

DDM	SAMPLE	----DEPTHS----	INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PO+PY	ZN
		FROM TO	M	X	UNIT		X	X	X	G/MT	G/MT	X	X	X	X	X	RATIO
FAGUC80	92187	.0 1.5	1.5	53	4E15			.82	.35	34.3					1.17		.30
	92188	1.5 3.0	1.5	93	4AE1			2.45	1.05	52.5					3.50		.30
	92189	3.0 4.6	1.6	100	4A13			1.98	1.10	50.4					3.08		.36
	92190	4.6 5.5	.9	89	4A13			.80	.59	21.3					1.39		.42
	92191	6.4 7.6	1.2	100	4C0			.23	4.00	8.9					4.23		.95
	92192	7.6 9.1	1.5	100	4C0			.40	2.83	15.1					3.23		.88
	92193	9.1 10.7	1.6	100	4053			.83	4.70	21.3					5.53		.85
	92194	10.7 12.2	1.5	100	4053			2.05	5.00	39.4					7.05		.71
	92195	12.2 13.7	1.5	93	400			1.52	3.88	28.5					5.40		.72
	92196	13.7 15.2	1.5	80	40C			1.77	5.65	28.5					7.42		.76
	92197	15.2 16.8	1.6	75	4DA4			5.20	7.11	72.7				12.31			.58
	92198	16.8 18.3	1.5	93	4A134			2.40	5.15	37.4					7.55		.68
	92199	18.3 19.8	1.5	87	4A134			2.10	4.38	34.3					6.48		.68
	92200	19.8 21.3	1.5	80	4A134			2.10	2.88	30.2					4.98		.58
	92201	21.3 22.9	1.6	94	4A13			1.00	2.55	16.1					3.55		.72
	92202	22.9 24.4	1.5	100	4C0			1.29	2.43	21.3					3.72		.65
	92203	24.4 25.9	1.5	100	4CC			1.04	2.92	19.2					3.96		.74
	92204	25.9 27.4	1.5	93	4C0			1.05	2.65	17.1					3.70		.72
	92205	27.4 29.0	1.6	100	4A134			3.35	6.07	50.4					9.42		.64
	92206	29.0 30.5	1.5	93	4A134			3.30	8.49	56.6				11.79			.72
	92207	30.5 32.0	1.5	87	4A134			2.50	5.48	39.4					7.98		.69
	92208	32.0 33.5	1.5	87	4A13			1.45	1.65	22.3					3.10		.53
	92209	33.5 35.1	1.6	94	4A13			.15	1.18	9.9					1.33		.89
	92210	35.1 36.6	1.5	87	4A13			.35	1.40	13.0					1.75		.80
	92211	36.6 38.1	1.5	47	4A13			1.14	1.95	22.3					3.09		.63
	92212	38.1 39.6	1.5	73	4A134			2.65	4.50	37.4					7.15		.63
	92213	39.6 41.1	1.5	87	4AE4			5.05	9.52	65.5				14.57			.65
	92214	41.1 42.7	1.6	88	4E4			3.45	5.15	52.5					8.60		.60
	92215	42.7 44.2	1.5	73	4E4			4.95	2.95	89.8					7.90		.37
	92216	44.2 45.7	1.5	100	4E4			4.40	8.98	65.5				13.38			.67
	92217	45.7 47.2	1.5	100	4C3			2.43	2.13	35.3					4.56		.47
	92218	47.2 48.8	1.6	100	4D3			5.65	4.30	71.7					9.95		.43
	92219	48.8 50.3	1.5	100	4AE4			2.33	3.80	32.2					6.13		.62
	92220	50.3 51.8	1.5	100	4AE4			1.45	3.78	26.4					5.23		.72
	92221	51.8 53.3	1.5	100	4AE4			5.35	5.20	72.7				10.55			.49
	92222	53.3 54.9	1.6	100	4AE4			2.78	4.90	39.4					7.68		.64
	92223	54.9 56.4	1.5	100	4AE4			3.05	6.70	50.4					9.75		.69
	92224	56.4 57.9	1.5	100	4AE4			3.00	6.98	39.4					9.98		.70
	92225	57.9 59.4	1.5	100	4AE0			1.00	2.53	20.2					3.53		.72
	92226	59.4 60.5	1.1	100	4AE4			3.43	7.80	55.5				11.23			.69

DRILL HOLE : FAGUC80
NORTHING : 904,985.3
EASTING : 592,381.4
ELEVATION : 1,144.2
TOTAL DEPTH : 76.2
SECTION : W 67
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
CMD CALC: 1
SS CALC: 0

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 40
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 16
NOS DOWN-H-STRUCTURE: 0
NOS DOWN-H-FAULTS: 15
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

LOG: FAG000 DTM: 904955.3 UTM: 5912361.3 MIM-ELEV: 1,144.7 TOTAL LENGTH: 70.0 SECTION: K 47
 RFE: 52 RFE DIP: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 CS CALC: 0

---DEPTHS---		SAMPLE NO.	INT. REC.	ROCK UNIT	S.G. PULP	CU %	FE %	ZN %	AS(AA) G/MT	AC(FA) G/MT	AL(FA) G/MT	PO %	PY %	TOT FE	BAC %	HG %	MN %	AS %	BA %	S.G. W.R.
FROM	TO																			
.0	1.5	92187	1.5	.8 4E15		.32	.35			34.29										
1.5	3.0	92188	1.5	1.4 4E1		2.45	1.05			52.46										
3.0	4.6	92189	1.6	1.6 4A13		1.92	1.10			50.40										
4.6	5.5	92190	.9	.3 4A13		.80	.59			21.26										
6.4	7.6	92191	1.2	1.2 4C0			.23	4.00		8.91										
7.6	9.1	92192	1.5	1.5 4C0			.40	2.33		15.09										
9.1	10.7	92193	1.6	1.6 4D53			.83	4.70		21.26										
10.7	12.2	92194	1.5	1.5 4D53			2.05	5.00		39.43										
12.2	13.7	92195	1.5	1.4 4D0			1.52	3.88		23.46										
13.7	15.2	92196	1.5	1.2 4D0			1.77	5.65		23.46										
15.2	16.8	92197	1.6	1.2 4C44			5.20	7.11		72.69										
16.8	18.3	92198	1.5	1.4 4A134			2.40	5.15		37.37										
18.3	19.8	92199	1.5	1.3 4A134			2.10	4.38		34.29										
19.8	21.3	92200	1.5	1.2 4A134			2.10	2.53		30.17										
21.3	22.9	92201	1.6	1.5 4A13			1.00	2.55		16.11										
22.9	24.4	92202	1.5	1.5 4C0			1.29	2.43		21.26										
24.4	25.9	92203	1.5	1.5 4C0			1.04	2.92		19.20										
25.9	27.4	92204	1.5	1.4 4C0			1.05	2.65		17.14										
27.4	29.0	92205	1.6	1.6 4A134			3.35	6.07		50.40										
29.0	30.5	92206	1.5	1.4 4A134			3.30	8.49		56.57										
30.5	32.0	92207	1.5	1.3 4A134			2.50	5.48		39.43										
32.0	33.5	92208	1.5	1.3 4A13			1.45	1.65		22.29										
33.5	35.1	92209	1.6	1.5 4A13			.15	1.10		9.94										
35.1	36.6	92210	1.5	1.3 4A13			.35	1.40		13.03										
36.6	38.1	92211	1.5	.7 4A13			1.14	1.95		22.29										
38.1	39.6	92212	1.5	1.1 4A134			2.65	4.50		37.37										
39.6	41.1	92213	1.5	1.3 4AE4			5.05	9.52		65.49										
41.1	42.7	92214	1.6	1.4 4E4			3.45	5.15		52.46										
42.7	44.2	92215	1.5	1.1 4F4			4.95	2.95		89.83										
44.2	45.7	92216	1.5	1.5 4E4			4.40	8.98		65.49										
45.7	47.2	92217	1.5	1.5 4C3			2.43	2.13		35.31										
47.2	48.8	92218	1.6	1.6 4D3			5.65	4.30		71.66										
48.8	50.3	92219	1.5	1.5 4AE4			2.33	3.80		32.23										
50.3	51.8	92220	1.5	1.5 4AE4			1.45	3.73		26.40										
51.8	53.3	92221	1.5	1.5 4AE4			5.35	5.20		72.69										
53.3	54.9	92222	1.6	1.6 4AE4			2.78	4.90		39.43										
54.9	56.4	92223	1.5	1.5 4AE4			3.05	6.70		50.40										
56.4	57.9	92224	1.5	1.5 4AE4			3.00	6.98		39.43										
57.9	59.4	92225	1.5	1.5 4AE0			1.00	2.53		20.23										
59.4	60.5	92226	1.1	1.1 4AE4			3.43	7.80		55.54										

WEIGHTED AVERAGE

.0	5.5	5.5	4.0	1.59	.79	41.79
6.4	60.5	54.1	49.7	2.40	4.46	37.80

UTM-N: 404739.1 UTM-E: 592731.4 UTM-ELEV: 1144.2 TOTAL DEPTH: 76.3 SECTION: W 67
 RFE: S2 RFE DIP: 230 FLUNGE ANGLES: 11 312 OHC CALC: 1 JS CALC: 0

DEPTH ZENITH AZIMUTH

0.000 79.900 154.800

JOB: F86000

UTM-N: 704725.7

UTM-E: 592301.4

UTM-ELEV: 17144.2

TOTAL DEPTH:

76.2 SECTION: W 67

RFE: S2

RFE DIR: 230

PLUNGE ANGLE: 11

312 DMC CALC:

1 BS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
2.4	0001	4E15	-> 4A13 E.C.I.	0.5-	1
3.5	0002	4A13	(4E1 BANDS) MINOR-LOCAL	0.5-	1
5.0	0003	5D4*	9 (PY)	0.5-	1
12.2	0004	400	83 -> (4D53) E.C.I.	0.5-	1
14.2	0005	400	83 ->(4D53) ->(4A134 LIGHT)	0.5-	1
14.5	0006	5D4*	FLCHSITE-WEAK	0.5-	1
15.5	0007	400		0.5-	1
15.9	0008	5D4*	(400) RUBBLE	0.5-	1
22.9	0009	4A13	4 ->(4E1 8MICROBXA 24) LOCAL	0.5-	1
27.3	0010	400	85	0.5-	1
27.4	0011	400	85 (5D4*)	0.5-	1
40.6	0012	4A13	84 (4D5)(4E15)(4EC 31)	0.5-	1
45.7	0013	4E4	(4E1) (4D4) 92:MINOR:00	0.5-	1
46.2	0014	403	(4E0) LOCAL (4D3) E.C.I.	0.5-	1
60.5	0015	4A13	84 (4E4) (4E45) 70:25:05	0.5-	1
76.2	0016	300	(4L2) (5D43) 82:15:03	0.5-	1

DCH: FAGUC30 UTM-N: 904785.3 UTM-E: 592731.4 UTM-ELEV: 17144.2 TOTAL DEPTH: 76.2 SECTION: W 67
 RFE: 30 RFE DIR: 330 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DCH	F DEPTH	T DEPTH	FEAT	PEC	CC	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGUC30	0.1	1.5	P		2		C	C	C	C	0	0	1
FAGUC30	13.3	15.9	R				C	C	C	C	0	0	1
FAGUC30	15.9	22.9	1XD				C	C	C	C	0	0	1
FAGUC30	30.0	37.1	D				C	C	C	C	0	0	1
FAGUC30	30.0	40.2	1XD				C	C	C	C	0	0	1
FAGUC30	27.4	40.6	3B				C	C	C	C	0	0	1
FAGUC30	30.0	40.6	XDF				C	C	C	C	0	0	1
FAGUC30	43.7	45.2	1XD				C	C	C	C	0	0	1
FAGUC30	59.4	60.5	1XD				C	C	C	C	0	0	1
FAGUC30	60.5	60.7	G				C	C	99	999	0	0	1
FAGUC30	61.2	61.7	G				C	C	99	999	0	0	1
FAGUC30	62.2	66.9	G				C	C	C	C	0	0	1
FAGUC30	68.6	70.0	GP		2		C	C	99	999	0	0	1
FAGUC30	71.6	72.3	G				C	C	C	C	0	0	1
FAGUC30	60.5	76.2	P3B		5		C	C	C	C	0	0	1

DJH: FAGUC80 UTM-N: 404,805.7 UTM-E: 592,301.4 UTM-ELEV: 1,144.2 TOTAL DEPTH: 76.3 SECTION: W 67
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 313 DHD CALC: 1 SS CALC: 2

DLH SEGMENT NOS CORR INDICATOR

FAGUC80 1 1

OFF SECTION NO
STRUCT OF ASSAY
175 PEO DIVER

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Page 1 of 5

Date: AUG 82

Hole Number: FAGUOSO

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: 67 W

Claim: _____

Terr. Plane
Co-ords.: 904955.3 N

592381.4 E

Grid
Co-ords: _____

UTM
connections of
-A surface of
grid
co-ords

All symmetry determinations looking

Elevation: 1144.2

_____ with _____ dipping

Total Depth: 76.2

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: GAJ DSJ.

Date(s) Logged: _____

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

DDH FAGUOSO
 2 8

Diamond Drill Core Log

Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
1	2	8	10	16 17	24 25	32 34 39 41 42
T	FAGUOSO	11144.7	90498.5	359238.1	4 METRES	

154.8 for
True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2	8	10	14 22	26 28 32 34 56
R	FAGUO.8.0	00	79.9	153.3	A.T. COLLAR

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

no structural log

DDH FAG 080
2 8

Cyprus Anvil Mining Corp.

Page 3 of 5

Lithologic Log

Date: _____ Logged By: DSJ

Code	From	To	Recov.	No.	Unit	Description
L	10 14 16 20 22 24 26 28 30 34 35			1	4E1S	→ down to 4A13 essentially mass py → silic mass S ² with wispy carbon 0.3m recov 0-1.5 impurity 11 to CA so not much stain seen
L	24	55		2	4A1B	1 = dr grey - black carb. bands split but intact - local 4E1 mass S ² bands no trace orphan ⇒ BMS
L	55	66		3	5D4X*	9 = py as wispy dissem 11 S ₂ and X-cutting S ₂ laminae banding 1" to CA upper contact a small amount lower 11 S ₂ at 5-10" to CA
L	66	122		4	4CP	±3 → down 4E5 ± 3 2-5" = 20-50% increasing down due to mass by 10.7m py ⇒ 25% S ² , 25% Pb ²⁺
L						as well as local Fe ²⁺ - variable carbon content due to carbon breaking & dilution
L	122	142		5	4DP	±3 → 4D53 → 4A134 like light color due to carbon dilution by gtz S ² ⇒ - a border line rock has 4A texture but color one mid to dark med grey, local dk grey
L	142	145		6	5D41X*	weak FeCh.
L	145	155		7	4D01	light grey to off-white with cream colored phyllic partings - weak FeCh in some cream-buff partings = thin tufts? FeCh S ² = 10-15% spind dominant - not well banded
	155	159		8	5D4X	(4D0) similar to unit 7 but more 5D4* unit rubble - probably due less since 15.2-16.8 have ~1m recov
		229		9	4A134	→ rely to 4E1 + micubx ± 4 1 = both refer to both silicous components tot S ² = 30-40% or py & spind

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	229	273		10	4XP ⁶	±5 ±4 good banding - Fe ₂ O ₃ like for 4A ₁ - ^{but has calcite in it} - good banding banding = S, 11 to CA
L	273	274		11	4D ⁶	±5 (SD4 ⁶) as thin with scale folia
L	274	406		12	4A13	±4 (4DS) grades down from 4D → normal 4A13 than further down to more massive 4E15 than 4E0 ± 1 then back to 4A12 unit - closely 4A related with subtle color variations due to ratio changes S ₂ O ₃ = S ²⁺ : C badly broken massive matrix 4E15 = 35.3 - 35.9 4E0 ± 1 35.9 - 36.9 from 36.9 to E01 have 4A13 ⇔ 4E1 local S ²⁺ in S ²⁺ but near 37! and good S ²⁺ in silicate but the best at 40.2
L	406	457		13	4E4	(4E1)(4D4) 4D4 band at 41.7 - 45.3 remainder of unit 4E4 character - only minor 4E1 top of unit is fault at 50° to CA unit better mineralized below fault with S ²⁺ in silicate and silicate in S ²⁺ but unit pushed in later before setting
L	457	482		14	4C3	(4E0) locally - unit is highly siliceous py striae with mass of interbands with local bed bands (S ²⁺ in S ²⁺ but matrix support) more at base bands also locally tilted fairly intact good rock
		605		15	4A13	±4 (4E4 4E45) 4E4 at 50.2 - 51.0 4E4 at 51.7 - 52.7 4E5 at 56.6 - 57.3 4E4 from 59.4 - E05 but esp good in middle of silicate

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34 35	
						normal exhaust test tot S = ~50%
						overall but variable py 2-4x BMS ²
						some interst. in fault zone only
						local bxa where present.
						1 in 4A is for both types of
						grt bands.
L	625	762		116	369	(4L2)(SD4X d.1)
						4L at TDI - 60.5 and 62.3-62.8
						and 71.7-73.2
						SD4X at 75.7-76.2
						remains of unroofed broken
						and gneiss fragments in 2
						local por. veins
						Gauge at 60.5-60.7 small 2 nd but not 100%
						" 61.2-61.7 " 11 3/4 " "
						" 62.8-66.9 1 1/2 = 100
						" 67.5 = minor gauge 11 in @ 10° to 100
						" 68.6-70.0 1 1/2 = 100
						the debris - red granite interst
						5 th 11 gauge and 100% -
						com. - 100% test
						" 71.6-72.8 to 100% 100
						Remain: 61.0-62.5 = 0.9m 60%
						62.5-64.0 = 0.5m 33%
						64.0-65.5 = 0.5m 33%
						65.5-67.1 = 0.5m 31%
						67.1-68.6 = 1.1m 73%
						68.6-70.1 = 1.1m 100% 73%
						70.1-71.6 = 0.9m 60%
						71.6-73.2 = 0.9m 56%
						73.2-74.7 = 0.7m 47%
						74.7-76.2 = 0.7m 47%

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM				TO				SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	1	10	14	16	20	22	26	28					
		10	0		11	5	921187	11	5	108	4E115T		
		11	5		13	0	921188	11	5	114	4A1E11		
		13	0		14	6	921189	11	6	116	4A1131		
		14	6		15	5	921190	10	9	108	4A1131		
		16	4		17	6	921191	11	2	112	4C10		
		17	6		19	1	921192	11	5	115	4C10		
		19	1		110	7	921193	11	6	116	4D01		
		110	7		112	2	921194	11	5	115	4D01		
		112	2		113	7	921195	11	5	114	4D01		
		113	7		115	2	921196	11	5	112	4D01		
		115	2		116	8	921197	11	6	112	4DA14		
		116	8		118	3	921198	11	5	114	4A1134		4
		118	3		119	8	921199	11	5	113	4A1134		4
		119	8		121	3	922000	11	5	112	4A1134		4
		121	3		122	9	922001	11	6	115	4A1130		0
		122	9		124	4	922002	11	5	115	4C10		
		124	4		125	9	922003	11	5	115	4C10		
		125	9		127	4	922004	11	5	114	4C10		
		127	4		129	0	922005	11	6	116	4A1134		4
		129	0		131	0	922006	11	5	114	4A1134		
		131	0		132	0	922007	11	5	113	4A1134		
		132	0		133	5	922008	11	5	113	4A1130		
		133	5		135	1	922009	11	6	115	4A1130		
		135	1		136	6	922010	11	5	113	4A1130		
		136	6		138	1	922011	11	5	107	4A1130		
		138	1		139	6	922012	11	5	111	4A1134		
		139	6		141	1	922013	11	5	113	4A1E4		
		141	1		142	7	922014	11	6	114	4E4		
		142	7		144	2	922015	11	5	111	4E4		
		144	2		145	7	922016	11	5	115	4E4		
		145	7		147	2	922017	11	5	115	4C3		
		147	2		148	8	922018	11	6	116	4D3		
		148	8		150	3	922019	11	5	115	4A1E4		
		150	3		151	8	922020	11	5	115	4A1E4		
		151	8		153	3	922021	11	5	115	4A1E4		

DDH FAGU.030 Cyprus Anvil Mining Corp

Page _____ of _____

Logged by _____

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM				TO				SAMPLE	INTR.				REC (m)	UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30		32	34	36	40			
		533		549		92222		16		16		4A/E4				
		549		564		92223		15		15		4A/E4				
		564		579		92224		15		15		4A/E4				
		579		594		92225		15		15		4A/E0				
		594		605		92226		11		11		4A/E4				

Metres

FAULT

DDH FAGU080
2 8

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	100		115	R	2										0.3m / 1.5m
F	115	5	115	R											rubble
F	115	9	122	9	11XID										I micro brae
F	127	4	410	6	3IB										badly broken - reasonable recovery
F			371	D											local sulph in sulph brae
F			410	2	1XID										sulph in silicate brae - brittle
F			410	6	XIDIF										top of unit fault at 50° S.A.
															breached immediately below
															fault w/ sulph in silicate
															f silicate in sulph brae
F	415	7	418	2	1XID										locally breached - sulph in
															sulph
F	519	4	605	5	1XID										4E4 brae
F	610	5	610	7	G				919	919					gauge cuts INO, internal 11S ₂
F	612		611	7	G				919	919					
F	612	8	616	9	G										gauge cuts INO
F			676	1	G				919	919					minor gauge 11S ₂
F	618	6	710	0	GPI	2			919	919					cuts INO, internal 11S ₂
															1m case lost
F	716		712	8	G										INO
	610	5	716	2	P3IB	5									badly broken w/ poor recovery
															from 30% to 70%

DIAMOND DRILL RECORD

LOGGED BY

JOCK HOWARD

D.D.H. No

76-U-80

PAGE 1

PROPERTY

VANGORDA-GRUM

LATITUDE 10776.534 5N+15m 72W STARTED MAY 10, 1976

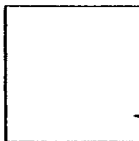
DEPARTURE 7687.983 COMPLETED MAY 11, 1976

 ELEVATION 1154.798 M PROPOSED DEPTH
 ULTIMATE DEPTH 76.2

HOLE SURVEY:

DEPTH	BEARING	DIP
COLLAR	154° 50'	+10° 05'

CLAIM No


 DIRECTION AND DISTANCE
 FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 83.6%

Interval		DESCRIPTION	Py	PbZn	Recovery	Sample No	Interval		Sample Length	Assay			Assay x				
From	To						From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
0	5.5	QUARTZ SULPHIDES (P)	25	2	0.8	2646	0	1.5	1.5	0.82	0.35	34.29					
		Sections of almost massive sulphide interbanded w/	35	3.5	1.4	2647	1.5	3.0	1.5	2.45	1.05	52.46			3.675	1.575	78.69
		sections of quartz-phyllite-sulphide. F indistin- 2 guishable in massive sections, sub // F (?) in 1 phyllite sections. Core mostly competent.	40	2	1.6	2648	3.0	4.6	1.6	1.98	1.10	50.40			3.168	1.76	80.64
5.5	6.4	BLEACHED PHYLLITE (Sbm)			0.9												
		Pale yellow gray; F 0-10° no visible F. Scattered flakes 2 of mariposite. Upper contact at 70°; lower contact at 10° 1 sub // F. 2															
6.4	60.5	QUARTZ SULPHIDES (P).	20	5	1.2	2650	6.4	7.6	1.2	0.23	4.00	8.91			0.276	4.8	10.692
		As previous. Upper contact W/ (Sbm) shows Zn	20	2	1.5	2651	7.6	9.1	1.5	0.40	2.83	15.09			0.60	4.245	22.635
		bands.	30	2	1.6	2652	9.1	10.7	1.6	0.83	4.70	21.26			1.328	7.52	34.016
			35	7	1.5	2653	10.7	12.2	1.5	2.05	5.00	39.43			3.075	7.5	59.145
			15	7	1.4	2654	12.2	13.7	1.5	1.52	3.88	28.46			2.28	5.82	42.69

Interval		DESCRIPTION	Py	PbZn	Recovery	Sample N2	Interval		Sample Length	Assay					Assay x		
From	To						From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
			10	8.5	1.2	2655	13.7	15.2	1.5	1.77	5.65	28.46			2.655	8.475	42.69
		15.4-16.1: FAULT GOUGE.	15	10	1.2	2656	15.2	16.8	1.6	5.20	7.11	72.69			8.32	11.376	116.304
			10	10	1.4	2657	16.8	18.3	1.5	2.40	5.15	37.37			3.6	7.725	56.055
		18.6-19.0: PXs	15	10	1.3	2658	18.3	19.8	1.5	2.10	4.38	34.29			3.15	6.57	51.435
			10	8.5	1.2	2659	19.8	21.3	1.5	2.10	2.88	30.17					
			5	14	1.5	2660	21.3	22.9	1.6	1.00	2.55	16.11			1.6	4.08	25.776
			5	12	1.5	2661	22.9	24.4	1.5	1.29	2.43	21.26			1.935	3.645	31.89
			5	14	1.5	2662	24.4	25.9	1.5	1.04	2.92	19.20			1.56	4.38	28.8
			5	16	1.4	2663	25.9	27.4	1.5	1.05	2.65	17.14			1.575	3.975	25.71
			15	18	1.6	2664	27.4	29.0	1.6	3.35	6.07	50.40			5.36	9.712	80.64
		30.0-33.0: Core is mostly blocky, pebbly and	15	18	1.4	2665	29.0	30.5	1.5	3.30	8.49	56.57			4.95	12.375	84.855
		broken. FAULT?	15	16	1.3	2666	30.5	32.0	1.5	2.50	5.48	39.43					
			15	10	1.3	2667	32.0	33.5	1.5	1.45	1.65	22.29					
			30	1	1.5	2668	33.5	35.1	1.6	0.15	1.18	9.94			1.33	PbZn	
			35	2	1.3	2669	35.1	36.6	1.5	0.35	1.40	13.03			1.75	PbZn	
		36.6-43.1: PXq. Core is broken and blocky.	25	2	0.7	2670	36.6	38.1	1.5	1.14	1.95	22.29					
		Solid pieces show brecciation.	20	7	1.1	2671	38.1	39.6	1.5	2.65	4.50	37.37					
			15	15	1.3	2672	39.6	41.1	1.5	5.05	9.52	65.49			7.575	14.28	98.235
			25	9	1.4	2673	41.1	42.7	1.6	3.45	5.15	52.46			5.52	8.24	83.936
			40	5	1.1	2674	42.7	44.2	1.5	4.95	2.95	89.83			7.425	4.425	134.75
			40	8	1.5	2675	44.2	45.7	1.5	4.40	8.98	65.49			6.6	13.47	98.235
		45.7-46.7: PXq as previous.	30	5	1.5	2676	45.7	47.2	1.5	2.43	2.13	35.31			3.645	3.195	52.965

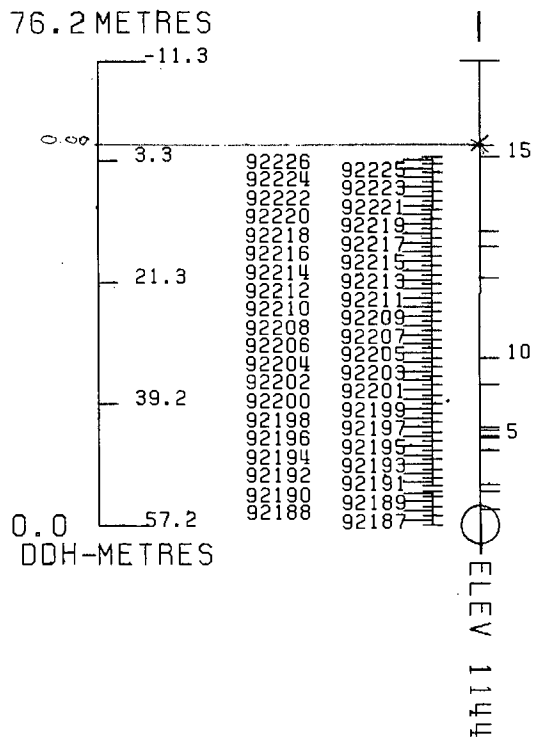
DDH: FAGU080 -- 42 DEGREE PROFILE (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1144 592381E ; 904985N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 545.6 Z = 1155.3
 SECTION NAME: 704

360	'(4L2)	(504#)	82:15:09
4A13	'&4	(4E4) (4E45)	79:25:05
4C3			
4E4	'(4E1)	(4D4)	92:MINOR
4A13	'&4	(4D5) (4E15) (4E0 &	
4E8	'&5		
4A13	'4	-> (4E1 & MICROBX & 4	LS AL
4D0		/ 5D4* / 4D0 / 5D4*	
4C0		'&3 -> (4D53)	E.O.I.
4E1		'(4E1 BANDS)	MINOR-LO



CYPRUS ANVIL MINING CORPORATION
 PROGRAM DH162 27 NOV 1984 10:15 AM



DDH: FAGU080 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1144 592381E ; 904985N

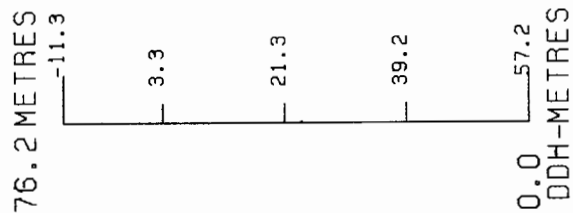
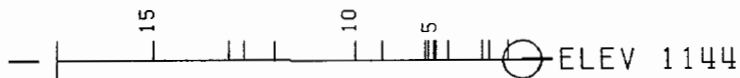
PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 545.6 Z = 1155.3

SECTION NAME: 70W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 27 NOV 1984 10:41 AM



FAGU088

DRILL HOLE : FAGU028
NORTHING : 904,960.5
EASTING : 592,427.3
ELEVATION : 1,145.4
TOTAL DEPTH : 65.2
SECTION : W 70
R.F.E. : S2
PFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHO CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 25
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 31
NOS DOWN-H-STRUCTURE: 20
NOS DOWN-H-FAULTS: 12
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

UTM-N: 904920.3 UTM-E: 592427.3 UTM-ELEV: 1,145.4 TOTAL DEPTH: 65.2 SECTION: W 70
 RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	FB %	Zn %	AG(AA) G/MT	AG(FA) G/MT	ASSAYS									
FROM	TO											AL(FA) G/MT	PO %	PY %	TCT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
1.4	1.5	11225	.4	.4	4K4	4.54	.06	6.90	11.10	91.00		1.78	2	28	30						
1.8	4.6	11226	2.8	.6	4E4*	4.57	.13	4.70	8.40	103.00		2.13	1	33	34						
4.6	6.2	11228	1.6	.7	4E4	4.61	.06	1.69	4.20	41.00		1.51		38	38						
6.2	7.6	11229	1.4	.6	4D4	2.93	.10	6.10	15.30	119.00		1.51	1	13	15						
7.6	8.8	11230	1.2	.3	4E4#	4.53	.15	4.10	7.90	94.00		2.95		34	34						
8.8	9.3	11231	.5	.5	4D4	4.03	.04	7.60	17.30	107.00		1.71	1	18	20						
9.3	10.9	11232	1.6	1.1	4E4	4.86	.09	6.10	9.40	94.00		2.74	1	33	34						
10.9	12.6	11233	1.7	.9	4E4E	4.80	.18	6.10	7.00	107.00		1.99	1	35	36						
12.6	14.3	11234	1.7	.7	4E4E	4.84	.21	7.70	12.20	133.00		2.61	1	30	31						
14.3	15.6	11235	1.3	.7	4GE	4.78	.14	6.70	11.40	110.00		2.26	1	22	23						
15.6	16.9	11236	1.3	.7	4A0	3.30	.08	1.68	3.10	39.00		1.30		13	13						
20.9	22.1	11237	1.2	1.2	4L2		.06	.36	.33	12.00											
22.1	23.7	11238	1.6	1.6	4A0		.07	1.23	1.83	26.00											
44.2	45.7	90228	1.5	.0	4E4			5.65	7.90		79.50										
50.4	51.8	11239	1.4	1.3	4G4	4.60	.12	5.40	8.70	36.00		1.92		10	11						
51.8	53.4	11240	1.6	1.4	4G4#	4.68	.10	6.70	8.60	111.00	103.00	1.10		12	13						
53.4	54.3	11241	.9	.8	4G4	4.54	.03	6.20	9.70	89.00		1.03		7	8						
54.3	54.6	11242	.3	.3	4G4#	4.56	.17	8.60	11.20	95.00		1.30		15	16						
54.6	56.2	90229	1.6	.0	4L34			2.83	4.15	41.50											
56.2	57.0	11243	.8	.8	4G4#	4.21	.10	5.90	6.50	80.00		1.44	1	24	25						
57.0	57.5	11244	.5	.5	4G4*	4.58	.08	8.20	9.60	114.00		1.71	1	16	17						
57.5	59.3	11245	1.8	1.8	4E18	4.54	.18	2.40	1.55	36.00		2.74	3	35	33						
59.3	61.2	11246	1.9	1.9	4E18	4.56	.27	2.10	2.20	40.00		2.33	6	32	38						
61.2	63.2	11247	2.0	2.0	4G4#	4.35	.11	5.00	6.20	80.00		.96	4	13	17						
63.2	65.2	11248	2.0	2.0	4G4#	4.26	.09	2.60	5.50	44.00		.75	3	10	14						

WEIGHTED AVERAGE

1.4	16.9		15.5	7.7		4.40	.12	5.17	9.08	96.09		2.09	1	28	29						
20.9	23.7		2.8	2.8			.06	.85	1.18	20.00											
44.2	45.7		1.5	.0				5.65	7.90		79.50										
50.4	65.2		14.8	12.8		3.99	.11	4.27	5.74	66.40	11.13	1.36	2	16	19						

DDH: FAG0068 UTM-N: 904,980.5 UTM-E: 592,427.3 UTM-ELEV: 1,145.4 TOTAL DEPTH: 65.2 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000

LOGH: FAGU03W UTM-N: 904,900.5 UTM-E: 592,427.0 UTM-ELEV: 1,145.4 TOTAL DEPTH: 65.2 SECTION: W 70
 RFE: S2 RFF DIP: 200 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
1.4	0001	404	REFILLED AS FAGU111	0.5-	1
1.6	0002	4K4		0.5-	1
4.6	0003	4E4*	POROUS	0.5-	1
6.2	0004	4E0		0.5-	1
7.6	0005	404		0.5-	1
8.6	0006	4E4#	POROUS	0.5-	1
9.2	0007	404		0.5-	1
10.9	0008	4E4		0.5-	1
14.3	0009	4E4@	& POROUS	0.5-	1
15.6	0010	4G4	(4E)	0.5-	1
16.9	0011	4AC	(4A4)	0.5-	1
20.1	0012	4L0	(5A) (504*)	0.5-	1
20.9	0013	504@		0.5-	1
22.1	0014	4L2		0.5-	1
23.7	0015	4AC		0.5-	1
24.5	0016	4L2	(504*)	0.5-	1
26.0	0017	3A62		0.5-	1
33.5	0018	5B6	(4L5@ [504*])	0.5-	1
35.1	0019	5B4	(4L5@ [504*])	0.5-	1
44.2	0020	5B6	(4L0)	0.5-	1
47.3	0021	4E4	(4L0)	0.5-	1
50.4	0022	5B49	(4L0) 90:10	0.5-	1
51.6	0023	4G4	8#	0.5-	1
53.4	0024	4G4#		0.5-	1
54.3	0025	4G4	8#	0.5-	1
54.6	0026	4G4#		0.5-	1
56.2	0027	4L3		0.5-	1
57.0	0028	4G4#	(4E0) (4L0)	0.5-	1
57.5	0029	4G4*	8	0.5-	1
61.2	0030	4E18	#2	0.5-	1
65.2	0031	4G4#	8	0.5-	1

DDH: FAG0032 UTM-N: 904260.5 UTM-E: 590427.3 UTM-ELEV: 1,145.4 TOTAL DEPTH: 65.2 SECTION: W 70
 RFE: 32 RFE DIR: 200 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SC	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGUC85	0.0	1.5	PS2	P	0	0	0	0	0	0	40	230	0	C	1	1	1	1
FAGUC86	0.0	6.3	PS2	P	0	0	0	0	0	0	40	230	0	C	1	1	1	1
FAGUC87	0.0	15.6	PS2	P	0	0	0	0	0	0	60	230	0	C	1	1	1	1
FAGUC88	0.0	19.9	PS2	P	0	0	0	0	0	0	60	230	0	C	1	1	1	1
FAGUC88	0.0	22.5	CS2	3	0	0	0	0	0	0	75	230	0	C	1	1	1	1
FAGUC88	0.0	23.4	CS2	3	0	0	0	0	0	0	60	230	0	C	1	1	1	1
FAGUC88	0.0	27.1	PS2	P	0	0	0	0	0	0	70	230	0	C	1	1	1	1
FAGUC88	0.0	30.0	PS2	P	0	0	0	0	0	0	60	230	0	C	1	1	1	1
FAGUC88	0.0	31.1	PS2	P	0	0	0	0	0	0	60	230	0	C	1	1	1	1
FAGUC88	0.0	34.1	PS2	P	0	0	0	0	0	0	60	230	0	C	1	1	1	1
FAGUC88	0.0	47.5	PS2	P	0	0	0	0	0	0	60	230	0	C	1	1	1	1
FAGUC88	0.0	48.4	CS2	3	0	0	0	0	0	0	70	230	0	C	1	1	1	1
FAGUC88	0.0	49.3	CS2	S	0	0	0	0	0	0	50	230	0	C	1	1	1	1
FAGUC88	0.0	50.9	PS2	P	0	0	0	0	0	0	55	230	0	C	1	1	1	1
FAGUC88	0.0	51.7	PS2	P	0	0	0	0	0	0	35	230	0	C	1	1	1	1
FAGUC88	0.0	54.4	PS2	P	0	0	0	0	0	0	40	230	0	C	1	1	1	1
FAGUC88	0.0	57.5	PS2	P	0	0	0	0	0	0	40	230	0	C	1	1	1	1
FAGUC88	0.0	59.6	PS2	P	0	0	0	0	0	0	55	230	0	C	1	1	1	1
FAGUC88	0.0	62.0	PS2	P	0	0	0	0	0	0	75	230	0	C	1	1	1	1
FAGUC83	0.0	64.0	PS2	P	0	0	0	0	0	0	65	230	0	C	1	1	1	1

DDH: FAGU088 UTM-N: 904,960.5 UTM-E: 592,427.3 UTM-ELEV: 1,145.4 TOTAL DEPTH: 65.2 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD		
FAGU088	4.6	6.2	P1R		5		0	0	0	0	1	
FAGU088	7.6	8.8	X3				0	0	0	0	1	
FAGU088	8.8	9.3	P				0	0	0	0	1	
FAGU088	9.3	10.7	G?				0	0	0	0	1	
FAGU088	10.7	10.9	B				0	0	0	0	1	
FAGU088	10.9	14.3	3P		5		0	0	0	0	1	
FAGU088	14.4	15.3	G?P		3		0	0	0	0	1	
FAGU088	0.0	19.6	S?				0	0	0	0	1	
FAGU088	0.0	21.6	1G				0	0	99	999	0	1
FAGU088	35.1	47.2	G				0	0	0	0	1	
FAGU088	55.2	56.2	R				0	0	0	0	1	
FAGU088	0.0	61.6	X				0	0	0	0	1	

W0048024 2400

DOWN-HOLE SPLINES (2H120)

PAGE: 14

JOH: FAGUC8E UTM-N: 904,960.5 UTM-E: 592,427.3 UTM-ELEV: 1,145.4 TOTAL DEPTH: 65.2 SECTION: W 70
RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

JOH SEGMENT NOS COND INDICATOR

FAGUC8E 1 1

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 7
Date: Aug 25/81

Hole Number: FAGU088 (76-U088)

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: VANGORDA PLATEAU

Claim: _____

Terr. Plane Co-ords.: 604960.5 N

592427.3 E

Grid Co-ords: 70W

6N

Elevation: 1145.4m

Total Depth: 65.2m

Purpose: Definition

Reason hole Terminated: Bad Ground Redrilled later as U-111

Logged by: RST.

Date(s) Logged: Aug 25/81

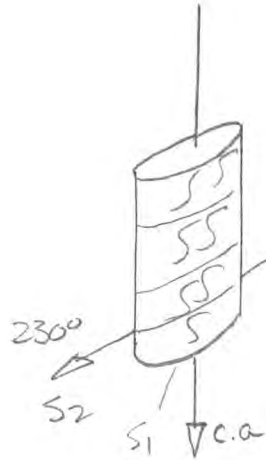
Drilling Contractor: _____

Size	<u>CORE</u> From	To	Collar Cased and Capped: _____
<u>BQ</u>	<u>0</u>	<u>65.2m</u>	

Hole Cemented: _____

Steel down hole: _____

Started: May 17/76 Completed: May 17/76



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

*UTM
Conversion of
K-4 Survey
Co-ords*

DDH F.A.G.U.088
2 8

Cyprus Anvil Mining Corp.

Page 2 of 7

Diamond Drill Core Log

Date: Aug 25/81

Logged By: PST

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	F.A.G.U.088	1145.4	9049.60	59242.73	metres	S2

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 8 10 14 22 26 28 32 34 56				
R	F.A.G.U.088	00	180.0	0.0	A.T. COLLAR

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

DDH FA9088
2 8

Cyprus Anvil Mining Corp.

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Lithologic Log

Date: Aug 25/81

Logged By: PST

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	14		1	4E4	0.1m rec.
L	14	18		2	4K4	1cm clots of ankerite in porous 4K4. Same start to holes as U111 which is redull of this hole
L	18	46		3	4E4*	porous Reacts weakly to 10% HCl. minor < 2% ank. clots. 1.5 to 4.6 m 0.9m Rec.
L	46	62	0.7	4	4E9	Rec. 0.7 ground core at end of interval
L	62	76		5	4DA	fractured at top of interval 1cm gk bands ^{sphgmatic} in py.
L	76	88		6	4EH*	porous ground core brecciated and fractured weakly calc.
L	88	93		7	4D4	poor rec. of unit 5 in appearance.
L	93	109		8	4E4	Essentially sulphide sand (fault) to 10.7m ground core to Eol
L	109	143	1.6	9	4E4*	ground core ankerite clots at start of unit minor ankerite porous. 4E. 1.6m Rec
L	143	156		10	4A4	4A4 @ start; 4.4-15.3 AE/sand (fault) Rec 0.2m 4A4 from 15.3 to Eol L minor ank ank clots
L	156	169		11	4A9	(4A4) 0.1m 4A4 @ start of interval.
L	169	201		12	4L0	(5A, 5C4) 17.4m 0.1m; 17.5-19.2m 5C4* ank to dolo @ end. 19.65A pass shear.
L	201	209		13	5C4*	tan buff fuchsitic, ankeritic. in py 5g at last 0.1m of unit, gauge 0.1m @ 21.6 pass 1/52
L	209	221		14	4L2	5-7% py 1/52
L	221	237		15	4A0	minor sph gm near end of int. @ 23.2
L	237	245		16	4L2	7% py (5C4*) 0.1m 5C4* fuchsitic in middle unit and over last 0.2m
L	245	260		17	5A6.2	Essentially carbonaceous phyllite dark grey-black.
L	260	335		18	5B6	(4L5) ^{ank} essentially 5B6 with narrow bands to 0.1m thick developed @ 26.4, 26.9, 28.7, 30.1, 30.8.
L	335	351		19	5B4	(4L5) ank. 4L5 developed over 0.2m at start of hole.
L	351	442		20	5B6	(4L0) Gauge 95g
L	442	473		21	4E4	(4L0) Gauge 95g; to 45.7 is mixed 4E4 4L0 gauge. The rest is essentially

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	47	3	50	4				22	5B49	(4L0)	weakly altered 5B6 over 90% d with grading to 4L0 over last metre minor sph & gn developed on S ₂ < 1/2 bl 2m
L	50	4	51	8				23	4G4	±*	weak development of dolo. in places poss. bc.
L	51	8	53	4				24	4G4*		reacts quite strongly with 10% HCl calc
L	53	4	54	3				25	4G4	±*	weakly dolomitic in places. poss. bc
L	54	3	54	6				26	4G4*		reacts strongly with 10% HCl. 20% BaSO ₄ approx 4E4
L	54	6	56	2				27	4L3		talcose 4L background over last metre
L	56	2	57	0				28	4G4*		(4E0, 4L0) minor 4E0 @ start of unit (0.1m) 4L0 @ end. calcareous 4G4*, 10% BaSO ₄ ⇒ 4E64
L	57	0	57	5				29	4G4*	8	weakly reactive with 10% HCl. dols. mgte. < 1/2 mgte.
L	57	5	61	2				30	4E1	8	* weakly calcareous as fine laminae minor ank, dols. mgte along S ₂ 3% d over. talcmlms
L	61	2	65	2				31	4G4*	8	very weakly calcareous 10% mgte as S ₂ dms. dolo. & thuybark unit. Bx over 0.2m @ 61.6 EOH @ 65.2

DDH FAGU088
2 8

Cyprus Anvil Mining Corp.
Structural Log

Page 5 of 7
Date: Aug 26/81 Logged By: FST

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				15	INDR						40	230	
S				16	INDR						40		
S				15	INDR						60		
S				19	INDP						60		
S				22	CS23						75		
S				23	CS23						60		
S				27	INDP						70		
S				30	INDP						60		
S				31	INDP						60		
S				34	INDP						60		Gauge starts at 35.1 ending at 47.2 indeterminate orientation.
S				47	INDP						60		
S				48	CS23						70		
S				49	CS2S						50		
S				50	INDR						55		
S				51	INDR						35		
S				54	INDR						40		
S				57	INDR						40		
S				59	INDR						55		61.7 bx.
S				62	INDR						75		
S				64	INDR						65		

ASSAY LOG (SAMPLER'S COPY)

Date Aug 26/81

Sampled by [Signature]

NB

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
		00		14				14	10	10	4E4		Poor recovery no sample
P		14		18	112215			04	04	04	4K4		
P		18		46	112226			28	06	06	4E4*		porous
P		46		62	112228			16	07	07	4E0		
P		62		76	112229			06	06	06	4D4		
P		76		88	112230			12	08	08	4E4*		por. bx.
P		88		93	112231			05	05	05	4D4		
P		93		109	112232			16	11	11	4E4		
P		109		126	112233			17	09	09	4E4*		
P		126		143	112234			17	07	07	4E4*		
P		143		156	112235			13	07	07	4G4		(4E4)
P		156		169	112236			13	07	07	4A0		(4A4)
P		209		221	112237			12	12	12	4L2		
P		221		237	112238			16	16	16	4A0		
P		504		518	112239			14	13	13	4G4		±*
P		518		534	112240			16	14	14	4G4*		
P		534		543	112241			09	08	08	4G4		±*
P		543		546	112242			03	03	03	4G4*		
P		562		570	112243			08	08	08	4G4*		(4E0, 4L0)
P		570		575	112244			05	05	05	4G4*		8
P		575		593	112245			18	18	18	4E1.8*		
P		593		612	112246			19	19	19	4E1.8*		
P		612		632	112247			20	20	20	4G4*		8
P		632		652	112248			20	20	20	4G4*		8

DDH F.A.G.U. 088
2 8

Cyprus Anvil Mining Corp.

GEOTECHNICAL LOG

Structural Log

Date: Aug 26/81

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Logged By: FST

Blocks: Pee 8

FRACTURES

Code	From		To		Feature			S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28	Dip	Direct.	Dip	Direct.	Dip	
g		00		55										ORE
g		55		65		70			00	m		4		
g		65		75		95			00	m		5		
g		75		85		95			01	m		5		
g		85		95		95			00			8		
		115		125		60								Gouge 1152
		125		135		70								Gouge 1152
		135		145		25								Gouge 1152
		145		155		30		0						Gouge 1152
g		155		165		100	0	01				6		
g		165		213										ORE
														EoH

Feet

DDH FAGUO88
 2 8

Cyprus Anvil Mining Corp.
 Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From		To		Feature	SYE	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	26	28	32	34	38	40	44						
F		46		62	P4R5								
F		76		88	XB								
F		88		93	P								
F		93		107	G?								Sand
F		107		109	B								
F		109		143	B45								
F		144		153	G?P3								Sand
F				196	S?								
F				216	IG			99	99	99			
F		351		472	G								
		442		473	G								
F		552		562	R								
F				616	X								

Interval		DESCRIPTION	Recovery	Sample N ^o	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
22.1	23.7				QUARTZ SERICITE PHYLLITE (SPg). Interbanded Py and graphitic phyllite. F -70°; F -55°. Py-10%. 2 1	1.8/2.6											
23.7	35.1	QUARTZ SERICITE PHYLLITE (S+S _{Bm} +S _s). 23.7-23.9: (S _{Bm}) bleached phyllite with mariposite. 24.4-24.6: Core is soft, and almost white. Sections (<5m) of white or bleached (see above) phyllite within dark gray phyllite. F -55°. Core is platy. 2	10.0/11.4														
35.1	47.3	FAULT GOUGE (F). Core is consolidated phyllite mud. 44.2-45.7: Massive sulphide? mud! 70 5	4.0/12.2														
47.3	50.4	WHITE PHYLLITE (S _s). Light gray, F -65°; F perpendicular to F. Occasional quartz veins (~5mm). 2 1 2															
50.4	54.7	MASSIVE SULPHIDES (MB). 35 10 Sulphide in a groundmass of barite-50%. No visible 35 10 F or F 35 10 1 2.	1.4 1.5 1.4	2851 2852 2853	50.4 51.8 54.7	51.8 53.3 54.7	1.4 1.5 1.4	6.05 7.05 7.15	9.15 9.15 9.15	94.62 100.80 104.91			8.47 10.575 10.01	12.81 13.725 12.81	132.47 151.2 146.87		

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x		
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
54.7	56.2	BLEACHED PHYLLITE (Sb). 10 5	1.3	2854	54.7	56.2	1.5	2.83	4.15	41.48			4.245	6.225	62.22
		Thin bands and blebs of zinc in pale yellow-white phyllite.													
56.2	62.5	MASSIVE SULPHIDES (MQ). 45 20	1.7	2855	56.2	57.9	1.7	6.58	6.88	85.71			11.186	11.696	145.707
		Sulphides in a groundmass of quartz-25%. F -65°. 65 8	1.5	2856		59.4	1.5	2.73	2.00	27.42			4.095	3.00	41.13
		Zinc is disseminated throughout section. 60 6	1.5	2857		61.0	1.6	2.85	1.64	32.22			4.56	2.624	51.552
		Also finely disseminated magnetite. 60 5	1.5	2858		62.5	1.5	5.80	7.26	79.54			8.70	10.89	119.31
62.5	65.5	QUARTZ SULPHIDES (PB). 25 12	1.5	2859	62.5	64.0	1.5	3.69	7.16	60.34			5.535	10.74	90.51
		Interbanded quartz and sulphides F -70°. Core is 25 10	1.5	2860		65.5	1.5	1.90	4.00	32.22					
		competent. Continuation of magnetite.													
65.5		END OF HOLE.		W.Av.	50.4	57.4	4.3	6.76	9.15	100.12			29.055	39.345	430.54
				W.Av.	50.4	64.0	13.6	4.95	6.21	69.19			67.376	84.520	940.97
				W.Av.	57.9	61.0	3.1	2.79	1.81	28.89			8.655	5.624	92.682

DDH: FAGU088 -- 42 DEGREE PROFILE

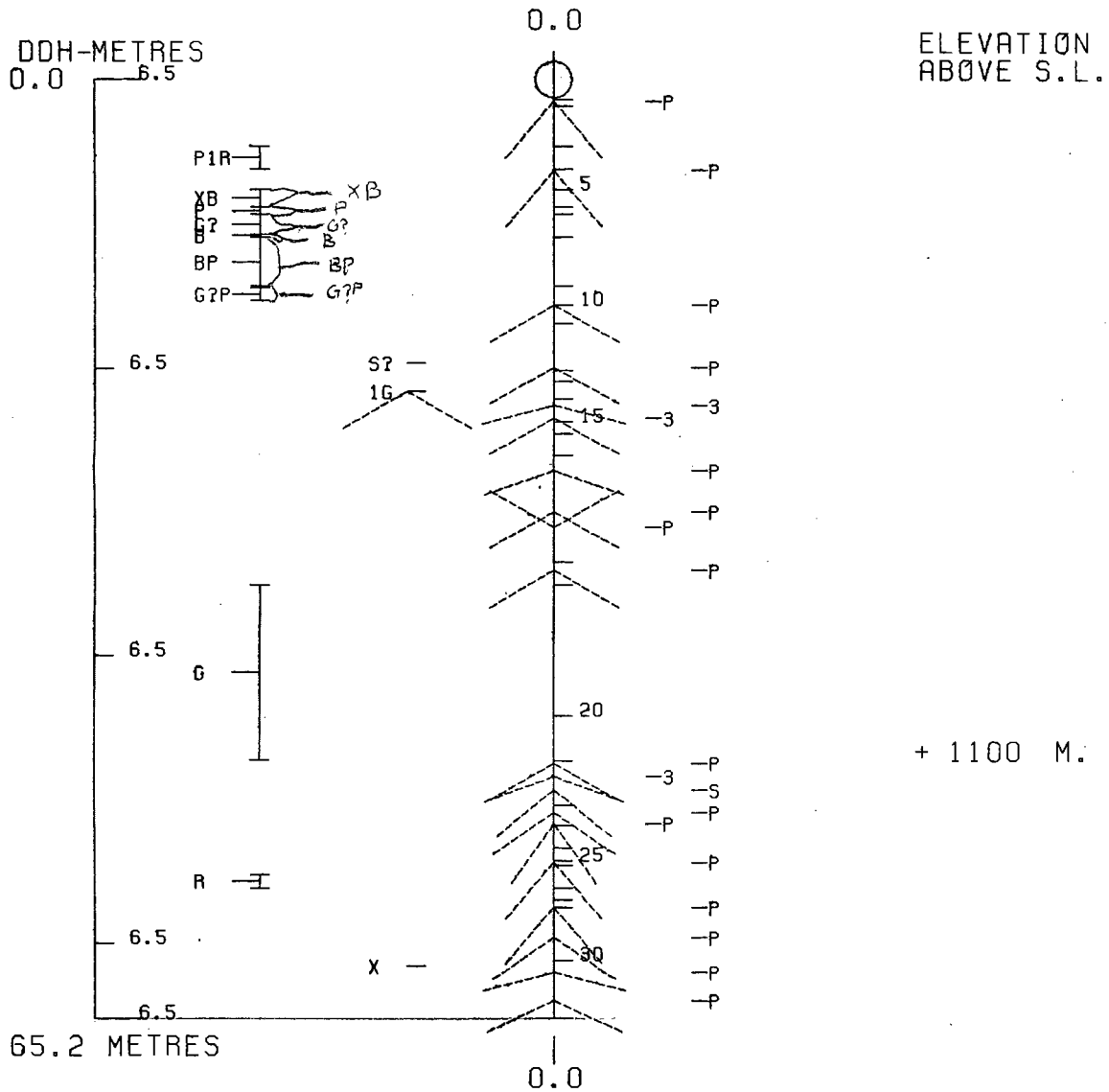
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1145 592427E ; 904961N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 557.9 Z = 1146.7

SECTION NAME: 70W



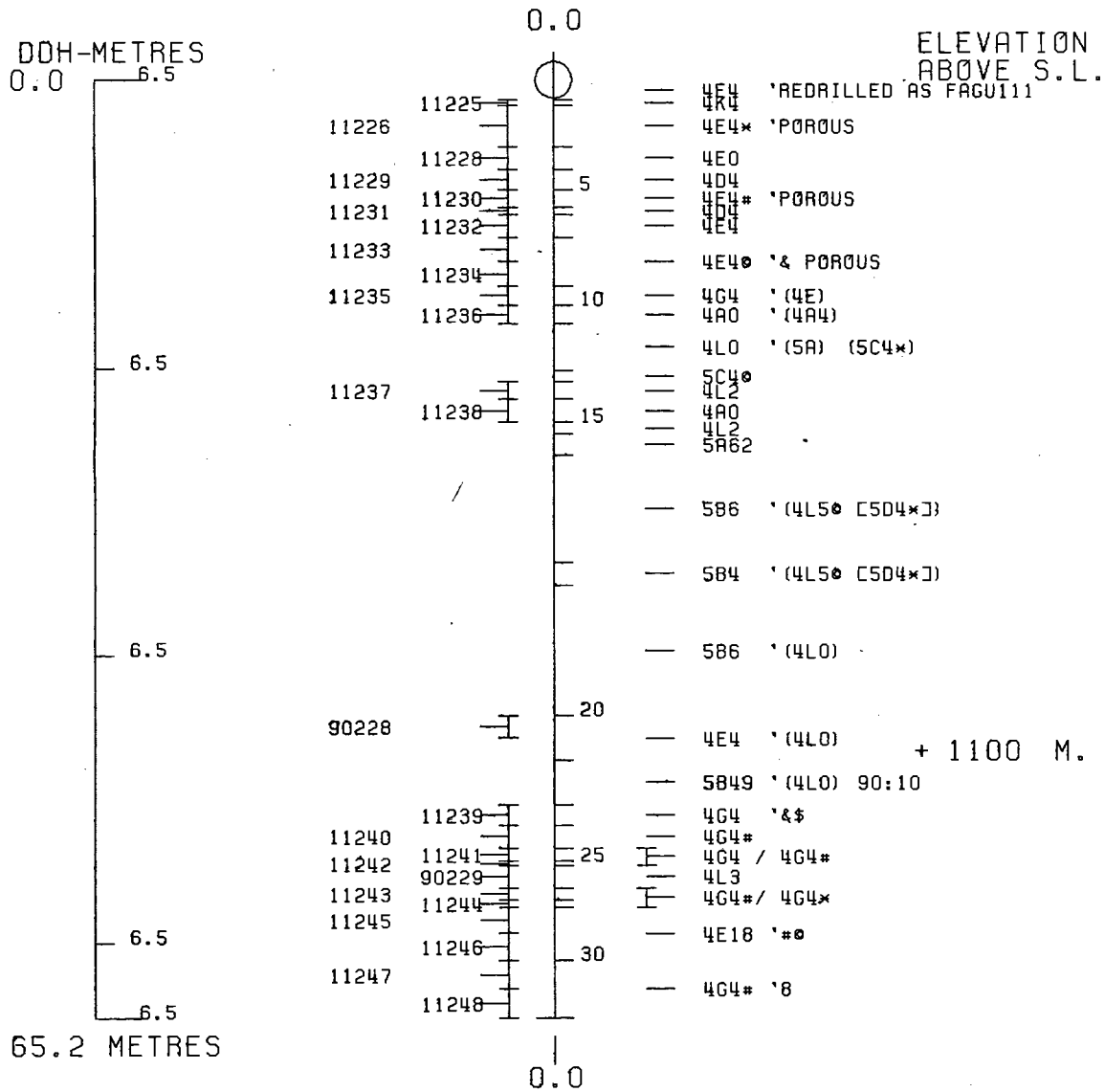
DDH: FAGU088 -- 42 DEGREE PROFILE (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1145 592427E ; 904961N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 557.9 Z = 1146.7

SECTION NAME: 70W



2 *

FAGU090

DRILL HOLE : FAGU090
NORTHING : 904,962.9
EASTING : 592,427.5
ELEVATION : 1,145.4
TOTAL DEPTH : 79.2
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 0

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 8
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 22
NOS DOWN-H-STRUCTURE: 0
NOS DOWN-H-FAULTS: 13
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DR: FAG090 UTM-N: 904782.3 UTM-E: 5727427.5 UTM-ELEV: 17145.4 TOTAL DEPTH: 79.2 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHE CALC: 1 SS CALC: 0

---DEPTHS---		SAMPLE NO.	INT. REC.	ROCK UNIT	-----ASSAYS-----														
FROM	TO				S.G. PULP	CU %	FE %	ZN %	AG(AA) G/MT	AC(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	SA %
.0	3.0	11008	3.0	.7 4E4	4.67	.17	8.50	10.10	119.00		1.92	1	27	28					
3.0	6.1	11009	3.1	1.1 4E4	4.70	.22	9.20	19.70	139.00		2.40	1	23	25					
6.1	9.2	11010	3.1	1.6 4E4	4.63	.11	7.20	13.20	121.00		1.71	1	26	27					
9.2	12.2	11011	3.0	1.7 4E4	4.64	.25	8.60	10.90	113.00		2.06	1	28	29					
12.2	13.7	11012	1.5	1.5 4A4	3.70	.16	2.90	4.00	62.00		.89	1	20	21					
13.7	15.2	11013	1.5	1.0 4A4	4.29	.13	3.30	5.40	61.00		.96	1	21	22					
15.2	17.0	11014	1.8	1.2 4E4	3.49	.12	2.50	4.10	52.00	53.00	1.03	1	15	16					
17.0	18.3	11015	1.3	1.3 4A0	3.07	.01	.06	.07	4.00		.14	3	1	4					
WEIGHTED AVERAGE																			
.0	18.3		18.3	10.1	4.32	.16	6.01	10.19	97.38	5.21	1.61	1	22	24					

0 1 500000 UTM-N: 904,962.0 UTM-E: 592,427.5 UTM-ELEV: 1,145.4 TOTAL DEPTH: 79.2 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	151.900	38.900

DHO - FAGU000

HIM-N: 904,962.9

UTM-E: 592,427.5

UTM-ELEV: 1,148.4

TOTAL DEPTH:

79.2 SECTION: K 70

RFE: S2

RFE DIR:

230 PLUNGE ANGLES:

11

312 DHD CALC:

1 SS CALC:

0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
12.2	0001	4E4	REDRILLED SEE FAGU113	0.5-	1
15.2	0002	4A4		0.5-	1
17.0	0003	4E4		0.5-	1
18.3	0004	4A4		0.5-	1
18.9	0005	4A0		0.5-	1
19.8	0006	4LC		0.5-	1
21.3	0007	5B3		0.5-	1
26.2	0008	5B62		0.5-	1
37.0	0009	5B6		0.5-	1
38.1	0010	5B62		0.5-	1
39.8	0011	4L2		0.5-	1
42.9	0012	5B6		0.5-	1
47.2	0013	4LC	(4L2)	0.5-	1
53.3	0014	5B6		0.5-	1
61.0	0015	5B62		0.5-	1
73.4	0016	4LC	(4L2)	0.5-	1
74.4	0017	10Q08	9	0.5-	1
74.9	0018	4D4		0.5-	1
76.2	0019	4LC	(10Q0)	0.5-	1
77.2	0020	4E4B	BXA	0.5-	1
77.8	0021	4L51	8	0.5-	1
79.2	0022	4E4B		0.5-	1

BORE HOLE FAULTS (DHG70)

PAGE: 27

UTM-N: 904,942.9 UTM-E: 592,427.5 UTM-ELEV: 1,145.4 TOTAL DEPTH: 75.2 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH	F DEPTH	T DEPTH	FEAT	RFC	CC	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD	
FAGUC90	0.1	12.2	D?P	1			0	0	0	0	1
FAGUC90	15.2	17.0	P	2			0	0	0	0	1
FAGUC90	18.3	18.9	B				0	0	0	0	1
FAGUC90	0.0	21.5	BG				0	0	0	0	1
FAGUC90	0.0	24.3	BG				0	0	0	0	1
FAGUC90	0.0	24.6	BG				0	0	0	0	1
FAGUC90	26.2	37.0	G3F				0	0	0	0	1
FAGUC90	39.8	42.9	BG	3			0	0	0	0	1
FAGUC90	42.9	47.2	P	4			0	0	0	0	1
FAGUC90	47.2	53.3	GF	3			0	0	0	0	1
FAGUC90	53.3	61.0	B1G	4			0	0	0	0	1
FAGUC90	73.2	73.4	G				0	0	0	0	1
FAGUC90	76.2	77.2	D				0	0	0	0	1

TITLE: 34 GRUP

DOWN-HOLE SFLINES (DHD20)

PAGE: 23

EDH: FAGUC90 UTM-N: 904,962.9 UTM-E: 592,427.5 UTM-ELEV: 1,143.4 TOTAL DEPTH: 79.2 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DRD CALC: 1 SS CALC: 0

EDH SEGMENT NOS CMD INDICATOR

FAGUC90 1 1

NB DO NOT PLOT

ASSAY COMPARISON ONLY

CYPRUS ANVIL MINING CORPORATION

Page 1 of 4

DIAMOND DRILL CORE LOG

Date: 23 AUG 81

Hole Number: FAGU 090

Reference Fabric Orientation Diagram:

Project: GRUM RENOG

Location: 70 W

Claim: _____

U.T.M.
Terr. Plane

Co-ords.: 6904962.9 N

592427.5 E

Grid
Co-ords: _____

NO STRUCTURE
HOLE RE-DRILLED
By FAGU 113

All symmetry determinations looking

Elevation: 1145.4 m.

NW with S₂ dipping

Total Depth: 79.2 m

SW with dip azimuth 230°

Purpose: U/G GRUM DRILL

Reason hole Terminated: _____

Logged by: DST JGS

Date(s) Logged: 23 AUG 81

Drilling Contractor: CM.

Size	CORE From	To	Collar Cased and Capped:
<u>BQ</u>	<u>0</u>	<u>79.2</u>	_____

Hole Cemented: _____

Steel down hole: _____

Started: 18 MAY 76 Completed: 21 MAY 76

conversion of
K-A survey
grid coords

DDH FAGU.09.0
2 8

Diamond Drill Core Log Date: 23 AUG 81 Logged By: DSJ-JGS

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	FAGU090	1114.5	1490.4	9162.9	5924.27	5 METRES 82

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 8 10 14 22 26 28 32 34 56				
R	FAGU.090	00	151.9	137.4	A.T. COLLAR

38.9 for True North

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
I	2 8 10 56	
1		THIS HOLE NOT TO BE PLOTTED SEE PAGE 1

NB

90 E IS REPEAT OF 90 FROM 37.2 TO 67.1
AND NOT RELOGGED - 113 IS REPEAT
AND CONTINUATION OF FAGU 90.

DDH FAGU.0.90.
2 8

Cyprus Anvil Mining Corp.

Page 3 of 4

Lithologic Log

Date: 22 AUG 81 Logged By: JGS DSJ

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
L	100	112	2	101	41E41	Δ Breccia ore in part. 7.2-7.6 4D4					
L	112	115	2	102	4A4	0-12.2 = 4.2 m REC ONLY!					
L	115	117	0	103	41E44	0.7 m REC					
L	117	118	3	104	4A4						
L	118	118	9	105	4A9	Brkn Core poss F. NIL/ATT					
L	118	119	8	106	4L10						
L	119	121	3	107	5B3						
L	121	126	2	108	5B6.2	Bkn Core 9 Gauge 21.5/24.5/24.6 NIL/ATT					
L	126	137	0	109	5B6	Gauge CLAY MAJOR FAULT NIL/ATT					
L	137	138	1	110	5B6.2	Bkn Core. (pyrite GGE 27.3-27.4)					
L	138	139	8	111	4L2						
L	139	142	9	112	5B6	Bkn Core Gauge NIL/ATT REC 0.7 m					
L	142	147	2	113	4L10	(4L2) 1.7 m REC.					
L	147	153	3	114	5B6	Gauge F. 2 m REC NIL/ATT					
L	153	161	0	115	5B6.2	Bkn core gauge in part REC 3 m.					
L	161	173	4	116	4L10	(4L2) Gauge 73.2-73.4					
L	173	174	4	117	10Q0*	DOL QTZ VEIN + Pb. Zn Py.					
L	174	174	9	118	4A4						
L	174	176	2	119	4L10	10Q0 76.1-76.2					
L	176	177	2	120	41E48	Δ Breccia ore					
L	177	177	6	121	4L5I	ANK.					
L	177	179	2	122	41E48						
						END OF HOLE. @ 79.2					

NB

DDH FAGU.09.0 Cyprus Anvil Mining Corp

Page _____ of _____

Logged by _____

ASSAY LOG (SAMPLER'S COPY)

Date 23 Aug 81

Sampled by PSJ-JGS

CODE	FROM		TO		SAMPLE	INTR.			REC (m)		UNIT	DESCRIPTION
	10	14	16	20		22	26	28	30	32		
P		100		130	1110108				30	107	14E41	
P		130		161	1110109				31	111	14E41	
P		161		192	1110110				31	110	14E41	
P		192		1122	1110111				30	117	14E41	
P		1122		1137	1110112				15	115	14A41	
P		1137		1152	1110113				15	110	14A41	
P		1152		1170	1110114				18	112	14E41	
P		1170		1183	1110115				13	118	14A41	
P		1734		1744	1110116				10	110	119910*	
P		1744		1749	1110117				05	105	14D41	
P		1762		1776	1119118				14	111	14D141 (4L0)	
P		1766		1792	1110119				26	120	14E148	
												END OF HOLE @
												79.2

DDH FAGU090
2 8

Cyprus Anvil Mining Corp.

Page 4 of 4

Structural Log

Date: 23 AUG 81 Logged By: DJF JGS

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				
1																			
																			NOT REQUIRED
																			RE DRILLED
																			By FAGU 113

DDH FAG0090
2 meters 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	SYE	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F			00		DIP	1							
F			15		P	2							
F			18		B								
F					SG								
F					BG								
F					BG								
F			26		G3F								
F			39		BG	3							
F			42		P	4							
F			47		GF	3							
F			53		B	164							
F			73		G								
F			76		D								

Interval		DESCRIPTION	Recovery	Sample N ^o	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
53.3	59.4	QUARTZ SERICITE PHYLLITE (S). Typical-dark gray, incompetent, F -45°. ₂	2.2/6.1														
59.4	61.0	QUARTZ SULPHIDES (P). Banded sulphides in quartz groundmass. F -45°. ₂	10 8 0.3	2873	59.4	61.0	1.6	1.11	1.45	17.14							
61.0	73.7	WHITE PHYLLITE (Ss). Yellow-gray, F variable 15-35° @ 67.0 fold nose? ₂	5.0/12.7		61.0	73.7											
		67.1-68.6: Sulphides w/, w/o F banding. ₂	10 6 1.2	2874	67.1	68.6	1.5	0.64	0.48	7.20							
73.7	79.2	MASSIVE SULPHIDE BRECCIA (MXq, MXk) 73.7-74.3: Dull white quartz, feldspathic material with sulphide blobs.	10 10 0.5	2875	73.7	74.3	0.6	2.18	1.73	47.31							
		74.3-77.4: MXq-large fragments of sulphide breccia in quartz-sulphide groundmass. Flecks of magnetite.	60 12 0.6	2876	74.3	75.0	0.7	7.67	7.84	135.09							
		75.0-76.2: Intermediate section of white phyllite. Core is crumbly and broken.	0.8/1.2		75.0	76.2											
		77.4-79.2: MXk-large sulphide fragments in carbonate cement. Flecks of magnetite.	60 13 65 11 1.2 1.8	2877 2878	76.2 77.4	77.4 79.2	1.2 1.8	4.03 3.63	5.30 4.03	53.49 44.23			4.836 6.534	6.36 7.29	64.188 79.614		
79.2		END OF HOLE.		W.Av.	76.2	79.2	3.0	3.79	4.55	47.93			11.370	13.65	143.802		

DDH: FAGU090 -- 42 DEGREE PROFILE

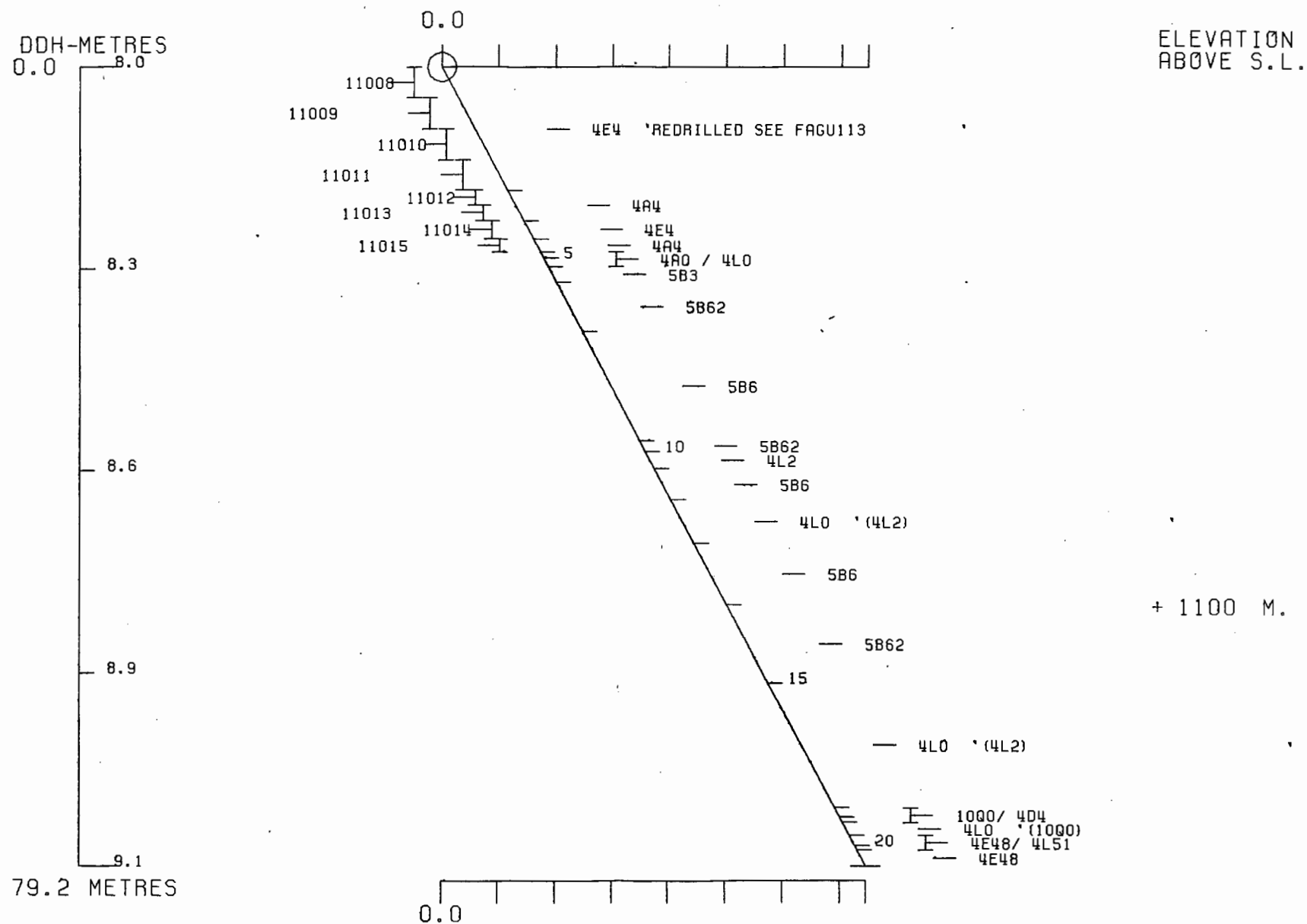
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1145 592428E ; 904963N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 559.8 Z = 1146.9

SECTION NAME: 70W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 27 SEP 1984 11:08 AM



DDH: FAGU090 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1145 592428E ; 904963N

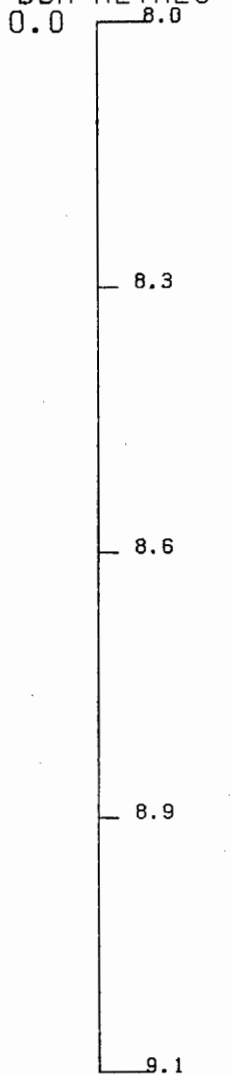
PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 559.8 Z = 1146.9

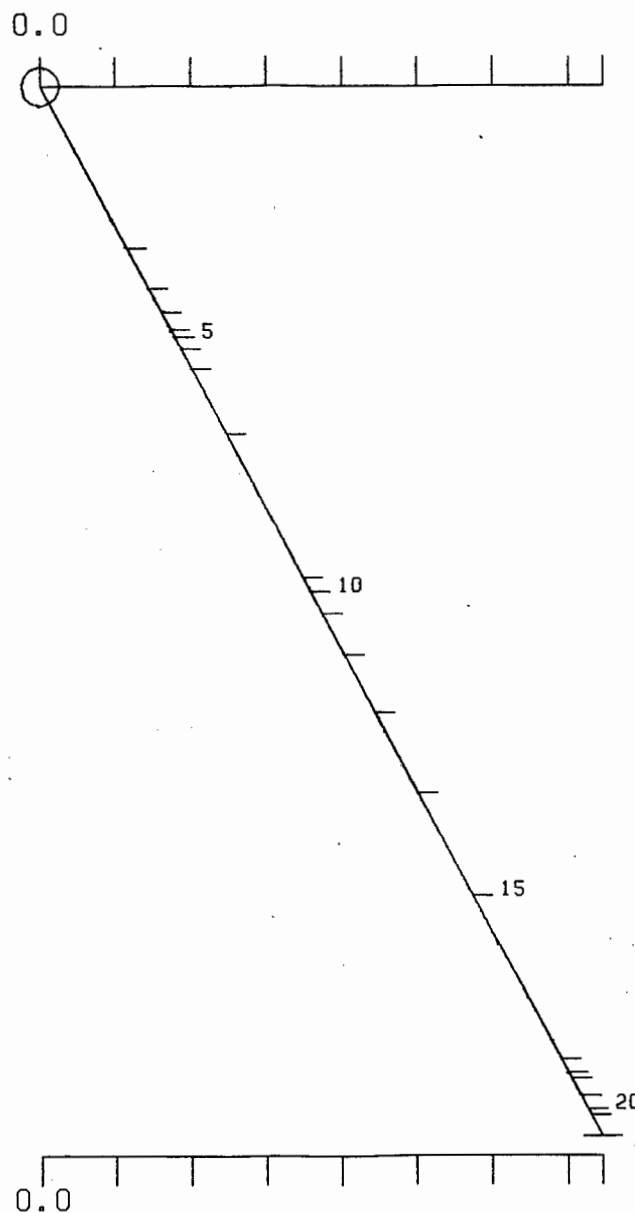
SECTION NAME: 70W

ELEVATION
ABOVE S.L.

DDH-METRES
0.0



79.2 METRES



+ 1100 M.



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 27 SEP 1984 11:08 AM

FAGU092

DRILL HOLE : FAGU092
NORTHING : 904,959.4
EASTING : 592,424.5
ELEVATION : 1,146.4
TOTAL DEPTH : 73.2
SECTION : W 7C
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: 32
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 24
NOS DOWN-H-STRUCTURE: 14
NOS DOWN-H-FAULTS: 13
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

LOG: FAG0292 UTM-N: 2047959.4 UTM-E: 592424.5 UTM-ELEV: 1,146.4 TOTAL DEPTH: 70.2 SECTION: W 70
 RFE: SE RFE DIF: 230 PLUNGE ANGLES: 11 312 DFC CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT. REC.	ROCK UNIT	S.G. PULP	ASSAYS														
FROM	TO					CU %	PR %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PC %	PY %	TCT FE	EAO %	HG %	MN %	AS %	BA %	S.G. W.R.
1.0	2.0	11132	1.0	1.0	40E4	3.90	.02	8.00	16.20	128.00		1.17	2	15	17					
2.0	3.3	11133	1.3	1.3	4E04	4.69	.17	9.40	13.30	166.00		2.81	1	27	29					
3.3	4.6	11134	1.3	1.3	4E04	3.41	.05	8.40	12.70	123.00		1.92	2	26	28					
4.6	6.1	11135	1.5	1.5	4D43	3.79	.01	9.10	15.10	139.00		1.51	1	12	14					
6.1	7.6	11136	1.5	1.5	4D43	3.67	.02	8.00	14.60	113.00		1.37	2	11	13					
7.6	8.9	11137	1.3	1.3	4E4	4.64	.06	10.00	18.30	126.00		1.51	2	24	26					
8.9	10.7	11138	1.8	1.3	4E4	4.73	.07	1.53	7.60	35.00		1.44	4	36	40					
10.7	11.0	11139	.3	.3	4E4	4.40	.03	.46	10.90	15.00		.32	11	25	37					
11.0	12.3	11140	1.3	1.3	4E4	4.40	.12	1.58	10.60	38.00	40.00	1.51	5	30	35					
12.3	12.7	11141	.4	.4	4E4	3.21	.02	.80	6.10	22.00	26.00	.89	3	21	25					
12.7	14.6	11142	1.9	.9	4E4*	4.83	.03	1.56	6.30	31.00		1.17	2	39	41					
14.6	16.6	11143	2.0	1.9	4E4*	4.86	.15	7.70	16.00	109.00		2.40	1	29	31					
16.6	18.1	11144	1.5	1.5	4E04	4.30	.10	7.30	12.30	107.00		2.74	2	21	23					
18.1	19.7	11145	1.6	1.1	4E04	4.25	.22	2.20	6.60	39.00		2.40	2	28	31					
19.7	21.2	11146	1.5	1.1	4DE4	3.87	.03	2.80	6.30	53.00		1.78	2	23	25					
21.2	22.8	11147	1.6	1.3	4D3	3.71	.11	1.01	4.40	24.00		2.19	2	22	24					
22.8	24.4	11148	1.6	1.6	4ED	3.61	.09	1.11	4.00	29.00		1.78	1	20	22					
24.4	26.4	11149	2.0	2.0	4A34	3.69	.09	3.00	5.30	49.00		1.78	1	18	20					
26.4	28.4	11150	2.0	1.9	4A34	4.03	.16	3.10	5.60	52.00	53.00	2.13	1	24	25					
28.4	29.9	11301	1.5	1.5	4EC	4.08	.24	2.50	3.00	52.00		3.29	1	28	30					
29.9	31.4	11302	1.5	1.5	4EC	3.89	.18	.93	2.90	32.00		2.67	1	26	28					
31.4	32.8	11303	1.4	1.4	4AE	3.59	.14	2.00	4.00	43.00		1.71	1	19	21					
32.8	34.3	11304	1.5	1.5	4AE	3.82	.13	.40	1.31	16.00		1.37	2	27	29					
34.3	35.9	11305	1.6	1.6	4AE4	3.94	.21	2.30	4.10	43.00		2.33	1	24	26					
35.9	37.5	11306	1.6	1.6	4AE4	3.82	.20	3.40	5.90	56.00		2.26	2	21	23					
37.5	39.6	11307	2.1	2.1	4E14	3.82	.20	2.30	3.30	50.00		2.61	1	23	25					
39.6	41.7	11308	2.1	2.1	4E14	3.68	.10	2.40	2.90	46.00		1.44	1	21	23					
41.7	42.7	11309	1.0	.9	4A34	3.65	.06	1.62	2.90	35.00		.96	1	21	22					
42.7	44.0	11310	1.3	1.2	4AC3	3.67	.08	.71	1.64	24.00		1.30	2	23	25					
44.0	45.4	11311	1.4	1.2	4AC3	3.82	.10	.86	3.50	32.00		1.30	2	26	29					
45.4	46.6	11312	1.2	1.0	4B4	2.95	.01	2.70	6.00	34.00		.41	1	2	4					
46.6	47.7	11313	1.1	1.0	4B4	2.99	.02	4.00	5.20	50.00		.55	1	2	3					

WEIGHTED AVERAGE

1.0 47.7 46.7 43.6 3.96 .11 3.56 7.23 60.26 3.60 1.82 2 23 25

30MAR84 GRUM

DOWN-HOLE SURVEYS (DHD20)

PAGE: 17

DDH: FAGU092 UTM-N: 904,959.4 UTM-E: 592,424.5 UTM-ELEV: 1,146.4 TOTAL DEPTH: 73.2 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH ZENITH AZIMUTH

0.000 39.900 221.500

DDH: FAG0092 UTM-N: 904,959.4 UTM-E: 392,424.5 UTM-ELEV: 1,146.4 TOTAL DEPTH: 73.2 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.0	OC01	#		0.5-	1
2.0	OC02	4D43	(4E14)	0.5-	1
4.6	OC03	4E4	(4D4)	0.5-	1
7.6	OC04	4D43		0.5-	1
8.9	OC05	4E4		0.5-	1
11.0	OC06	4E4	BXA	0.5-	1
12.3	OC07	4E4	& POROUS	0.5-	1
12.7	OC08	4E4	BXA 4E 4K 4L 5C CLASTS	0.5-	1
16.6	OC09	4E4#	S & POROUS	0.5-	1
19.7	OC10	4E41	85 (4D45) & BXA	0.5-	1
21.2	OC11	4D4	85 (4E14)	0.5-	1
22.8	OC12	4C3	85 &4	0.5-	1
24.4	OC13	4E4	81 & POROUS (4D0 85) (4CC)	0.5-	1
28.4	OC14	4A34	80 (4E54 & POROUS &#)	0.5-	1
31.4	OC15	4E4	81 (4C0 85 MINOR)	0.5-	1
34.3	OC16	4A3	(4E1) 84	0.5-	1
37.5	OC17	4AE4	-> (4A34)	0.5-	1
41.7	OC18	4E14	(4A13) (4C0) 85:10:05	0.5-	1
42.7	OC19	4A34	(4C0)	0.5-	1
45.4	OC20	4AC3	(4A3) (4E1)	0.5-	1
47.7	OC21	4B4	SERICITIC	0.5-	1
49.6	OC22	4L1\$	[5C\$]	0.5-	1
55.0	OC23	5B3		0.5-	1
73.2	OC24	5B46	82	0.5-	1

DDH: FAGU092 UTM-N: 904,959.4 UTM-E: 592,424.5 UTM-ELEV: 1,146.4 TOTAL DEPTH: 73.2 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	I DEPTH	FEAT	SYTRY	S0 ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGUC92	0.C	1.7	CS2		0	0	13	230	C	1	1	1
FAGUC92	0.C	7.6	CS2		0	0	17	230	C	1	1	1
FAGUC92	0.C	13.7	CS2		0	0	31	230	C	1	1	1
FAGUC92	0.C	18.2	CS2		0	0	24	230	C	1	1	1
FAGUC92	0.C	20.2	CS2		0	0	57	230	C	1	1	1
FAGUC92	0.C	24.2	CS2		0	0	44	230	C	1	1	1
FAGUC92	0.C	30.3	CS2		0	0	19	230	C	1	1	1
FAGUC92	0.C	36.0	CS2		0	0	36	230	C	1	1	1
FAGUC92	0.C	42.0	CS2		0	0	27	230	C	1	1	1
FAGUC92	0.C	45.7	CS2		0	0	44	230	C	1	1	1
FAGUC92	0.C	49.0	CS2		0	0	0	230	C	1	1	1
FAGUC92	0.C	56.2	CS2	S	0	42	39	230	C	1	1	1
FAGUC92	0.C	62.4	CS2		0	0	29	230	C	1	1	1
FAGUC92	0.C	70.5	CS2	S	0	13	0	230	C	1	1	1

DDH: FAGUC92 UTM-N: 904,959.4 UTM-E: 592,424.5 UTM-ELEV: 1,146.4 TOTAL DEPTH: 73.2 SECTION: W 70
 RFE: 32 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			
FAGUC92	0.0	8.9	R				0	0	C	C	0	0	1
FAGUC92	8.9	11.0	D				0	0	C	C	0	0	1
FAGUC92	12.3	12.7	D				0	0	C	C	0	0	1
FAGUC92	16.6	19.7	R1X				0	0	C	C	0	0	1
FAGUC92	19.7	21.2	R				0	0	C	C	0	0	1
FAGUC92	43.4	47.7	R				0	0	C	C	0	0	1
FAGUC92	0.0	47.7	G				0	0	C	C	0	0	1
FAGUC92	0.0	49.6	G				0	0	C	C	0	0	1
FAGUC92	49.6	55.0	GXR				0	0	C	C	0	0	1
FAGUC92	60.7	61.0	G				0	0	99	999	0	0	1
FAGUC92	66.7	66.8	G				0	0	99	999	0	0	1
FAGUC92	68.9	70.0	G				0	0	99	999	0	0	1
FAGUC92	55.0	73.2	2R				0	0	C	C	0	0	1

30MAR84 GRUM

DOWN-HOLE SPLINES (DHOZD)

PAGE: 21

DDH: FAGU092 UTM-N: 904,959.4 UTM-E: 592,424.5 UTM-ELEV: 1,146.4 TOTAL DEPTH: 73.2 SECTION: W 70
RFE: S2 RFE DIR: 250 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGUC92 1 1

DIAMOND DRILL CORE LOG

Date: 27 Aug/81

Hole Number: FAGU-092 (76-U-92)

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: SECTION 70W

Claim: _____

Terr. Plane Co-ords.: 6 904959.4 N

592424.5 E

Grid Co-ords: 70W

6 N

Elevation: 1146.54

Total Depth: 73.2m

Purpose: DEFINITION - GRUM 1 DEPOSIT

Reason hole Terminated: _____

Logged by: GG

Date(s) Logged: 27 Aug/81

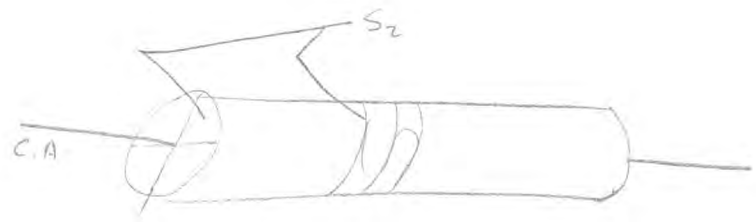
Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
<u>BQ</u>	<u>0.0</u>	<u>73.2</u>	

Hole Cemented: _____

Steel down hole: _____

Started: 22 May/76 Completed: 23 May/76



All symmetry determinations looking

NW with S₂ dipping

SW with dip azimuth 230°.

UTM
Conversion
K-A Survey
grid co-ords

DDH FAG092
2 8

Diamond Drill Core Log

Date: _____ Logged By: GG

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
I	2	8	10	16	17	24
T	FAG092	1146.5	9049.59	45924.5	metres	SZ

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments					
I	2	8	10	14	22	26	28	32	34	56
R	FAG092	00	89.9	229.0	AT COLLAR					

221.5 for True North

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

METRES

Code	From					To					Recov.	No.	Unit	Description	F/W CNT	
	10	14	16	20	22	24	26	28	30	34					35	TYPE
L		00		10		00		00		00		1*	No RECOVERY			
L		10		20								12	A1EA1 +(4EA) - 10-40% QZ AS 0.1-2 cm CLOTS & LAMS; NON-CALC	MASS. SULPHIDE		
L		26		46								3	A1EA1 ±1 + (4D4 - CLOTTY AS UNIT 2)		11S ₂	
L		46		76								4	A1EA1 - LAMS & CLOTS OF QZ (40% OF UNIT = QZ) + (4EA) py = 5% (4B4 AFFINITY?)		11S ₂	
L		76		89								5	A1EA1	COARSE RUBBLE		
L		89		110								6	A1EA1 BRECCIA - 0.1-2 cm ROUNDED & WELL FITTED CLASTS (SEE SKETCH) OF 4EA IN 4EA MATRIX - POORLY ALIGN'D ALONG S ₂ + (SMITHSONITE (?) + (4EA) @ 10.7-11.0m - SMITHSONITE(?) AS CALCAREOUS BOXWORKED LAMINATION)		11S ₂	
L		110		123								7	A1EA1 ± POROUS LAMS + MINOR SMITHSONITE CLOTS @ 12.1m		11S ₂	
L		123		127								8	A1EA1 CLOSED BRECCIA - 4EA, 4K0, 4L3, 5CL ^{ROUND & ANGULAR} CLASTS IN 4EA MATRIX;		11S ₂	
L		127		166								9	A1EA1* SLIGHTLY CALC & DOLO; GRITTY TO SLIGHTLY POROUS SURFACE THROUGHOUT UNIT;		11S ₂	
L		166		197								10	A1EA1 1S/ + (4D4S) - LOCAL CRACKLE BRECCIA; 90% OF UNIT = COARSE RUBBLE;	PROB	11S ₂	
L		197		212								11	4D4 + (4EA) (±S) 50% = QZ (UNIT = ENTIRELY RUBBLE)	RUBBLE		
L		212		228								12	4C3 ±S ± 4, 70% py.		11S ₂	
L		228		244								13	A1EA1 ±1 ± POROUS + (4D0 ± S) + (4C0) → COMPRISES 50% OF UNIT; + (5C3*4 @ 23.0-23.1m)	PROB	11S ₂	
L		244		284								14	A1A3A ±0 + (4E54 ± POROUS ± CALC) ± (3G12 - FINELY INTERBANDLED)		11S ₂	
L		284		314								15	A1EA1 ±1 + (4C0 ± RARE S)	2cm QZ VD @ 90° TO C.N.		

Lithologic Log

METRES

Code	From			To			Recov.		No.		Unit	Description	F/W CNT	
	10	14	16	20	22	24	26	28	30	34			35	TY
L	31.4		31.4	31.3					116		A1A131	+(4E1) ± 4 @ 0.6m H/W;		11S ₂
L	34.3		34.3	37.5					117		A1A1E4	→ (4A34 = 40% OF UNIT)		11S ₂
L	37.5		37.5	41.7					118		A1E114	+(4A13 = 10% OF UNIT) + (4C0 = 5% OF UNIT)		11S ₂
L	41.7		41.7	42.7					119		A1A134	+(4C0)		11S ₂
L	42.7		42.7	45.4					120		A1A1C3	+(4A3) + (4E1) = 50% OF UNIT = 4C0		PROB 11S ₂
L	45.4		45.4	47.7					121		A1B41	SERICITIC; UNIT = 60% COARSE RUBBLE IN CONTACT BOX;	10 cm GOUGE - CONTACTS?	
L	47.7		47.7	49.6					122		A1L1*	- DOLO [5C1* - <0.2% FUCHSITE CONCENTRATED TOWARD TOP] - A STRANGE ROCK - 1-5cm INTERBANDS OF QZ & SERICITE-DOLO + (5% A1B4 BANDS)	GOUGE @ 08/00 unit for S ₀ = 2/230	
L	49.6		49.6	55.0					123		S1B31	[GOUGE] & BRECCIA + (4L1) + (4B4)	RUBBLE + GOUGE	
L	55.0		55.0	73.2					124		S1B46	I2; UNIT = 70% COARSE, ORTED SLATEY, RUBBLE GOUGES @ 60.7-61.0 66.7-66.8 68.9-70.0m	CONTACTS 11S ₂ ? ? ?	
												END OF HOLE @ 73.2m		

Structural Log

Code	From		To		Feature	E Dip	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
														N.B. - THIS IS A HCFE/20W7AC HOLE DRILLED FROM MINE DRIFT;
S				17	C S Z R						13	21310	S-BANDS	
S				76	C S Z R						17		"	
S				137	C S Z R						31		"	
S				182	C S Z R						24		"	
\$				210	2 C S Z R						57		TENSION GRABBS @ 28/180	
S				242	2 C S Z R						44		S-BANDS	
S				310	3 C S Z R						19		"	
S				360	C S Z R						36		"	
S				420	C S Z R						27		"	
S				457	C S Z R						44		SERRICITE BANDS	
S				490	C S Z H						00			
\$	496			550										GOUGE
S				562	C S Z S				412	100	39			
S				624	C S Z R						29			F _A @ 47/180
S				705	C S Z S				13	100	10			
														END OF HOLE 73.2m.

ASSAY LOG (SAMPLER'S COPY)

Date 27 Aug/81

Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
											*		No Recovery
P		10		10				10					+ (4E14)
P		12		13		133		13		13			±1 + (4D4)
P		13		14		134		13		13			±1 + (4D4)
P		14		16		135		15		15			+ (4E14)
P		16		17		136		15		15			+ (4E14)
P		17		18		137		13		13			
P		18		110		138		18		18			BRECCIA
P		110		111		139		10		10			+ SMITHSONITE [?] = 70% OF UNIT
P		111		112		140		13		13			± POROUS
P		112		112		141		10		10			BRECCIA - 4E, 4L, AK, SC CLASTS
P		112		114		142		11		09			A1E4*
P		114		116		143		12		11			A1E4*
P		116		118		144		11		11			15/ + (4D45)
P		118		119		145		11		11			15/ + (4D45)
P		119		121		146		11		11			+ (4E14)
P		121		122		147		11		13			±S ±4
P		122		124		148		11		16			±1 ± POROUS + (4D0 ± 5) + (4C0)
P		124		126		149		12		12			±0 + (4E54)
P		126		128		150		12		11			±0 + (4E54)
P		128		129		301		11		15			±1 + (4C0)
P		129		131		302		11		15			±1 + (4C0)
P		131		132		303		11		14			+ (4E1 ± 4)
P		132		134		304		11		15			+ (4E1 ± 4)
P		134		135		305		11		16			A1E4
P		135		137		306		11		16			A1E4
P		137		139		307		12		12			+ (4A13)
P		139		141		308		12		12			+ (4A13)
P		141		142		309		11		10			+ (4C0)
D		142		144		310		11		12			A1A13
P		144		145		311		11		12			A1A13
P		145		146		312		11		10			-SERICITIC
P		146		147		313		11		10			-SERICITIC
													END OF HOLE @ 73.2 m

UNITS = METRES

DDH FAGU092
 2 Meters 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	18	20	24	28			Dip	Direct.	32	Dip	Direct.	38	Dip	Direct.	44	
F				89	R													
F		89		110	D													
F		123		127	D													
F		166		197	R	ix												
F		197		212	R													
F		454		477	R													
F				496	G					08	900							
F				477	G													
F		496		550	G	x, R												
F		550		732	Z	R												
F		607		610	G					99	999							
F		667		668	G					99	999							
F		689		700	G					99	999							

DIAMOND DRILL RECORD

LOGGED BY

JOCK HOWARD

D. D. H. No 76-U-92

PAGE

1

PROPERTY

VANGORDA-GRUM

HOLE SURVEY:

DEPTH	BEARING	DIP
COLLAR	221° 32'	-0° 57'



CLAIM No

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 75.7%

LATITUDE 10,794,482 70N STARTED MAY 22, 1976

DEPARTURE 7,730.366 6W COMPLETED MAY 23, 1976

ELEVATION 1157.059 PROPOSED DEPTH ULTIMATE DEPTH 73.2

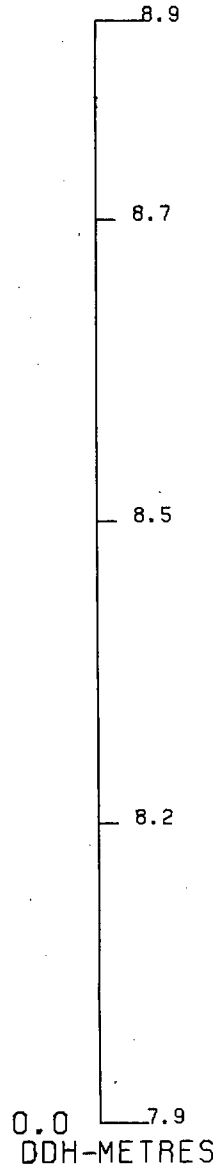
Interval		DESCRIPTION	Py	PbZn	Recovery	Sample No	Interval		Sample Length	Assay					Assay x		
From	To						From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
0	21.3	MASSIVE SULPHIDES (MQ).	30	20	0.7	2879	0	1.8	1.8	8.40	16.10	124.12			15.12	28.98	223.416
		0-7.6: Massive sulphides in quartz (-40%) matrix.	40	15	1.7	2880	1.8	3.5	1.7	9.85	13.27	160.46			16.745	22.559	272.782
		Core is competent, but no discernible structure.	25	25	1.3	2881	3.5	5.0	1.5	8.70	15.02	122.06			13.05	22.53	183.09
			25	25	1.4	2882	5.0	6.4	1.4	9.17	15.27	137.14			14.672	24.432	19.424
			25	25	1.2	2883	6.4	7.6	1.2	7.07	14.51	103.89			8.484	17.412	124.668
		7.6-21.3 (MV): Sulphides are soft and porous; some	65	20	1.2	2884	7.6	8.8	1.2	10.75	19.12	127.20			12.90	22.944	152.64
		portions have a brecciated appearance. No visible	85	8	1.6	2885	8.8	10.4	1.6	1.44	7.35	23.31			2.304	11.76	37.296
		structure. Little or no quartz.	80	10	1.4	2886	10.4	11.8	1.4	1.09	9.37	17.14			1.526	13.118	23.996
		(12.4-13.5) 50% quartz.	40	8	1.4	2887	11.8	13.8	2.0	1.55	7.01	32.23			3.10	14.02	64.46
			85	8	1.4	2888	13.8	15.2	1.4	4.35	10.36	72.69			6.09	14.504	101.76
			80	9	1.1	2889	15.2	16.7	1.5	7.90	18.25	94.63			11.85	22.375	141.945
		16.8-21.3: Core is blocky and broken-incompetent.	80	10	1.6	2890	16.7	18.3	1.6	8.78	13.59	114.86			14.048	21.744	183.776
			80	11	0.8	2891	18.3	19.8	1.5	1.08	5.50	17.14			1.62	8.25	25.71
			75	13	0.8	2892	19.8	21.3	1.5	3.05	8.31	42.51			4.575	12.465	63.765
21.3	47.5	QUARTZ SULPHIDES (PF)	25	12	0.9	2893	21.3	22.9	1.6	0.89	3.40	17.14			1.42	5.44	27.42
		Interbanded massive sulphides and quartz-phyllite.	30	12	1.5	2894	22.9	24.4	1.5	1.14	3.80	21.26			1.71	5.70	31.89
		Core is very competent. F =55°.	20	10	1.5	2895	24.4	25.9	1.5	1.38	2.93	25.37			1.79	3.81	32.98

Interval		DESCRIPTION	Py PbZn	Recovery	Sample No	Interval		Sample Length	Assay				Assay z			
From	To					From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
		27.3: Trace of Cu.	35 17	1.7	2896	25.9	27.6	1.7	4.50	7.90	62.40			7.65	13.43	106.08
			30 9	1.4	2897	27.6	29.0	1.4	1.33	2.05	34.29			1.86	2.87	48.01
		30.5: 1-2% Cu.	35 8	1.9	2898	29.0	30.9	1.9	1.80	2.23	34.29			3.42	4.24	65.15
		31.8: 1-2% Cu; F =0-20°.	45 12	1.9	2899	30.9	32.8	1.9	2.23	3.58	36.34			4.24	6.80	69.05
		34.3: Fold nose; F noticeable perpendicular F.	50 5	1.8	2900	32.8	34.6	1.8	0.81	0.98	17.14			1.46	1.76	30.85
		36.4: F -50°.	45 12	1.9	3001	34.6	36.6	2.0	3.23	5.65	48.34			6.46	11.30	96.68
			45 5	1.3	3002	36.6	37.6 38.1	1.8 1.5	3.42	3.50 3.50	54.51			3.42 5.13	3.50 5.25	81.76 54.51
			50 6	1.5	3003	38.1	39.6	1.5	2.54	3.45	43.54			3.81	5.18	65.31
		39.8: F -40°.	55 7	1.5	3004	39.6	41.1	1.5	3.88	2.85	42.51			5.82	4.28	63.7
			40 8	1.4	3005	41.1	42.7	1.6	1.85	3.38	26.40			2.96	5.41	42.24
		43.0: F -0°, F perpendicular F. Fold nose?	40 3	1.4	3006	42.7	44.2	1.5	0.77	1.75	17.14			1.16	2.63	25.71
			35 2	0.8	3007	44.2	45.3	1.1	1.70	2.78	34.29			1.87	3.06	37.72
		47.3: F -25°. Quartz with zinc laminae, little or no Py.	5 10	1.0	3008	45.3	47.5	2.2	2.18	4.48	29.14			4.8	9.86	64.1
					W.Av.	34.6	37.6	3.0	3.29	4.93	50.4			9.88	14.80	151.19
					W.Av.	36.6	41.1	4.5	3.28	3.27	46.9			14.76	14.71	210.85
					W.Av.	44.5	47.5	3.0	2.05	4.03	30.5			6.16	12.08	91.53
					W.Av.	21.3	47.5	26.2	2.13	3.5	34.1			55.84	91.61	893.81
47.5	49.4	BLEACHED PHYLLITE (Sbm).		1.5/1.9	W.Av.	34.6	41.1	6.5	3.26	4.00	4.73			21.22	26.01	307.53
					W.Av.	41.1	44.5	3.4	1.36	2.61	23.0			4.63	8.87	78.24
		Pale yellow-gray, typical with scattered flecks of mariposite. @ 49.0, Long gentle fold nose. F perpendicular to F.			W.Av.	0	18.3	18.3	6.55	13.19	94.5			119.89	241.37	1729.3
					W.Av.	0	21.3	21.3	5.82	12.30	85.38			126.08	262.09	1818.7
					W.Av.	8.8	13.8	5.0	1.38	7.78	25.15			6.93	38.89	125.75
					W.Av.	18.3	21.3	3.0	2.07	6.91	29.8			6.20	20.72	89.48
					W.Av.	24.6	27.6	3.0	3.15	5.75	46.4			9.44	17.24	139.06
					W.Av.	21.3	27.6	6.3	2.04	4.60	31.3			12.84	28.97	197.45



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 27 SEP 1984 11:11 AM

73.2 METRES



11313
11311
11309
11307
11305
11303
11301
11149
11147
11145
11143
11141
11139
11137
11135
11133

11312
11310
11308
11306
11304
11302
11150
11148
11146
11144
11142
11140
11138
11136
11134
11132



5B46 '42
5B3
4L1\$ 'C5C\$J
4B4 'SERICITIC
4AC3 '(4A3) (4E1)
4A34
4E14 '(4A13) (4C0) 85:18
4AE4 '-> (4A34)
4A3 '(4E1) &4
4E4 '*1 (4C0 & 5 MINOR
4A34 '*0 (4E54 & POROUS &#
4E4 '*1 & POROUS (4D0
4C3 '*5 &4
4D4 '*5 (4E14)
4E41 '*5 (4D45) & BXA
4E4# '* & POROUS
4E4 '* & POROUS
4E4 '*BXA
4E4
4043
4E4 '(4D4)
/ 4D43

SECTION NAME: 70M
CORRECTED COLLAR POSITION: X = 555.2 Z = 1147.9
PLUNGE ANGLE IS 311.0 TREND ANGLE IS 312.0
ELEV: 1146
592425E ; 904959N

DDH: FAGU092 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

DDH: FAGU092 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

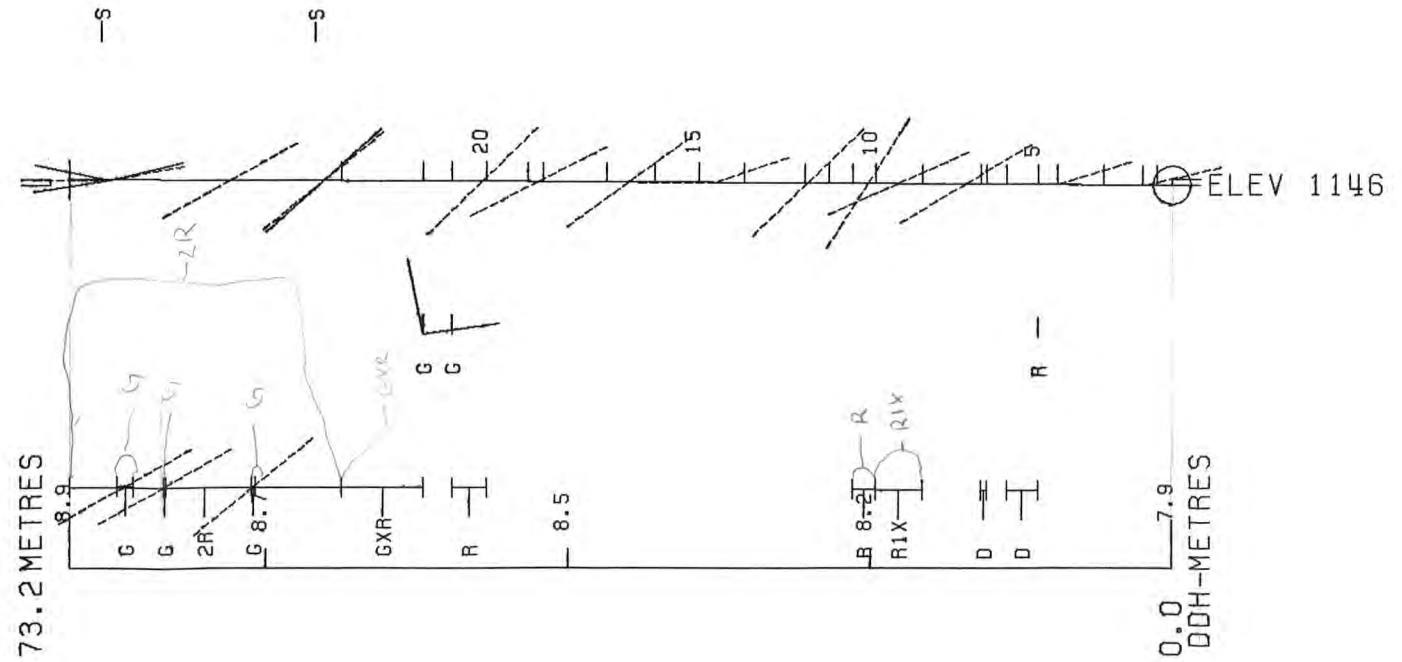
ELEV: 1146 592425E ; 904959N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.2 Z = 1147.9

SECTION NAME: 70W

✳ CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 27 SEP 1984 11:09 AM



FAGU096

DRILL HOLE : FAGU096
NORTHING : 904,959.5
EASTING : 592,424.9
ELEVATION : 1,147.4
TOTAL DEPTH : 121.9
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 44
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 39
NOS DOWN-H-STRUCTURE: 20
NOS DOWN-H-FAULTS: 24
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

COH: FAGUC98 UTM-N: 934799.5 UTM-E: 5927424.9 UTM-ELEV: 1,147.4 TOTAL DEPTH: 121.9 SECTION: W 70
 RFE: S2 PFE DIP: 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	AL(FA) G/MT	PO %	PY %	TCT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
1.0	3.0	11401	2.0	1.0	4E4#	5.36	.21	5.30	12.20	105.00		2.26	2	31	33						
3.0	4.6	11402	1.6	.3	4E4#	5.03	.06	4.10	12.90	52.00		.96	1	34	35						
4.6	6.0	11403	1.4	1.2	4E4#	4.91	.11	4.50	15.10	64.00		1.51	2	29	31						
6.0	7.4	11404	1.4	.3	4E4#	5.03	.12	3.90	12.10	73.00		1.51	2	33	35						
7.4	9.3	11405	1.9	1.9	4D4	4.25	.07	8.50	16.20	126.00		1.65	2	16	18						
9.3	10.4	11406	1.1	1.1	4E4#	5.01	.26	6.20	13.70	105.00		2.47	1	23	29						
10.4	11.2	11407	.8	.3	4D34	4.01	.02	7.50	15.80	117.00		1.37	1	15	16						
11.2	13.0	11408	1.8	1.3	4A34	4.42	.06	7.10	12.90	108.00		2.26	1	19	21						
13.0	14.8	11409	1.8	1.8	4A34	3.73	.03	4.30	11.10	70.00		1.44	2	9	12						
14.8	16.7	11410	1.9	1.9	4A34	3.66	.05	5.50	11.20	90.00	86.00	2.06	2	14	16						
16.7	18.6	11411	1.9	1.9	4KE	5.03	.09	.61	4.30	22.00		2.26	4	36	40						
18.6	19.3	11412	.7	.7	4A14	3.89	.14	1.82	3.10	48.00		2.13	1	19	21						
19.3	20.0	11413	.7	.7	4EA	4.99	.11	.95	2.80	23.00		2.13	1	31	32						
20.0	20.3	11414	.3	.3	4ED	3.84	.08	1.72	2.70	32.00		1.51	1	26	27						
20.3	21.5	11415	1.2	1.2	4AC3	3.85	.09	.85	2.50	24.00		1.71	1	26	27						
21.5	22.7	11416	1.2	1.1	4AC3	3.77	.04	.97	3.30	25.00		.89	1	15	17						
22.7	24.4	11417	1.7	1.7	4A1	3.02	.02	.42	.88	13.00		.48	1	6	7						
24.4	26.1	11418	1.7	1.7	4A1	3.12	.03	1.12	3.20	23.00		.69	1	7	9						
26.1	28.1	11419	2.0	2.0	4ED	3.96	.11	2.90	5.50	48.00		1.92	1	24	25						
28.1	30.4	11420	2.3	2.2	4A13	3.61	.10	3.30	3.90	48.00	48.00	1.65		18	19						
30.4	31.5	11421	1.1	1.1	4A3	3.99	.12	1.01	.95	25.00		1.78	1	25	26						
31.5	32.2	11422	.7	.6	4E1	3.85	.10	2.40	3.00	39.00		1.44	1	23	25						
32.2	33.7	11423	1.5	1.5	4A10	2.93	.02	1.26	3.30	19.00		.34	1	1	3						
33.7	35.3	11424	1.6	1.5	4A14	2.90	.01	1.89	3.70	29.00		.41			1						
35.3	36.2	11425	.9	.8	5C4*	3.01		.49	.93	11.00		.14	3	3	6						
36.2	37.7	11426	1.5	1.5	4L14	3.02		1.93	3.90	34.00		.48	1	2	3						
37.7	39.2	11444	1.5	1.5	4L14	3.03		2.90	6.30	47.00		.48	2	3	5						
39.2	40.4	11427	1.2	.9	4L3	2.99		1.72	3.30	36.00		.48	2	5	7						
40.4	41.7	11428	1.3	.6	4L3	2.92		.56	.47	12.00		.34	2	4	6						
41.7	43.5	11429	1.8	.7	4A10	3.00		1.01	1.86	22.00	25.00	.41	1	4	6						
43.5	45.4	11430	1.9	.8	4A1	2.92		1.31	2.30	35.00		.48	1	4	6						
45.4	47.3	11431	1.9	1.2	4A10	2.90		.66	1.09	17.00		.14	2	2	5						
47.3	48.8	11432	1.5	.8	4A31	3.28		1.42	3.20	34.00		.69	2	13	15						
48.8	50.3	11433	1.5	.8	4A31	3.02		.60	1.62	16.00		.27	3	6	10						
50.3	51.8	11434	1.5	.6	4A31	2.85		1.38	1.65	19.00		.27	1	1	3						
53.2	56.4	11435	3.2	.6	4A1	2.88		1.29	1.86	22.00		.21	2	1	3						
56.4	57.9	11436	1.5	1.2	5B96	2.85		.50	1.52	11.00		.21	1		2						
57.9	59.5	11437	1.6	1.6	5B96	2.91		.55	1.13	12.00		.34	1	1	2						
59.5	61.2	11438	1.7	1.0	5B96	2.93		.21	.36	10.00		.14	5	1	6						
97.9	99.0	11439	1.1	.7	4A14	3.42		3.30	2.40	48.00		.69	1	15	16						
99.0	99.8	11440	.8	.7	4A4	3.47		3.70	7.87	51.00		1.10	2	9	11						
99.8	101.7	11441	1.9	1.0	4E4	4.45		3.30	16.00	139.00	131.00	1.10		25	26						
101.7	103.7	11442	2.0	2.0	4E4	4.42		8.10	17.70	122.00		.89	1	22	23						
103.7	104.0	11443	.3	.3	4E4	3.78		7.70	16.70	130.00		1.20	2	12	15						

WEIGHTED AVERAGE

1.0	51.8	50.8	41.0	3.72	.05	2.74	6.07	47.52	6.27	1.15	1	15	17
53.2	61.2	8.0	4.4	2.89		.76	1.33	15.38		.22	2	1	3

24 MAR 64 GRUM

ORE SAMPLES & ASSAYS (DHC20)

PAGE: 3

DDH: FAGU096 UTM-N: 904,959.5 UTM-E: 592,424.9 UTM-ELEV: 1,147.4 TOTAL DEPTH: 121.9 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

				-----ASSAYS-----																	
---DEPTHS---	SAMPLE	INT.	REC.	ROCK	S.G.	CU	PE	ZN	AG(AA)	AG(FA)	AU(FA)	PO	PY	TOT	BAO	HG	MN	AS	BA	S.G.	
FROM	NO.			UNIT	PULP	%	%	%	G/MT	G/MT	G/MT	%	%	FE	%	%	%	%	%	W.R.	
97.9	104.0	6.1	4.7		4.09		6.70	13.07	105.03	40.80	.96	1	19	21							

29MAR84 GRUM

DOWN-HOLE SURVEYS (EH020)

PAGE: 4

DDH: FAGUC96 UTM-N: 904,959.5 UTM-E: 592,424.9 UTM-ELEV: 1,147.4 TOTAL DEPTH: 121.9 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	70.600	223.300
83.800	72.500	226.000
120.400	75.000	229.000

DDH: FAGU096 UTM-N: 984,959.5 UTM-E: 592,424.9 UTM-ELEV: 1,147.4 TOTAL DEPTH: 121.9 SECTION: W 70
 RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.0	OC01	#		0.5-	1
7.4	OC02	4E4#	POROUS	0.5-	1
9.3	OC03	4D4		0.5-	1
10.4	OC04	4E4#		0.5-	1
11.2	OC05	4D34	#	0.5-	1
16.7	OC06	4A3#	(4E#4 &1)	0.5-	1
18.6	OC07	4KC	(4E4)	0.5-	1
19.3	OC08	4A13	PHYLLITIC	0.5-	1
20.0	OC09	4EC	(4A34)	0.5-	1
20.3	OC10	4EC		0.5-	1
22.7	OC11	4A3	(4C0)	0.5-	1
26.1	OC12	4A1	PHYLLITIC	0.5-	1
28.1	OC13	4E4	(4D0 &5)	0.5-	1
30.4	OC14	4A13		0.5-	1
31.5	OC15	4A3	&1	0.5-	1
32.2	OC16	4E1	&5	0.5-	1
35.3	OC17	4A14	(4A10) T.O.I.	0.5-	1
36.2	OC18	5C4\$		0.5-	1
39.2	OC19	4L14	[4B4]	0.5-	1
41.7	OC20	4L3	&4	0.5-	1
47.3	OC21	4A10		0.5-	1
51.8	OC22	4A31	&4	0.5-	1
53.2	OC23	5B46	&2	0.5-	1
56.4	OC24	4A1	&4	0.5-	1
61.2	OC25	5B49	6 (4A1 &4)	0.5-	1
62.5	OC26	5D4@		0.5-	1
66.7	OC27	3GC	&4	0.5-	1
67.5	OC28	10QC		0.5-	1
90.6	OC29	3GC		0.5-	1
91.7	OC30	10QC		0.5-	1
97.9	OC31	5C4@		0.5-	1
99.0	OC32	4A14	3	0.5-	1
99.8	OC33	4A4	BXA	0.5-	1
103.7	OC34	4E4	BXA	0.5-	1
104.0	OC35	4E4	POROUS	0.5-	1
110.7	OC36	5A1		0.5-	1
114.3	OC37	5BC4	&\$	0.5-	1
117.3	OC38	5BC4		0.5-	1
121.9	OC39	5B04	\$	0.5-	1

DDH: FAGU096 UTM-N: 904,959.5 UTM-E: 592,424.9 UTM-ELEV: 1,147.4 TOTAL DEPTH: 121.9 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SO	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SOC	PROCESS
FAGU096	0.0	1.3	CS2			0	0	0	C		8	50	C	C		1	1	1
FAGU096	0.0	7.7	CS2			0	0	0	C		0	50	C	C		1	1	1
FAGU096	0.0	13.8	CS2			0	0	0	C		19	50	C	C		1	1	1
FAGU096	0.0	19.0	CS2	S		C	0	0	C		27	50	C	C		1	1	1
FAGU096	0.0	25.0	CS2			0	0	0	C		40	50	0	C		1	1	1
FAGU096	0.0	31.0	CS2			0	0	C	C		60	50	C	C		1	1	1
FAGU096	0.0	38.0	CS2			0	0	0	C		9	50	C	C		1	1	1
FAGU096	0.0	44.4	CS2			0	0	C	C		28	50	C	C		1	1	1
FAGU096	0.0	50.2	CS2			0	0	C	C		16	50	0	C		1	1	1
FAGU096	0.0	56.8	CS2			0	0	0	C		0	50	C	C		1	1	1
FAGU096	0.0	62.9	CS2			C	0	0	C		0	50	C	C		1	1	1
FAGU096	0.0	68.5	CS2			0	0	C	C		29	50	0	C		1	1	1
FAGU096	0.0	72.0	CS2			0	0	0	C		8	50	C	C		1	1	1
FAGU096	0.0	78.0	CS2			0	C	0	C		0	50	C	C		1	1	1
FAGU096	0.0	84.0	CS2			0	0	0	C		7	50	0	C		1	1	1
FAGU096	0.0	91.5	CS2			0	0	0	C		14	50	0	C		1	1	1
FAGU096	0.0	97.5	CS2			0	C	0	C		0	50	C	C		1	1	1
FAGU096	0.0	103.8	CS2			0	0	0	C		61	50	C	C		1	1	1
FAGU096	0.0	109.6	CS2	S		0	C	0	C		29	50	C	C		1	1	1
FAGU096	0.0	119.6	PS2			C	0	0	C		32	50	C	C		1	1	1

BDH: FAGUC96 UTM-N: 904,959.5 UTM-E: 592,424.9 UTM-ELEV: 1,147.4 TOTAL DEPTH: 121.9 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD		
FAGUC96	1.0	7.4	PR				0	0	0	0	1	
FAGUC96	9.3	10.4	2R				0	0	0	0	1	
FAGUC96	20.0	20.3	X				0	0	0	0	1	
FAGUC96	36.2	39.2	R				0	0	0	0	1	
FAGUC96	39.2	41.7	R1G				0	0	0	0	1	
FAGUC96	41.7	47.3	RT				0	0	0	0	1	
FAGUC96	47.3	51.3	2R				0	0	0	0	1	
FAGUC96	51.6	53.2	RT				0	0	0	0	1	
FAGUC96	53.3	53.4	G				0	0	0	0	1	
FAGUC96	53.2	56.4	R				0	0	0	0	1	
FAGUC96	60.5	60.9	R				0	0	0	0	1	
FAGUC96	61.0	61.1	G				0	0	99	999	0	1
FAGUC96	62.1	62.5	G				0	0	0	0	0	1
FAGUC96	76.8	77.1	G				19	18	0	0	0	1
FAGUC96	90.2	90.6	R				0	0	0	0	0	1
FAGUC96	97.9	99.0	RX				0	0	0	0	0	1
FAGUC96	99.0	99.3	X				0	0	0	0	0	1
FAGUC96	0.0	99.8	1G				0	0	0	0	0	1
FAGUC96	99.8	103.7	D?				0	0	0	0	0	1
FAGUC96	104.2	105.2	GR				0	0	0	0	0	1
FAGUC96	105.7	105.8	GR				0	0	0	0	0	1
FAGUC96	106.0	108.2	GR				0	0	0	0	0	1
FAGUC96	109.7	110.7	GR				0	0	0	0	0	1
FAGUC96	114.3	117.3	G				0	0	0	0	0	1

24 MAR 84 GRUM

DOWN-HOLE SPLINES (DHO20)

DDH: FAGU096 UTM-N: 904,959.5 UTM-E: 592,424.9 UTM-ELEV: 1,147.4 TOTAL DEPTH: 121.9 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU096	1	2
FAGU096	2	2
FAGUC96	3	1

DIAMOND DRILL CORE LOG

Date: 27 Aug/81

Hole Number: FAGU-096 (76-U-96)

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: SECTION 70W

Claim: _____

Terr. Plane Co-ords.: 6 904959.5 N

594242.9 E

Grid Co-ords: 70 W

6 N/E

Elevation: 1147.4

Total Depth: 121.9m

Purpose: GRUM DEPOSIT DEFINITION

Reason hole Terminated: _____

Logged by: GG

Date(s) Logged: 27 Aug/81

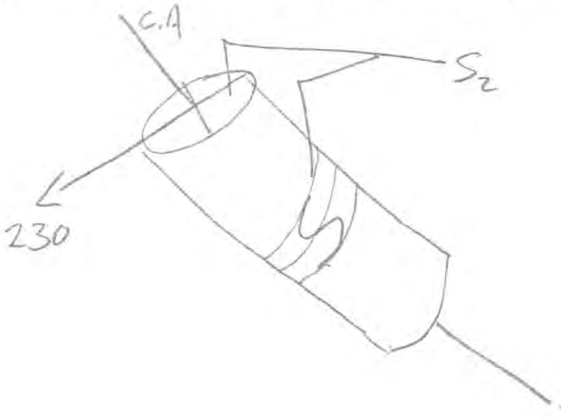
Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped:
<u>BQ</u>	<u>0.0</u>	<u>121.9</u>	_____

Hole Cemented: _____

Steel down hole: _____

Started: 24 May/81 Completed: 26 May/81



All symmetry determinations looking

NW with S₂ dipping

SW with dip azimuth 230°.

UTM
Conversion of
K-A Surveyed
Grid Co-ords

DDH FAGU096
 2 8

Diamond Drill Core Log

Date: 27 AUG 81 Logged By: DSG

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	FAGU096	11147.4	91049.5	91049.5	5924.7	METRES

*223.3 North
for True*

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2	8 10 14 22	26 28	32 34	56
R	FAGU096	100	70.6	221.7	FATT COLLAR
R	FAGU096	1838	72.5	226.0	SPIERRY MAG
R	FAGU096	17204	75.0	229.0	

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

METRES

Code	From	To	Recov.	No.	Unit	Description	F/W	CNT					
	10	14	16	20	22	24	26	28	30	34	35	TYPE	?
L	00	10	0.0	0.01	*	NO RECOVERY							
L	10	17.4		2	A1E4*	CALC, POROUS, ^{GENERICALLY POOR TCC} WITH SEVERAL ZONES		PROB	11S ₂				
L	17.4	19.3		3	A1D4	30% QZ, 10% PY → 4B9 AFFINITY; ^(OF RUBBLE)		PROB	11S ₂				
L	19.3	110.4		4	A1E4*	CALC, SLIGHTLY POROUS; 30% OF UNIT = FINE TO COARSE RUBBLE;							
L	110.4	111.2		5	A1D4*	30% QZ + <5% CALC;	RUBBLE	PROB	11S ₂				
L	111.2	116.7		6	A1A3*	1/4 + (4E4 ± 1) - CALC; + (5C3*4 - ANK, 5% FUCHSITE @ 13.0-13.2 m)	10 cm QZ VN		11S ₂				
L	116.7	118.6		7	A1K0	-5-50% ANK SPITS + (4E4 - @ 17.3-17.8			11S ₂				
L	118.6	119.3		8	A1A1B	1/4 + (3G12 - FINELY INTERBAND)			11S ₂				
L	119.3	120.0		9	A1E10	+ (4A34)			11S ₂ =	11C.A.			
L	120.0	120.3		10	A1E0	AEO BRECCIA CLASTS ^(1-1.0 cm) OPEN PY-QZ ± CALC MATRIX			?				
L	120.3	122.7		11	A1A3	+ (4C0)		PROB	11S ₂				
L	22.7	26.7		12	A1A1	5% SULPHIDE ± SERICITIC PARTINGS; PY-G. FRACTIONS			11S₂				
L	26.7	28.1		13	A1E4	+ (4D0) (±5)			11S ₂				
L	28.1	30.4		14	A1A1B	1/4			11S ₂				
L	30.4	31.5		15	A1A3	±1		PROB	11S ₂				
L	31.5	32.2		16	A1E1	±5		RUBBLE	PROB	11S ₂			
L	32.2	35.3		17	A1A1A	→ [4L0 → FUCHSITE]	3cm QZ VN		11S ₂				
L	35.3	36.2		18	S1C1A*	0.5% FUCHSITE; (±9 = LOCAL SPHAL)	V. IRREG		11S ₂				
L	36.2	39.2		19	A1A4	-SERICITIC [4L14 WITH 0.5-1.0 cm SPACED SERICITIC PARTINGS] + (4A15 ^(LATER THAN SERICITIC PARTINGS))	RUBBLE	PROB	11S ₂				
						UNIT = 100% COARSE TO FINE RUBBLE;							
L	39.2	41.7		20	A1L3	±4 + (10% = 10Q0)							
						UNIT = 100% FINE TO COARSE RUBBLE + LOCAL MINOR TALCOSE GOWGE;							
L	41.7	47.3		21	A1A1A	-LOW SULPHIDE ± SERICITIC PARTINGS ESP TOWARD EOI;							
						UNIT = 90% COARSE TO FINE, USUALLY SLATEY, RUBBLE IN CORE BOX;							

Lithologic Log

METRES

Code	From					To					Recov.	No.	Unit	Description	F/W CNT	
	10	14	16	20	22	24	26	28	30	34					35	TYPE
L	47	3	51	8							22	4A31	±4; UNIT = 30% COARSE RUBBLE IN CORE BOX;	PROB SHARPE	11S ₂	
L	51	8	53	2							23	5B46	±2 - LOCALLY HAS THE APPEARANCE OF 4A1 - NO SULPHIDE; UNIT = 0.7m REC - 100% FINE TO COARSE RUBBLE			
L	53	2	56	4							24	4A11	±4; 53.3-53.4 = GOUGE UNIT = 0.5m RECOVERY - 100% = FINE TO COARSE RUBBLE?			
L	56	4	61	2							25	5B49	1/6 + (4A1 ±4) → 9 = SPHAL LAMS THIS UNIT REPRESENTS A 5B4 → 4A TRANSITION; 60.5-60.9 = FINE TO COARSE RUBBLE; 61.0-61.1 = GOUGE	RUBBLE PROB	11S ₂	
L	61	2	62	5							26	5D*4	- ANK ± TALC @ 62.1-62.5	1cm GOUGE PROB	11S ₂	
L	62	5	66	7							27	3G2	±4	? PROB	11S ₂	
L	66	7	67	5							28	10G0	- WITH SOME CONTAINED 3G2 FRAGS		11S ₂	
L	67	5	90	6							29	3G2	(GOUGE @ 76.8-77.1m; H/W CONTACT @ 019/18 w.r.t S ₂ = 008/230) FINE RUBBLE 90.2-90.6m;	RUBBLE		
L	90	6	91	7							30	10Q9	- WITH SC FRAGS;		11S ₂	
L	91	7	97	9							31	5C*	ANK; 0.1% FUCHSITE @ BOE 3% " @ EBI; LAM'D IN SHADES OF BROWN TO WHITE;		? 11S ₂ ?	
L	97	9	99	0							32	4A1A	1/3 - CRACKLE BRECCIA - UNIT = COARSE TO FINE RUBBLE -	RUBBLE		
L	99	0	99	8							33	4A1A	BRECCIA → QZ-4A1-4E4-4D4 CLASTS IN CLOSED CARBON- QZ-PY-SPHAL-GALENA MATRIX; CLASTS ARE 0.1-3cm & ANGULAR POSS. VAGUE ALIGNMENT ALONG S ₂ ???	10cm GRAPHITIC GOUGE - BRECCIA CONTACTS?		

DDH FAGU096
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

Page 5 of 8
Date: 27 Aug/81 Logged By: GG

Code	From		To		Recov.		No.		Unit	Description	INTER-CONTACT		
	10	14	16	20	22	24	26	28			30	34	35
L	99.8	110.37							34	4E4	TRRECCIA - 0.1-2cm ANGULAR 4E4 CLASTS IN CLOSED 4E4 MATRIX; + (SC* ^{AS MICACEOUS MUD} A-DOLO, 80% = FUCHSITE; @ 103.6-103.7m)	7- 6	COINCIDENCE OF SCA@ EDI CONTACT SUBSISTES CONTACT MAY 116?
L	110.37	110.40							35	4E4	± POROUS LAMS; 4J AFFINITY; + (3cm OF 5C-60% FUCHSITE @ EDI CONTACT)		115
L	110.40	111.07							36	51A11	HIGH CARBON; UNIT = 60% FINE TO COURSE RUBBLE, GOUGE MISSING CORE - 1.7m RECOVERED	GOUGE	
											GOUGE + FINE RUBBLE @ 109.2-105.2 - CONTACTS? 105.7-105.8 - " ? 106.0-108.2 - " ? 109.7-110.7 - " ? + (5D4*-DOLO @ 105.9-105.8m)		
L	111.07	111.43							37	51B34	±* DOLO + (5D*-ANK @ 110.7-110.9 @ 112.8-113.1m)	GOUGE	
L	111.43	111.73							38	51B34	- GOUGE		
L	111.73	121.9							39	51B34	/* DOLO + (5D4* ANK @ 120.8-121.0)		
											END OF HOLE @ 121.9m		

METRES

Structural Log

METRES

Code	From		To		Feature	S/m	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	32	34	
S				13	CSZR						0.8	0.50	S-BANDS
S				77	CSZR						0.0		"
S				138	CSZR						1.9		INCLINATION OF THE
S				190	CSZS						2.7		- ONE 0.5cm S-FOLD SEEN DDH, THE S ₂ IS
S				250	CSZR						4.0		NORTH DIPPING FOR
S				310	CSZR						6.0		ALL CORE ORIENTATIONS
S				380	CSZR						0.9		
S				444	CSZR						2.8		
S				502	CSZR						1.6		
S				568	CSZH						0.0		
S				629	CSZH						0.0		
S				685	CSZP						2.9		
S				720	CSZH						0.8		???
S				780	CSZH						0.0		
S				840	CSZH						0.7		
S				915	CSZR						1.4		
S				975	CSZR						0.0		
S				1038	CSZR						6.1		S-BANDS
S				1096	CSZS						2.9		ONE 0.5 CM S-FOLD SEEN
S				1196	PSZP						3.2		
													END OF HOLE @ 121.3m

70W

ASSAY LOG (SAMPLER'S COPY)

Date 27 Aug/81

METRES

CODE	FROM		TO		SAMPLE	INTR.			REC (m)		UNIT	DESCRIPTION
	10	14	16	20		22	26	28	30	32		
P					11401				10	10	1*	No Recovery
P					11402				10	10	AEA*	
P					11403				11	12	AEA*	
P					11404				11	14	AEA*	
P					11405				11	19	ADA	
P					11406				11	11	AEA*	
P					11407				10	10	ADA*	
P					11408				11	18	AA3A	*/
P					11409				11	18	AA3A	*/
P					11410				11	19	AA3A	*/
P					11411				11	19	AKO	+(4EA)
P					11412				10	10	AA1A	*/
P					11413				10	10	AEIO	+(AA3A)
P					11414				10	10	AEIO	BRUCCIA
P					11415				11	12	AA3A	+(4CO)
P					11416				11	11	AA3A	+(4CO)
P					11417				11	17	AA1A	
P					11418				11	17	AA1A	
P					11419				12	20	AEA	+(4DO)
P					11420				12	22	AA1A	*/
P					11421				11	11	AA3A	±1
P					11422				10	10	AEI	±5
P					11423				11	15	AA1A	
P					11424				11	15	AA1A	
P					11425				10	10	SCA6	±9 - LOCAL SPHAL
P					11426				11	15	AA1A	
P					11444				11	15	AA1A	
P					11427				11	10	AA3A	±4
P					11428				11	10	AA3A	±4
P					11429				11	18	AA1A	
P					11430				11	19	AA1A	
P					11431				11	19	AA1A	
P					11432				11	15	AA3A	±4
P					11433				11	16	AA3A	±4

DDH FAG0096
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.	
	26	28	32	34	38	40	44						
		10		17	4PR								
		93		104	2R								
		200		203	X								
		362		392	R								
		392		417	RIG								
		417		473	RT								
		473		518	2R								
		518		532	RT								
		533		534	G								
		532		564	R								
		605		609	R								
		610		611	G			99	99	99			
		621		625	G								
		768		771	G		19	0.18					
		902		906	R								
		979		990	RX								
		990		998	X								
		998		1037	D.P.								
				998	G								
		1042		1052	GR								
		1057		1058	GR								
		1060		1082	GR								
		1097		1107	GR								
		1143		1173	G								

Interval		DESCRIPTION	Py	PbZn	Recovery	Sample NQ	Interval		Sample Length	Assay					Assay 2			
From	To						From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
18.7	35.3						QUARTZ SULPHIDES (P).	40		6	1.1	3033	18.7	19.8	1.1	2.20	4.30	39.43
		18.7-21.7: Interbanded sulphide laminae and quartz- sericite. F -50°; F \perp F. Competent core.	50	8	1.8	3034	19.8	21.7	1.9	1.18	2.28	23.31			2.242	4.332	44.289	
		21.7-32.0: Bands of sulphide in quartz matrix.	25	9	1.0	3035	21.7	22.9	1.2	0.66	1.68	13.03			0.792	2.016	15.636	
		F stable-60°. Core is broken into .1m pieces but otherwise competent.	30	12	1.4	3036	22.9	24.4	1.5	0.58	0.90	9.94			0.87	1.35	14.91	
		32.0-35.3: As previous but little Py. Core is crumbly, brecciated and broken. Solid pieces show contorted F and tension cracks.	35	14	1.5	3037	24.4	25.9	1.5	1.10	2.58	16.11			1.65	3.87	24.165	
		Fault?	45	18	1.5	3038	25.9	27.4	1.5	3.70	7.15	56.57			5.55	10.725	84.855	
			45	17	1.6	3039	27.4	29.0	1.6	3.13	3.55	42.51			5.008	5.68	68.016	
			50	7	1.2	3040	29.0	30.5	1.5	3.40	3.34	43.54			5.10	5.025	65.31	
			5	10	1.5	3041	30.5	32.0	1.5	1.43	1.80	32.23			2.145	2.70	48.345	
			5	13	1.3	3042	32.0	33.5	1.5	1.10	3.80	16.11			1.65	5.70	24.165	
			5	13	1.3	3043	33.5	35.3	1.8	1.80	3.38	23.31			3.24	6.084	41.958	
35.3	36.2	WHITE PHYLLITE (S ₀).	5	Tr.	0.8	3044	35.3	36.2	0.9	0.23	3.50	3.09			0.207	3.15	2.781	
		Pale yellow-gray, F variable and contorted.				W.Av.	16.7	19.8	3.1	1.16	4.36	27.43						
						W.Av.	19.8	25.9	6.1	0.92	1.89	16.23			5.552	11.568	99.0	
						W.Av.	25.9	29.0	3.1	3.41	5.29	49.3			10.56	16.41	152.88	
						W.Av.	30.5	36.2	5.7	1.27	3.09	20.57			7.242	17.634	117.249	
						W.Av.	32.0	35.3	3.3	1.48	3.57	20.0			4.89	11.79	66.13	
36.2	50.3	QUARTZ SULPHIDES (P). 36.2-38.7: As per 21.7- 32.0, F -45°.	5	13	1.6	3045	36.2	38.1	1.9	2.78	5.50	40.46			5.282	10.45	76.874	
		38.7-41.6: FAULT ZONE. Core is consolidated mud and pebbles.	5	12	1.5	3046	38.1	39.6	1.5	2.53	5.67	39.43			3.795	8.505	59.145	
			5	3	0.6	3047	39.6	41.1	1.5	0.68	0.60	12.00						
		41.6-50.3: A quartz-sericite matrix with stringers of sulphide, mostly sphalerite but some pyrite. At	5	5	1.2	3048	41.1	42.7	1.6	0.95	1.75	15.09						
			5	1	0.3	3049	42.7	44.2	1.5	3.23	4.15	73.71			4.845	6.225	110.565	
		42.4 fold nose and tension cracks.	10	6	0.5	3050	44.2	45.7	1.5	2.83	4.12	64.46			4.245	6.18	96.69	
		F -45° @ 46.5.	5	Tr.	1.1	3051	45.7	47.2	1.5	2.05	0.13	Tr.						

DDH: FAGU096 -- 42 DEGREE PROFILE

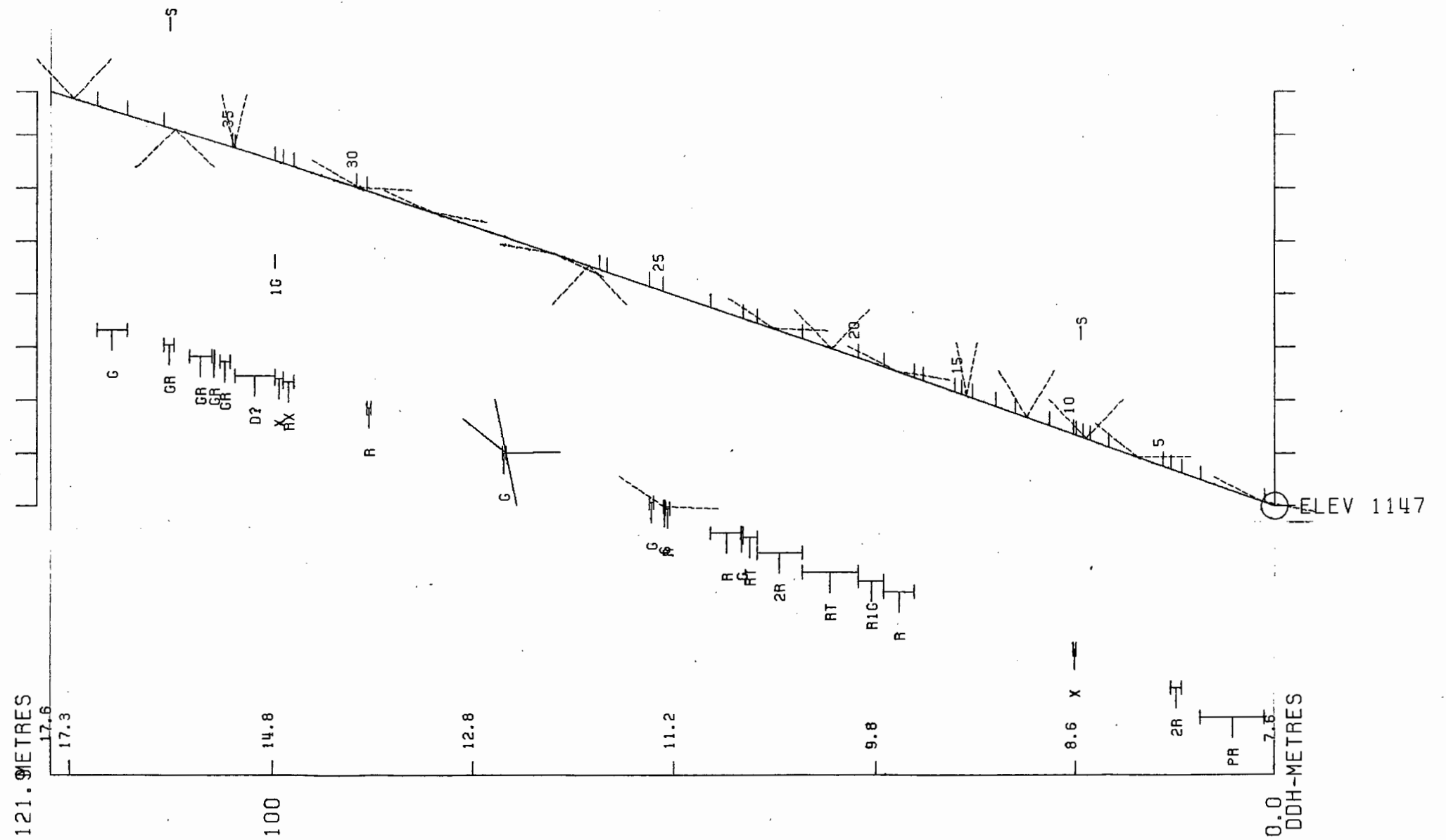
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1147 592425E ; 904960N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.5 Z = 1148.9

SECTION NAME: 70W



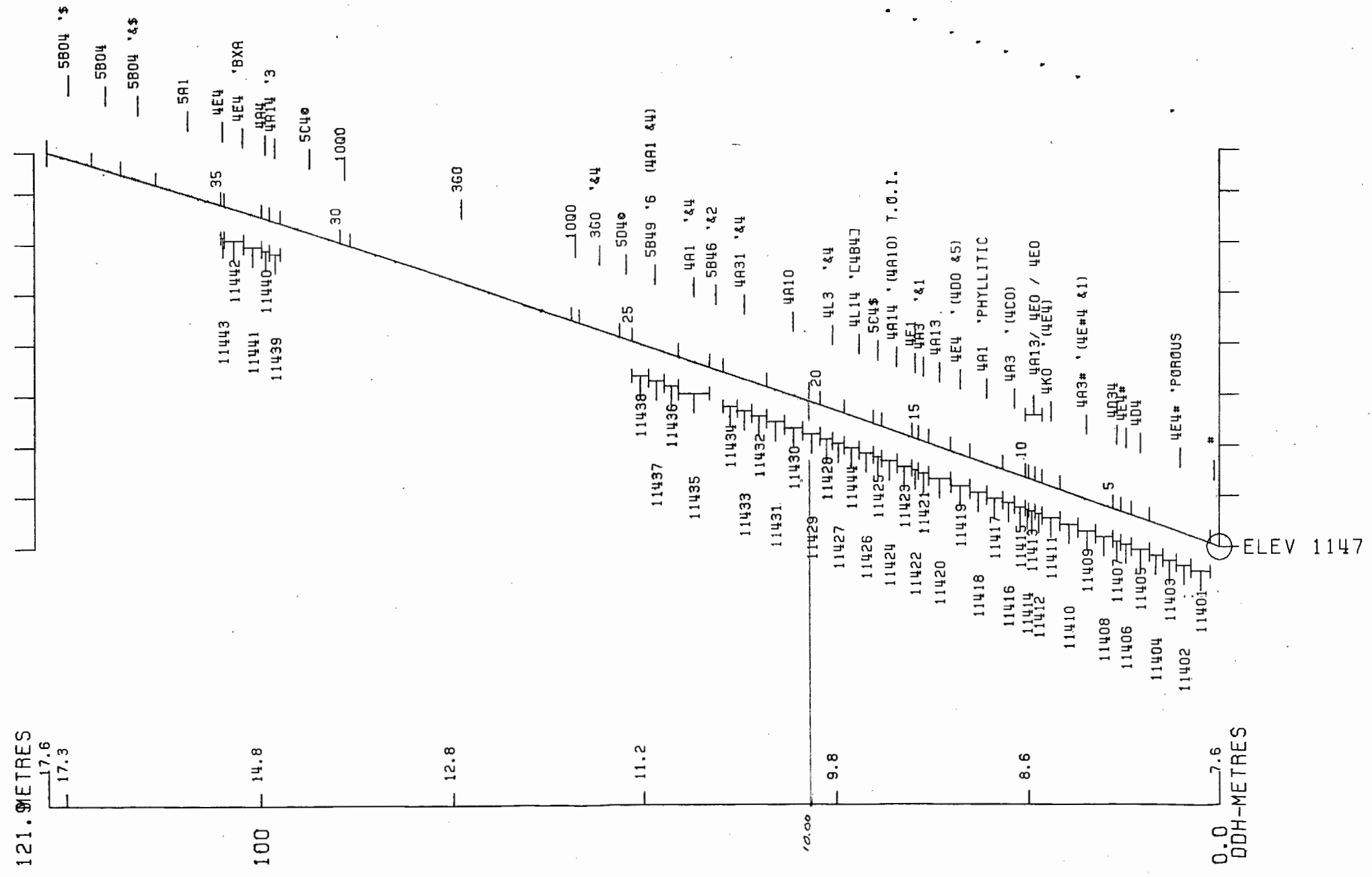
CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 27 SEP 1984 11:12 AM



DDH: FAGU096 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1147 592425E ; 904960N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 555.5 Z = 1148.9
 SECTION NAME: 70W



* CYPRUS ANVIL MINING CORPORATION
 PROGRAM OH162 27 SEP 1984 11:14 AM

FAGU098

DRILL HOLE : FAGU098
NORTHING : 904,959.2
EASTING : 592,425.8
ELEVATION : 1,145.5
TOTAL DEPTH : 52.1
SECTION : W 70
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: 14
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHCLOGY: 36
NOS DOWN-H-STRUCTURE: 0
NOS DOWN-H-FAULTS: 7
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

10MAY84 GRUM

DOWN-HOLE SURVEYS (DHD2C)

PAGE: 10

BDH: FAGUC98 UTM-N: 904,959.2 UTM-E: 592,425.8 UTM-ELEV: 1,145.5 TOTAL DEPTH: 52.1 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	156.700	216.000

BDH: FAGU098 UTM-N: 9C4,959.2 UTM-E: 592,425.8 UTM-ELEV: 1,145.5 TOTAL DEPTH: 52.1 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
0.6	OC01	4E4		0.5-	1
1.3	OC02	4D41	2	0.5-	1
5.5	OC03	4D4		0.5-	1
6.4	OC04	4L15	4\$	0.5-	1
7.9	OC05	4E4	BXA	0.5-	1
8.2	OC06	10Q0*	9	0.5-	1
10.0	OC07	4E4	POROUS	0.5-	1
12.3	OC08	4D4		0.5-	1
12.4	OC09	4L5\$		0.5-	1
12.5	OC10	4D4\$		0.5-	1
13.3	OC11	4K4\$		0.5-	1
13.8	OC12	4E4		0.5-	1
14.1	OC13	4K4#	\$	0.5-	1
14.2	OC14	5D4\$		0.5-	1
15.6	OC15	4E4	& POROUS	0.5-	1
16.2	OC16	4A4		0.5-	1
18.3	OC17	4A0		0.5-	1
20.2	OC18	4L2		0.5-	1
20.4	OC19	5D4*		0.5-	1
21.5	OC20	4L2		0.5-	1
25.9	OC21	4A0		0.5-	1
26.8	OC22	4A4		0.5-	1
27.5	OC23	10Q0	9 (5D4*)	0.5-	1
29.8	OC24	5D4*	(4L0)	0.5-	1
30.7	OC25	5B62		0.5-	1
30.9	OC26	5B62		0.5-	1
31.1	OC27	5B62		0.5-	1
31.2	OC28	5B62		0.5-	1
31.3	OC29	5B62		0.5-	1
31.7	OC30	5B62	(10Q09)	0.5-	1
32.1	OC31	5B62		0.5-	1
32.6	OC32	5B62		0.5-	1
33.2	OC33	4L0		0.5-	1
34.2	OC34	5B6		0.5-	1
38.0	OC35	4L2	(10Q0)	0.5-	1
52.1	OC36	5B6		0.5-	1

10MAY84 GRUM

DCWN-HCLE FAULTS (DHO20)

PAGE: 12

DDH: FAGU098 UTM-N: 904,959.2 UTM-E: 592,425.8 UTM-ELEV: 1,145.5 TOTAL DEPTH: 52.1 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD	
FAGU098	6.4	7.9	D				0	0	0	0	1
FAGUC98	30.7	30.9	G				40	0	35	0	1
FAGU098	31.1	31.2	G				99	999	99	999	1
FAGU098	31.3	31.7	GB				0	0	0	0	1
FAGUC98	32.1	32.6	G				0	0	99	999	1
FAGU098	0.0	34.2	G?				20	60	0	0	1
FAGU098	38.0	52.1	GF?				0	0	0	0	1

10MAY84 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 13

DDH: FAGU098 UTM-N: 904,959.2 UTM-E: 592,425.8 UTM-ELEV: 1,145.5 TOTAL DEPTH: 52.1 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH SEGMENT NOS COND INDICATOR

FAGU098 1 1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 09:06:12

DIAMOND DRILL CORE LOG

Date: 27 Aug/81

Hole Number: FAGU - 098(76-U-98) Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: SECTION 70W

Claim: _____

Terr. Plane Co-ords.: 6904959.2 N

592425.8 E

Grid Co-ords: 70 W

6 N

Elevation: 1145.5

Total Depth: 63.8m

Purpose: GRUM DEPOSIT - DEFINITION

Reason hole Terminated: _____

Logged by: GG

Date(s) Logged: 27 Aug/81

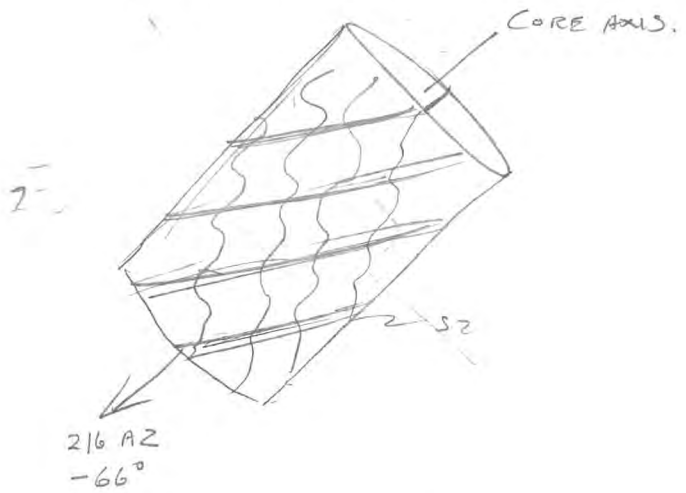
Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped:
<u>BQ</u>	<u>0.0</u>	<u>63.8</u>	_____

Hole Cemented: _____

Steel down hole: _____

Started: 27 May/81 Completed: 29 May/81



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

UTM
Conversions of
K-A surveys
grid co-ords

NB NO STRUCTURAL LOG SEE FAGU 115 WHICH IS HQ RE DRILL
DITTO - RE. ASSAY SEE FAGU 115.

DDH FAGU098
₂ ₈

Diamond Drill Core Log

Date: Aug 26/81 Logged By: DSJ/JCS

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	FAGU098	1145.5	9049.5	91.2	59,242.5	1.8	metres	Sz				

*216.0
for True North*

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments					
I	2	8	10	14	22	26	28	32	34	56
R	FAGU098	00	156	721.4	4 AT COLLAR					

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

Lithologic Log

Date: 26 Aug 81 Logged By: DST - JGS

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	100	106		101	14E14	
L	106	113		102	14D141	2
L	113	115		103	14D141	V.H.G.
L	115	116		104	14L115	4 DOL
L	116	117		105	14E14	ABRECCIA
L	117	118		106	110Q10*	4 CARB. QTZ SULPH VEIN.
L	118	120		107	14E14	Porous
L	120	122		108	14D141	
L	122	123		109	14L151	DOL
L	123	124		110	14D141*	DOL
L	124	125		111	14K14	DOL
L	125	128		112	14E14	
L	128	131		113	14K14	calc-dol.
L	131	132		114	15D14*	DOL
L	132	135		115	14E14	15-15.6 4E4 Porous
L	135	136		116	14A14	
L	136	138		117	14A10	
L	138	140		118	14L121	
L	140	142		119	15D14*	frash 1-2%
L	142	145		120	14L121	
L	145	149		121	14A10	
L	149	150		122	14A14	
L	150	151		123	110Q10.2	Py (504)
L	151	152		124	15D14*	ANK (40)
L	152	153		125	15B16.2	
L	153	154		126	15B16.2	GAUGE u/c 40/0 L/c 35/0 11S2
L	154	155		127	15B16.2	
L	155	156		128	15B16.2	GAUGE u/c Lc 11S2 ARTIF.
L	156	157		129	15B16.2	
L	157	158		130	15B16.2	(1000) Py Gauge Pt Core
L	158	159		131	15B16.2	
L	159	160		132	15B16.2	GAUGE u/c 50 Lc Core Axis Lc 11S2
L	160	163		133	14L10	
L	163	164		134	15B16	
L	164	168		135	14L2	(1000) 34.2 GAUGE u/c 20/60
L	168	169		136	15B16	DOL LANE THRUST 34.2 GAUGE u/c 20/60

END of HOLE.

DDH FAGU098
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			22	24	26	28	32	34		38
F		164		179	D									
F		307		309	G		40	0,00				350	0,00	
F		311		312	G		99	9999				99	9999	
F		313		317	GB									
F		321		326	G							99	9999	
F				342	G?		20	0,60						
F		380		521	GF?									

DDH: FAGU098 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1146 592426E ; 904959N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.9 Z = 1146.8

SECTION NAME: 70W

DDH-METRES
0.0

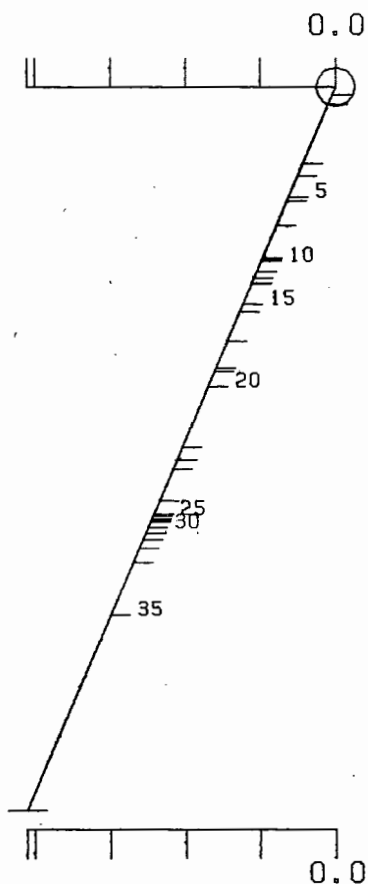
6.8

6.1

5.5

5.1

52.1 METRES



ELEVATION
ABOVE S.L.

+ 1100 M.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 27 SEP 1984 11:15 AM



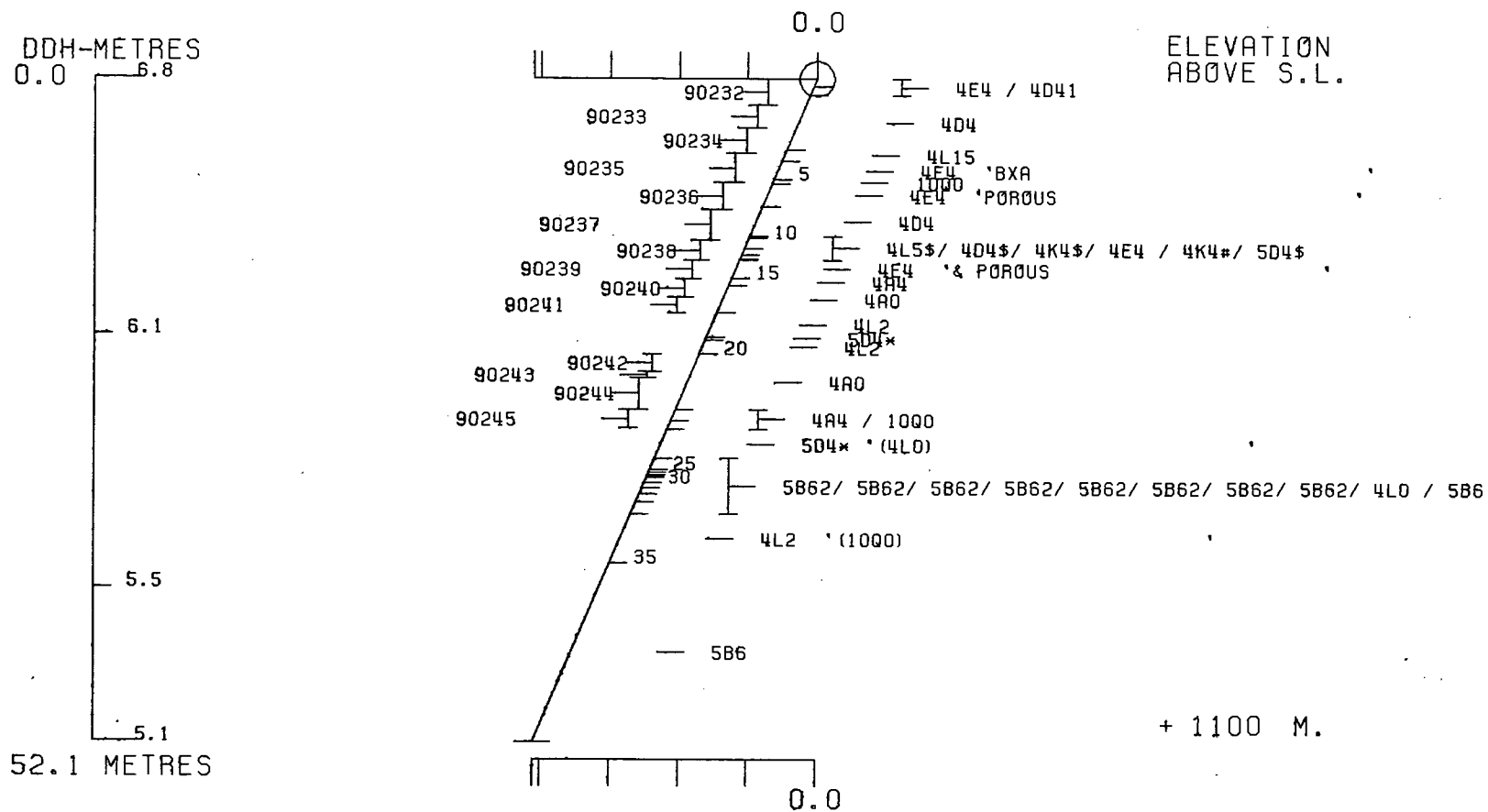
DDH: FAGU098 -- 42 DEGREE PROFILE (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1146 592426E ; 904959N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.9 Z = 1146.8

SECTION NAME: 70W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 27 SEP 1984 11:16 AM



FAGU 100

DRILL HOLE : FAGU100
NORTHING : 904,958.8
EASTING : 592,425.7
ELEVATION : 1,148.4
TOTAL DEPTH : 121.9
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 31
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 29
NOS DOWN-H-STRUCTURE: 18
NOS DOWN-H-FAULTS: 7
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

UDH: FAGU100 UTM-N: 904,359.8 UTM-E: 592,425.7 UTM-ELEV: 1,148.4 TOTAL DEPTH: 121.9 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	54.900	222.500
61.000	57.000	224.000
120.400	53.200	234.000

LUN: BAGU100 UTM-N: 904753.8 UTM-E: 5927425.7 UTM-ELEV: 17148.4 TOTAL DEPTH: 121.9 SECTION: W 70
 RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.0	0001	4E4	MINOR # POROLS	0.5-	1
13.5	0002	4D45	[4A4]	0.5-	1
15.2	0003	4E45		0.5-	1
17.6	0004	4E4	(4D0)	0.5-	1
21.0	0005	4A41	(4D4)	0.5-	1
22.0	0006	4E0	BXA (4D0)	0.5-	1
24.4	0007	4A41	BXA	0.5-	1
32.2	0008	4A41	SOME NO CORE	0.5-	1
36.1	0009	4A4	PHYLLITIC	0.5-	1
37.8	0010	4A4	(4L0)	0.5-	1
42.7	0011	4A4	PHYLLITIC	0.5-	1
44.2	0012	4E4	[4A41] PHYLLITIC	0.5-	1
48.4	0013	4A4	PHYLLITIC	0.5-	1
48.7	0014	4E0		0.5-	1
54.0	0015	4A41	PHYLLITIC	0.5-	1
56.5	0016	4L3		0.5-	1
58.7	0017	4A41	PHYLLITIC	0.5-	1
63.7	0018	4L2	(5B64)	0.5-	1
80.0	0019	5B6		0.5-	1
82.0	0020	4A4	NO CORE	0.5-	1
89.7	0021	5D45		0.5-	1
90.4	0022	4A4		0.5-	1
91.4	0023	4E4		0.5-	1
105.7	0024	5A0		0.5-	1
106.7	0025	5B0		0.5-	1
107.3	0026	5E0		0.5-	1
112.0	0027	5B3		0.5-	1
114.3	0028	500		0.5-	1
121.9	0029	5B3		0.5-	1

DDH: FAGU100 UTM-N: 204,958.8 UTM-E: 592,425.7 UTM-ELEV: 1,148.4 TOTAL DEPTH: 121.9 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	RFE	SYTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	COE	DHDC	SDC	PROCESS
FAGU100	0.0	2.6	PS2	F	0	0	0	C	20	230	C	1	1	1	
FAGU100	0.0	15.4	PS2	F	0	0	0	C	40	230	C	1	1	1	
FAGU100	0.0	18.5	PS2	P	0	0	0	C	70	230	C	1	1	1	
FAGU100	0.0	26.1	CS2	Z	0	0	0	C	60	230	C	1	1	1	
FAGU100	0.0	30.4	PS2	P	0	0	0	C	60	230	C	1	1	1	
FAGU100	0.0	33.4	CS2	Z	0	0	0	C	60	230	C	1	1	1	
FAGU100	0.0	56.6	CS2		0	0	0	C	5	230	C	1	1	1	
FAGU100	0.0	64.1	CS2	Z	0	0	0	C	60	230	C	1	1	1	
FAGU100	0.0	69.7	CS2	Z	0	0	0	C	60	230	C	1	1	1	
FAGU100	0.0	75.8	CS2	Z	0	0	0	C	70	230	C	1	1	1	
FAGU100	0.0	78.5	CS2	Z	0	0	0	C	70	230	C	1	1	1	
FAGU100	0.0	90.4	PS2	P	0	0	0	C	80	230	C	1	1	1	
FAGU100	0.0	93.2	CS2	Z	0	0	0	C	60	230	C	1	1	1	
FAGU100	0.0	97.5	CS2	Z	0	0	0	C	50	230	C	1	1	1	
FAGU100	0.0	104.0	CS2	Z	0	0	0	C	50	230	C	1	1	1	
FAGU100	0.0	106.3	PS2	P	0	0	0	C	60	230	C	1	1	1	
FAGU100	0.0	115.2	CS2	Z	0	0	0	C	60	230	C	1	1	1	
FAGU100	0.0	118.1	PS2	P	0	0	0	C	45	230	C	1	1	1	

DDH: FAGU100 UTM-N: 234,350.9 UTM-E: 592,425.7 UTM-ELEV: 1,143.4 TOTAL DEPTH: 121.9 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGU100	10.7	11.1	D?		C	0	C	C	0	0	1
FAGU100	21.0	22.4	D		0	0	C	C	0	0	1
FAGU100	24.4	32.2	NNN		0	0	C	0	0	0	1
FAGU100	36.1	37.8	G		0	0	C	C	0	0	1
FAGU100	48.4	48.7	G		0	0	C	C	0	0	1
FAGU100	80.0	82.0	NNN		0	0	C	0	0	0	1
FAGU100	82.3	82.6	X?		0	0	C	C	0	0	1

DOWN-HOLE SPLINES (DHO26)

DCH: FAGU100 UTM-N: 914,958.8 UTM-E: 592,425.7 UTM-ELEV: 1,148.4 TOTAL DEPTH: 121.9 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DCH	SEGMENT NOS	COND INDICATOR
FAGU100	1	2
FAGU100	2	2
FAGU100	3	1

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 5

Date: 27 AUG 81

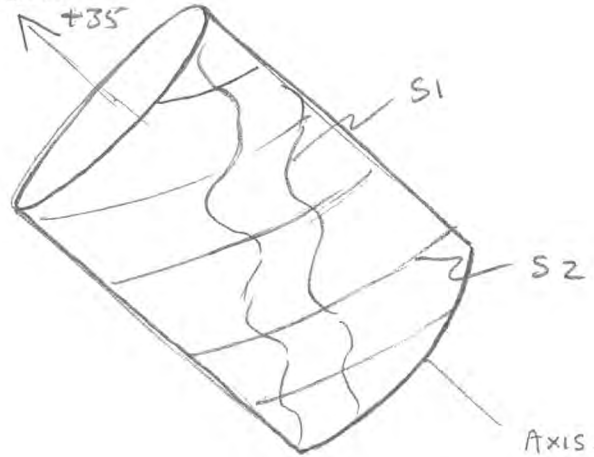
Hole Number: FAGU 100

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

222° Az
+35

Location: 70 W



Claim: _____

UTM
Terr. Plane

Co-ords.: 6904958.8 N

592425.7 E

Grid
Co-ords: —

Elevation: 1148.4 m.

All symmetry determinations looking

NW with S2 dipping

Total Depth: 121.9

SW with dip azimuth 230

Purpose: GRUM U/G

Reason hole
Terminated: _____

Logged by: DST JGS

Date(s) Logged: 27 AUG 81

Drilling
Contractor: C.M.

Size	CORE From	To	Collar Cased and Capped:
<u>BQ</u>	<u>0</u>	<u>121.9</u>	_____

Hole
Cemented: _____

Steel down
hole: _____

Started: 29 MAY 76 Completed: 3 JUN 76

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

DDH FAGU100
2 8

Diamond Drill Core Log

Date: 27 AUG81 Logged By: PSJ JGS

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E
I	2	8	10	16	17	24 25
T	FAGU100	11148	49049.58	859242.5	7 METRES	SZ

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments					
I	2	8	10	14	22	26	28	32	34	56
R	FAGU100	00	54	9229	A.T. COLLAR					
R	FAGU100	610	57	224	SPIRRY MAG					
R	FAGU100	11204	53	234						

*222.5
for True North*

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

DDH F.A.G.U. 10.0
2 8

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 27 AUG 81 Logged By: JGS

Code	From				To				Recov.	No.	Unit	Description
L	10	14	16	20	22	24	26	28	30	34	35	
L	10	0	13	0						41E14		Por sl calc
L	13	0	13	5						41D145		10.7 - 11.1 ORE BRECCIA 12.4-13.5 [4A45]
L	13	5	11	5						41E145		
L	11	5	11	7						41E141		(4C4)
L	11	7	12	0						41A141		(404) 18.3 - 19.2 E
L	12	0	12	0						41E101		Breccia Δ (4C4)
L	12	0	12	4						41A141		Breccia
L	12	4	13	2						41A141		CAME ASSAY TAG (NO CORE) 0001 24.4-25.9
L	13	2	13	6						41A141		PHYL
L	13	6	13	7						41A141		(4L0) Gouge NIL/ATT PHYL
L	13	7	14	2						41A141		PHYL
L	14	2	14	4						41D141		[4A41] PHYL
L	14	4	14	8						41A141		PHYL
L	14	8	14	8						41E10		Gouge NIL ATT F?
L	14	8	15	4						41A141		PHYL
L	15	4	15	6						41L31		
L	15	6	15	8						41A141		PHYL
L	15	8	16	3						41L21		(5B64)
L	16	3	18	0						51B1		Non Calc
L	18	0	18	2						41A10		? CAME SAMPLE 0002 No Core
L	18	2	18	9						51D141*		DOL Fusch 1% 82.3 - 82.6 Breccia 4A4
L	18	9	19	0						41A141		
L	19	0	19	1						41E141		carb Ank
L	19	1	110	5						51A101		CAME.
L	110	5	110	6						51B101		
L	110	6	110	7						51E101		
L	110	7	111	2						51B31		
L	111	2	111	4						51D131		
L	111	4	112	1						51B31		END of HOLE, @ 121.9

Structural Log

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.	
S				26					R						210	2310	Generally S ₂ strikes dip
S				154					R						410	2310	
S				185					R						70	2310	
S				216					CS12Z						610	2310	
S				304					R						610	2310	
S				334					CS12Z						610	2310	
S				566					CS12Z						015	2310	56.5-58.5 Core 11 S ₂
S				614					CS12Z						610	2310	
S				697					CS12Z						610	2310	
S				758					CS12Z						710	2310	
S				785					CS12Z						710	2310	
S				904					R						810	2310	
S				932					CS12Z						610	2310	
S				975					CS12Z						510	2310	
S				11040					CS12Z						510	2310	
S				11068					PS2						610	2310	
S				11152					CS12Z						610	2310	
S				11281					PS2						45	2310	

CODE	FROM		TO		SAMPLE	INTR.				REC (m)	UNIT	DESCRIPTION			
	10	14	16	20		22	26	28	30				32	34	36
P	10	14	16	20	11358	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11359	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11360	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11361	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11362	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11363	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11364	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11365	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11366	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11367	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11368	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11369	22	26	28	30	32	34	36	40	42	91572
P	10	14	16	20	11370	22	26	28	30	32	34	36	40	42	No core left. See K.A. Assay No. 3090
P	10	14	16	20	11371	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11372	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11373	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11374	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11375	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11376	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11377	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11378	22	26	28	30	32	34	36	40	42	4P4
P	10	14	16	20	11379	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11380	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11381	22	26	28	30	32	34	36	40	42	V. POOR RECOVERY
P	10	14	16	20	11382	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11383	22	26	28	30	32	34	36	40	42	
															90170
P	10	14	16	20	11384	22	26	28	30	32	34	36	40	42	No core left. See K.A. Assay No 3210
P	10	14	16	20	11385	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11386	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11387	22	26	28	30	32	34	36	40	42	
P	10	14	16	20	11388	22	26	28	30	32	34	36	40	42	

DDH FAGU100
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.	Dip	Direct.				
	10	14	16	20	22	24	26	28	32	34	38	40	44	
F		107		111	D?									
F		210		224	D									
F		244		322	NNN									
F		361		378	G									
F		484		487	G									
F		800		820	NNN									
F		823		826	X?									

DIAMOND DRILL RECORD

 LOGGED BY JOCK HOWARD

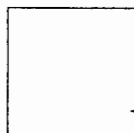
 D.D.H. No 76-U-100 PAGE 1

 PROPERTY GRUM JOINT VENTURE (VANGORDA-GRUM)

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	222° 29'	+35° 07'

 LATITUDE 10,748.849 6N/E STARTED MAY 29, 1976

 DEPARTURE 7,731.497 70W COMPLETED JUNE 3, 1976

 ELEVATION 1159.022 PROPOSED DEPTH _____
 ULTIMATE DEPTH 121.9


CLAIM No _____

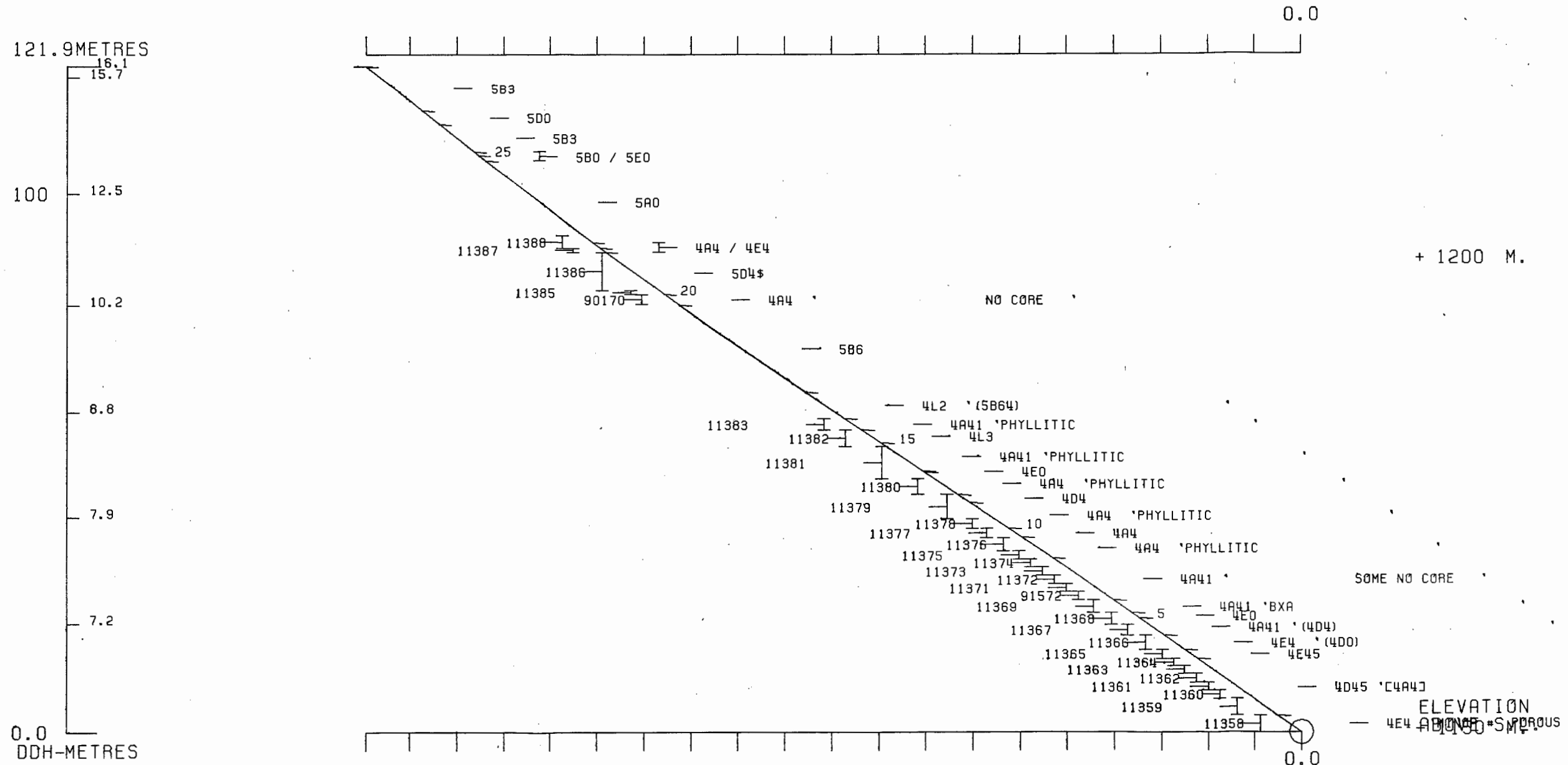
DIRECTION AND DISTANCE FROM N.E. CLAIM POST

 TOTAL CORE RECOVERY: 72.4%

Interval		DESCRIPTION	Py	PbZn	Recovery	Sample No	Interval		Sample Length	Assay					Assay x		
From	To						From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
0	3.0	MASSIVE SULPHIDES (MV).	80	8	1.4	3075	0	3.0	3.0	5.75	11.65	96.69			17.25	34.95	290.07
		Sulfides are porous and vuggy yet competent for this type of rock.	40	15	0.7	3076	3.0	4.6	1.6	7.70	14.97	111.09			12.32	23.952	177.74
			30	20	0.7	3077	4.6	6.1	1.5	11.77	21.01	164.57			17.655	31.515	246.86
			35	18	0.7	3078	6.1	7.6	1.5	9.26	16.97	127.20			13.89	25.455	190.8
3.0	20.3	QUARTZ SULPHIDES (P).	35	18	0.8	3079	7.6	9.1	1.5	7.30	13.60	90.86			10.95	20.4	136.29
		Bands of massive Sulphides (up to .2m) in a quartz-sericite matrix. Also thin laminae interbanded with phyllite. Core up to 10.2 is broken and pebble-core recovery is poor. Approximately 40% phyllite.	40	15	0.9	3080	9.1	10.7	1.6	6.75	13.13	92.92			10.8	21.008	148.67
			45	10	1.1	3081	10.7	12.2	1.5	2.85	6.01	37.37			4.275	9.015	56.055
			35	18	1.3	3082	12.2	13.7	1.5	6.15	10.53	78.86			9.225	15.795	118.29
		11.7-12.2: Bleached phyllite and fault gouge.	50	5	1.3	3083	13.7	15.2	1.5	2.00	4.24	33.26			3.00	6.36	49.89
			50	8	1.3	3084	15.2	16.8	1.6	1.03	3.50	23.31			1.648	5.60	31.296
			45	11	1.4	3085	16.8	18.3	1.5	1.73	4.38	33.26			2.595	6.57	49.89
20.3	29.8	QUARTZ SULPHIDE BRECCIA (PXq).	35	16	1.5	3086	18.3	19.8	1.5	4.74	10.17	68.57			7.11	15.255	102.86
		As previous but brecciated with sulphide blebs as well as stringers and massive bands. Little or no evidence of structure.	40	13	1.5	3087	19.8	21.3	1.5	3.78	4.10	52.46			5.67	6.15	78.69
			25	10	1.6	3088	21.3	22.9	1.6	1.23	1.88	17.14			1.97	3.01	53.22
			15	11	1.4	3089	22.9	24.4	1.5	2.50	3.05	33.26			3.75	4.575	49.89
			20	13	1.5	3090	24.4	25.9	1.5	2.70	4.55	36.34			4.05	6.825	54.51
			15	10	0.8	3091	25.9	26.7	0.8	1.63	2.88	25.37			1.304	2.304	20.296

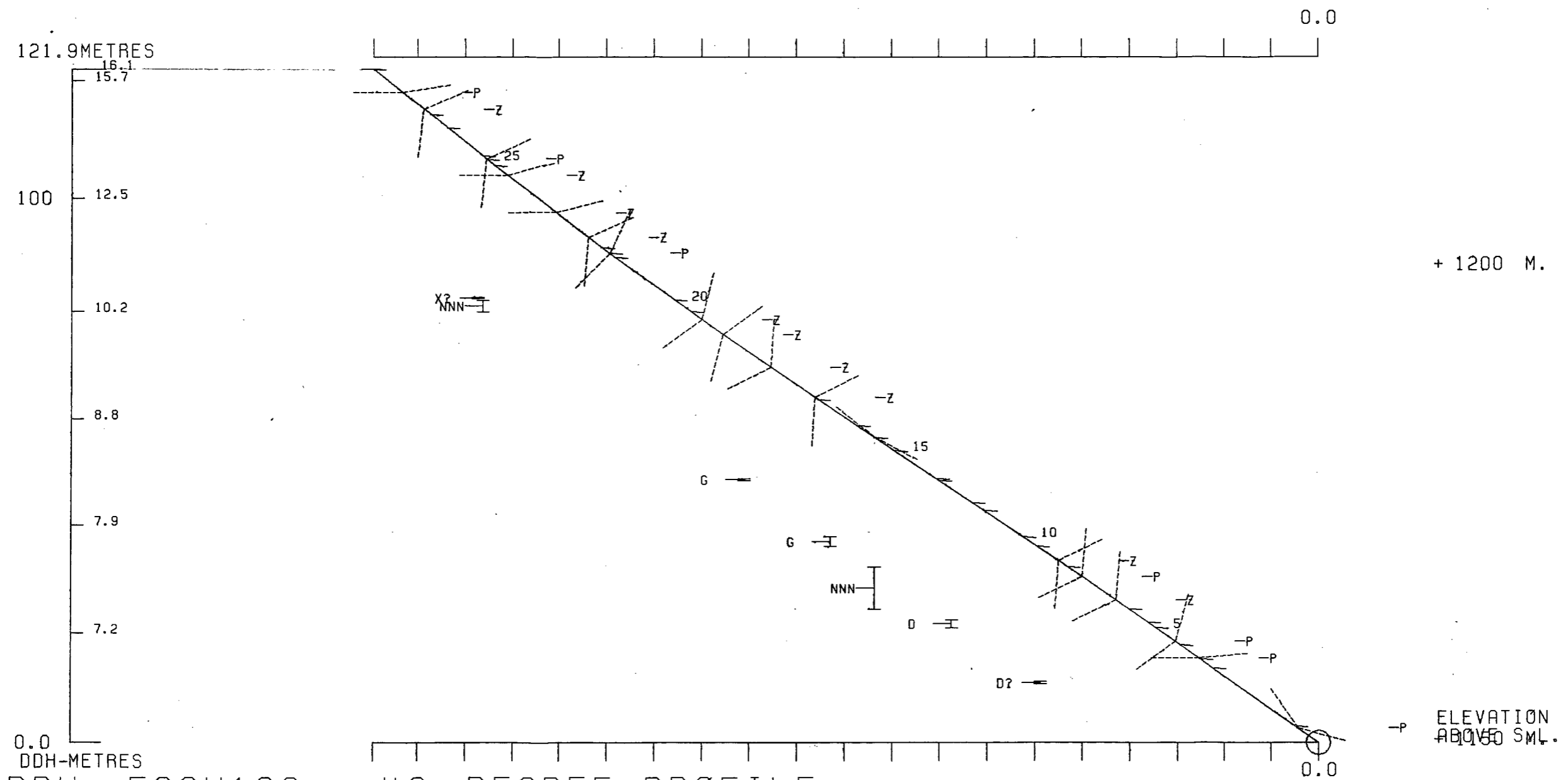
Interval		DESCRIPTION	Py	PbZn	Recovery	Sample NQ	Interval		Sample Length	Assay					Assay x		
From	To						From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
		26.7-27.4: Massive sulphide.	60	22	0.7	3092	26.7	27.4	0.7	2.18	5.93	30.17			1.526	4.151	21.119
			15	5	2.2	3093	27.4	29.8	2.4	1.23	2.73	19.20			2.952	6.552	46.08
29.8	31.5	MASSIVE SULPHIDE (MB).	50	15	1.7	3094	29.8	31.5	1.7	3.14	5.60	50.40			5.338	9.52	85.69
		Banded sulphides in a quartz matrix. F -40°.	5	18	1.8	3095	31.5	33.5	2.0	2.83	6.49	40.46			5.66	12.98	80.92
31.5	54.0	QUARTZ SULPHIDES (P).	5	12	1.0	3096	33.5	35.1	1.6	1.38	2.55	17.14			2.208	4.08	27.424
		Thin laminae of sphalerite and some pyrite in a	5	12	0.3	3097	35.1	36.6	1.5	2.38	5.90	34.29			3.57	8.85	51.435
		quartz matrix. F -30°.	5	12	0.8	3098	36.6	38.1	1.5	1.13	4.94	17.14			1.695	7.41	25.71
		35.1-54.0: Fault zone. Core is pebbly and in some	5	12	0.7	3099	38.1	39.6	1.5	3.08	3.50	41.49			4.62	5.25	62.235
		spots gouged.	5	12	0.5	3100	39.6	41.1	1.5	1.70	7.00	25.37			2.55	10.5	38.055
			5	12	0.2	3201	41.1	42.7	1.6	1.05	2.63	15.09			1.68	4.208	24.144
			5	12	0.9	3202	42.7	44.2	1.5	4.89	10.94	86.74			7.335	16.41	130.11
			5	12	0.6	3203	44.2	47.2	3.0	2.43	3.15	37.37			7.29	9.45	112.11
			20	12	0.9	3204	47.2	48.8	1.6	4.89	2.75	71.66			7.824	4.4	114.66
			5	12	0.3	3205	48.8	50.3	1.5	5.54	4.50	72.69			8.31	6.75	109.04
			5	12	0.3	3206	50.3	51.8	1.5	1.90	1.83	26.40			2.85	2.745	39.6
			5	12	0.5	3207	51.8	54.0	2.2	1.43	0.68	18.17			3.146	1.496	39.974
54.0	56.5	WHITE PHYLLITE (Ss).	Tr.	Tr.	1.9	3208	54.0	56.5	2.5	0.13	Tr.	Tr.			0.33	0	0
		Buff white, showing silvery sheen on most surfaces.				W.Av.	22.9	50.3	27.4	2.61	4.53	38.44			71.662	124.215	1053.41
		F =10-15°. Sharp in/out contacts.				W.Av.	42.7	50.3	7.6	4.05	4.87	61.30			30.759	37.01	465.911
						W.Av.	42.7	45.7	3.0	3.66	7.04	62.05			10.980	21.135	186.17
56.5	58.7	GRAPHITE PHYLLITE (GP).	5	3	2.0	3209	56.5	58.7	2.2	1.10	2.45	15.09					
		Dark gray to black. F sub-parallel to core. Stringers				W.Av.	29.8	33.5	3.7	2.97	6.08	45.03			10.998	22.50	166.60
						W.Av.	50.3	54.0	3.7	1.62	1.14	21.51			5.996	4.241	79.574

Interval		DESCRIPTION	Py PbZn	Recovery	Sample N ^o	Interval		Sample Length	Assay					Assay x		
From	To					From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
		both within F and perpendicular to F. Traces of pyrrhotite			W.Av.	0	13.7	13.7	7.03	13.29	99.62			96.365	182.09	1364.78
					W.Av.	13.7	21.3	7.6	2.63	5.25	41.13			20.025	39.935	312.621
58.7	63.6	WHITE PHYLLITE (S ₂).		4.5/4.9	W.Av.	18.3	21.3	3.0	4.26	7.13	60.51			12.78	21.405	181.55
		Pale yellow-gray to buff. F generally sub parallel to core. Bull quartz veins: 58.7-59.2; 60.3-60.6; 62.4-62.7.			W.Av.	13.7	50.3	36.6	2.56	4.57	38.8			93.66	167.17	1419.93
63.6	66.7	QUARTZ SERICITE PHYLLITE (S).		3.0/3.1												
		Typical dark gray, F -35°. Core is blocky but not incompetent.														
66.7	68.0	WHITE PHYLLITE (S ₂).		1.0/1.3												
		Light gray to buff with a .1m section of kaolinized feldspar and bull quartz.														
68.0	80.2	QUARTZ SERICITE PHYLLITE (S).		12.2/12.2												
		As previous (63.6-66.7) but not blocky. F variable 35-55°. Thin scattered tension cracks perpendicular to core angle filled with felsic material.														
80.2	82.0	QUARTZ SULPHIDES (PF).														
		As previous (68.0-80.2) but with bands of F sulphides. 5cm band of po at 80.2.	10 7	1.5	3210	80.2	82.0	1.8	2.20	5.20	31.20			3.96	9.36	56.16
			5 3.5	1.0	3211	82.0	83.2	1.2	1.38	3.70	22.29			16.56	4.44	26.784



DDH: FAGU100 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)
 ELEV:1148 592426E ; 904959N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 555.6 Z = 1149.7
 SECTION NAME: 70W



DDH: FAGU100 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1148 592426E ; 904959N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.6 Z = 1149.7

SECTION NAME: 70W

FAGU 102

DRILL HOLE : FAGU1C2
NORTHING : 904,959.7
EASTING : 592,425.9
ELEVATION : 1,150.0
TOTAL DEPTH : 47.2
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CORE-SAMPLES: 19
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 24
NOS DOWN-H-STRUCTURE: 6
NOS DOWN-H-FAULTS: 12
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

EYMAR04 GRUM

ORE SAMPLES & ASSAYS (CHDED)

DOH: FAGU102 UTM-N: 904799.7 UTM-E: 5927425.9 UTM-ELEV: 1,150.0 TOTAL DEPTH: 47.2 SECTION: W 70
 RFE: 32 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT. RFC.	ROCK UNIT	S.G. PULP	CU %	PE %	ZN %	AG(AA) G/MT	AG(FA) G/MT	ASSAYS				BAO %	HG %	MN %	AS %	SA %	S.G. W.R.
FRCM	TO										AU(FA) G/MT	PO %	PY %	TOT FE						
.0	1.9	11389	1.9	.6	4D43	4.53	.09	9.10	16.70	147.00	1.99	2	20	22						
1.9	4.0	11390	2.1	2.1	4DE4	3.93	.03	7.60	15.80	133.00	1.65	1	14	16						
4.0	6.1	11391	2.1	1.5	4DE4	4.08	.04	7.90	17.00	134.00	1.78	1	17	18						
6.1	8.1	11392	2.0	1.5	4DE4	4.23	.09	9.40	18.30	132.00	1.78	1	16	17						
8.1	12.1	11393	4.0	1.5	4EL	3.18	.07	1.37	2.50	26.00	.69	3	6	9						
12.1	13.7	11394	1.6	1.5	4D43	3.27	.07	4.50	7.10	65.00	1.51	1	20	22						
13.7	15.2	11395	1.5	1.2	4D43	3.80	.05	3.70	2.20	61.00	1.44	1	17	18						
15.2	17.9	11396	2.7	.7	5B62	3.10	.02	.35	1.14	9.00	.27	5	2	7						
17.9	19.8	11397	1.9	1.4	4D43	3.62	.06	4.70	4.70	67.00	.69	7	13	20						
19.8	21.3	11398	1.5	.3	5B6	3.04	.04	.33	.61	10.00	.27	2	3	6						
21.3	21.7	11399	.4	.4	4E4	4.31	.11	6.50	12.00	132.00	1.44	1	23	24						
21.7	27.4	11400	5.7	2.8	4A0	3.33	.11	.89	1.78	21.00	.55	3	9	13						
27.4	29.0	90246	1.6	.0	4L4			2.58	4.00											
29.0	33.5	90247	4.5	.0	4L4			2.58	4.40											
37.9	39.2	90248	1.3	.0	4DL			2.48	6.25	27.40										
39.2	41.1	11251	1.9	1.9	4AE	3.79	.08	3.30	5.30	46.00	1.37	3	19	22						
41.1	42.7	11252	1.6	1.6	4E45	3.74	.11	3.10	7.80	53.00	1.85	3	17	20						
42.7	44.2	11253	1.5	1.5	4E45	4.10	.29	4.00	7.10	66.00	1.92	3	21	24						
44.2	45.7	11254	1.5	1.5	4E45	3.69	.25	2.80	5.80	46.00	1.51	4	17	21						
WEIGHTED AVERAGE																				
.0	33.5		33.5	15.5		2.95	.05	3.60	6.71	52.01	10.59	.83	2	9	12					
37.9	45.7		7.8	6.5		3.18	.14	3.16	6.41	48.18		1.37	2	15	18					

DLH: FAGU102 UTM-N: 904,959.7 UTM-E: 592,425.9 UTM-ELEV: 1,150.0 TOTAL DEPTH: 47.2 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	24.600	222.700

CDH: FAGU102 UTM-N: 904,959.7 UTM-E: 592,425.9 UTM-ELEV: 1,150.0 TOTAL DEPTH: 47.2 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.5	OC01	4043	5	0.5-	1
1.9	OC02	4E4	PCROUS	0.5-	1
4.0	OC03	4043	5 [4A43]	0.5-	1
4.4	OC04	4E4		0.5-	1
7.0	OC05	4043	5 [4A43]	0.5-	1
8.1	OC06	4E4		0.5-	1
9.1	OC07	5B6		0.5-	1
12.1	OC08	4L42		0.5-	1
13.2	OC09	4043	5 [4A43]	0.5-	1
17.9	OC10	5B62		0.5-	1
19.6	OC11	4043	5	0.5-	1
21.3	OC12	5B6		0.5-	1
21.7	OC13	4E4		0.5-	1
27.4	OC14	4A0		0.5-	1
35.1	OC15	4L4	(10QC) (4E4) (4A0)	0.5-	1
36.6	OC16	5C46	(5A0)	0.5-	1
36.8	OC17	5A0		0.5-	1
37.9	OC18	10QC		0.5-	1
38.1	OC19	40C5		0.5-	1
39.2	OC20	4L2	(10QC) (4C0)	0.5-	1
39.6	OC21	4E4		0.5-	1
40.4	OC22	4A0		0.5-	1
45.7	OC23	4E45	BXA (4D4)	0.5-	1
47.2	OC24	5B61	(10QC)	0.5-	1

DDH: FAGU102 UTM-N: 904,959.7 UTM-E: 592,425.9 UTM-ELEV: 1,150.0 TOTAL DEPTH: 47.2 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SC ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	COE	DHDC	SDC	PROCESS
FAGU102	0.0	2.8	PS2	P	0	0	0	C	35	230	0		1	1	1
FAGU102	0.0	6.4	PS2	P	0	0	0	C	20	230	0		1	1	1
FAGU102	0.0	14.0	PS2	P	0	0	0	C	45	230	0		1	1	1
FAGU102	0.0	21.5	PS2	P	0	0	0	C	55	230	0		1	1	1
FAGU102	0.0	25.7	PS2	P	0	0	0	C	50	230	0		1	1	1
FAGU102	0.0	36.6	PS2	P	0	0	0	C	40	230	0		1	1	1

DDH: FAGU102 UTM-N: 904,959.7 UTM-E: 592,425.9 UTM-ELEV: 1,150.0 TOTAL DEPTH: 47.2 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD	
FAGU102	9.1	12.1	BP		2		0	0	0	0	1
FAGU102	12.1	15.2	X?				0	0	0	0	1
FAGU102	15.2	17.9	G				0	0	0	0	1
FAGU102	17.9	19.8	X?				0	0	0	0	1
FAGU102	19.8	21.3	G				0	0	0	0	1
FAGU102	21.7	27.4	SRP		3		0	0	0	0	1
FAGU102	27.4	35.1	GR				0	0	0	0	1
FAGU102	30.8	37.9	BF?				0	0	0	0	1
FAGU102	38.1	39.2	BG				0	0	0	0	1
FAGU102	15.2	39.2	B				0	0	0	0	1
FAGU102	40.4	45.7	X?				0	0	0	0	1
FAGU102	45.7	47.2	G				0	0	0	0	1

27MARB84 880M

DOWN-HOLE SALINES (DR320)

PAGE: 27

CDH: FAGU102 UTM-N: 904,959.7 UTM-E: 592,425.9 UTM-ELEV: 1,150.0 TOTAL DEPTH: 47.2 SECTION: W 70
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

CDH SEGMENT NOS COND INDICATOR

FAGU102 1 1

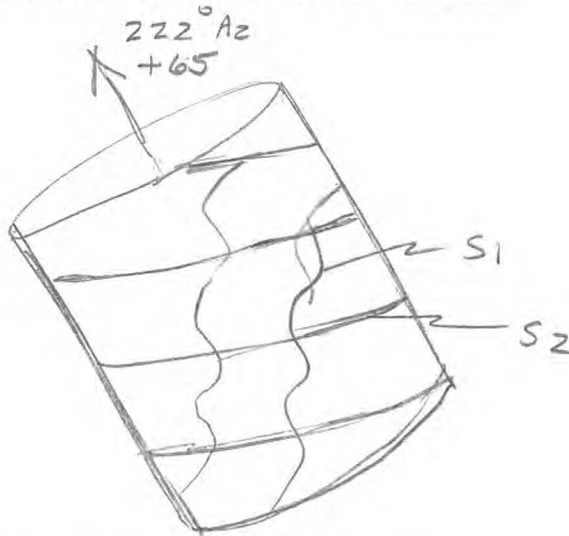
DIAMOND DRILL CORE LOG

Date: 27 AUG 81

Hole Number: FAGU 102

Reference Fabric Orientation Diagram:

Project: GRUM RELOG



Location: 70 W.

Claim: -

U.T.M
Terr. Plane
Co-ords.: 6904959.7 N

592425.9 E

Grid
Co-ords: _____

Elevation: 1150.0 M.

All symmetry determinations looking

NW with S₂ dipping

Total Depth: 47.2 m.

SW with dip azimuth 230°.

Purpose: GRUM U/G.

Reason hole
Terminated: _____

Logged by: DST JGS

Date(s) Logged: 27 AUG 81

Drilling
Contractor: C.M.

Size	CORE From	To	Collar Cased and Capped: _____
<u>BQ</u>	<u>0</u>	<u>47.2</u>	

Hole
Cemented: _____

Steel down
hole: _____

Started: 3 JUN 76 Completed: 4 JUN 76

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

Lithologic Log

Date: 27 AUG 81 Logged By: JOR - O.S.J.

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
L	100		116			101	4B42	S		
L	118		119			102	4E41	Por		
L	119		140			103	4D42	S [4A+2]		
L	140		144			104	4E41			
L	144		170			105	4D42	S [4A+2]		
L	170		181			106	4E41			
L	181		191			107	5B61			
L	191		1121			108	4L42	Bkn Core 50-75 m rec		
L	1121		1152			109	4D42	S [4A+2] A Breccia 422 122-124		
L	1152		1179			110	5B62	FAULT GAUGE (? no sulphide noted) 15.2-15.4		
L	1179		1198			111	4D42	S Breccia A CLAY MIL ATT		
L	1198		1213			112	5B61	GAUGE F MIL/ATT		
L	1213		1217			113	4E41			
L	1217		1274			114	4A01	REC < 1.3 m. Bkn Core Rubble.		
L	1274		1351			115	4L41	Mostly (10,00) GAUGE RUBBLE (4E+)(4A0)		
L	1351		1366			116	5D41*	DOL (SAO) S2 contact. NOT METATUFF		
L	1366		1368			117	5A01			
L	1368		1379			118	10Q01	Bkn Core ? F.		
L	1379		1381			119	4D45			
L	1381		1392			120	4L21	(10Q0)(4C0) Bkn Core. Gauge.		
L	1392		1396			121	4E41	NB 15.2-39.2		
L	1396		1404			122	4A01	Bkn Core etc Poor INTERP.		
L	1404		1457			123	4E45	A Breccia (404)		
L	1457		1472				5B61	FAULT GAUGE (10Q0)		
								END of HOLE.		

ASSAY LOG (SAMPLER'S COPY) Date 27 AUG 81 Sampled by _____

CODE	FROM				TO				SAMPLE				INTR.				REC (m)				UNIT				DESCRIPTION																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42		
A			10	0				19	111389					19					06					1410				141																	
A			11	9				40	1113910					21					21					141E				141																	
A			14	0				01	1113911					20					15					141E				141																	
A			16	1				81	1113912					20					15					1410				141																	
P			18	1				121	1113913					41					15					141L				121					5B6.												
A			112	1				1137	1113914					16					15					1410				141																	
P			113	7				1152	1113915					25					12					1410				141																	
A			115	2				1179	1113916					27					07					15B6				141																	
A			117	9				1198	1113917					19					14					1410				141																	
A			119	8				1213	1113918					25					03					15B6				141																	
A			121	3				1217	1113919					04					04					141E				141																	
A			121	7				1274	111400					157					23					141A				141																	
P			139	2				1411	1112511					19					19					141A				101					4E0												
A			141	1				1427	1112512					16					16					141A				101					4E												
P			142	7				1442	1112513					15					15					141A				101					4E												
P			144	2				1457	1112514					15					15					141A				101					4E												

DDH FAGU 102
 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.	
	26	28	32	34	38	40	44						
F	9	11	12	11	BP	2							
F	12	11	15	12	X?								
F	15	12	17	9	G								
F	17	9	19	8	X?								
F	19	8	21	3	G								
F	21	7	27	4	BRP	3							
F	27	4	35	1	GR								
F	36	8	37	9	BF?								
F	38	1	39	2	RG								
F	39	2	40	2	B								
F	40	4	45	7	X?								
F	45	7	47	2	G								

DIAMOND DRILL RECORD

LOGGED BY JOCK HOWARD & JIM PAXTON

D. D. H. NO 76-U-102 PAGE 1

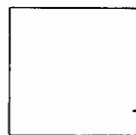
PROPERTY GRUM JOINT VENTURE (VANGORDA-GRUM)

LATITUDE 10,749.741 6N/E STARTED JUNE 3, 1976

DEPARTURE 7,731.795 70W COMPLETED JUNE 4, 1976

ELEVATION 1160.637 PROPOSED DEPTH _____
 ULTIMATE DEPTH 47.2

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	222° 40'	+62° 27"

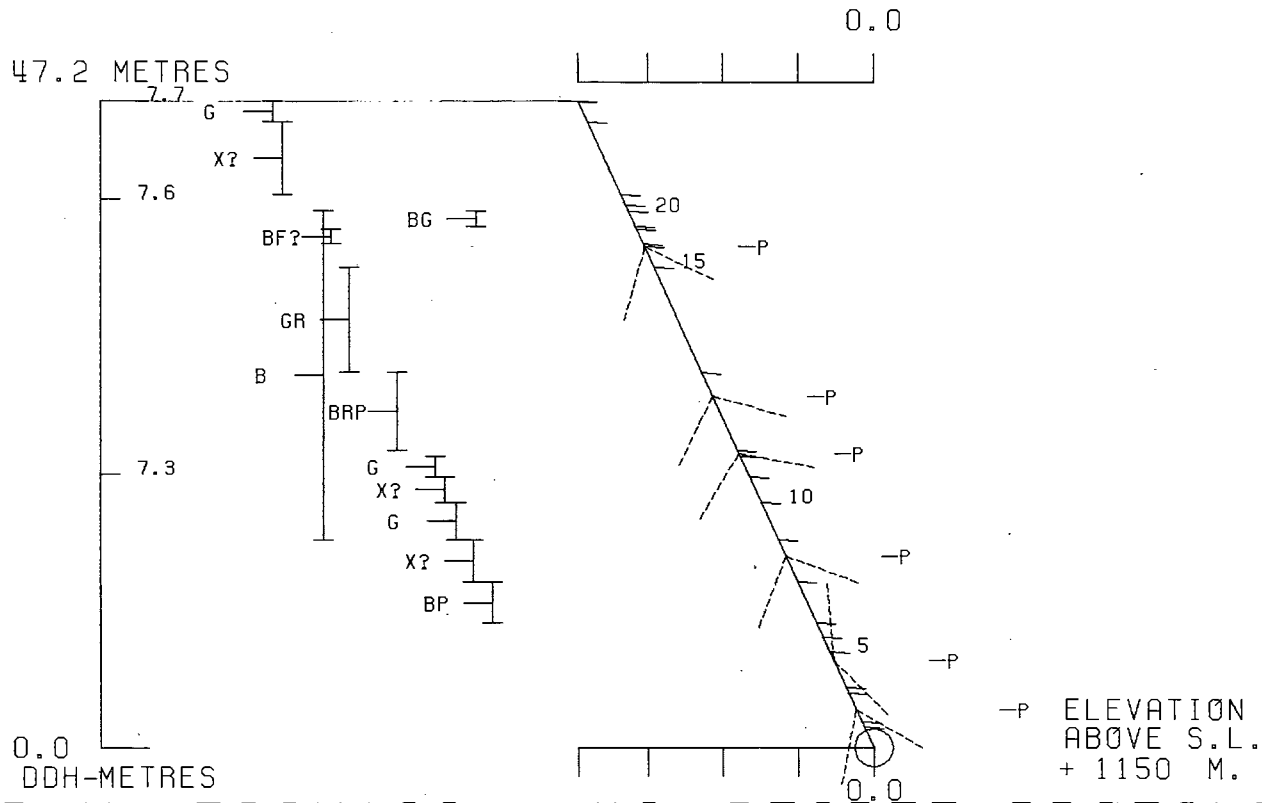


CLAIM NO _____

DIRECTION AND DISTANCE
FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 48.1%

Interval		DESCRIPTION	Py	PbZn	Recovery	Sample No	Interval		Sample Length	Assay					Assay x		
From	To						From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
0	8.1	MASSIVE SULPHIDES (MQ).	50	21	1.2	3216	0	3.0	3.0	8.08	16.53	114.2			24.24	49.59	342.51
		Hard massive sulphides in a quartz matrix (20%).	50	21	1.1	3217	3.0	4.6	1.6	7.74	15.98	128.2			12.348	25.568	205.17
		Core is blocky and broken with one piece .1m. No discernable structure. Lower contact at 50°.	50	21	1.1	3218	4.6	6.1	1.5	7.67	17.00	112.1			11.505	25.5	168.18
			55	18	1.2	3219	6.1	8.1	2.0	9.90	19.64	127.2			19.8	39.28	254.4
8.1	12.0	QUARTZ SERICITE PHYLLITE (S) (FAULT?)+SULPHIDE BANDS. 10 Tr.			1.0	3220	8.1	12.0	3.9	0.95	1.68	12.00			3.71	6.55	46.8
		Typical, dark gray. F -50°. Core is pebbly with two small lengths of gouge. Lower contact has a 10cm band of Sb at 10° to core from 12.0-12.5.				W.Av.	0	8.1	8.1	8.38	17.28	119.8			67.929	139.94	970.26
12.0	19.8	QUARTZ SULPHIDE BRECCIA (MXq).	40	17	1.6	3221	12.0	13.7	1.7	6.15	8.89	74.74			10.455	15.113	127.06
		Quartz, phyllite and sulphide fragments in a sulfide groundmass. Q + S=35%.	40	17	1.1	3222	13.7	15.2	1.5	3.05	5.95	46.29			4.575	8.925	69.435
		15.2-17.9: Fault gouge.	50	10	1.0	3223	15.2	18.3	3.1	2.80	3.05	35.31			8.68	9.455	109.46
			45	15	0.9	3224	18.3	19.8	1.5	6.97	5.20	87.77			10.455	7.8	131.66
						W.Av.	8.1	19.8	11.7	3.24	4.09	41.4			37.88	47.84	484.41
						W.Av.	16.8	19.8	3.0	4.89	4.13	61.5			14.66	12.38	184.63
19.8	22.2	FAULT GOUGE.	2	1	0.3	3225	19.8	22.2	2.4	0.05	0.03	Tr.					
		May have been (S).				W.Av.	12.0	15.2	3.2	4.69	7.51	61.40			15.03	24.038	196.49



DDH: FAGU102 -- 42 DEGREE PROFILE

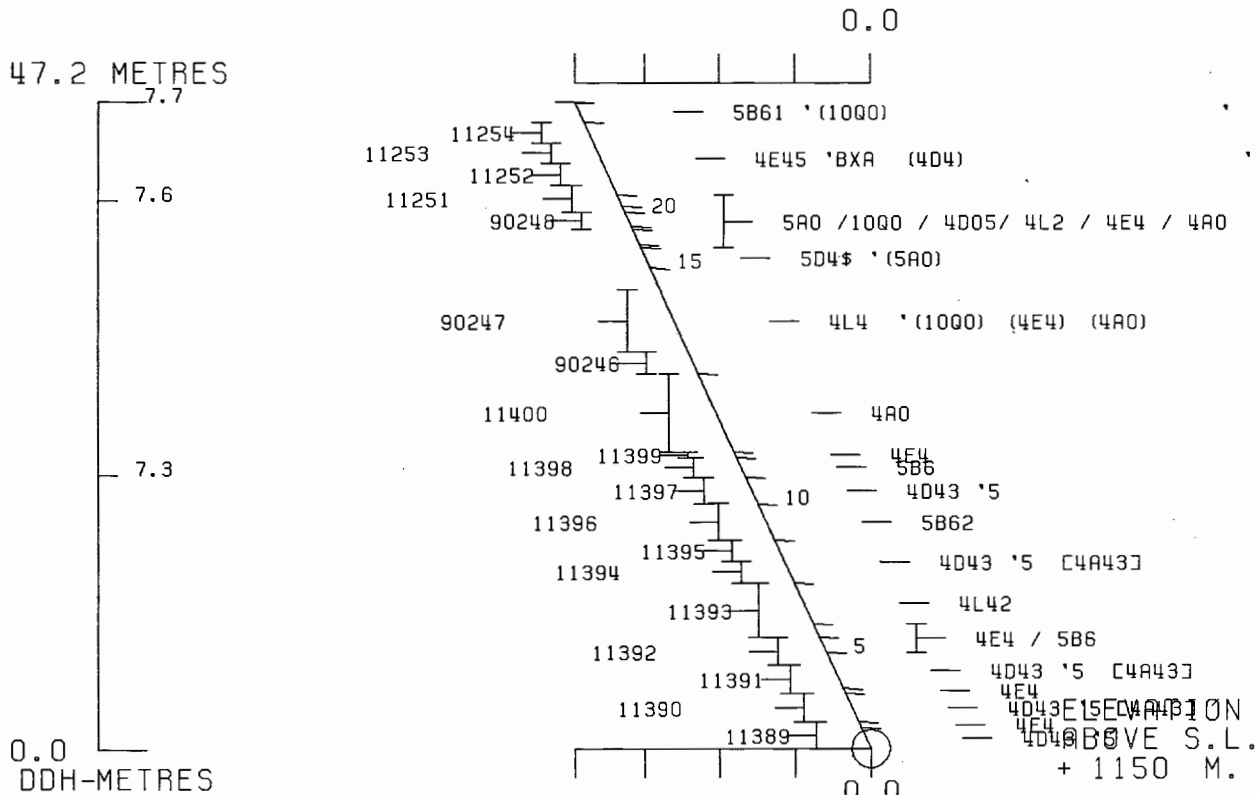
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1150 592426E ; 904960N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 556.4 Z = 1151.4

SECTION NAME: 70W



DDH: FAGU102 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV:1150 592426E ; 904960N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 556.4 Z = 1151.4
 SECTION NAME: 70W

FAGU 104

DRILL HOLE : FAGU104
NORTHING : 904,961.4
EASTING : 592,427.3
ELEVATION : 1,150.0
TOTAL DEPTH : 31.4
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CORE-SAMPLES: 6
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 5
NOS DOWN-H-STRUCTURE: 2
NOS DOWN-H-FAULTS: 3
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DJH: FAGU104 UTM-N: 904,961.4 UTM-E: 592,427.3 UTM-ELEV: 1,150.0 TOTAL DEPTH: 31.4 SECTION: W 70
 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											PO %	PY %	TOT FE							
.0	2.3	11278	2.3	2.2	4ED4	4.61	.17	7.50	15.60	114.00		1.65	1	24	26						
2.3	4.6	11279	2.3	1.8	4ED4	3.84	.05	7.40	15.20	112.00		1.17	2	12	14						
4.6	6.9	11280	2.3	1.4	4ED4	4.28	.04	7.40	16.20	103.00	108.00	1.44	1	17	18						
6.9	9.2	11281	2.3	2.3	4ED4	4.61	.13	10.60	19.00	154.00		1.65	2	18	20						
9.2	11.5	11282	2.3	2.3	4ED4	4.45	.04	11.80	19.90	166.00		1.37	2	15	17						
11.5	13.7	11283	2.2	1.5	4ED4	4.26	.17	7.80	14.00	133.00		1.03	2	20	22						
WEIGHTED AVERAGE																					
.0	13.7		13.7	11.5		4.34	.09	8.75	16.66	130.31	18.13	1.38	1	18	20						

DCH: FAGU104 UTM-N: 904,901.4 UTM-E: 592,427.3 UTM-ELEV: 1,150.0 TOTAL DEPTH: 31.4 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	26.500	43.300

DDH: FAGU104 UTM-N: 904,961.4 UTM-E: 592,427.3 UTM-ELEV: 1,150.0 TOTAL DEPTH: 31.4 SECTION: W 70
 PFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
13.7	0001	4E4	(4E0) (4D4) 5C:2C:3C	0.5-	1
16.8	0002	5B0		0.5-	1
18.3	0003	5D4*		0.5-	1
24.6	0004	5B46		0.5-	1
31.4	0005	5B6		0.5-	1

27MAR84 GRUM

DOWN-HOLE STRUCTURE (DHDC20)

PAGE: 12

DDH: FAGU104 UTM-N: 904,961.4 UTM-E: 592,427.3 UTM-ELEV: 1,150.0 TOTAL DEPTH: 31.4 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHDC 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	
FAGU104	0.0	19.9	CS2	0	0	19	230	C	1	1	1
FAGU104	0.0	23.8	CS2	0	0	39	230	C	1	1	1

29MAR84 GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 13

DDH: FAGU104 UTM-N: 904,961.4 UTM-E: 592,427.3 UTM-ELEV: 1,150.0 TOTAL DEPTH: 31.4 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGU104	0.1	13.7	D				0	0	C	0	0	1	
FAGU104	13.7	16.8	G				0	0	C	C	0	0	1
FAGU104	24.6	31.4	G				0	0	C	C	0	0	1

23113104 5708

DOWN-HOLE SPLINES (DHD20)

PAGE: 14

DBH: FAGU104 UTM-N: 9047961.4 UTM-E: 5927427.3 UTM-ELEV: 17150.0 TOTAL DEPTH: 31.4 SECTION: W 70
RFE: S2 RFE DIR: 330 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DBH SEGMENT NOS COND INDICATOR

FAGU104 1 1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGW 104 (76-U104)

Fabric Orientation Diagram:

Project: GRUM RELOG

Location: VANGORDA PLATEAU

Claim: _____

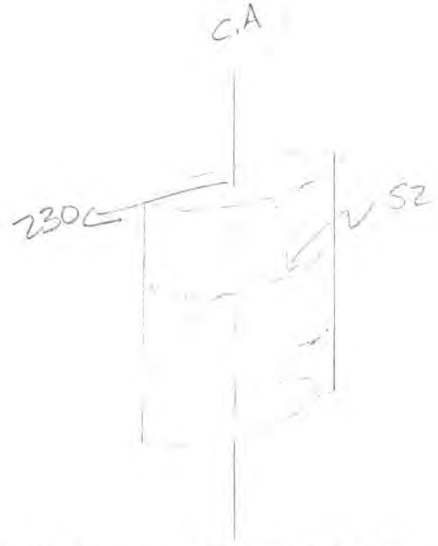
~~Terr. Plane~~

Co-ords.: 6904961.4 N

592427.3 E

Grid Co-ords.: 70W / 6N

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



All symmetry determinations looking

NW with SZ dipping

SW with dip azimuth 230.

Elevation: 1149.98

Total Depth: 31.4m

Purpose: _____

^{RE}
Logged by: RI

Date(s) Logged: MARCH 16, 1981

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

BQ 0 ECH

Started: _____ Completed: _____

DDH FAGW 104
2 8

Diamond Drill Core Log

Date: _____ Logged By: PN

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	FAGW 104	1149.9	9049.6	1459.2427	3 metres	S2

50.0

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 8 10 14 22 26 28 32 34	56			
R	FAGW 104	00	0.26	541.8	A.T. COLLAR

43.3 for True North

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

Lithologic Log

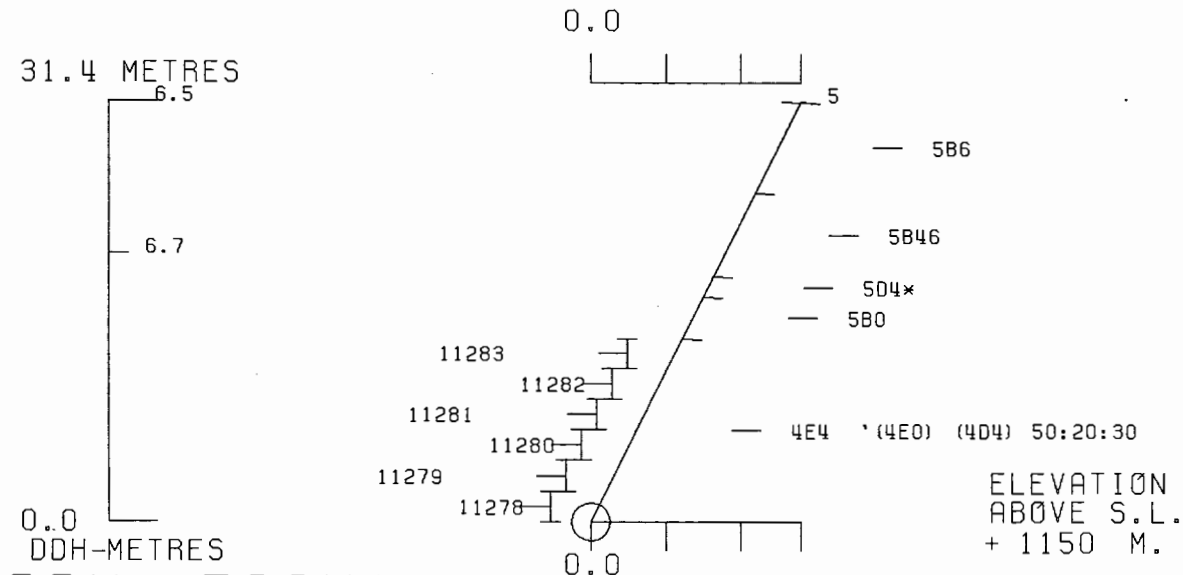
Code	From			To			Unit	Code	Description
	10	14	16	20	22	23	25	27	
L	00	137					1	4E14	15% Mn anq; ^{4E0} breccia; (4E0, 4D4); 15% 4E0; 30% 4D4; 50% 4E4
L	137	168					2	5B10	fault gouge
L	168	183					3	5D14	bleached mtlc ss w/ alternating str-calca. layers;
L	183	246					4	5B14	6lt. grey colour; 2% py blebs,
L	246	314					5	5B16	fault gouge + pebbles
		50ft							

Structural Log

Code	From			To			Feature	S ₁ E	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24			26	28	Dip	Direct.	Dip	Direct.	
F		01		13			D								
F		13		16			G								
F		24		31			G								



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 OCT 1984 10:43 AM

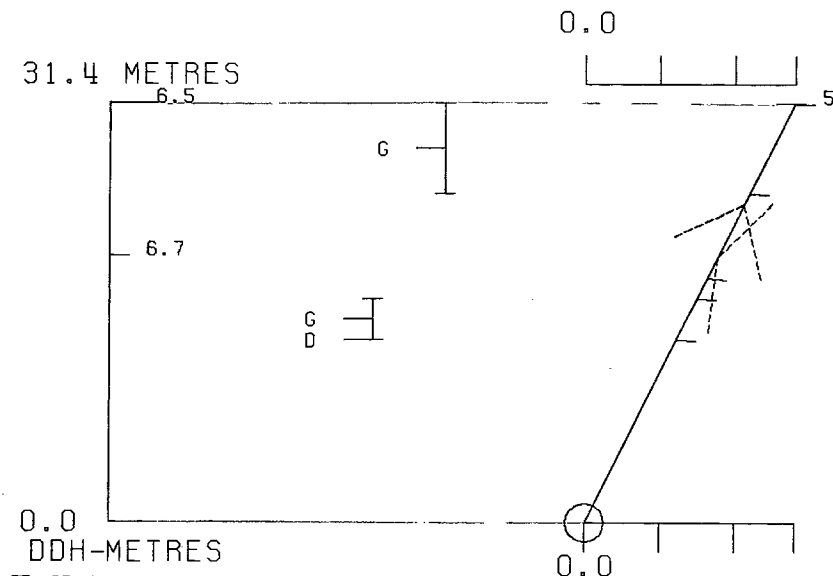


DDH: FAGU104 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1150 592427E ; 904961N
PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
CORRECTED COLLAR POSITION: X = 558.6 Z = 1151.4
SECTION NAME: 70W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 2 OCT 1984 10:41 AM



ELEVATION
ABOVE S.L.
+ 1150 M.

DDH: FAGU104 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1150 592427E ; 904961N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 558.6 Z = 1151.4

SECTION NAME: 70W

FAGU 106

DRILL HOLE : FAGU106
NORTHING : 904,962.3
EASTING : 592,428.5
ELEVATION : 1,146.6
TOTAL DEPTH : 137.1
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 25
NOS DOWN-H-SURVEYS: 2
NOS DOWN-H-LITHOLOGY: 26
NOS DOWN-H-STRUCTURE: 25
NOS DOWN-H-FAULTS: 7
NOS DOWN-H-SPLINES: 2
NOS COMPOSITES: 0

DRH: FAGU105 UTM-N: 904,962.3 UTM-E: 592,428.5 UTM-ELEV: 1,146.6 TOTAL DEPTH: 137.1 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---	SAMPLE	INT.	REC.	ROCK	S.G.	ASSAYS													
						CU	PB	ZN	AG(AA)	AG(FA)	AL(FA)	PO	PY	TCT	EA0	HG	MN	AS	BA
FROM	TO	NO.	UNIT	PULP	%	%	%	G/MT	G/MT	G/MT	%	%	FE	%	%	%	%	W.R.	
.0	1.7	09993	1.7	1.1	4D4	4.01	.01	8.70	19.50	162.00				1.44	2	13	15		
1.7	3.5	09994	1.8	1.6	4D4	2.89	.03	7.70	19.10	136.00				1.17	1	10	12		
3.5	4.6	09995	1.1	1.0	4D4	3.50	.03	4.90	14.90	83.00				.96	2	3	10		
4.6	6.2	09996	1.6	1.0	4D4	2.97	.04	7.90	17.70	140.00				1.30	2	10	12		
6.2	9.2	09997	3.0	.7	4E4	4.86	.17	9.20	17.20	177.00				2.74	1	26	28		
9.2	10.7	09998	1.5	1.3	4E4	4.70	.08	9.90	16.10	161.00				1.58	1	25	27		
10.7	13.8	09999	3.1	1.4	4E4	4.76	.19	9.10	15.50	148.00				2.47	1	28	29		
13.8	15.2	10000	1.4	.7	4A0	3.54	.13	1.48	1.65	27.00	26.00			.69	1	13	14		
15.2	16.8	90249	1.6	.0	4A0			.30	.45		6.20								
97.5	100.0	90250	2.5	.0	4LD			.78	.53		9.90								
100.0	102.0	09901	2.0	1.5	4D4	2.93	.10	5.00	6.60	94.00				.89	2	17	19		
102.0	104.0	09902	2.0	1.6	4D4	3.01	.07	7.70	9.20	116.00				.96	1	17	18		
104.0	106.0	09903	2.0	1.1	4A4	3.34	.04	2.30	5.30	35.00				.89	1	13	15		
106.0	108.0	09904	2.0	2.0	4A4	3.20	.04	1.80	4.40	31.00				.89	1	10	12		
108.0	110.0	09905	2.0	1.7	4A4	3.15	.06	1.62	3.50	30.00				.69	1	12	14		
110.0	111.3	09906	1.3	1.2	4A4	3.01	.04	1.46	3.40	26.00				.41	1	7	8		
111.3	113.3	09907	2.0	1.6	4A0	3.12	.04	1.16	2.40	23.00				.55	1	9	11		
113.3	115.3	09908	2.0	2.0	4A0	3.31	.04	.92	1.74	22.00				.55	1	15	16		
115.3	117.3	09909	2.0	2.0	4A0	3.16	.03	.97	3.10	19.00				.55	2	9	11		
117.3	119.3	09910	2.0	2.0	4A0	3.09	.03	.95	2.40	21.00				.55	2	8	10		
119.3	121.9	09911	2.6	2.6	4A0	3.20	.04	1.03	3.70	23.00				.69	1	10	12		
121.9	123.5	09912	1.6	1.6	4A4	3.21	.05	1.22	4.70	29.00				.75	1	10	12		
123.5	125.3	09913	1.8	1.8	4A4	3.15	.04	1.54	5.60	42.00				.75	1	9	10		
125.3	127.5	90251	2.2	.0	5A9			.13	.25										
127.5	129.9	90252	2.4	.0	5A9			.10	.13										

WEIGHTED AVERAGE

.0	16.8	16.8	9.0	3.68	.09	7.13	14.23	125.27	2.75	1.60	1	17	18
97.5	129.9	32.4	22.7	2.45	.03	1.74	3.42	30.79	.76	.55	1	9	10

DOWN-HOLE CURVES (DHO22)

JOB: FAGG105 UTM-N: 904,952.3 UTM-E: 592,428.5 UTM-ELEV: 1,146.5 TOTAL DEPTH: 137.1 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	39.800	44.400
111.300	91.000	46.000

GDH: FAGU106 UTM-N: 904,902.3 UTM-E: 592,428.5 UTM-ELEV: 1,146.6 TOTAL DEPTH: 137.1 SECTION: W 70
 RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
3.5	OC01	4D4		0.5-	1
3.8	OC02	10Q0	(4L0)	0.5-	1
4.3	OC03	4D4		0.5-	1
4.6	OC04	5D4B		0.5-	1
6.2	OC05	4D4		0.5-	1
13.8	OC06	4E4		0.5-	1
16.3	OC07	4AC		0.5-	1
20.0	OC08	4L0	(5D4)	0.5-	1
29.6	OC09	4L2		0.5-	1
39.5	OC10	5D6	(5B64)	0.5-	1
43.7	OC11	4L0		0.5-	1
54.5	OC12	5B68	4	0.5-	1
55.1	OC13	4L2		0.5-	1
74.9	OC14	5B68	4	0.5-	1
77.7	OC15	4L0	(4L2)	0.5-	1
83.6	OC16	5B68	4	0.5-	1
86.9	OC17	5B6		0.5-	1
99.8	OC18	4L0	(4L2) (10Q0)	0.5-	1
104.0	OC19	4D4		0.5-	1
111.3	OC20	4A4		0.5-	1
121.9	OC21	4AC		0.5-	1
125.3	OC22	4A4		0.5-	1
129.6	OC23	5A9		0.5-	1
135.2	OC24	4L0	BIOTITE	0.5-	1
135.6	OC25	5B62		0.5-	1
137.2	OC26	5B62		0.5-	1

DOWN-HOLE STRUCTURE (DHCPD)

PAGE: 20

BOH: FAGU106 UTM-N: 904,982.3 UTM-E: 392,428.5 UTM-ELEV: 1,146.6 TOTAL DEPTH: 137.1 SECTION: W 70
 RFE: S2 RFE DIR: 250 PLUNGE ANGLES: 11 S12 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SC	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SOC	PROCESS
FAGU106	0.0	3.3	PS2	P	C	C	C	0	C	30	230	C	1	1	1	1	1	
FAGU106	0.0	12.2	PS2	P	C	C	C	0	C	15	230	C	1	1	1	1	1	
FAGU106	0.0	21.0	PS2	P	C	C	C	0	C	25	230	C	1	1	1	1	1	
FAGU106	0.0	27.4	CS2	Z	C	C	C	0	C	25	230	C	1	1	1	1	1	
FAGU106	0.0	31.7	CS2	Z	C	C	C	0	C	50	230	C	1	1	1	1	1	
FAGU106	0.0	35.4	CS2	Z	C	C	C	0	C	60	230	C	1	1	1	1	1	
FAGU106	0.0	38.5	CS2	Z	C	C	C	0	C	50	230	C	1	1	1	1	1	
FAGU106	0.0	40.0	PS2	P	C	C	C	0	C	45	230	C	1	1	1	1	1	
FAGU106	0.0	46.5	CS2	Z	C	C	C	0	C	30	230	C	1	1	1	1	1	
FAGU106	0.0	50.0	CS2	Z	C	C	C	0	C	30	230	C	1	1	1	1	1	
FAGU106	0.0	53.5	CS2	Z	C	C	C	0	C	30	230	C	1	1	1	1	1	
FAGU106	0.0	60.5	CS2	Z	C	C	C	0	C	40	230	C	1	1	1	1	1	
FAGU106	0.0	62.5	CS2	Z	C	C	C	0	C	25	230	C	1	1	1	1	1	
FAGU106	0.0	70.5	CS2	Z	C	C	C	0	C	50	230	C	1	1	1	1	1	
FAGU106	0.0	76.0	CS2	Z	C	C	C	0	C	30	230	C	1	1	1	1	1	
FAGU106	0.0	84.0	CS2	Z	C	C	C	0	C	60	230	C	1	1	1	1	1	
FAGU106	0.0	92.0	CS2	Z	C	C	C	0	C	50	230	C	1	1	1	1	1	
FAGU106	0.0	97.4	PS2	P	C	C	C	0	C	45	230	C	1	1	1	1	1	
FAGU106	0.0	100.4	PS2	P	C	C	C	0	C	45	230	C	1	1	1	1	1	
FAGU106	0.0	106.5	CS2	Z	C	C	C	0	C	40	230	C	1	1	1	1	1	
FAGU106	0.0	110.6	CS2	Z	C	C	C	0	C	55	230	C	1	1	1	1	1	
FAGU106	0.0	117.7	CS2	Z	C	C	C	0	C	60	230	C	1	1	1	1	1	
FAGU106	0.0	121.6	CS2	Z	C	C	C	0	C	45	230	C	1	1	1	1	1	
FAGU106	0.0	129.0	PS2	P	C	C	C	0	C	40	230	C	1	1	1	1	1	
FAGU106	0.0	135.8	PS2	P	C	C	C	0	C	40	230	C	1	1	1	1	1	

29MAR84 GRUM

DOWN-HOLE FAULTS (DHD20)

PAGE: 21

DDH: FAGU106 UTM-N: 904,962.3 UTM-E: 592,428.5 UTM-ELEV: 1,146.6 TOTAL DEPTH: 137.1 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGU106	3.5	3.8	G				0	0	C	C	0	0	1
FAGU106	10.7	13.7	P	3			0	0	0	C	0	0	1
FAGU106	15.2	18.3	GF				0	0	C	C	0	0	1
FAGU106	13.8	18.3	P	4			0	0	0	C	0	0	1
FAGU106	18.3	20.0	3FG				0	0	0	C	0	0	1
FAGU106	103.5	103.7	X?				0	0	0	C	0	0	1
FAGU106	135.2	135.6	G				0	0	0	C	0	0	1

2-146- 3804

COMPOSITE SPINE (CH320)

DUH: FAGU106 UTM-N: 904,962.3 UTM-E: 592,422.5 UTM-ELEV: 1,145.6 TOTAL DEPTH: 137.1 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHC CALC: 1 SS CALC: 1

DUH	SEGMENT NOS	COND INDICATOR
-----	-------------	----------------

FAGU106	1	2
FAGU106	2	1

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 5
Date: 22 AUG 81

Hole Number: FAGU 106

Reference Fabric Orientation Diagram:

Project: GRUM DEPOSIT

Location: 70 W

Claim: _____

U.T.M. Terr. Plane

Co-ords.: 6904962.3 N

592428.5 E

Grid Co-ords: _____

Elevation: 1146.6 m.

Total Depth: 137.2 m.

Purpose: 70W UG. DRILL

Reason hole Terminated: _____

Logged by: DSJ - JGS

Date(s) Logged: 22 AUG 81

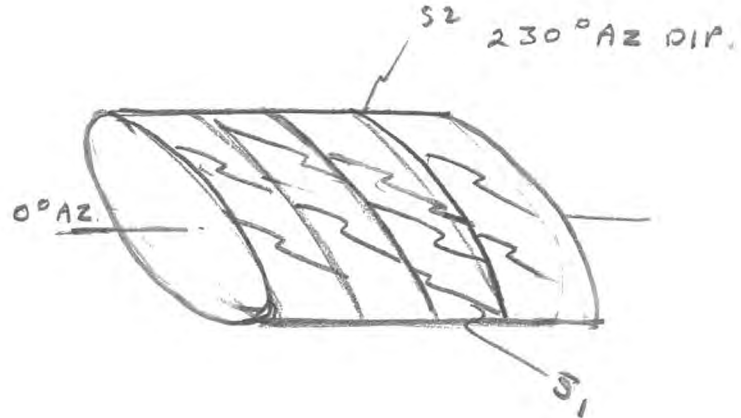
Drilling Contractor: CM.

Size	CORE From	To	Collar Cased and Capped:
<u>BQ</u>	<u>0</u>	<u>137.2</u>	_____

Hole Cemented: _____

Steel down hole: _____

Started: 5 JUN 76 Completed: 9 JUN 76



All symmetry determinations looking

NW with S₂ dipping

SW with dip azimuth 230.

Commissions of K-A surveyed grid co-ords

DDH FAGU 106
2 8

Diamond Drill Core Log Date: 22 AUG 81 Logged By: DSJ + JGS

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
I	2	8	10	16	17	24 25
T	FAGU106	11146.6	904962.0	3592428.5	METRES	S2

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2	8	10	14	22
R	FAGU106	00	89.8	42.8	A.T. COLLAR
R	FAGU106	113	91.0	46.0	SPEIRRY, SUN MAG

44.4 for North True

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

DDH F.A.G.U.1.0.6
2 8

Cyprus Anvil Mining Corp.

Page 3 of 5

Lithologic Log

Date: 21 AUG 81 Logged By: DST JGS

Code	From	To	Recov.	No.	Unit	Description
L	10 0	13 5	101	101	41014	
L	13 5	13 8		102	0101	(410) GOUGE F
L	13 8	14 3		103	41014	
L	14 3	14 6		104	51014*	Don 1-2% fush.
L	14 6	16 2		105	41014	
L	16 2	13 8		106	41E4	10-7-13-7 ONLY 0-7 COR REC F?
L	13 8	18 3		107	41A01	2 m CORE REC ONLY 15-2-18.3 GOUGE FAULT.
L	18 3	20 0		108	41L01	(5P4) FAULT GAUGE MAJOR. NIL/ATT
L	20 0	29 6		109	41L2	
L	29 6	39 5		110	51061	(5B6/4)
L	39 5	48 7		111	41L9	
L	48 7	54 5		112	51B68/4	
L	54 5	55 1		113	41L2	
L	55 1	74 9		114	51B68/4	
L	74 9	77 7		115	41L01	(4L2)
L	77 7	85 8		116	51B68/4	
L	85 8	86 9		117	51B68/4	
L	86 9	99 8		118	41L01	(4L2)(10Q0)
L	99 8	110 4 0		119	41014	→ 1035-1037. Rounded core QFz Ank. breccia
L	110 4 0	111 3		120	41A4	104.0-111.3 4A4 75%
L	111 3	121 9		121	41A0	121.9-125.3 4A4 75%
L	121 9	125 3		122	41A4	
L	125 3	129 6		123	51A9	
L	129 6	135 2		124	41L0	13107.
L	135 2	135 6		125	51B62	GOUGE F. NIL/ATT.
L	135 6	137 2		126	51B62	
						END OF HOLE. @ 137.2

DDH FAGU 1.0.6
2 8

Cyprus Anvil Mining Corp.

Page 4 of 5

Structural Log

Date: 22 AUG Logged By: _____

Code	From		To		Feature	E S	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
S				3	R							310	2310	ALL SYN ASSUMED SW
S				12	R							115	2310	DIP SZ in HORIZ
S				21	PSZ							215	2310	HOLE.
S				27	CSZ	Z						215	2310	
S				31	CSZ	Z						510	2310	
S				35	CSZ	Z						60	2310	
S				38	CSZ	Z						510	2310	
S				40	PSZ							415	2310	
S				46	CSZ	Z						310	2310	
S				50	CSZ	Z						30	2310	
S				53	CSZ	Z						30	2310	
S				60	CSZ	Z						40	2310	
S				62	CSZ	Z						215	2310	
S				70	CSZ	Z						50	2310	
S				76	CSZ	Z						310	2310	
S				84	CSZ	Z						60	2310	
S				92	CSZ	Z						50	2310	
S				97	PSZ							415	2310	
S				101	R							415	2310	
S				106	CSZ	Z						40	2310	
S				110	CSZ	Z						515	2310	
S				117	CSZ	Z						60	2310	
S				121	CSZ	Z						415	2310	
S				129	PSZ							40	2310	
S				135	PSZ							40	2310	

ASSAY LOG (SAMPLER'S COPY)

Date Aug 22/81 Sampled by DSS/3GS

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
P		00		17	99913		17		11				14D14
P		17		35	99914		18		18				14D14
P		35		46	99915		11		20				14D14
P		46		62	99916		16		10				14D14
P		62		92	99917		30		07				14E4
P		92		107	99918		15		13				14E4
P		107		113	99919		31		14				14E4
P		113		115	11990		14		07				14A9
P	110	100	110	120	99901		20		15				14D14
P	110	120	110	140	99902		20		16				14D14
P	110	140	110	160	99903		20		11				14A14
P	110	160	110	180	99904		20		20				14A14
P	110	180	111	100	99905		20		17				14A14
P	111	100	111	113	99906		13		12				14A14
P	111	113	111	133	99907		20		16				14A01
P	111	133	111	153	99908		20		20				14A01
P	111	153	111	173	99909		20		20				14A01
P	111	173	111	193	99910		20		20				14A9
P	111	193	112	119	99911		26		26				14A01
P	112	119	112	235	99912		16		16				14A4
P	112	235	112	253	99913		18		18				14A4

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	
86.9	100.0	WHITE PHYLLITE (Ss).		4.6/7.6		86.9	94.5										
		Cream coloured; quartzose-25-50% within phyllite, plus vein-															
		lets 1-10cm which appear to be brecciated and cemented with															
		sulphides+phyllite. Phyllite is NOT brecciated, but F is															
		very contorted-general trend is -60°. Montmorillonite(?) @															
		96.1-fold nose @ 91.4? also @ 93.5 sharp nose-1% Po. 7 1	3.0	3253	94.5	97.5	3.0	0.08	Tr.	Tr.							
			7 2	3254	97.5	100.0	2.5	0.78	0.33	9.94							
100.0	103.6	MASSIVE SULPHIDE (MB).	60 12	1.4	3255	100	102.1	2.1	4.98	5.70	78.86			10.458	11.97	165.61	
		Banded sulphides in a 25% quartz matrix. Sphalerite	60 12	1.0	3256	102.1	103.6	1.5	8.88	10.50	111.1			13.32	15.75	166.64	
		varies from red to pale brown. Also some chert (red)-chert															
		and sphal. can be mistaken.			W.Av.	100.0	103.6	3.6	6.60	7.70	92.29			23.788	27.72	332.24	
103.6	125.1	QUARTZ SULPHIDES (Pg).	10 12	0.7	3257	103.6	105.2	1.6	2.63	5.74	34.29			4.208	9.184	54.864	
		Blebs of sulphides and thin laminae of sphalerite in	15 10	1.2	3258	105.2	106.7	1.5	2.23	4.35	32.23			3.345	6.525	48.345	
		a banded F phyllite. F similar to banding of (MB)	15 8	1.3	3259	106.7	108.2	1.5	2.00	3.90	30.17			3.00	5.85	45.255	
		previous-35° @ 104.0, 25° @ 106.0, 45° @ 107.3. @	15 8	0.9	3260	108.2	109.7	1.5	2.03	3.85	30.17			3.045	5.775	45.255	
		113.1 F is visible parallel to core. @ 107.4 slick	15 8	1.1	3261	109.7	111.3	1.6	1.65	3.68	26.40			2.64	5.888	42.24	
		enslides @ 20°.	15 8	0.9	3262	111.3	112.8	1.5	1.23	2.90	21.26			1.845	4.35	31.89	
		116.8-123.1: F perpendicular to F as follows:.	15 8	1.5	3263	112.8	114.3	1.5	0.75	1.40	15.09			1.125	2.10	22.635	
			15 8	1.2	3264	114.3	115.8	1.5	1.45	2.58	22.29			2.175	3.87	33.435	
			15 8	1.3	3265	115.8	117.3	1.5	1.28	3.40	17.14			1.92	5.10	25.71	
			15 8	1.6	3266	117.3	118.9	1.6	1.10	2.43	16.11			1.76	3.888	25.776	

DDH: FAGU106 -- 42 DEGREE PROFILE

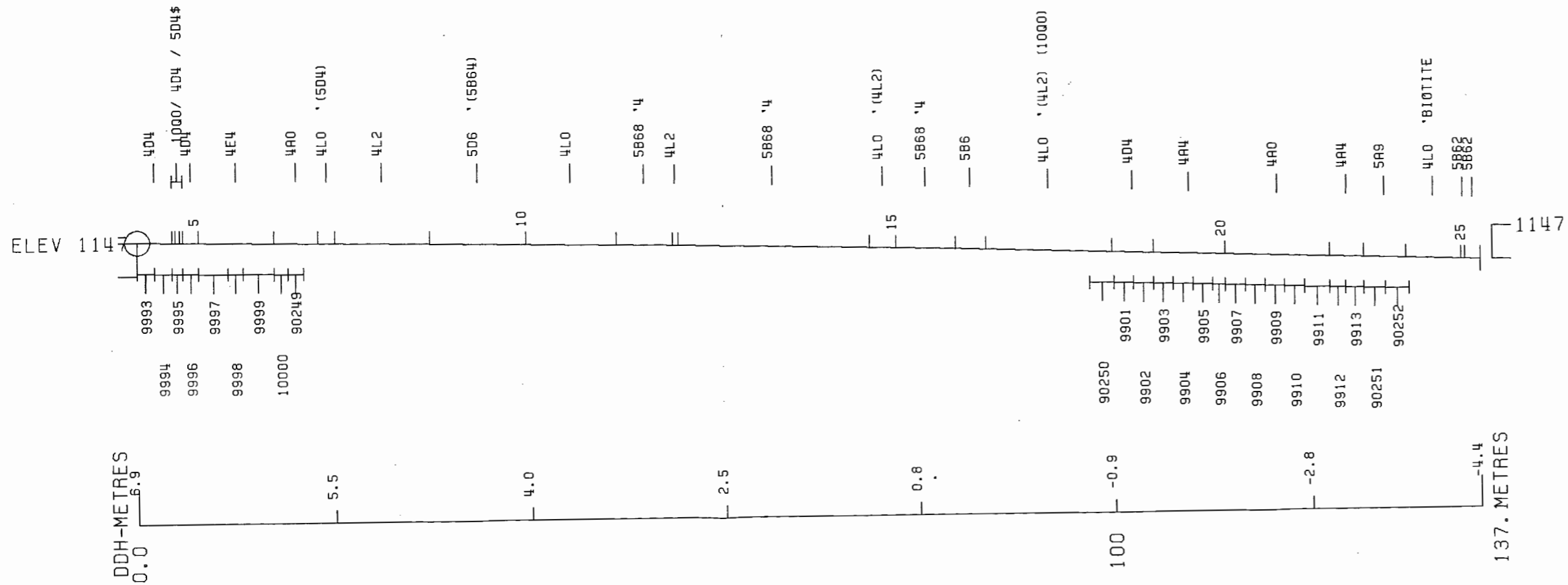
(VIEW AZIMUTH = 312 DEGREES)


ELEV: 1147 592429E ; 904962N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 560.0 Z = 1147.9

SECTION NAME: 70W




 CYPRUS ANVIL MINING CORPORATION
 PROGRAM DH162 2 OCT 1984 10:47 AM

DDH: FAGU106 -- 42 DEGREE PROFILE

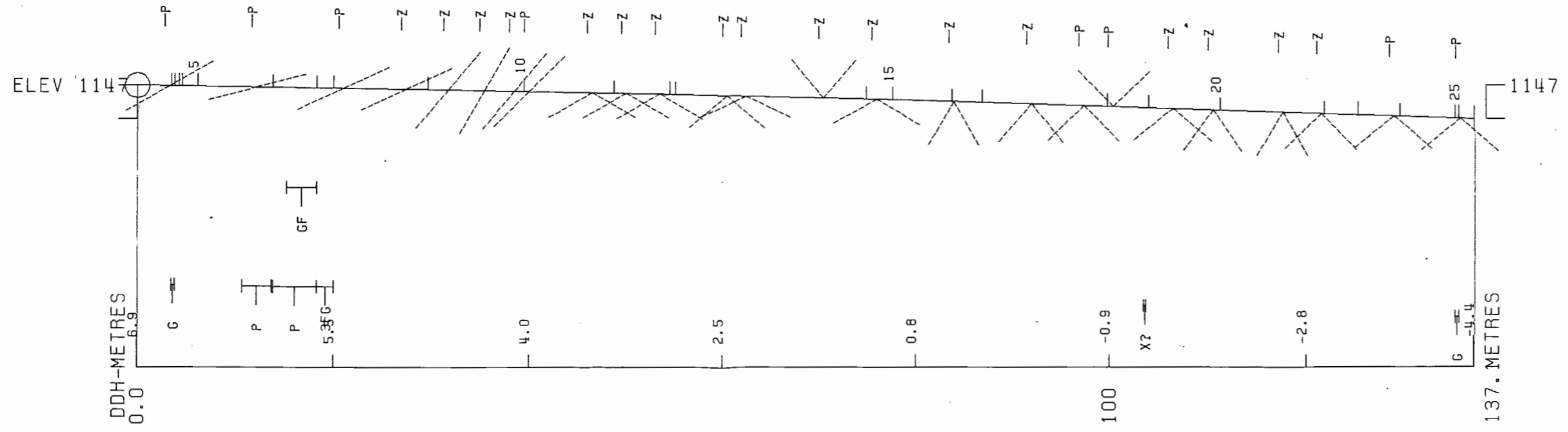
(VIEW AZIMUTH = 312 DEGREES)


ELEV: 1147 592429E ; 904962N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 560.0 Z = 1147.9

SECTION NAME: 70W




 CYPRUS ANVIL MINING CORPORATION
 PROGRAM DH161 2 OCT 1984 10:45 AM

FAGU108

DRILL HOLE : FAGU108
NORTHING : 904,961.6
EASTING : 592,429.0
ELEVATION : 1,145.6
TOTAL DEPTH : 72.5
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CORE-SAMPLES: 19
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 22
NOS DOWN-H-STRUCTURE: 21
NOS DOWN-H-FAULTS: 16
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

28MAR64 320M

DOWN-HOLE SURVEYS (DHO2C)

PAGE: 5

DDH: FAGU108 UTM-N: 904,961.6 UTM-E: 592,429.0 UTM-ELEV: 1,145.6 TOTAL DEPTH: 72.5 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	121.000	44.500

JOH: FAGU108 UTM-N: 904,961.6 UTM-E: 592,429.0 UTM-ELEV: 1,145.6 TOTAL DEPTH: 72.5 SECTION: W 70
 RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.0	OC01	404	BXA	0.5-	1
8.7	OC02	4E4*	PCROUS (4K4)	0.5-	1
9.0	OC03	4A4	(4A41) BXA	0.5-	1
12.8	OC04	4AC	BXA	0.5-	1
19.9	OC05	4L5	(5B0)	0.5-	1
26.0	OC06	5B62	83 89	0.5-	1
27.7	OC07	5B19		0.5-	1
33.2	OC08	5B6	81	0.5-	1
35.8	OC09	5B4	(10QC)	0.5-	1
45.7	OC10	5B6		0.5-	1
47.2	OC11	5B4		0.5-	1
54.5	OC12	4LC		0.5-	1
55.9	OC13	4G4#		0.5-	1
60.6	OC14	4E4#	8 POROUS	0.5-	1
61.6	OC15	4D4		0.5-	1
64.0	OC16	4C3		0.5-	1
64.5	OC17	4D4		0.5-	1
65.0	OC18	4A14		0.5-	1
66.5	OC19	4A13		0.5-	1
68.9	OC20	4C3	(4AB)	0.5-	1
72.1	OC21	4E1	(4C3)	0.5-	1
72.6	OC22	4LC	(4E)	0.5-	1

DDH: FAGU109 UTM-N: 904,961.6 UTM-E: 592,429.0 UTM-ELEV: 1,145.6 TOTAL DEPTH: 72.5 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	COE	DHDC	SDC	PROCESS
FAGU108	0.0	8.8	PS2	P	0	0	0	0	10	230	C		1	1	1
FAGU108	0.0	21.3	CS2	Z	0	0	0	0	20	230	C		1	1	1
FAGU108	0.0	23.4	CS2	Z	0	0	0	0	55	230	C		1	1	1
FAGU108	0.0	24.7	CS2	Z	0	0	0	0	55	230	C		1	1	1
FAGU108	0.0	26.6	CS2	Z	0	0	0	0	55	230	C		1	1	1
FAGU108	0.0	27.4	CS2	M	0	0	0	0	60	230	C		1	1	1
FAGU108	0.0	28.0	CS2	S	0	0	0	0	50	230	C		1	1	1
FAGU108	0.0	29.0	CS2	Z	0	0	0	0	60	230	C		1	1	1
FAGU108	0.0	32.4	CS2	Z	0	0	0	0	65	230	C		1	1	1
FAGU108	0.0	33.7	CS2	E	0	0	0	0	65	230	C		1	1	1
FAGU108	0.0	34.4	CS2	Z	0	0	0	0	60	230	C		1	1	1
FAGU108	0.0	35.5	CS2	M	0	0	0	0	65	230	C		1	1	1
FAGU108	0.0	37.5	CS2	E	0	0	0	0	55	230	C		1	1	1
FAGU108	0.0	39.5	CS2	M	0	0	0	0	60	230	C		1	1	1
FAGU108	0.0	45.5	CS2	Z	0	0	0	0	75	230	C		1	1	1
FAGU108	0.0	48.0	CS2	S	0	0	0	0	45	230	C		1	1	1
FAGU108	0.0	53.0	CS2	M	0	0	0	0	70	230	C		1	1	1
FAGU108	0.0	55.0	PS2	P	0	0	0	0	65	230	C		1	1	1
FAGU108	0.0	59.8	PS2	P	0	0	0	0	50	230	C		1	1	1
FAGU108	0.0	63.8	PS2	P	0	0	0	0	55	230	C		1	1	1
FAGU108	0.0	64.7	PS2	P	0	0	0	0	50	230	C		1	1	1

DDH: FAGU100 UTM-N: 904,961.6 UTM-E: 592,429.0 UTM-ELEV: 1,145.6 TOTAL DEPTH: 72.5 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD		
FAGU103	0.1	3.0	XEP		3		C	C	C	0	0	1
FAGU106	3.0	8.5	G?				C	C	C	0	0	1
FAGU108	8.7	9.0	D				C	C	C	0	0	1
FAGU108	9.0	12.8	X?B				C	C	C	0	0	1
FAGU108	12.8	19.9	GB		3		C	C	C	0	0	1
FAGU108	0.0	30.4	G				C	C	C	0	0	1
FAGU108	0.0	39.6	G				C	C	C	0	0	1
FAGU108	35.8	54.5	B				C	C	C	0	0	1
FAGU106	0.0	55.9	R				C	C	C	0	0	1
FAGU108	0.0	56.6	X?				C	C	C	0	0	1
FAGU108	57.9	60.1	R				C	C	C	0	0	1
FAGU108	61.6	61.9	X?				C	C	C	0	0	1
FAGU108	0.0	62.9	G				C	C	C	0	0	1
FAGU106	68.4	68.6	X?R				C	C	C	0	0	1
FAGU108	68.9	72.1	R?				C	C	C	0	0	1
FAGU108	72.1	72.6	G?				C	C	C	0	0	1

27MAR84 SFDM

DOWN-HOLE SPLINES (DHC2C)

DDH: FAGU108 UTM-N: 904,981.6 UTM-E: 592,429.0 UTM-ELEV: 1,145.6 TOTAL DEPTH: 72.5 SECTION: W 70
 RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND	INDICATOR
FAGU108	1		1

DIAMOND DRILL CORE LOG

Date: Aug 28/81

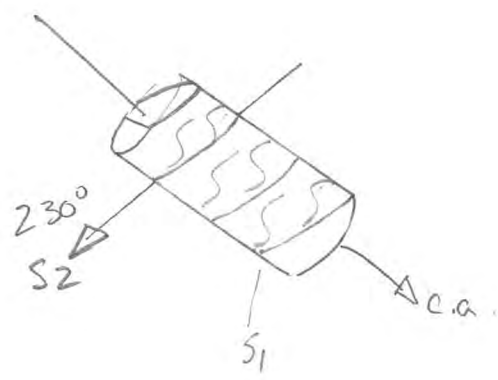
Hole Number: FAGU 108 (76U108)

Reference Fabric Orientation Diagram:

Project: GRUM REZOK

Location: VANGORDA PLATEAU

Claim: _____



Terr. Plane Co-ords.: 6904961.6 N

592429.0 E

Grid Co-ords: 70W

6N

Elevation: 1145.6

All symmetry determinations looking

NW with S2 dipping

Total Depth: 72.6 m

SW with dip azimuth 230°.

Purpose: Define ore horizons.

Reason hole Terminated: Terminated in bad ground

Logged by: AST

Date(s) Logged: Aug 28/81

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
<u>80</u>	<u>0</u>	<u>EOH</u>	

Hole Cemented: _____

Steel down hole: _____

Started: June 2/76 Completed: June 12/76

UTM
Conversion of
K-4 survey grid
to
conords

DDH F.A.G.W.108
2 8

Diamond Drill Core Log

Date: Aug 28/81 Logged By: FOT

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	F.A.G.W.108	1145.6	9049.6	1165	9242.9	0	metres	SS 2							

*44.5
for True North*

Code	Drillhole	Depth				Zenith Angle	True Azimuth				Comments
I	2 8	10	14	22	26	28	32	34		56	
R	F.A.G.W.108	00	121	0	43	0	A.T. COLLAR				

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

Lithologic Log

Date: Aug 28/81 Logged By: PRT

Code	From		To		Recov.		No.	Unit	Description
	10	14	16	20	22	24			
L	00	00	30	109	1	4D4		Bx; ground core minor Ca_2 in matrix, 0.9m Rec	
L	30	00	87		2	4E4*		Pov. (4K4) Essentially sulphide sand to 4.6 fault; 4K4 (0.2m) in ground sandy interval 4.6-6.1 (0.6m rec); last 0.2m 4E4* weakly dolomitic; rest of unit sand. (fault)	
L	87	00	90		3	4A4		(4D4) Bx	
L	90	00	128		4	4A0		Bx ground to < 1cm frags.	
L	128	00	199	1.8	5	4L5		(580) Gauge; ground core 50% gauge, 1.8m Rec	
L	199	00	260		6	5B162		+3.9 minor py on S ₂ 24.0-24.0 weakly calc in places.	
L	260	00	277		7	5B119		very phyllitic minor & narrow qtz bands < 5% pyritic msp. gn. distal to 4A phyllitic first see biotite in nose of fold @ 26.6	
L	277	00	332		8	5B16		±1 30.4m 0.1m gauge minor po in narrow qtz veins	
L	332	00	358		9	5B4		(000) 33.8-34.1 qtz vein.	
L	358	00	457		10	5B6		Broken core duller prob. However gauge @ 39.6 (0.1m)	
L	457	00	472		11	5B4		Broken as unit 11	
L	472	00	545		12	4L9		Broken	
L	545	00	559		13	4G4*		weakly to strongly calcareous. more calc top. veins at 54.5	
L	559	00	606		14	4E4*		±gov. weakly to strongly reactive with 10% HCl. Ground core at start end; 57.9-60.1 (0.6m rec) 56.6 bx (0.4m) partially ground	
L	606	00	616		15	4D4			
L	616	00	640		16	4C3		40% py Bx d over 1 st 0.3m; @ 62.9 (0.2m) gauge matt.	
L	640	00	645		17	4D4		6% Pb+Zn transitional to next unit	
L	645	00	650		18	4A14			
L	650	00	665		19	4A13		20% py	
L	665	00	689		20	4C3		(4AB) 30% py mcp bxd. 68.4-68.6 Ground core	
L	689	00	726		21	4E1		(4C3) 1) roughly ground core interbedded varies from 10% SiO ₂ 30-40% SiO ₂	
L	726	00	726		22	4L0		Sandy gauge with mixed AE pieces to 2cm	
								COH @ 72.6m	

DDH FAGU 108
2 8

Cyprus Anvil Mining Corp.
Structural Log

Page 4 of 5
Date: Aug 28/81 Logged By: PST

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
		00		19	8								Fault zone e'bx, gorges, sand.
				21	3	INDR					10	230	
				23	4	CS2Z					20		
				24	7	CS2Z					55		
				26	6	CS2Z					55		
				27	4	CS2M					60		
				28	0	CS2S					50		
				29	0	CS2Z					60		
				32	4	CS2Z					65		
				33	7	CS2E					65		
				34	4	CS2Z					60		
				35	5	CS2M					65		
				37	5	CS2E					55		
				39	5	CS2M					60		
				45	5	CS2Z					75		
				48	0	CS2S					45		
				53	0	CS2M					70		
				55	0	INDR					65		
				59	8	INDR					50		
				63	8	INDR					55		
				64	7	INDR					50		
		67	9	70	0								Fractures //ca.

ASSAY LOG (SAMPLER'S COPY) Date Aug 28/81

CODE	FROM		TO		SAMPLE	INTR.	REC (m)		UNIT	DESCRIPTION
	10	14	16	20			32	34		
P		00		30	1114145	30	11		AD14	Bx posn rec.
P		30		46	1114146	15	10	7	AE4x	posn
P		46		61	1114147	16	10	8	AE4x	posn (4K4)
P		61		87	1114148	26	11		AE4x	posn
P		87		90	1114149	03	10	2	AA4	(4D4) Bx
P		90		109	1114150	19	11	9	AA0	Bx
P		109		128	111255	19	11	9	AA0	Bx
P		545		559	1112556	14	11	4	AG4x	calc
P		559		579	1112557	20	11	8	AE4x	± posn
P		579		595	1112558	16	10	5	AE4x	± posn
P		595		610	1112559	16	10	7	AE4x	± posn
P		610		616	111260	10	10	9	AD4	
P		616		640	111261	24	12	2	AC3	
P		640		645	111262	05	10	5	AD4	
P		645		650	111263	05	10	5	AA14	
P		650		665	111264	15	11	5	AA13	
P		665		689	111265	14	11	4	AC3	(4A3)
P		689		705	111266	16	11	1	AE1	(4C3)
P		705		721	111267	16	11	4	AE1	(4C3)

3
4
13
14
15
16
19
20
21

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.	
F		00		37					XB.P3								
F		30		85					G?								Sand
F		87		90					D								
F		90		128					X.P.B								
F		128		199					G.B. 3								
F				304					G								
F		358		545					B								
F				396					G								
F				559					R								
F		579		601					R								
F				566					X.P?								
F		616		619					X?								
F				629					G								
F		684		686					X.P.R								
F		689		721					R?								
F		721		726					G?								
F		679		700					F								11 CA deleted (fractures)
F		01		198					FXS								deleted

DIAMOND DRILL RECORD

LOGGED BY _____

JOCK HOWARD

D.D.H. No 76-U-108

PAGE 1

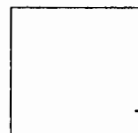
PROPERTY GRUM JOINT VENTURE (VANGORDA-GRUM)

LATITUDE 10,751.562 6N STARTED JUNE 10, 1976

DEPARTURE 7,732.922 70W COMPLETED JUNE 12, 1976

 ELEVATION 1156.252 PROPOSED DEPTH _____
 ULTIMATE DEPTH 72.5

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	044° 31'	-30° 57'



CLAIM No _____

 DIRECTION AND DISTANCE
 FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 56.3%

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	3.0	QUARTZ SULPHIDE BRECCIA (QXp).	10 30	0.8	3273	0	3.0	3.0	9.31	21.22	144.2			27.93	63.66	432.69
		Small quartz fragments (-1mm) in a quartz-sulphide matrix.														
		Core is blocky and broken but competent.														
3.0	7.8	MASSIVE SULPHIDE SAND-FAULT ZONE (M).	65 20	0.4	3274	3.0	4.6	1.6	3.70	6.91	55.54			5.92	11.056	88.864
		Short-0.1m sections of (QXp)(see above) in a sul-	65 20	0.5	3275	4.6	6.1	1.5	4.91	6.74	83.66			6.285	10.11	125.49
		phide sand.	65 20	0.5	3276	6.1	7.8	1.7	5.98	10.61	85.72			10.166	18.037	145.72
7.8	12.8	QUARTZ SULPHIDE BRECCIA (PXs).	30 20	0.8	3277	7.8	9.1	1.3	6.38	9.64	88.80			8.294	12.532	115.44
		Angular quartz and sulphide fragments in a quartz	25 12	1.6	3278	9.1	10.7	1.6	0.88	1.03	17.14			3.06	PbZn	
		sericite matrix. Matrix may also contain some fine	30 8	2.1	3279	10.7	12.8	2.1	0.83	1.15	17.14			4.16	PbZn	
		grained sulphides at 10.5, banding or foliation-15°.														
		Traces of graphite.														
					W.Av.	0	9.1	9.1	6.44	12.68	99.80			58.595	115.40	908.21
12.8	19.8	FAULT ZONE (S+Sb).		1.0/7.0	W.Av.	3.0	6.1	3.1	3.94	6.82	69.15			12.205	21.166	214.35
		Upper contact-20°. Pebbles and gouge.			W.Av.	9.1	12.8	3.7	1.95	PbZn				7.22	PZ	

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	
19.8	47.2	QUARTZ SERICITE PHYLLITE (S).		18.5/27.4													
		Typical, dark gray. At 23.0, F =90°; @ 24.2, F =35°, 2 2															
		@ 26.0, F =75°, @ 26.2 sharp nose followed by visible F 2 1															
		perpendicular to F but contorted-wavy within F. Scattered 2 2															
		thin laminae of sulphides (Py, Zn, Pb). From 38.1-47.2															
		core becomes platy and broken. Contact with White Phyllite															
		next is gradual. F consistently 75-90°. At 47.5 .1m bull 2															
		quartz with massive PZ (25%).															
47.2	53.9	WHITE PHYLLITE (Ss).		3.3/6.7													
		Platy, broken, largely incompetent. Pale yellow-gray. F 2															
		generally 75-90°; F is perpendicular to F. 1 2															
53.9	58.6	MASSIVE SULPHIDES (Mk).															
		Massive sulphide in a calcic matrix (-15%). Core is 55 +20		0.5	3280	53.9	54.9	1.0	8.30	9.87	117.60			8.30	9.87	117.60	
		generally competent but broken and blocky in places. 55 +20		1.3	3281	54.9	56.4	1.5	7.85	9.51	111.09			11.775	14.265	166.64	
		No apparent structure. 55 +20		1.1	3282	56.4	58.6	2.2	6.75	8.44	92.92			14.85	18.568	204.42	
58.6	72.5	QUARTZ SULPHIDES (Pg).	30 16	1.0	3283	58.6	61.0	2.4	6.54	8.64	84.69			15.696	20.736	203.26	
		Bands (F ?) of sulphides in a quartz-sericite graph- 1	30 11	1.1	3284	61.0	62.5	1.5	2.73	2.35	34.29			4.095	3.525	51.435	
		ite matrix and thin laminae (mostly PZ) (F ?). 2	25 13	1.1	3285	62.5	64.0	1.5	1.65	1.50	23.31			2.475	2.25	34.965	
		62.9-63.1: White Phyllite sand! Core is generally	25 13	1.2	3286	64.0	65.5	1.5	3.60	2.78	37.37			5.40	4.17	56.055	

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
		competent but blocky.	30 11	1.3	3287	65.5	67.1	1.6	1.80	1.48	20.23			2.88	2.368	32.368
		Barite 1-2% cement for sulphide breccia.	35 8	1.0	3288	67.1	68.6	1.5	1.05	0.60	16.11			1.65	PbZn	
			55 6	0.6	3289	68.6	70.1	1.5	0.10	0.43	4.11			0.53	PbZn	
			60 3	1.1	3290	70.1	72.5	2.4	0.43	0.68	10.97			1.11	PbZn	
72.5	?	WHITE PHYLLITE SAND (F?).														
		0.8m of core space filled with approximately 1/2 inch of														
		white phyllite sand (see 62.9-63.1).			W.Av.	53.9	61.0	7.1	7.13	8.93	97.45			50.621	63.439	591.92
					W.Av.	61.0	65.5	4.5	2.66	2.21	31.7			11.97	9.95	142.46
72.5?		END OF HOLE.			W.Av.	67.1	72.5	5.4	1.09	PbZn						

DDH: FAGU108 -- 42 DEGREE PROFILE

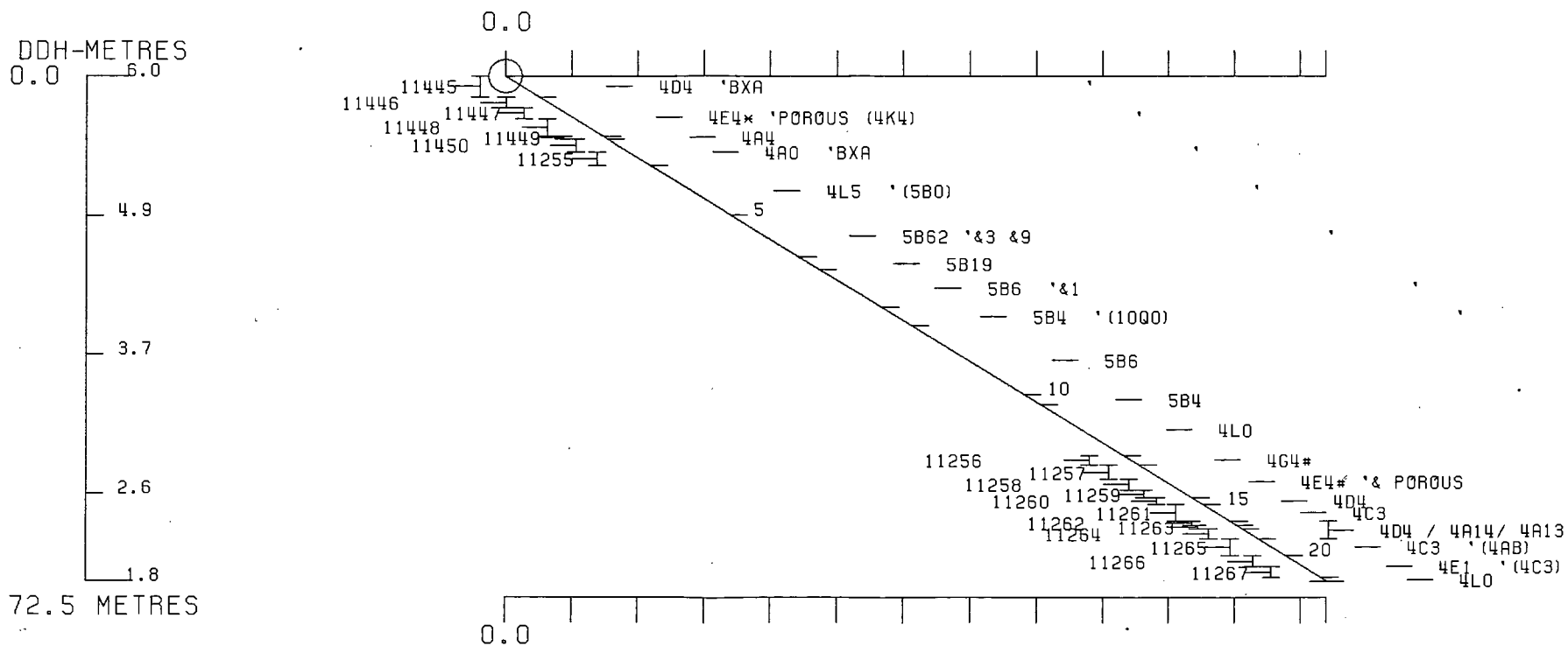
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1146 592429E ; 904962N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 559.8 Z = 1146.8

SECTION NAME: 70W



1150 M
ELEVATION
ABOVE S.L.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 OCT 1984 10:53 AM



DDH: FAGU108 -- 42 DEGREE PROFILE

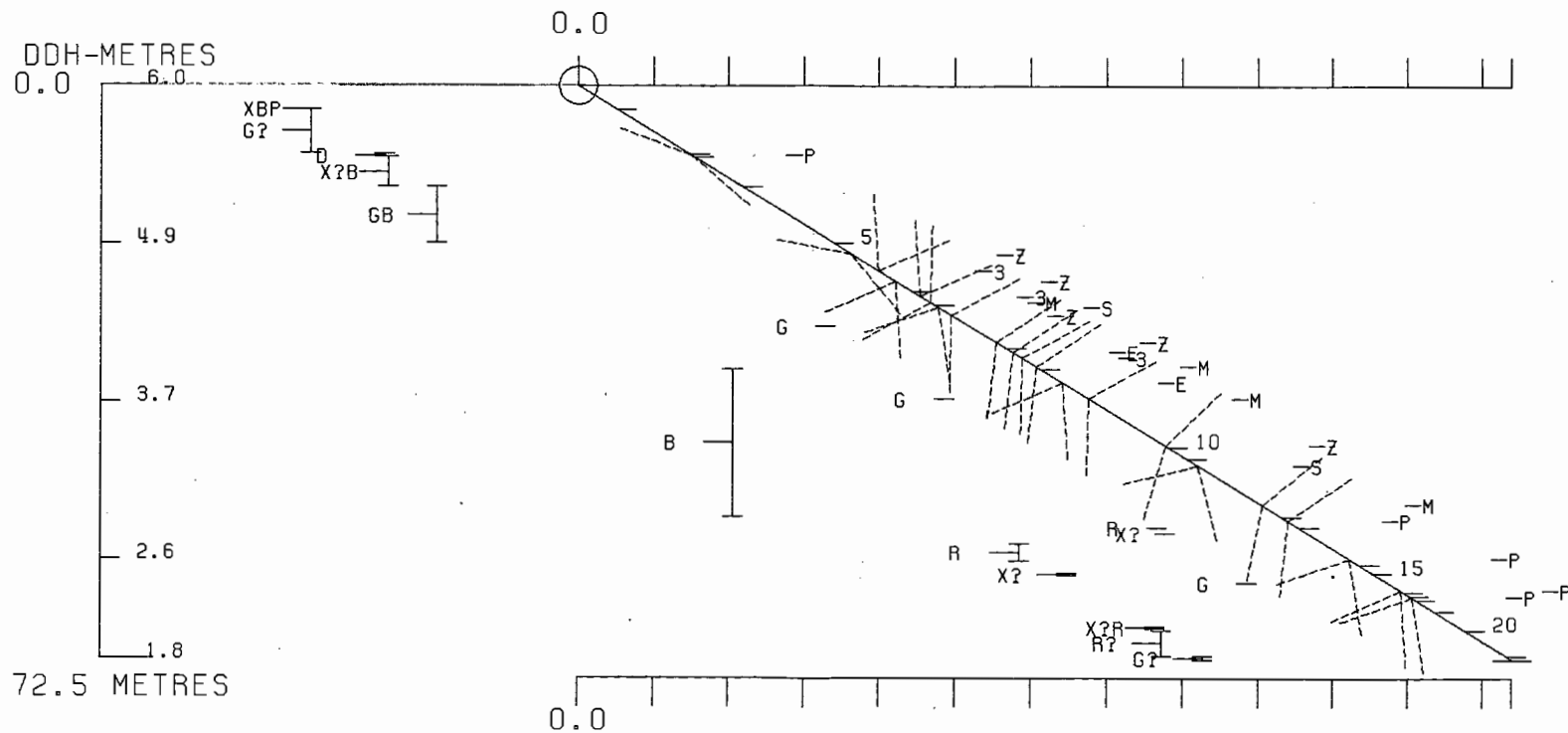
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1146 592429E ; 904962N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 559.8 Z = 1146.8

SECTION NAME: 70W



1150 M
ELEVATION
ABOVE S.L.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 2 OCT 1984 10:51 AM



FAGU 111

DRILL HOLE : FAGU111
NORTHING : 904,959.2
EASTING : 592,425.8
ELEVATION : 1,145.5
TOTAL DEPTH : 122.8
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 33
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 59
NOS DOWN-H-STRUCTURE: 32
NOS DOWN-H-FAULTS: 39
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

29MAR84 GRUM

DOWN-HOLE SURVEYS (DHO2C)

PAGE: 37

DDH: FAGU111 UTM-N: 904,959.2 UTM-E: 592,425.8 UTM-ELEV: 1,145.5 TOTAL DEPTH: 122.8 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
45.700	179.000	223.000
91.400	176.800	123.000
122.800	173.000	123.000

COH: FAGU111 UTM-N: 904,959.2 UTM-E: 592,425.8 UTM-ELEV: 1,149.5 TOTAL DEPTH: 122.8 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.4	0001	#		0.5-	1
3.9	0002	4E4		0.5-	1
4.2	0003	4K4	3 POROUS	0.5-	1
5.6	0004	4E4	PCROUS	0.5-	1
7.8	0005	4D4	(4E4 POROUS)	0.5-	1
9.4	0006	4E4	PCROUS (4E0)	0.5-	1
9.9	0007	4D4	(4D4* BXA)	0.5-	1
14.2	0008	4E4a	(4E0)	0.5-	1
16.0	0009	4E4	PCROUS	0.5-	1
16.4	0010	*	NO CORE	0.5-	1
17.6	0011	4AC	(4A4)	0.5-	1
19.2	0012	4LC		0.5-	1
23.7	0013	4LC	(10QA) (5A6*) (5C4*) (5B6)	0.5-	1
24.3	0014	4AC		0.5-	1
25.2	0015	4L2		0.5-	1
25.6	0016	5C4*		0.5-	1
26.3	0017	5B62		0.5-	1
30.0	0018	5B6		0.5-	1
35.6	0019	5B6	(5D4a)	0.5-	1
36.8	0020	5C4	(4L0)	0.5-	1
38.7	0021	5B6		0.5-	1
39.7	0022	4L64	[5B489]	0.5-	1
40.3	0023	4L2	(10QA)	0.5-	1
41.2	0024	5B6	(5B46)	0.5-	1
44.6	0025	5B6	(4L0)	0.5-	1
46.5	0026	4LC		0.5-	1
51.6	0027	5B6		0.5-	1
51.8	0028	5C4a		0.5-	1
53.2	0029	5B6		0.5-	1
53.9	0030	5B62	(10QA)	0.5-	1
59.4	0031	4LC	(5B6) (5B62) (5A3 -> 4A)	0.5-	1
59.8	0032	4L14	(5A6)	0.5-	1
60.3	0033	4G4#		0.5-	1
62.9	0034	4G48	# (4E48#)	0.5-	1
64.0	0035	4G4	BXA (4L5) (4E8#)	0.5-	1
66.0	0036	4DC	(4E8)	0.5-	1
67.4	0037	4C38	-> 4E81	0.5-	1
68.2	0038	4C2	BXA	0.5-	1
69.3	0039	4C8	(4L2)	0.5-	1
70.1	0040	4C8		0.5-	1
80.7	0041	4C83	SERICITIC	0.5-	1
80.9	0042	4E8		0.5-	1
83.4	0043	4L1		0.5-	1
84.0	0044	5C4a		0.5-	1
85.0	0045	4L21	84	0.5-	1
86.4	0046	4LC		0.5-	1
89.5	0047	4L2	(4E8#7)	0.5-	1
91.4	0048	4L1	(4L3) MINOR	0.5-	1
92.3	0049	4L2	(4L0) [4C SERICITIC]	0.5-	1
105.5	0050	4LC	(4L3) 84	0.5-	1
106.5	0051	4L2	4 MINOR	0.5-	1

DDH: FAGU111 UTM-N: 904,959.2 UTM-E: 592,425.8 UTM-ELEV: 1,145.5 TOTAL DEPTH: 122.8 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
109.1	0052	4LC		0.5-	1
109.7	0053	4L2		0.5-	1
114.2	0054	4LC		0.5-	1
115.7	0055	4L2		0.5-	1
116.7	0056	4LC	(4L6) MINOR	0.5-	1
119.7	0057	4LC	(4L2) BIOTITE	0.5-	1
122.2	0058	4L7	BIOTITE + GARNET	0.5-	1
122.8	0059	3G0	BIOTITE + GARNET	0.5-	1

DDH: FAGU111 UTM-N: 904,959.2 UTM-E: 592,425.8 UTM-ELEV: 1,145.5 TOTAL DEPTH: 122.8 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SO	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGU111	0.0	6.0	PS2	P	C	0	0	C	C	45	230	C	1	1	1	1	1	1
FAGU111	0.C	8.1	PS2	P	0	0	0	C	C	50	230	C	1	1	1	1	1	1
FAGU111	16.4	17.6	PS2	P	0	0	0	C	C	0	0	C	1	1	1	1	1	1
FAGU111	0.C	19.1	PS2	P	0	0	0	C	C	55	230	C	1	1	1	1	1	1
FAGU111	0.0	26.5	CS2	Z	0	0	0	C	C	55	230	C	1	1	1	1	1	1
FAGU111	0.C	28.5	CS2	M	0	0	0	C	C	65	230	C	1	1	1	1	1	1
FAGU111	0.C	29.4	PS2	P	0	0	0	C	C	60	230	C	1	1	1	1	1	1
FAGU111	0.C	31.3	PS2	P	0	0	0	C	C	35	230	C	1	1	1	1	1	1
FAGU111	0.C	33.5	PS2	P	0	0	0	C	C	55	230	C	1	1	1	1	1	1
FAGU111	0.C	37.2	PS2	P	0	0	0	C	C	50	230	C	1	1	1	1	1	1
FAGU111	0.0	39.0	PS2	P	0	0	0	C	C	65	230	C	1	1	1	1	1	1
FAGU111	0.C	41.0	PS2	P	C	0	0	C	C	60	230	C	1	1	1	1	1	1
FAGU111	0.0	53.3	PS2	P	0	0	0	C	C	30	230	C	1	1	1	1	1	1
FAGU111	0.C	60.9	PS2	P	0	0	0	C	C	65	230	C	1	1	1	1	1	1
FAGU111	0.C	66.3	PS2	P	0	0	0	C	C	65	230	C	1	1	1	1	1	1
FAGU111	0.C	68.7	PS2	P	0	0	0	C	C	55	230	C	1	1	1	1	1	1
FAGU111	0.C	72.3	PS2	P	0	0	0	C	C	45	230	C	1	1	1	1	1	1
FAGU111	0.0	74.6	PS2	P	0	0	0	C	C	35	230	C	1	1	1	1	1	1
FAGU111	0.C	77.5	PS2	P	0	0	0	C	C	70	230	C	1	1	1	1	1	1
FAGU111	0.C	83.2	PS2	P	0	0	0	C	C	55	230	C	1	1	1	1	1	1
FAGU111	87.C	89.4	CS2	M	0	0	0	C	C	65	230	C	1	1	1	1	1	1
FAGU111	0.C	90.0	PS2	P	0	0	0	C	C	55	230	C	1	1	1	1	1	1
FAGU111	0.0	92.9	PS2	P	0	0	0	C	C	40	230	C	1	1	1	1	1	1
FAGU111	0.0	98.9	PS2	P	0	0	0	C	C	35	230	C	1	1	1	1	1	1
FAGU111	0.C	100.5	PS2	P	0	0	0	C	C	55	230	C	1	1	1	1	1	1
FAGU111	0.C	105.6	CS2	3	0	0	0	C	C	60	230	C	1	1	1	1	1	1
FAGU111	0.C	110.1	PS2	P	0	0	0	C	C	50	230	C	1	1	1	1	1	1
FAGU111	0.C	113.0	PS2	P	0	0	0	C	C	50	230	C	1	1	1	1	1	1
FAGU111	0.C	115.2	PS2	P	0	0	0	C	C	50	230	C	1	1	1	1	1	1
FAGU111	0.0	118.7	PS2	P	0	0	0	C	C	75	230	C	1	1	1	1	1	1
FAGU111	0.C	119.7	PS2	P	0	0	0	C	C	70	230	C	1	1	1	1	1	1
FAGU111	0.0	122.4	PS2	P	0	0	0	C	C	60	230	C	1	1	1	1	1	1

DOWN-HOLE FAULTS (DHC20)

Z-AREA: GRUP

DDH: FAGU111 UTM-N: 904,939.2 UTM-E: 592,425.2 UTM-ELEV: 1,145.5 TOTAL DEPTH: 122.2 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD		
FAGU111	8.5	9.4	BP	1			C	C	C	0	0	1
FAGU111	9.4	9.9	1D				C	C	C	0	0	1
FAGU111	11.3	11.7	X				C	C	C	0	0	1
FAGU111	13.1	14.7	1XG				C	C	C	0	0	1
FAGU111	14.6	16.0	P	6			C	C	C	0	0	1
FAGU111	16.0	16.4	N				C	C	C	0	0	1
FAGU111	0.0	18.2	G				C	C	C	0	0	1
FAGU111	20.9	22.4	BQ?				C	C	C	0	0	1
FAGU111	22.4	23.7	M?				C	C	C	0	0	1
FAGU111	0.0	26.6	1G				C	C	C	0	0	1
FAGU111	0.0	26.8	1G				C	C	C	0	0	1
FAGU111	0.0	28.9	1G				C	C	C	0	0	1
FAGU111	0.0	34.8	1G				C	C	C	0	0	1
FAGU111	0.0	35.2	G				C	C	C	0	0	1
FAGU111	30.0	35.6	2B				C	C	C	0	0	1
FAGU111	0.0	40.7	G				C	C	C	0	0	1
FAGU111	0.0	41.1	G				C	C	C	0	0	1
FAGU111	41.2	44.6	G				C	C	C	0	0	1
FAGU111	44.6	46.5	B				C	C	C	0	0	1
FAGU111	46.5	51.6	3G				C	C	C	0	0	1
FAGU111	51.8	53.2	G				C	C	C	0	0	1
FAGU111	53.9	59.4	G				C	C	C	0	0	1
FAGU111	62.1	66.0	D				C	C	C	0	0	1
FAGU111	67.4	68.2	1X				C	C	C	0	0	1
FAGU111	71.7	72.2	X				C	C	C	0	0	1
FAGU111	73.9	74.5	X				C	C	C	0	0	1
FAGU111	74.7	74.8	X				C	C	C	0	0	1
FAGU111	75.0	75.5	X				C	C	C	0	0	1
FAGU111	79.7	79.9	X				C	C	C	0	0	1
FAGU111	89.3	89.4	G				C	C	C	0	0	1
FAGU111	92.9	93.1	G				C	C	C	0	0	1
FAGU111	94.2	95.7	G				C	C	C	0	0	1
FAGU111	96.0	97.3	GX				C	C	C	0	0	1
FAGU111	98.2	98.4	GX				C	C	C	0	0	1
FAGU111	100.0	100.4	G				C	C	C	0	0	1
FAGU111	102.9	103.0	G				C	C	C	0	0	1
FAGU111	0.0	103.7	1G				C	C	C	0	0	1
FAGU111	108.6	109.1	GR				C	C	C	0	0	1
FAGU111	114.1	114.2	GQ				C	C	C	0	0	1

MARKER GRM

DOWN-HOLE SPLINES (DHD20)

PAGE: 42

DJH: FAGU111 UTM-N: 904,959.2 UTM-E: 592,425.8 UTM-ELEV: 1,145.5 TOTAL DEPTH: 122.3 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DJH SEGMENT NOS COND INDICATOR

FAGU111	1	2
FAGU111	2	2
FAGU111	3	2
FAGU111	4	1

DIAMOND DRILL CORE LOG

Date: Aug 24 / 81

Hole Number: FAGW111 (75-U111)

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: VANGORDA PLATEAU

Claim:

Terr. Plane Co-ords.: 6904959.2 N

592425.8 E

Grid Co-ords: 70W

6N

Elevation: 1145.5m

Total Depth: 122.8m

Purpose: Redmll of u-88

Reason hole Terminated:

Logged by: RST

Date(s) Logged: Aug 23/24 / 81

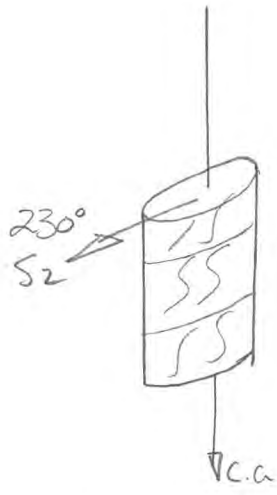
Drilling Contractor:

Size	CORE From	To	Collar Cased and Capped:
BQ	0	16m	
NQ	16m	122.8m	

Hole Cemented:

Steel down hole:

Started: July 16 / 76 Completed: July 11 / 76



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

UTM Conversion of K-A surveyed grid co-ords

DDH F.A.G.U.1.1.1
2 8

Diamond Drill Core Log

Date: Aug 24/81 Logged By: [Signature]

Code	Drillhole	Elevation			Northing			Easting			Units (feet/metres)	R.F.E.
		8	10	16	17	24	25	32	34	39		
T	F.A.G.U.1.1.1	1145	5	9049	59	2592	425	8	metres	5	2	

Code	Drillhole	Depth			Zenith Angle	True Azimuth	Comments
		8	10	14			
R	F.A.G.U.1.1.1	0	0	189	0	0	A.T. COLLAR
R	F.A.G.U.1.1.1	45	7	179	0	223	0 SPERRY SUN
R	F.A.G.U.1.1.1	91	4	176	8	123	0
R	F.A.G.U.1.1.1	122	8	173	0	123	0

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	
L		00		24			0101	*				No RECOVERY
L		24		39	0.2		4EA					-
L		39		42			4KA					ANIK CLOTS TO 2cm; POROUS
L		42		56			4EA					-POROUS
L		56		78			4DA					+(4EA-POROUS @ 7.0-7.1m)
												minor ANIK cementing fractures @
												6.8 & F/W;
L		78		94			4EA					POROUS +(4EA @ 7.9-8.1);
												8.5-94 coarse broken core - 0.1m recovery; ^{LOST}
L		94		99			4DA					+(4DA*-BRECCIA - 0.7m RECOVERY →
												SULPHIDE-QZ-ANIK CLOTS IN SIMILAR
												MATRIX @ 0.2m F/W)
L		99		142			4EA*					+(4EA @ ~13.2-14.2)
												- ANIK CLOTS & BLENDS along S ₂ + in
												FRACTURES; 11.3-11.7 = SULPHIDE-
												ANIK HOALED BRECCIA;
												13.1-14.2 - CRISSING-CROSSING FRACTURES
												@ ~45° & C.A. - ALMOST
												CRACKLE BRECCIA;
L		142		160			4EA					POROUS; ABOVE FRACTURING
												CONTINUOUS FOR 14.2-14.7;
												OCCASSIONAL 0.3-1.0 cm ANIK
												CLOTS;
												14.5-14.6 - SULPHIDE-HOALED CRACKLE
												BRECCIA
												14.6-16.0 - 0.8m RECOVERY.
												AT 16.0m LOST BA CORE
												& BEGAN AT 16.4 WITH NQ.
L		160		164			10	*				MISSING CORE
L		164		176			11	4A0				+(4A0 @ 16.4-16.6m)
												~20% PY; A SINGLE FRACTURE
												~ C.A. FOR LENGTH OF UNIT
L		176		192			12	4L0				18.2 = 3.0 cm GAUGE CUTS S ₂
L		192		237			13	4L0				MIXED BAG; →
												10A*-ANIK - 19.2-19.3
												5A6*(5B6) - 19.3-20.0m 50-3m REC

METRES

5C4* - 20.1-20.9 - QZ VN9 || S₂
QZ VN9 & SHIF - 20.9-22.4
+4L0
"TUBE MISSING" - 22.4-23.7m

DDH F.A.G.U.1.1.1

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Cyprus Anvil Mining Corp.

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Lithologic Log

Date: 24 Aug/81 Logged By: RST

Code	From	To	Recov.	No.	Unit	Description					
I	10	14	16	20	22	24	26	28	30	34	35
L	237	243		114	AAO1	15% py, ± SPHAL-GALENITA 24.2-24.3m					
L	243	252		115	ALZ1	+ 10% py along S ₂ , ± ANK VNS; + (4LO @ 24.9-25.2 m)					
L	252	256		116	5ICA*	-ANK; 5% FUCHSITE; F/W CONTACT GRADCS OVER 0.1m;					
L	256	263		117	5IBG2	- CARBONACEOUS BANDS - AS STANDARD;					
L	263	300		118	5IBG1	+ (4LO @ 27.6-28.0 m) Gouges - 1cm @ 26.6 //S ₂ 2cm @ 26.8 //S ₂ 3cm @ 28.9 //S ₂					
L	300	356		119	5IBG1	+ (5D4* - ANK ^{AS} < 0.1m BANDS @ 31.9, 32.9 & 35.0 m; " FAIRLY BROKEN INTERVAL FOR "1Q" RST. Gouges → 1cm @ 34.8 10cm @ 35.2 30.6-31.0m = 70% az vns //S ₂ 33.0 - 33.1 = az vn //S ₂					
L	356	368		120	5ICA1	+ (4LO @ 35.6-35.8 m) F/W CONTACT = az vns //S ₂					
L	368	387		121	5IBG1						
L	387	397		122	ALIGA	[5B489] + ~1% Pb-Zn.					
L	397	403		123	AL181	+ (10Q0) //S ₂					
L	403	412		123	5IBG1	+ (5B46); FRACTURES & Gouges //S ₂ @ 40.7 (1cm) & 41.1 (2cm & F/W az vn)					
L	412	446		124	5IBG1	+ (4LO) → 99% [Gouge] ↳ DOMINATES TOWARD F/W 0.4m					
L	446	465		125	AL101	COARSELY BROKEN & FRACTURED - SOLID BLOCK IN Gouge;					
L	465	516		126	5IBG1	[Gouge] = 70% OF UNIT;					
L	516	518		127	5CA*	-ANK; ON BOTH SIDES Gouges //S ₂ → POSS DRILLING ARTIFACT.					
L	518	532		128	5IBG1	[Gouge] = 95% OF UNIT					
L	532	537		129	5IBG2	QZ-ANK VNS OVER F/W 0.4m;					
L	537	574		130	AL101	+ (5B6); UNIT = 95% [Gouge] + (5B62) + (5A3/4A @ 57.2-58.2 m)					

METRES

Lithologic Log

Date: 24 Aug/81 Logged By: RST

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1594	1598		31	4L11A	+ (5A6 @ 59.4-59.5m)
L	1598	1603		32	4G14*	-V. CALC + minor BARITE;
L	1603	1629		33	4G14B*	+ (4E8*) - CALC - BARITIC PORTION DOMINANT @ 0.8m F/W; 62.1-62.9 = SULPHIDE HEALED CLOSED BRECCIA WITH ROUNDED (4G48* + 4E48*) FRAGS
L	1629	1640		34	4G41	- BRECCIA + (4L5) + (4E8*) ^{5%} @ 63.7-64.0 L @ 62.9-63.1m → 4G4 CLASTS IN DOLO ^{CLOSED} MATRIX
L	1640	1660		35	4D101	+ (4E8) → 20% OF UNIT BRECCIA - 4D + 4E CLASTS IN OZ-PY ^{-CALC} MATRIX ± BARITE FRACTURES; F/W CONTACT IN ^A RUBBLE
L	1660	1674		36	4C13B	60% PY, ANK-HEALED FRACTURES 66.5-66.7 - approaches 4E8
L	1674	1682		37	4C18	^{CRACKLE} BRECCIA - MINOR ANK HEALED - GENERALLY CRISS-CROSSES C.A. @ ~45°
L	1682	1693		38	4C18	+ (4L2 AS 3 <0.2m BANDS)
L	1693	1701		39	4D18	5% MAGNETITE
L	1701	1807		40	4C183	-SPHERULITIC 20% OF UNIT WITH FRACTURED 70.1-70.5 - 20% ANK BANDS; (FRACTURES & BRECCIAS DEVELOPED AT 71.7-72.2, 73.9-74.5 - FRACTURED C.A., 74.7-74.8 C.A., 75.0-75.5 BRECCIA, 79.7-79.9;)
L	1807	1809		41	4E8	-V. COARSE GRAINED @ H/W 10cm;
L	1809	1834		42	4L11	
L	1834	1840		43	5C14*	-ANK + (4L2 - GENERALLY TOWARD F/W)
L	1840	1850		44	4L21	± 4
L	1850	1864		45	4L101	<5% PY
L	1864	1895		46	4L12	+ (4E8*7-CALC) ; 40% TOTAL SULPHIDE - PB DEVELOPED BEST TOWARD F/W;
L	1895	1914		47	4L11	+ (minor 4L3); GAUGE @ 89.3-89.4m ~ (30/180)
L	1914	1923		48	4L12	- 30% PY, + (4L0 - minor in centre of unit)

METRES

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	92.3	110.55		147	A1L101	+ (4L3) - ONLY V. SPARSE PY; (± v. minor A) 10% OF INTERVAL = GOUGES 5cm + GOUGES @ 92.9-93.1 1/2 94.2-95.7 40% Gouge → 96.0-97.3 + FRACTURE 1/2 C.A + BRECCIA ~ 1/2 98.2-98.4 + BRECCIA ~ 1/2 100.0-100.4 102.9-103.0 103.7 (1cm) QZ VN 101.4-101.9 1/2 CONTACTS IN REVERSE
L	110.55	110.65		150	A1L121	+ minor sphal. → DK RED
L	110.65	110.91		160	A1L101	<5% PY; GOUGE & RUBBLE @ 108.6-109.1 - CONTACTS?
L	110.91	110.97		161	A1L121	7-8% PY
L	110.97	111.42		162	A1L101	112.1-112.3 = QZ VN 114.1-114.2 = QZ VN (H/W) + GOUGE
L	111.42	111.57		163	A1L121	~10% PY
L	111.57	111.67		164	A1L101	+ (MINOR 4L6); F/W 40cm POSS. SERICITIZED SC
L	111.67	111.97		165	A1L101	+ (4L2); 119.1 - FIRST APPEARANCE OF BIOTITE ALONG S ₂
L	111.97	112.22		166	A1L121	(+ BIOTITE - "INCIPTENT" ^{RST}) (+ RED GARNETS @ 121.8-122.2)
L	112.22	112.28		167	31G01	- BIOTITE = 30%, GARNET = 5%; + (SERICITE, QZ)
						END OF HOLE @ 122.8m

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				60	INDR						45	230	
S				81	INDR						50		Fractures here criss cross c.a @ 45°
S				98									Bx of fractures sub//S ₂
S	13			146									fractures criss cross c.a @ 30 no good S ₂
S	164			176	INDR		0,0	1,5			50		In S ₀ column is fracture // c.a.
S				191	INDP						55		
S				265	CSZ	Z					55		
S				285	CSZ	M					65		
S				294	INDP		6,5	2,7,0			60		In S ₀ column is planar surface S _x of post D ₂ fold. These folds are quite developed in this hole, but can be best measured @ this particular location
S				313	INDP						35		
S				335	INDP						55		
S				372	INDP						50		
S				390	INDP						65		
S				410	INDP		2,0	0,0			6,0		In S ₀ is HW of gorge zone
S				533	INDP						3,0		
S				609	INDR						65		
S				663	INDR						65		
S				687	INDR						55		
S				723	INDR						45		
S				746	INDR		9,0	0,0			35		In S ₀ is fractures // c.a.
S				775	INDR						70		
S				832	INDR						55		
S	8,7,0			894	CSZ	M					65		Fold hinges developed in seismic partings
S				900	INDP						55		
S				929	INDP						40		HW of gorge zone // S ₂
S				989	INDP						35		
S				1,005	INDP						55		
S				1,056	CSZ	Z					60		

DDH F.A.G.A.111
V? D.B.
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Cyprus Anvil Mining Corp.
 Structural Log

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Date: Aug 29/81 Logged By: PST

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂		Description			
								Dip	Direct				
1	10	14	16	20	22	24	26	28	32	34	38	40	44
S				11.0	INDP							50	230
S				11.30	INDP			50	240			50	
S				11.52	INDP							50	
S				11.87	INDP							75	
S				11.97	INDP							70	
S				1.224	INDP							60	

ASSAY LOG (SAMPLER'S COPY)

Date 24 Aug/81

Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
		10	0		12	4		2	4	10	0	*	No Recovery
P		12	4		13	9	111186	1	5	0	1	A1E4	Very poor recovery
P		13	9		14	2	111187	10	3	0	3	A1K4	
P		14	2		15	6	111188	1	4	0	8	A1E4	
P		15	6		16	7	111189	1	1	0	7	A1D4	
P		16	7		17	8	111190	1	1	1	1	A1D4	+ (A1E4 - POROUS)
P		17	8		17	4	111191	1	6	0	9	A1E4	POROUS + (A1E0)
P		19	4		19	9	111192	10	5	0	5	A1D4	+ (A1D4* - BRECCIA)
P		19	9		11	3	111193	1	4	0	4	A1E4*	
P		11	3		12	7	111194	1	4	0	6	A1E4*	
P		12	7		14	2	111195	1	5	0	8	A1E4*	+ (A1E0)
P		14	2		16	0	111196	1	8	1	4	A1E4	
		16	0		16	4			10	4		*	No Recovery
P		16	4		17	6	111197	1	2	1	2	A1A10	+ (A1A)
		17	6		12	3			16	1		A1L10	LOW GRADE NOT SAMPLED // Assay = 0%
P		12	3		12	4	111198	10	6	1	6	A1A10	
P		15	9		16	10	111199	10	5	1	0	A1G4*	-CALC
P		16	10		16	11	11200	1	3	1	2	A1G48	*/ + (A1E48*)
P		16	11		16	12	11201	1	3	1	3	A1G48	*/ + (A1E48*)
P		16	12		16	4	11202	1	1	1	0	A1G4	-BRECCIA + (A1L5)
P		16	14		16	6	11203	1	2	1	0	A1D10	+ (A1E8) - BRECCIA
P		16	16		16	7	11204	1	4	1	4	A1C138	
P		16	17		16	8	11205	10	8	1	0	A1C8	CRACKLE BRECCIA
P		16	18		16	9	11206	1	1	1	1	A1C8	+ (A1L2)
P		16	19		17	0	11207	10	8	1	0	A1D8	
P		17	10		17	2	11208	1	2	1	2	A1C83	
P		17	12		17	4	11209	1	2	1	9	A1C83	
P		17	14		17	6	11210	1	2	1	2	A1C83	
P		17	16		17	8	11211	1	2	1	2	A1C83	
P		17	18		18	0	11212	1	2	1	2	A1C83	
P		18	0		18	0	11213	10	2	1	0	A1E8	
P		18	0		18	3	11214	1	2	1	2	A1L1	

METRES

to SPLIT.

END OF HOLE

DDH FAGU 1.1.1
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Cyprus Anvil Mining Corp.

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Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	32	34	
F		85		94	BP	1							
F		94		99	ID								
F		113		117	X								
F		131		147	IXP								
F		146		160	P	6							
F		160		164	Ni								
F				182	G								
F		209		224	BP?								
F		224		237	M?								
F				266	IG				99	99	9		
F				268	IG				99	99	9		
F				289	IG				99	99	9		
F				348	IG								
F				352	G								
F		300		356	2B								
F				407	G				99	99	9		
F				411	G				99	99	9		
F		412		446	G								
F		446		465	B								
F		465		516	3G								
F		518		532	G								
F		539		594	G								
F		621		660	D								
F		674		682	IX								
F		717		722	X								
F		739		745	X								
F		747		748	X								
F		750		755	X								
F		797		799	X								
F		893		894	G				30	180			
F		929		931	G				99	99	9		
F		942		957	G								
F		960		973	GX								
F		982		984	GX				99	99	9		
F		1,000		1,004	G								
F		1,029		1,030	G								

DDH FAGU 111
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Cyprus Anvil Mining Corp.

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Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature		SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24		Dip	Direct.	Dip	Direct.	Dip	Direct.	
I														
F				103	7	16								
F	11086		109			16								
F	11141		1142			16								

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
					43.5-46.5: Broken core ave: 3cm Ø. Bleached Phyllite. Light buff colour.												
		46.5-59.8: FAULT ZONE. Intervals of gouge and broken (solid) sericite phyllite sand/pebble fragments of Quartz; Phyllite, graphite. 57.5-58.2: Black graphitic gouge.															
		59.4-59.8: Transition zone from gougy material to more solid core. Fault's wall=45°.															
		59.8: Sharp change to Massive Sulfide Zone. Contact apparently=10° based on interface between phyllite/massive sulfides in some broken fragments.															
59.8	67.9	MASSIVE SULFIDE ZONE. Competent. Almost structureless															
		except for short porous intervals, and brecciated intervals. Porous intervals show orientation of voids=60°. Faint trace of Sph/py compositional bands=65-70. Calcite xls. lining cavity walls.	70 8	1.5	3372	59.8	61.3	1.5	6.20	6.00	67.54			9.30	9.00	103.31	
		61.9-62.3: Breccia. Angular sulfide fragments Ø=1mm to 1cm. Very well (healed) cemented by sulfides/calcite.	70 10	1.5	3373	61.3	62.8	1.5	5.10	6.37	63.43			7.65	9.555	95.145	
		63.3-65.0: Barite in groundmass and cavity walls.	65 8	1.5	3374	(62.8 62.8	63.1 64.3	0.3 1.5	2.35	3.46	31.20			(0.71	1.04	9.36)	
		64-64.7: Breccia. Angular sulfide fragments ave: 2cm cemented by sulfides, quartz and barite.	65 8	1.4	3375	64.3	65.8	1.5	0.40	0.68	7.89			1.08	PbZn		
		66.4-67.9: Breccia. Same as above but fragments ave: 45	60 8	1.5	3376	65.8	67.3	1.5	0.55	0.73	9.94			1.28	PbZn		
			65 10	1.5	3377	67.3	68.8	1.5	0.38	0.35	5.14						
			70 12	1.3	3378	68.8	70.3	1.5	1.70	2.80	18.17						
			60 8	1.2	3379	70.3	71.8	1.5	0.85	1.10	13.03			1.95	PbZn		
			50 9	0.9	3380	71.8	73.3	1.5	0.28	0.43	6.17			0.71	PbZn		
			50 10	1.2	3381	73.3	74.8	1.5	0.55	0.73	7.20			1.28	PbZn		
			45 9	1.0	3382	74.8	76.3	1.5	0.78	0.23	8.23			1.01	PbZn		

DDH: FAGU111 -- 42 DEGREE PROFILE

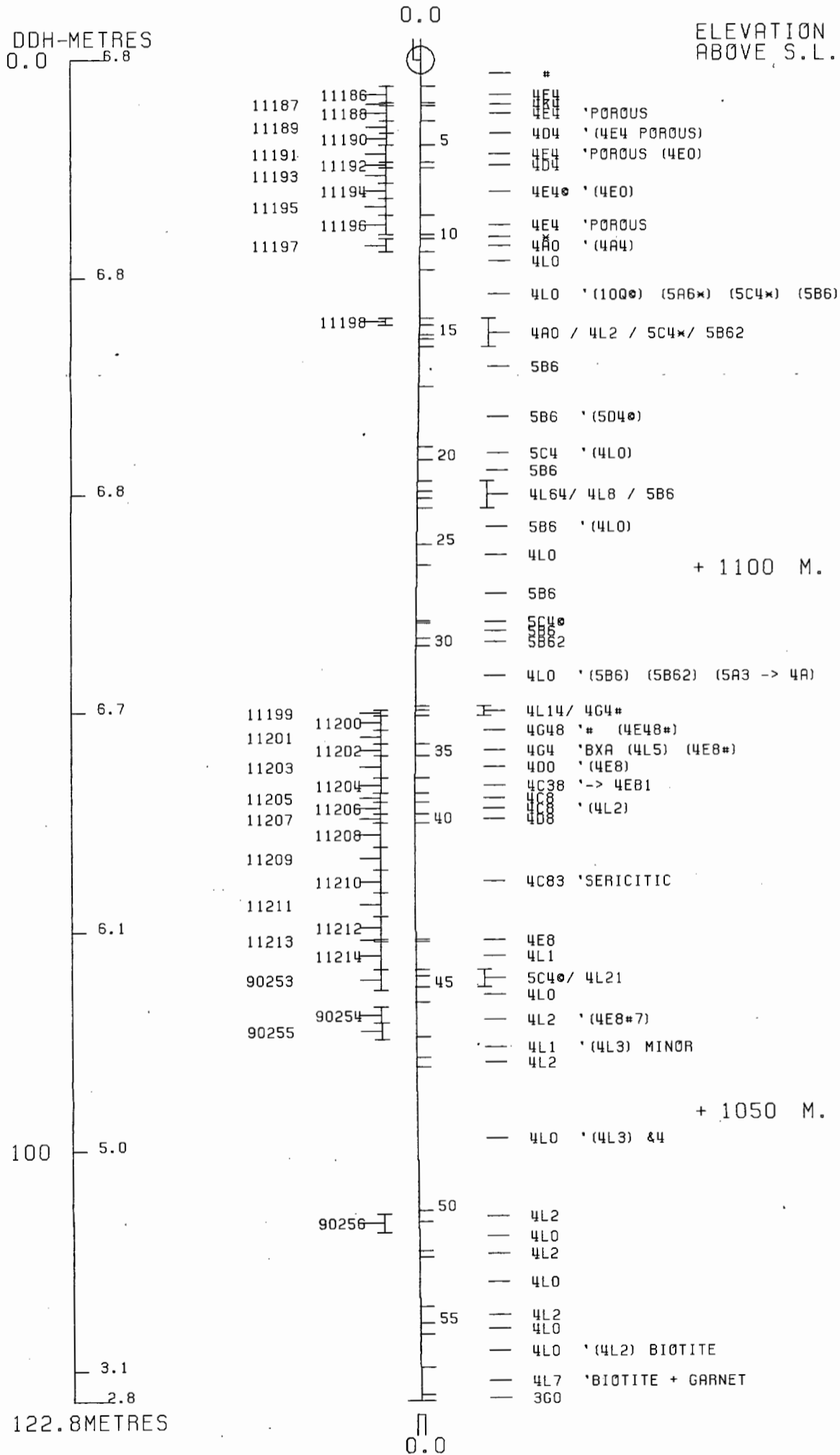
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1146 592426E ; 904959N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.9 Z = 1146.8

SECTION NAME: 70W



DDH: FAGU111 -- 42 DEGREE PROFILE

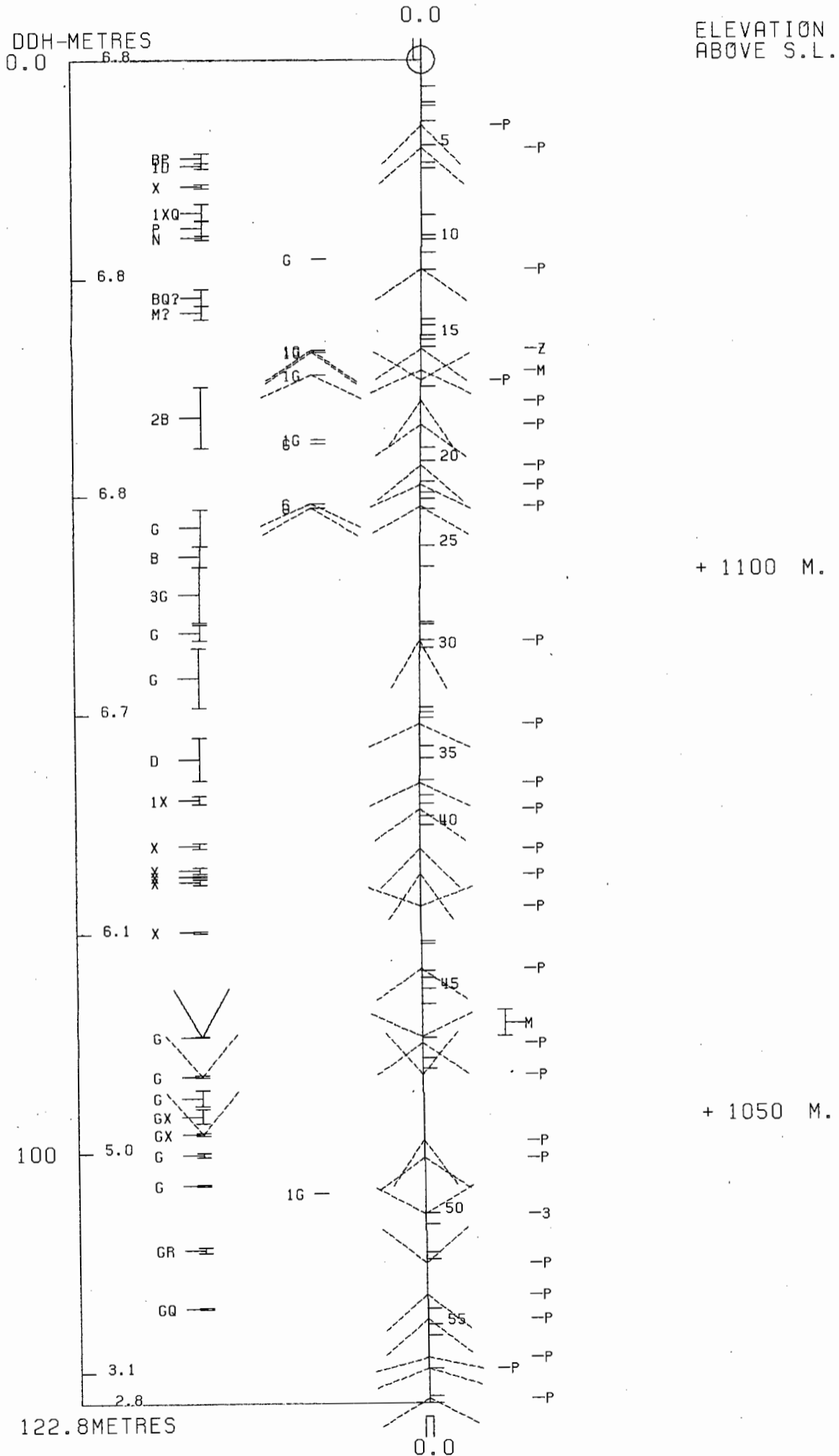
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1146 592426E ; 904959N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.9 Z = 1146.8

SECTION NAME: 70W



FAGU113

DRILL HOLE : FAGU113
NORTHING : 904,961.1
EASTING : 592,428.1
ELEVATION : 1,146.0
TOTAL DEPTH : 102.7
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 20
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 38
NOS DOWN-H-STRUCTURE: 27
NOS DOWN-H-FAULTS: 30
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

CDH: FAGU113 UTM-N: 904,961.1 UTM-E: 592,422.1 UTM-ELEV: 1,146.0 TOTAL DEPTH: 102.7 SECTION: W 70
 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	AL(FA) G/MT	PO %	PY %	TCT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
FROM	TO																				
62.2	63.0	11284	.8	.4	4E0	3.35	.02	1.27	3.20	29.00	31.00	.48	3	9	13						
63.0	63.8	11285	.8	.7	4D0	3.25	.04	3.70	5.30	50.00		.41	2	8	10						
63.8	65.2	11286	1.4	1.2	4E4#	3.69	.02	5.60	4.50	77.00		.82	2	14	16						
65.2	66.1	11287	.9	.9	4E4#	4.61	.10	9.90	6.40	118.00		1.23	2	26	28						
66.1	66.9	90257	.8	.0	4L0			.74	.64		9.10										
69.9	70.4	11288	.5	.5	4G4#	4.42	.03	5.40	9.00	74.00		.34	1	12	13						
73.7	74.7	11289	1.0	1.0	4E48	3.56	.13	4.80	4.10	69.00		.41	5	12	17						
74.7	76.1	11290	1.4	1.4	4G48	4.56	.08	12.60	7.30	142.00		.75	13	13	26						
76.1	77.5	11291	1.4	1.3	4G48	4.42	.12	9.20	6.50	109.00		.82	10	11	21						
77.5	78.0	11292	.5	.5	4H42	4.63	.36	13.50	6.80	134.00		.62	21	8	30						
78.0	79.7	11293	1.7	1.7	4E84	4.70	.13	2.80	2.80	39.00	43.00	.96	7	33	40						
79.7	81.5	11294	1.8	1.8	4E84	4.29	.28	2.80	3.60	43.00		.89	5	26	31						
81.5	83.2	11295	1.7	1.0	4E84	4.72	.23	5.10	5.30	65.00		1.44	3	30	34						
83.2	84.9	11296	1.7	1.7	4E84	4.53	.21	4.50	5.60	64.00		1.03	3	28	32						
84.9	86.3	11297	1.4	1.4	4G4#	4.35	.05	4.70	8.70	72.00		.34	1	15	17						
86.3	87.7	11298	1.4	1.4	4G4#	4.43	.04	3.30	8.00	60.00		.14	1	8	9						
87.7	88.2	11299	.5	.5	4E4*	4.35	.04	3.40	5.70	54.00		.34	6	16	22						
88.2	89.5	11300	1.3	1.1	4C87	3.51	.12	1.76	2.10	30.00		.34	7	14	22						
89.5	90.8	11451	1.3	1.3	4C87	3.76	.17	.98	1.93	26.00	25.00	1.10	7	20	27						
90.8	93.3	11452	2.5	2.5	4C78	3.65	.23	.41	.52	15.00		.69	6	16	23						

WEIGHTED AVERAGE

62.2	66.9		4.7	3.2		3.10	.03	4.53	4.12	58.97	6.82	.63	2	12	14						
69.9	70.4		.5	.5		4.42	.03	5.40	9.00	74.00		.34	1	12	13						
73.7	93.3		19.6	18.6		4.23	.16	4.37	4.70	59.82	5.38	.75	6	19	26						

DDH: FAGU113 UTM-N: 904,921.1 UTM-E: 592,428.1 UTM-ELEV: 1,146.0 TOTAL DEPTH: 102.7 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	148.000	44.000

DDH: FAGU113 UTM-N: 904,951.1 UTM-E: 592,428.1 UTM-ELEV: 1,146.0 TOTAL DEPTH: 102.7 SECTION: W 70
 RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.5	0001	4E4	POROUS	0.5-	1
3.9	0002	4E41		0.5-	1
6.3	0003	4E4#	(4K0) (4E4# POROUS)	0.5-	1
6.7	0004	4D4	BXA	0.5-	1
7.2	0005	4E4#	(4E0)	0.5-	1
8.8	0006	4ECS		0.5-	1
10.6	0007	4EC	BXA (4E0) (4E4 POROUS)	0.5-	1
11.1	0008	4D4	(4E0 BXA)	0.5-	1
15.5	0009	4A13	(4E14)	0.5-	1
17.2	0010	4E4S	(4D4) BXA	0.5-	1
17.5	0011	4D4		0.5-	1
19.0	0012	4A13	(4A14)	0.5-	1
22.2	0013	4LC	(5A6)	0.5-	1
42.2	0014	4LC	(5B62)	0.5-	1
49.6	0015	5B4	(4L0) (10Q0)	0.5-	1
52.7	0016	4LC	(5A6)	0.5-	1
55.7	0017	4AC	PHYLLITIC (5A19)	0.5-	1
60.3	0018	5A6	(10Q0)	0.5-	1
62.2	0019	5B4	(4L5)	0.5-	1
63.0	0020	4EC	(5A) BXA	0.5-	1
63.8	0021	4D4	(4L0)	0.5-	1
65.2	0022	4E4#	(4L3)	0.5-	1
66.1	0023	4E4#		0.5-	1
69.9	0024	4LC	(10Q0) (4H4)	0.5-	1
70.4	0025	4G4#		0.5-	1
73.7	0026	4LC	82 (4L7)	0.5-	1
74.7	0027	4E48	* (4L0)	0.5-	1
77.5	0028	4G48	7 (4H48) (4E48)	0.5-	1
78.0	0029	4H48		0.5-	1
83.2	0030	4E8	8* (4E48 8*)	0.5-	1
84.9	0031	4E8	81 (4G4*)	0.5-	1
87.7	0032	4G4#	(4L0)	0.5-	1
88.2	0033	4E4*	BXA	0.5-	1
90.8	0034	4C87	*	0.5-	1
93.3	0035	4C78	* (4E0) BXA	0.5-	1
97.0	0036	5C5#	[5C52*]	0.5-	1
98.8	0037	5C4*		0.5-	1
102.7	0038	5D4*		0.5-	1

DDH: FAGU113 UTM-N: 904,961.1 UTM-E: 592,428.1 UTM-ELEV: 1,146.0 TOTAL DEPTH: 102.7 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DLH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU113	0.0	3.6	PS2	P	0	0	0	0	50	230	C	1	1	1
FAGU113	0.0	6.5	PS2	P	0	0	0	0	40	230	C	1	1	1
FAGU113	0.0	9.4	PS2	P	0	0	0	0	30	230	C	1	1	1
FAGU113	0.0	13.0	PS2	P	0	0	0	0	45	230	C	1	1	1
FAGU113	0.0	13.3	PS2	P	0	0	0	0	45	230	C	1	1	1
FAGU113	0.0	15.2	PS2	P	0	0	0	0	55	230	C	1	1	1
FAGU113	0.0	17.8	PS2	P	0	0	0	0	45	230	C	1	1	1
FAGU113	0.0	19.5	PS2	P	0	0	0	0	55	230	C	1	1	1
FAGU113	0.0	19.9	CS2	S	0	0	0	0	55	230	C	1	1	1
FAGU113	0.0	42.7	PS2	P	0	0	0	0	20	230	C	1	1	1
FAGU113	0.0	46.6	CS2	Z	0	0	0	0	40	230	C	1	1	1
FAGU113	0.0	49.6	CS2	S	0	0	0	0	40	230	C	1	1	1
FAGU113	0.0	54.2	CS2	Z	0	0	0	0	35	230	C	1	1	1
FAGU113	0.0	57.6	CS2	Z	0	0	0	0	35	230	C	1	1	1
FAGU113	0.0	58.2	CS2	Z	0	0	0	0	45	230	C	1	1	1
FAGU113	0.0	60.6	CS2	Z	0	0	0	0	45	230	C	1	1	1
FAGU113	0.0	65.7	PS2	P	0	0	0	0	40	230	C	1	1	1
FAGU113	0.0	68.7	PS2	P	0	0	0	0	40	230	C	1	1	1
FAGU113	0.0	70.2	PS2	P	0	0	0	0	30	230	C	1	1	1
FAGU113	0.0	72.6	CS2	Z	0	0	0	0	55	230	C	1	1	1
FAGU113	0.0	76.8	PS2	P	0	0	0	0	60	230	C	1	1	1
FAGU113	0.0	80.4	PS2	P	0	0	0	0	60	230	C	1	1	1
FAGU113	0.0	83.3	PS2	P	0	0	0	0	60	230	C	1	1	1
FAGU113	0.0	86.5	PS2	P	0	0	0	0	70	230	C	1	1	1
FAGU113	0.0	90.2	PS2	P	0	0	0	0	45	230	C	1	1	1
FAGU113	0.0	95.4	PS2	P	0	0	0	0	60	230	C	1	1	1
FAGU113	0.0	99.5	PS2	P	0	0	0	0	60	230	C	1	1	1

DLH: FAGU113 UTM-N: 904,961.1 UTM-E: 592,428.1 UTM-ELEV: 1,146.0 TOTAL DEPTH: 102.7 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DLH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DPD		
FAGU113	3.0	3.9	D?				C	0	C	0	1	
FAGU113	3.9	6.1	BP	2			0	0	C	C	0	1
FAGU113	6.3	6.7	D				0	0	C	C	0	1
FAGU113	6.8	7.2	B				0	0	C	C	0	1
FAGU113	7.2	8.8	X				0	0	C	C	0	1
FAGU113	8.8	10.6	D				0	0	C	C	0	1
FAGU113	0.0	10.8	D				0	0	C	C	0	1
FAGU113	0.0	13.3	1F				0	0	15	18C	0	1
FAGU113	0.0	15.2	1F				C	0	6C	33C	0	1
FAGU113	17.0	17.5	D				0	0	C	C	0	1
FAGU113	0.0	17.8	1F				0	0	2C	19C	0	1
FAGU113	0.0	19.5	1F				0	0	9C	9C	0	1
FAGU113	20.9	21.1	G				C	0	C	0	0	1
FAGU113	22.2	42.2	GB				0	0	99	999	0	1
FAGU113	45.1	45.6	G				0	0	C	C	0	1
FAGU113	48.3	49.6	G				0	0	C	C	0	1
FAGU113	49.6	52.7	3GP	3			0	0	99	999	0	1
FAGU113	0.0	54.2	1G				0	0	C	C	0	1
FAGU113	0.0	55.7	1G				0	0	C	C	0	1
FAGU113	54.2	56.0	1G				0	0	99	999	0	1
FAGU113	58.6	60.2	1G				0	0	99	999	0	1
FAGU113	0.0	60.3	1G				0	0	99	999	0	1
FAGU113	62.2	63.0	GX				0	0	C	C	0	1
FAGU113	83.0	83.2	D				0	0	C	C	0	1
FAGU113	0.0	86.5	1F				0	0	15	18C	0	1
FAGU113	0.0	86.7	D				0	0	C	C	0	1
FAGU113	87.7	88.2	D				0	0	C	C	0	1
FAGU113	90.8	93.3	X				0	0	C	C	0	1
FAGU113	0.0	99.5	X				0	0	C	C	0	1
FAGU113	0.0	102.7	BR				0	0	C	C	0	1

DDH: FAGU113 UTM-N: 904,981.1 UTM-E: 592,428.1 UTM-ELEV: 1,146.0 TOTAL DEPTH: 102.7 SECTION: W 70
RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 OHC CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU113 1 1

DIAMOND DRILL CORE LOG

Date: Aug 28/81

Hole Number: FAGU 113 (76-U113)

Reference Fabric Orientation Diagram:

Project: GRUM Renoa

Location: VANGORDA PLATEAU

Claim: _____

Terr. Plane Co-ords.: 6905⁴961.1 N

592428.1 E

Grid Co-ords: 70W

6N

Elevation: 1146.0 m

Total Depth: 102.7m

Purpose: Attempt to Redrill U-90 & U-90A.

Reason hole Terminated: _____

Logged by: DST

Date(s) Logged: Aug 27-28/81

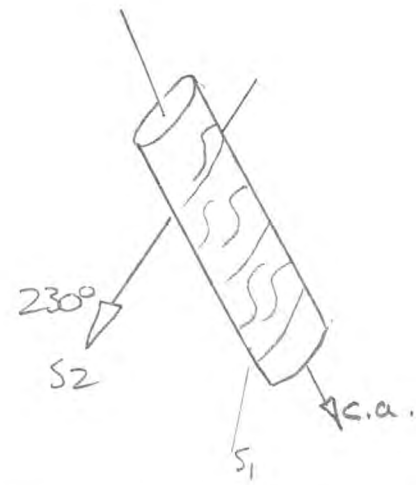
Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped:
<u>NQ</u>	<u>0</u>	<u>81.6m</u>	<u>collar left.</u>
<u>BQ</u>	<u>81.6</u>	<u>102.7m</u>	

Hole Cemented: _____

Steel down hole: _____

Started: July 12/76 Completed: July 17/76



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

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

DDH FAGU113
2 8

Diamond Drill Core Log

Date: Aug 28/81 Logged By: PST.

Code	Drillhole	Elevation					Northing					Easting					Units (feet/metres)	R.F.E
		10	12	14	16	18	17	19	21	23	25	24	26	28	30	32		
T	FAGU113	11146.0	9059.6	11159.2428.1	metres	52												

4

Code	Drillhole	Depth				Zenith Angle				True Azimuth				Comments
		10	12	14	16	17	19	21	23	24	26	28	30	
R	FAGU113	00	148.0	44.0	0	A, T, C, O, L, L, A, R,								

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

Lithologic Log

Date: Aug 27/81 Logged By: RBT

Code	From		To		Recov.	No.	Unit	Description
	10	14	16	20				
L	00	35				1	4E4	porous fractured bxtd. 1.2m rec.
L	30	39				2	4E4	High grade compact sph gn <1mm bbbs diss SiO ₂ 4L fragments to 2cm 4-5% unit
L	39	63				3	4E4x	porous (4K0); 3.9-6.1 (Rec 0.6m) ground 4E4 por. ^{weakly calc} here and remnants of 4K unit 0.1m resid unit 4E4 por. weakly calc & sandy
L	63	67				4	4D4	Bx some appearance as upper 4D4 in U111 & 88
L	67	72				5	4E4x	por (4E0) Calc-quartz ven 0.1m @ start. resid unit broken core
L	72	88				6	4E0x	dol. (4E4 por) Bx 8.1-8.4 4E4 por; resid of unit crackles bxtd 4E0 with dolomite filling fractures 10-15% unit.
L	88	106				7	4E0	Bx (4E4, 4E4 por) 1.2-0.3m 4E4; 9.2-9.7 4E0 bx at top; 4E0 crackle Bx at bottom; 4E4 por 1m follows then 4E0 por bx.
L	106	111				8	4D4	(4E0 bx) 0.1m 4E0 bx in middle of unit.
L	111	155				9	4A13	(4E14) 4E14 @ 11.7 (0.1m) 15.1 (0.1m) better with mine carb.
L	155	172				10	4E4x	dol. (4D4) Bx dol. matrix essentially 4E4x por; 10% 4D4 clasts near end of unit.
L	172	175				11	4D4	bx. bxtd upper carb. transitional lower carb to 4A14 @ next unit
L	175	190				12	4A13	(4A14) 0.2m 4A14 @ top of unit. lower carb sub/c.a
L	190	222				13	4L0	(5A6) 20.9-21.1 gauge 4L0/5B6 60:40 above gauge 5B6 below gauge.
L	222	422				14	4L0	(5B62) Gauge, ground core 90% gauge ground core 22.2-28.3 (0.3m rec); 5B62 block? 32.9-33.4; Gauge sub/S2
L	422	496				15	5B4	(4L0)(000) 4L0 over upper 1m. 000 43.2-45.0 gauge 45.1-45.6; 48.3-49.6
L	496	527				16	4L0	(5A6) 70% gauge 1.2m Rec. sub/S2
L	527	557				17	4A0	phy. (5A19) gauge 54.2 (0.1m) Poor 4A
L	557	603				18	5A6	(000) 0.1m gauge @ start. 68.4-68.8 000 gauge 1/52 @ lower carb.
L	603	622				19	5B4	(4L5) 4L5 0.8m in middle of unit.
L	622	630				20	4E0	/SA Gauge bx. 4E0 frags in SA graph matrix.

Lithologic Log

Date: Aug 27/81

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28		
L	630		638					21	4D4	(4L0) fuzzy near bottom 4L0 at bottom 0.1m
L	638		652					22	4E4*	(4L3) strongly reacts i 10% HCl 4L3 over = 2/3 half of unit.
L	652		661					23	4E4*	reacts strongly with 10% HCl calc. along Sz in diss. bands. Ank blebs @ bottom of unit.
L	661		699					24	4L0	(0Q0, 4H4) 0Q0 69.1-69.3; 0.1m band 4H4 @ 68.0-69.3
L	699		704					25	4G4*	strongly calcareous. / barite bands.
L	704		737					26	4L0	(4L7) minor bands of 4L7 in middle of unit.
L	737		747					27	4E48*	(4L0) 4L0 over last 0.5m with sulphide bands
L	747		775					28	4G48	(4H48, 4E48) Most unusual 4E4 pyrite converted to po in bands. metamorphic conversion
L	775		780					29	4H4	minor ank as blebs
L	780		832					30	4E8	±* (4E48 ±*) narrow 0.1m w less bands of 4E48 ±* 10% unit 79.5-79.9 4L1* poor in pyrite 4E4 over 100.0-2m
L	832		849					31	4E8	±* (4G4*) interbedded. 4G4* < 10% of unit
L	849		877					32	4G4*	(4L0) 4L0 over 0.1 at 85.5 4G4* weak calc high barite content. bx 86.7 (0.1m)
L	877		882					33	4E4*	Bx
L	882		908					34	4C87	* Some py converted to po minor CO3 as fracture fills and bands a Sz 10-15% po
L	908		933					35	4C78	(4E0) Bx 4E frags in sil-carb matrix pyrite po in fractures. trans lower cut over 0.3m
L	933		970					36	5C52*	dioritic / ank / calc banded
L	970		988					37	5C4*	Bx fleshy buff-ton ank / calcitic
L	988		1027					38	4L*5	pass from 5C or D high ank content. bx 101.2-101.4. Barite ground core Eolt
										Fe/H

DDH FAGU 113
2 8

Cyprus Anvil Mining Corp.
Structural Log

Page 5 of 6
Date: Aug 30/81 Logged By: RBT

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
				20									Fracture/la.
				36	INDR						50	230	
		00		112									essentially BX
				165	INDR						40		
				194	INDR						30		
				1108									fracture at 20° to CA.
				1130	INDR						45		
				1133	INDR	15	11810				45		S ₀ = fracture
				1152	INDR	60	3310				55		S ₀ = fracture
				1178	INDR	210	11910				45		S ₀ = fracture
				1195	INDR	910	0910				55		S ₀ = Contact
				1199	CSRZ						55		
				1427	INDR						210		
				1466	CSRZ						40		
				1496	CSRZ						40		
				1542	CSRZ						35		
	1542			1560									gauge zone // to S ₂
				1576	CSRZ						35		
				1582	CSRZ						45		
	1586			1602									gauge zone // to S ₂
				1606	CSRZ						45		
				1657	INDR						40		
				1687	INDR						40		
				1702	INDR						30		
				1726	CSRZ						55		
				1768	INDR						60		
				1804	INDR						60		
				1933	INDR						60		
				1865	INDR						70		fracture at 15° to CA Must opposite direction to S ₂ & N side up
				1902	INDR						45		
	1903			1933									not possible to find direction of BX
				1954	INDR						60		
				1996	INDR						60		Bx here in last unit N side // to S ₂

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	
		00		18				18				4E4	pow 0.1m rec No sample
		18		35				17				4E4	pow Already sampled in FAG 90
		30		39				09				4E4.1	"
		39		63				24				4E4.X	pow (4K0) "
		63		67				04				4D.4	Bx "
		67		72				05				4E4.*	pow (4E0) "
		72		88				16				4E4.*	dat. (4E4 pow) Bx "
		88		106				18				4E4	Bx (4E4, 4E4 pow) "
		106		111				05				4D.4	(4E0 bx) "
		111		133				22				4A.1.3	"
		133		155				22				4A.1.3	"
		155		172				17				4E4.*	dat. (4D4) Bx "
		172		175				03				4D.4	Bx "
		175		190				15				4A.1.3	(4A14) "
P	162	22	163	0	11284			08	04			4E4	1/5A Gauge Bx. 20
P	163	0	163	8	11285			08	07			4D.4	(4L0) 21
P	163	8	165	2	11286			14	12			4E4.*	(4L3) 22
P	165	2	166	1	11287			09	09			4E4.*	23
P	169	9	170	4	11288			05	05			4G4.*	25
P	173	7	174	7	11289			10	10			4E4.8	* (4L0) 27
P	174	7	176	1	11290			14	14			4G4.8	7 (4H48, 4E48) 28
P	176	1	177	5	11291			14	13			4G4.8	7 (4H48, 4E48) 29
P	177	5	178	0	11292			05	05			4H.4	30
P	178	0	179	7	11293			17	17			4E8	±* (4E48±*) 30
P	179	7	181	5	11294			18	18			4E8	±* (4E48±*) 31
P	181	5	183	2	11295			17	10			4E8	±* (4E48±*) 31
P	183	2	184	9	11296			19	17			4E8	±1 (4G4*) 31
P	184	9	186	3	11297			14	14			4G4.*	(4L0) 32
P	186	3	187	7	11298			14	14			4G4.*	(4L0) 32
P	187	7	188	2	11299			05	05			4E4.*	Bx 33
P	188	2	189	5	11300			13	11			4C.8.7	* Bx 34
P	189	5	190	8	11451			13	13			4C.8.7	* 34
P	190	8	193	3	11452			25	25			4C.7.8	* (4E0) Bx 35

end
stony

DDH FAG0113
 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		39		61	BP	Z							
F		63		67	D								
F		30		39	D?								
F		68		72	R								
F		72		88	X								
F		88		106	D								
F				108	D								
F		170		175	D								
F		209		20	G								
F		222		422	GB				99	999			
F		451		456	G								
F		483		496	G								
F		496		527	3GP	3			99	999			
F				542	IG								
F				557	IG								
F				603	IG				99	999			
F		622		630	GX								
F		830		832	D								
F				867	D								
F		877		882	D								
F		908		933	X								
F				1027	BR								
F				133	IF				15	180			
F				152	IF				60	330			
F				178	IF				20	190			
F				195	IF				90	090			
F		542		560	IG				99	999			
F		586		602	IG				99	999			
F				865	IF				15	180			
F				995	X				99	999			

DDH: FAGU113 -- 42 DEGREE PROFILE

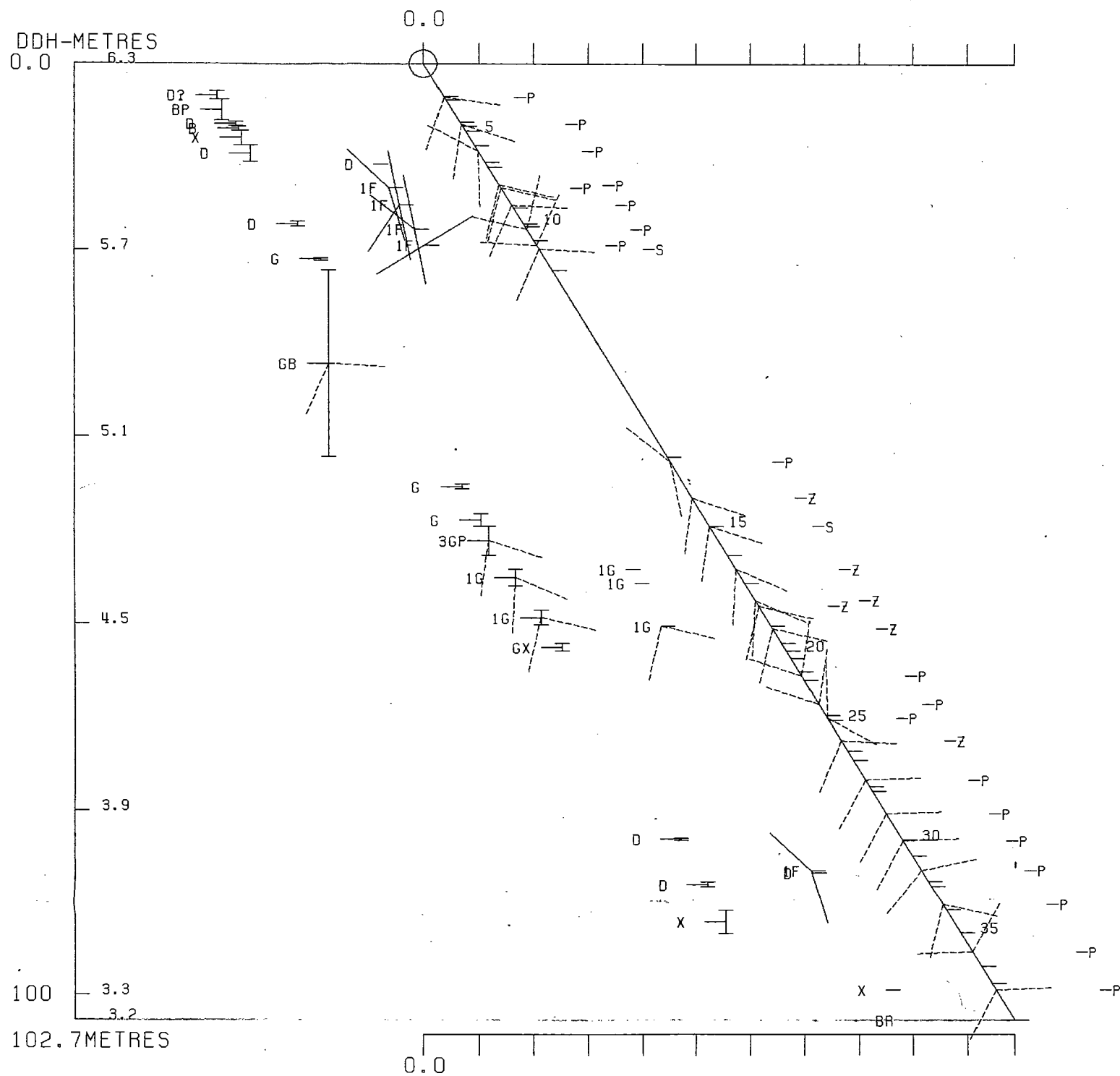
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1146 592428E ; 904961N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 558.9 Z = 1147.2

SECTION NAME: 70W



ELEVATION
ABOVE S.L.

+ 1100 M.



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 2 OCT 1984 11:04 AM

DDH: FAGU113 -- 42 DEGREE PROFILE

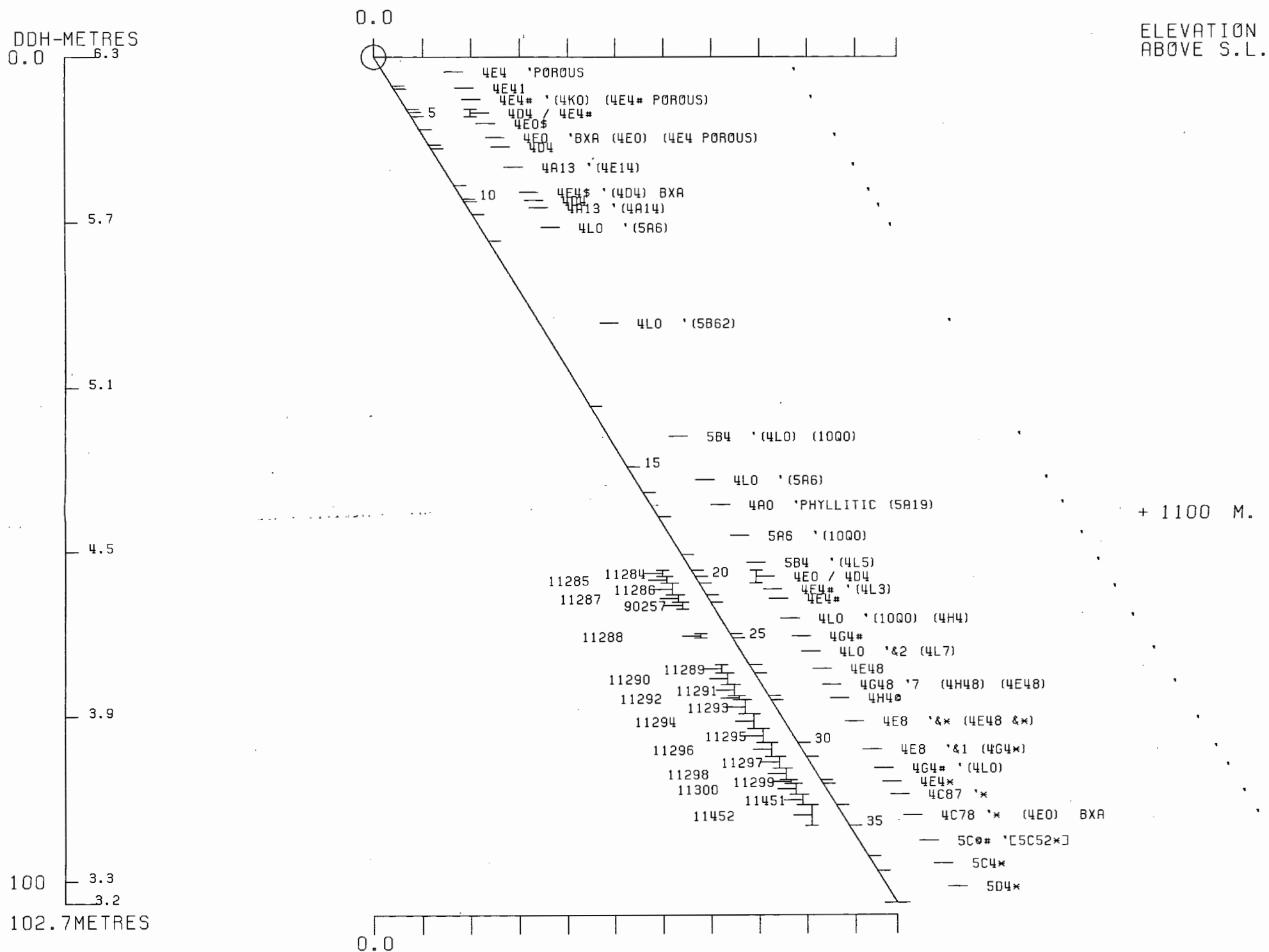
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1146 592428E ; 904961N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 558.9 Z = 1147.2

SECTION NAME: 70W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 OCT 1984 11:06 AM

| FAGU115 |

DRILL HOLE : FAGU115
NORTHING : 904,959.3
EASTING : 592,427.0
ELEVATION : 1,145.4
TOTAL DEPTH : 74.0
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 11
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 21
NOS DOWN-H-STRUCTURE: 15
NOS DOWN-H-FAULTS: 10
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

29MAR84 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 52

DDH: FAGU115 UTM-N: 904,959.3 UTM-E: 592,427.0 UTM-ELEV: 1,145.4 TOTAL DEPTH: 74.0 SECTION: W 70
RFE: S2 RFE DIR: 250 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	155.300	226.000

29MAR84 GRUM

DOWN-HOLE LITHOLOGY (DHC20)

PAGE: 53

DDH: FAGU115 UTM-N: 904,959.3 UTM-E: 592,427.0 UTM-ELEV: 1,145.4 TOTAL DEPTH: 74.0 SECTION: W 70
 RFE: S2 RFF DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
5.5	OC01	404	(4E4)	0.5-	1
6.9	OC02	4E4		0.5-	1
13.7	OC03	4E4	BXA	0.5-	1
15.5	0004	404		0.5-	1
19.1	OC05	4E4	(4E4K) (4045)	0.5-	1
22.2	0006	4A0		0.5-	1
22.9	OC07	4L2		0.5-	1
23.7	OC08	504*		0.5-	1
24.6	OC09	4L42		0.5-	1
27.0	OC10	4A0		0.5-	1
30.2	OC11	4A4		0.5-	1
31.3	OC12	1000		0.5-	1
32.7	OC13	4LC	(504\$)	0.5-	1
33.3	OC14	5861	9	0.5-	1
35.3	OC15	586		0.5-	1
37.1	OC16	586	(5862) (1000)	0.5-	1
42.1	OC17	4LC	(4L2)	0.5-	1
42.3	OC18	586		0.5-	1
71.0	OC19	586		0.5-	1
71.6	OC20	586		0.5-	1
74.0	OC21	4A0		0.5-	1

29MAR84 GRUM

DOWN-HOLE STRUCTURE (DHO20)

PAGE: 54

DDH: FAGU115 UTM-N: 904,959.3 UTM-E: 592,427.0 UTM-ELEV: 1,145.4 TOTAL DEPTH: 74.0 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE CDE	DHDC	SDC	PROCESS			
FAGU115	0.0	2.4	PS2	P	0	0	U	0	50	230	C	1	1	1
FAGU115	0.0	10.6	PS2	P	0	0	0	C	30	230	C	1	1	1
FAGU115	0.0	16.2	PS2	P	0	0	0	C	45	230	C	1	1	1
FAGU115	0.0	18.0	PS2	P	0	0	0	C	35	230	C	1	1	1
FAGU115	0.0	20.7	CS2	S	0	0	0	C	55	230	0	1	1	1
FAGU115	0.0	23.4	CS2	Z	0	0	0	C	50	230	C	1	1	1
FAGU115	0.0	24.7	CS2	Z	0	0	0	C	55	230	0	1	1	1
FAGU115	0.0	26.0	CS2	Z	0	0	0	C	60	230	0	1	1	1
FAGU115	0.0	28.7	PS2	P	0	0	0	C	0	230	C	1	1	1
FAGU115	0.0	32.9	CS2	Z	0	0	0	C	65	230	0	1	1	1
FAGU115	0.0	36.1	CS2	Z	0	0	0	C	50	230	C	1	1	1
FAGU115	0.0	38.6	CS2	S	0	0	0	C	65	230	C	1	1	1
FAGU115	0.0	41.6	CS2	S	0	0	0	C	45	230	C	1	1	1
FAGU115	0.0	41.9	CS2	S	0	0	0	C	30	230	0	1	1	1
FAGU115	0.0	71.2	CS2	Z	0	0	0	C	55	230	C	1	1	1

DDH: FAGU115 UTM-N: 904,959.3 UTM-E: 592,427.0 UTM-ELEV: 1,145.4 TOTAL DEPTH: 74.0 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD		
FAGU115	4.6	6.9	BGB	2			C	0	C	0	0	1
FAGU115	6.9	10.2	D				C	0	C	0	0	1
FAGU115	30.2	31.3	PQ	0			0	0	C	0	0	1
FAGU115	0.0	32.3	X				0	0	C	0	0	1
FAGU115	0.0	32.7	G				0	0	C	0	0	1
FAGU115	31.3	32.7	P	2			0	0	C	0	0	1
FAGU115	33.3	35.3	GFB				45	300	C	35	80	1
FAGU115	42.1	42.3	X				C	0	C	0	0	1
FAGU115	42.3	71.0	3FG				40	0	C	0	0	1
FAGU115	71.6	74.0	P				0	0	C	0	0	1

29MAR84 GRUM

DOWN-HOLE SPLINES (DHD20)

PAGE: 56

DDH: FAGU115 UTM-N: 904,959.3 UTM-E: 592,427.0 UTM-ELEV: 1,145.4 TOTAL DEPTH: 74.0 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS CCND INDICATOR

FAGU115 1 1

DIAMOND DRILL CORE LOG

Date: 26 AUG 81

Hole Number: FAGU 115

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: 70W

Claim: _____

~~Terr. Plane~~

Co-ords.: 6904959.43 N

592426.9 E

Grid Co-ords: - 7.0

Elevation: 1145.4

Total Depth: 74.0 m

Purpose: GRUM U/G

Reason hole Terminated: -

Logged by: DSJ - JGS

Date(s) Logged: _____

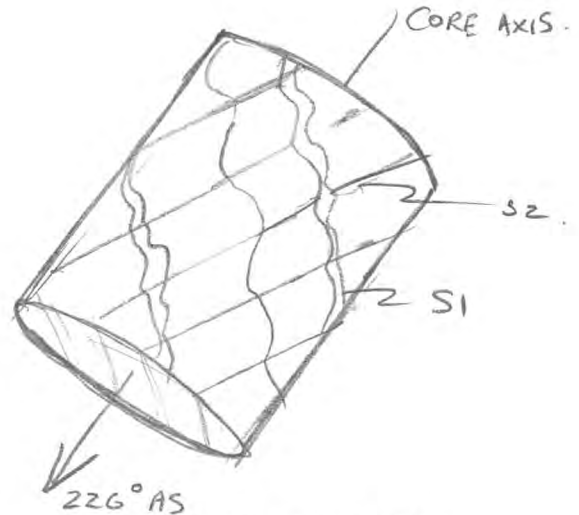
Drilling Contractor: CM

Size	CORE From	To	Collar Cased and Capped: _____
<u>NQ</u>	<u>0</u>	<u>74.0</u>	
_____	_____	_____	
_____	_____	_____	

Hole Cemented: _____

Steel down hole: _____

Started: 18 JUL 76 Completed: 19 JUL 76



All symmetry determinations looking

MW with S2 dipping

SW with dip azimuth 230.

Conversion of K-A surveyed grid co-ords

DDH F.A.G.U.L.L.S
₂ ₈

Diamond Drill Core Log Date: 26 AUG 81 / Logged By: DSJ JGS

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	F.A.G.U.L.L.S	1414.5	149049.59	1459242.6	METRES	52

3 *7.0*
North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2	8 10	14 22	26 28	32 34
R	F.A.G.U.L.L.S	00	115.5	224.0	A.T. COLLAR

226.0 for True North

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

DDH FAG4115
2 8

Cyprus Anvil Mining Corp.

Page 3 of 5

Lithologic Log

Date: 26 AUG 81 Logged By: DSJ - JGS

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	10	0	15	5					101	41D141	(4E4) Red heavy ophthalite v. H.G.
L	15	5	16	9					102	4E14	Bkn Core Gauge 0.4 - m core rec. 4.6 - 6.9
L	16	9	113	7					103	4E141	6.9 - 10.2 Δ Breccia ore.
L	113	7	115	5					104	41D141	
L	115	5	119	1					105	4E14	(4E4K) 4054 18.6 - 18.9 [or 4A4]
L	119	1	122	2					106	41A101	
L	122	2	122	9					107	4L21	
L	122	9	123	7					108	51D141*	finch. 72% Dol
L	123	7	124	6					109	41L1412	
L	124	6	127	0					110	41A101	
L	127	0	130	2					111	41A14	
L	130	2	131	3					112	101Q101	0.1 REC QU ? FAULT
L	131	3	132	7					113	4L101	(5D4*) Dol Brecciated 32.3 - 3 Gouge 32.7 - REC 0.4
L	132	7	133	3					114	51B161 9	
L	133	3	135	3					115	51B161	CLAY GOUGE Cont d/3341/c 45°/300 FAULT ZONE
L	135	3	137	1					116	51B161 (1000) (5B62)	1/c 35.5 35°/80. 1090 Bkn Core 3 Gouge.
L	137	1	142	1					117	41L101	(4L2) 40.4 - 41.0 = 1090.
L	142	1	142	3					118	51B161	TECT BRECCIA
L	142	3	171	0					119	51B161	DOL LK. DETACHMENT N. FAULT. NB
											U/C 40°/0 RES 1152 46.6 - 481 int 4A0
											? in place? 49.6 - 51.2 4L24,
											51.2 - 54.2 5B60; 55.7 - 56.5 5B6,
											58.8 - 60.3 1090; 60.3 - 62.3 5B6.
											And Banded by CLAY GOUGE ZONES
											To 63.3 - 69.4 5B6, 69.4 - 71.0 4E4 (4L24)
L	171	0	171	6						51B161	GOOD CORE
L	171	6	174	0						41A101	ONLY nominal recovery < 1 m
											END of HOLE

Structural Log

Date: 26 Aug 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				24				R					50	2310			
S				106				R					30	230			
S				102				R					45	2310			
S				186				R					35	2310			
S				207	CS2	S							55	2310			
S				234	CS2	Z							50	2310			
S				247	CS2	Z							55	2310			
S				260	CS2	Z							60	2310			
S				287	PS12								00	2310	prob. post-D ₂ fold hinge		
															28.5 - 30.0M		
S				329	CS2	Z							65	2310			
S				361	CS2	Z							50	2310	D region 36.5 - 38.0M		
S				386	CS2	S							65	2310			
S				416	CS2	S							45	2310			
S				419	CS2	S							30	2310			
S	423			710	FLT										Doalt Lake Detachment		
S				712	CS2	Z							55	2310			

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		12	0			13	8		1112	27		3	8	11	7			14	10	14							
P		13	8			15	5		1112	49		11	7	11	1			14	10	14							
P		15	5			18	5		1112	50		13	0	10	6			14	1	14							
P		18	5			19	7		1111	24		12	7	11	5			14	1	14							
P		11	0	7		11	3	7	1111	25		13	0	11	2			14	1	14							
P		11	3	7		11	5	5	1111	26		11	8	10	7			14	10	14							
P		11	5	5		11	7	6	1111	27		12	1	12	0			14	1	14							
P		11	7	6		11	9	1	1111	28		11	5	11	4			14	1	14							
P		11	9	1		12	2	2	1111	29		13	1	11	3			14	1	14							
P		12	4	6		12	7	0	1111	30		12	4	12	4			14	1	14							
P		12	7	0		13	0	2	1111	31		13	2	12	0			14	1	14							
																											END OF HOLE @ 74.0

DDH: FAGU115 -- 42 DEGREE PROFILE

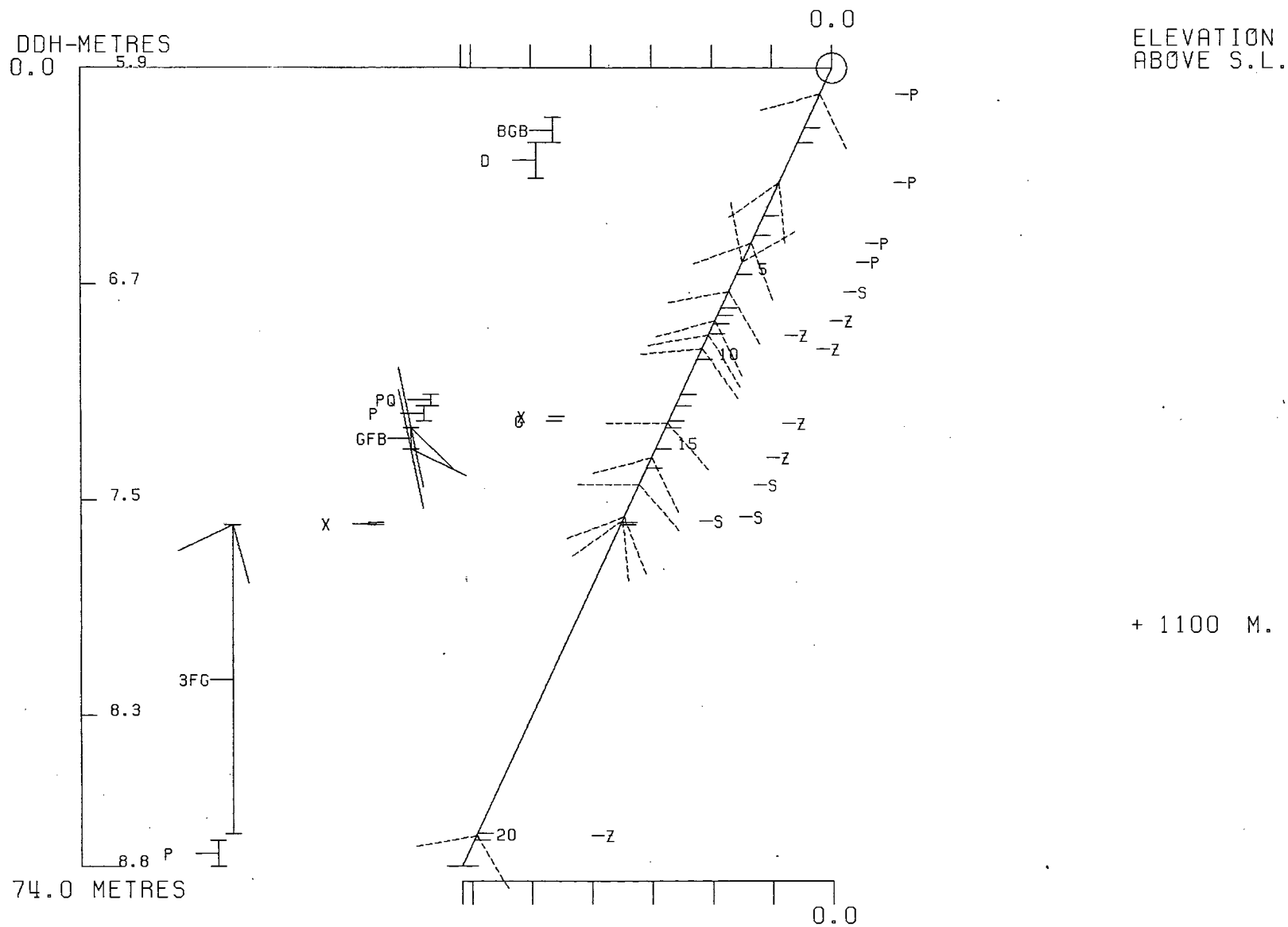
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1145 592427E ; 904959N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 556.8 Z = 1146.6

SECTION NAME: 70W



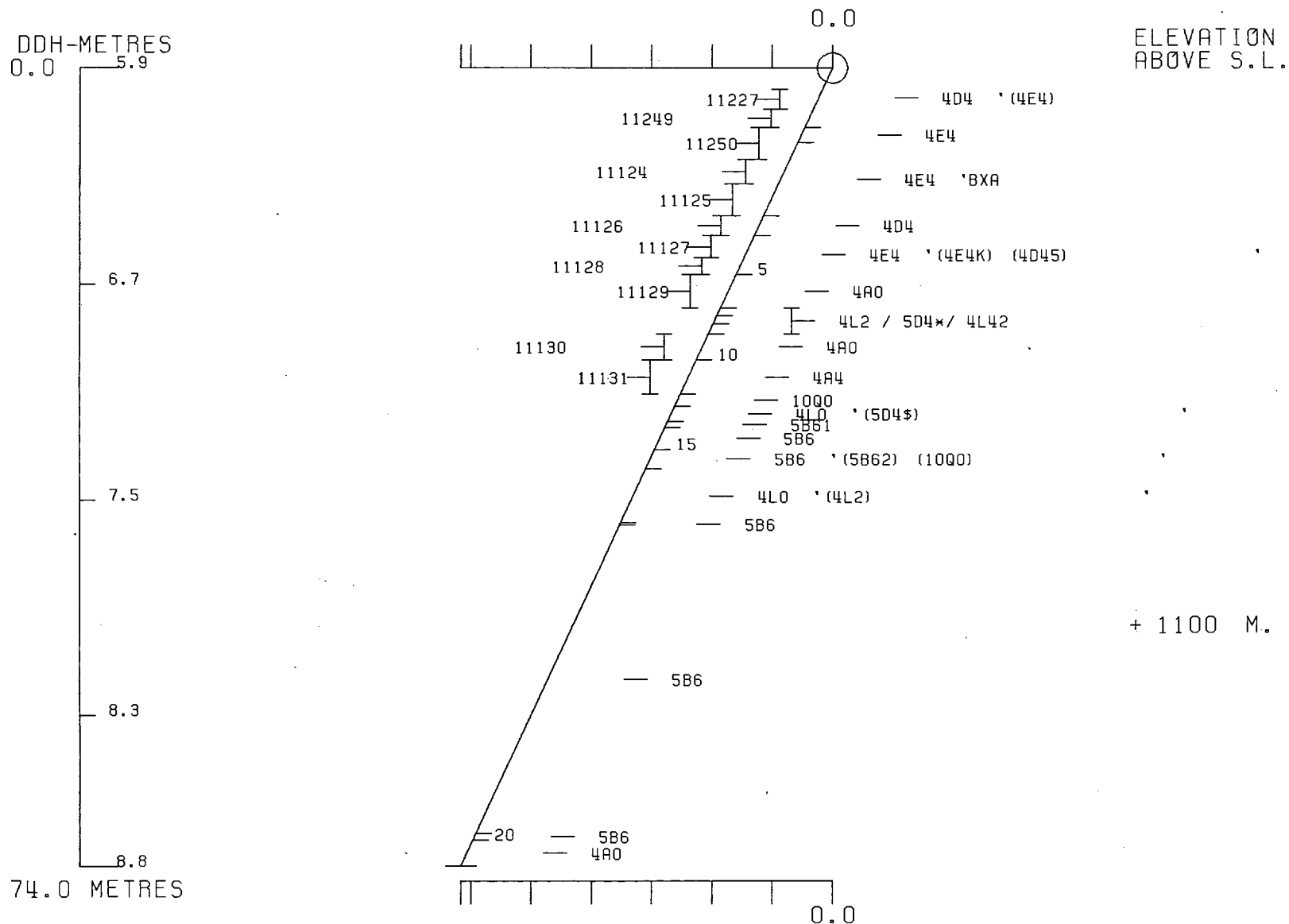
DDH: FAGU115 -- 42 DEGREE PROFILE (VIEW AZIMUTH = 312 DEGREES)

ELEV:1145 592427E ; 904959N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 556.8 Z = 1146.6

SECTION NAME: 70W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 OCT 1984 11:10 AM



FAGU119

DRILL HOLE : FAGU119
NORTHING : 904,864.0
EASTING : 592,347.5
ELEVATION : 1,150.0
TOTAL DEPTH : 103.6
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 14
NOS DOWN-H-SURVEYS: 2
NOS DOWN-H-LITHOLOGY: 43
NOS DOWN-H-STRUCTURE: 20
NOS DOWN-H-FAULTS: 7
NOS DOWN-H-SPLINES: 2
NOS COMPOSITES: 0

QDH: FAGU119 UTM-N: 904,884.0 UTM-E: 592,347.5 UTM-ELEV: 1,150.0 TOTAL DEPTH: 103.6 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD 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					S.G. W.R.				
FROM	TO											AU(FA) G/MT	PO %	PY %	TOT FE	BAO %		HG %	MN %	AS %	BA %
.0	4.6	11020	4.6	1.7	4GE4	4.84	.13	6.00	12.00	114.00	118.00	1.30	2	18	21						
4.6	6.1	11021	1.5	1.4	4GE4	5.38	.11	4.80	8.30	91.00		1.10		15	16						
6.1	7.6	11022	1.5	1.3	4GE4	4.94	.11	4.70	9.20	91.00		.62	1	16	17						
7.6	8.6	11023	1.0	1.0	4GE4	4.84	.17	5.40	9.80	96.00		.89	1	16	13						
57.9	59.4	11024	1.5	1.5	4D5	4.11	.28	2.90	4.30	50.00		1.51	2	21	24						
59.4	60.7	11025	1.3	1.2	4A0	4.23	.22	.10	.41	15.00		1.03	2	18	20						
60.7	62.7	11026	2.0	2.0	4EDA	4.63	.20	7.20	11.30	120.00		1.85	2	16	18						
62.7	64.7	11027	2.0	2.0	4A0	4.21	.27	2.40	3.00	43.00		1.23	1	21	23						
64.7	66.8	11028	2.1	2.1	4C0	3.61	.16	2.50	3.20	46.00		1.37	2	18	21						
66.8	68.8	11029	2.0	2.0	4C0	4.66	.28	1.13	.64	31.00		1.71	2	20	23						
68.8	70.9	11030	2.1	2.0	4C0	3.60	.17	.23	1.70	16.00	15.00	1.30	3	20	23						
70.9	73.4	11031	2.5	2.5	4ALC	3.49	.46	.14	.67	16.00		.69	2	19	22						
73.4	75.1	11032	1.7	1.7	4C0	3.40	.32	.18	.74	17.00		.96	2	17	19						
75.1	76.2	11033	1.1	.8	4DA4	3.66	.13	5.80	7.40	81.00		1.99	2	15	18						

WEIGHTED AVERAGE

.0	8.6		8.6	5.4		4.95	.12	5.49	10.61	103.88	63.11	1.09	1	17	19						
57.9	76.2		18.3	17.8		3.95	.25	2.11	3.18	42.11	1.72	1.32	2	19	21						

DDH: FAGU119 UTM-N: 904,864.0 UTM-E: 592,347.5 UTM-ELEV: 1,150.0 TOTAL DEPTH: 103.6 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
103.600	178.000	54.000

DDH: FAGU119 UTM-N: 904,864.0 UTM-E: 592,347.5 UTM-ELEV: 1,150.0 TOTAL DEPTH: 103.6 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 GS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
8.6	0001	4G4	(4E4) POROUS	0.5-	1
10.7	0002	5B62	(5A)	0.5-	1
21.8	0003	5B0	8#	0.5-	1
22.0	0004	5B0		0.5-	1
36.2	0005	5B3		0.5-	1
41.8	0006	5B03		0.5-	1
43.6	0007	5B6		0.5-	1
46.3	0008	4LC	(4H2) MINOR	0.5-	1
48.0	0009	5B62		0.5-	1
49.1	0010	4LC		0.5-	1
51.2	0011	5B62		0.5-	1
51.4	0012	4LC		0.5-	1
52.0	0013	TA9	-> 5A0	0.5-	1
55.3	0014	4LC	(4H2) MINOR	0.5-	1
57.9	0015	5B62		0.5-	1
58.4	0016	4D45	[4A4]	0.5-	1
59.4	0017	4CC		0.5-	1
60.7	0018	4A0	(4A0 PHYLLITIC)	0.5-	1
62.7	0019	4E4	(4E4) (4A4)	0.5-	1
64.7	0020	4AC		0.5-	1
65.5	0021	4CC		0.5-	1
66.8	0022	4CC		0.5-	1
70.9	0023	4CC		0.5-	1
71.2	0024	4LC		0.5-	1
71.4	0025	4CC		0.5-	1
73.4	0026	4A0	(4A0 PHYLLITIC)	0.5-	1
75.1	0027	4C0		0.5-	1
76.2	0028	4D4	(4A4)	0.5-	1
76.5	0029	5AC		0.5-	1
77.4	0030	5A0		0.5-	1
77.7	0031	5B6		0.5-	1
77.9	0032	5B62		0.5-	1
78.4	0033	5AC		0.5-	1
82.2	0034	5B62		0.5-	1
82.3	0035	5B62		0.5-	1
85.3	0036	5B6		0.5-	1
86.6	0037	5B6		0.5-	1
91.9	0038	5B62		0.5-	1
92.3	0039	4LC		0.5-	1
97.3	0040	5B62	(1000)	0.5-	1
102.2	0041	5B03		0.5-	1
103.0	0042	5B0		0.5-	1
103.6	0043	5B0		0.5-	1

DCR: FAGU119 UTM-N: 904,864.0 UTM-E: 592,347.5 UTM-ELEV: 1,150.0 TOTAL DEPTH: 103.6 SECTION: W 70
 RFE: S2 PFE DIR: 230 PLUNGE ANGLES: 11 312 DHDC CALC: 1 SS CALC: 1

DCR	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGU119	0.0	11.2	CS2	S	0	0	0	0	60	230	C		1	1	1
FAGU119	0.0	19.5	CS2	S	0	0	0	0	80	230	C		1	1	1
FAGU119	0.0	25.1	CS2	S	0	0	0	0	70	230	C		1	1	1
FAGU119	0.0	31.0	CS2	S	0	0	0	0	80	230	C		1	1	1
FAGU119	0.0	35.9	CS2	S	0	0	0	0	65	230	C		1	1	1
FAGU119	0.0	40.0	CS2	S	0	0	0	0	75	230	C		1	1	1
FAGU119	0.0	43.0	CS2	Z	0	0	0	0	65	230	C		1	1	1
FAGU119	0.0	47.2	CS2	Z	0	0	0	0	80	230	C		1	1	1
FAGU119	0.0	48.8	CS2	S	0	0	0	0	75	230	C		1	1	1
FAGU119	0.0	55.7	CS2	S	0	0	0	0	75	230	C		1	1	1
FAGU119	0.0	61.0	PS2	P	0	0	0	0	75	230	C		1	1	1
FAGU119	0.0	65.7	PS2	P	0	0	0	0	65	230	C		1	1	1
FAGU119	0.0	72.1	PS2	P	0	0	0	0	70	230	C		1	1	1
FAGU119	0.0	75.5	PS2	P	0	0	0	0	70	230	C		1	1	1
FAGU119	0.0	80.1	CS2	Z	0	0	0	0	75	230	C		1	1	1
FAGU119	0.0	81.3	CS2	Z	0	0	0	0	70	230	C		1	1	1
FAGU119	0.0	88.5	CS2	Z	0	0	0	0	40	230	C		1	1	1
FAGU119	0.0	93.9	CS2	Z	0	0	0	0	45	230	C		1	1	1
FAGU119	0.0	98.1	CS2	Z	0	0	0	0	55	230	C		1	1	1
FAGU119	0.0	102.1	CS2	Z	0	0	0	0	65	230	C		1	1	1

DDH: FAGU119 UTM-N: 904,864.0 UTM-E: 592,347.5 UTM-ELEV: 1,150.0 TOTAL DEPTH: 103.6 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGU119	8.6	10.7	G				99	999	C	C	0	0	1
FAGU119	21.8	22.0	G				99	999	0	C	99	999	1
FAGU119	76.5	77.4	G				0	0	C	C	0	0	1
FAGU119	77.7	77.9	GB				65	180	99	999	0	0	1
FAGU119	82.2	82.3	G				45	0	0	C	0	0	1
FAGU119	85.3	86.6	BG				0	0	C	C	0	0	1
FAGU119	102.2	103.0	BG				0	0	0	C	0	0	1

DYNAR24 GRUN

COAM-PILE BFLINLS (DH020)

PAGE: 14

DDH: FAGU119 UTM-N: 904,264.0 UTM-E: 592,347.5 UTM-ELEV: 1,150.0 TOTAL DEPTH: 103.0 SECTION: W 70
RFS: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU119	1	2
FAGU119	2	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU 119

Fabric Orientation Diagram:
c.a. (-90°/180°)

Project: Grum Releg

Location: Section 70W

Claim: _____

UTM
Terr. Plane

*Conversion
JK-A summary
grid co-ords*

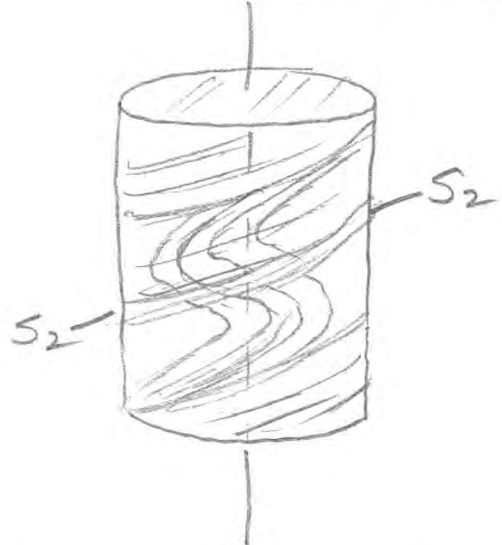
Co-ords.: 6904864.0 N

592347.5 E

Grid
Co-ords.: 70W

2N

Elevation: 1149.99



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Total Depth: 103.6M

Purpose: Definition Drilling

Logged by: DST/JGS

Date(s) Logged: 24 Aug. 81

Drilling Contractor: Cameron McCutcheon Core: Size From To Collar Cased and Capped: No

BQ 0 103.6

Started: 18 July 76 Completed: 19 July 76

Lithologic Log

Date: 24 AUG 81 Logged By: PST JGS

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L		10	0		18	6				101	41G41	(4E4) POR
L		18	6		10	7				102	51B162	(5A) GOUGE u/c H52 L.C. indit
L		10	7		21	8				103	51B19	Fe. mg. carb. whly d'evl
L		21	8		22	0				104	51B101	GOUGE u/c 9 L/C H52
L		22	0		36	2				105	51B19	very calc
L		36	2		41	8				106	51B19	Fe. Mg Carb.
L		41	8		43	6				107	51B161	
L		43	6		46	8				108	41L101	4A2 band 46.3 to 46.5
L		46	8		48	0				109	51B162	
L		48	0		49	1				110	41L101	
L		49	1		51	2				111	51B162	
L		51	2		51	4				112	41L101	
L		51	4		52	0				113	51A91	Whly calc → 5A0
L		52	0		55	3				114	41L101	4A2 bands 53.4 - 54.2
L		55	3		57	9				115	51B162	
L		57	9		58	4				116	41D141	[4A4] high grade with graph bands
L		58	4		59	4				117	41C101	
L		59	4		60	7				118	41A101	(4A0 phyll)
L		60	7		62	7				119	41E141	(4A4)(4A4) 4E4 band in 4A.
L		62	7		64	7				120	41A19	
L		64	7		65	5				121	41C101	
L		65	5		66	8				122	41D101	
L		66	8		70	9				123	41C101	
L		70	9		71	2				124	41L101	
L		71	2		71	4				125	41C101	
L		71	4		73	4				126	41A101	(4A PHYLL)
L		73	4		75	1				127	41C101	
L		75	1		76	2				128	41D141	(4A4)
L		76	2		76	5				129	51A101	
L		76	5		77	4				130	51A101	GOUGE MIL/ATT
L		77	4		77	7				131	51B161	
L		77	7		77	9				132	51B162	GOUGE BHM CORE u/c 65°/180 L/C ind. int 11 S2
L		77	9		78	4				133	51A19	↑ internal gouge
L		78	4		82	2				134	51B162	
L		82	2		82	3				135	51B162	GOUGE u/c 45/0 L/C 11 S2 ? ARTIF
L		82	3		85	3				136	51B161	artifact

DDH FAGU119
2 8

Cyprus Anvil Mining Corp.
Structural Log

Page 5 of 6

Date: 24 AUG 81 Logged By: DST/JGS

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂		Description
	10	14	16	20				Dip	Direct	
S				118	C/S ₂ S			610	2310	
S				119	C/S ₂ S			810	2310	
S				125	C/S ₂ S			710	2310	19-44 Dam Dip F ₂
S				131	C/S ₂ S			810	2310	
S				135	C/S ₂ S			615	2310	
S				140	C/S ₂ S			715	2310	Pool D ₂ S ₂ 45/050
S				143	C/S ₂ Z			615	2310	
S				147	C/S ₂ Z			80	2310	
S				148	C/S ₂ S			715	2310	
S				155	C/S ₂ S			715	2310	
S				161		R		715	2310	
S				165		R		615	2310	
S				172		R		710	2310	
S				175		R		710	2310	
S				180	C/S ₂ Z			715	2310	
S				181	C/S ₂ Z			710	2310	
S				188	C/S ₂ Z			40	2310	
S				193	C/S ₂ Z			415	2310	
S				198	C/S ₂ Z			515	2310	
S				1102	C/S ₂ Z			615	2310	

ASSAY LOG (SAMPLER'S COPY)

Date 24 AUG 81 Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)		UNIT	DESCRIPTION		
	10	14	16	20			22	26			28	30
P		100		146	111020	146		117	14G141	} LOCATED LOST BOX RE-ASSAY.		
P		146		161	111021	115		114	14G141			
P		161		176	111022	115		113	14G141			
P		176		186	111023	110		110	14G141			
P		1579		1594	111024	115		115	14D1C1			
P		1594		1610	111025	115		112	14A101			
P		1610		1627	111026	120		120	14E141			
P		1627		1647	111027	120		120	14A101			
P		1647		1668	111028	121		121	14C101			
P		1668		1688	111029	120		120	14C101			
P		1688		1709	111030	121		120	14C101			
P		1709		1734	111031	125		126	14A101	420 420		
P		1734		1751	111032	117		117	14C101			
P		1751		1762	111033	111		108	14D141			

DDH: FAGU119 -- 42 DEGREE PROFILE

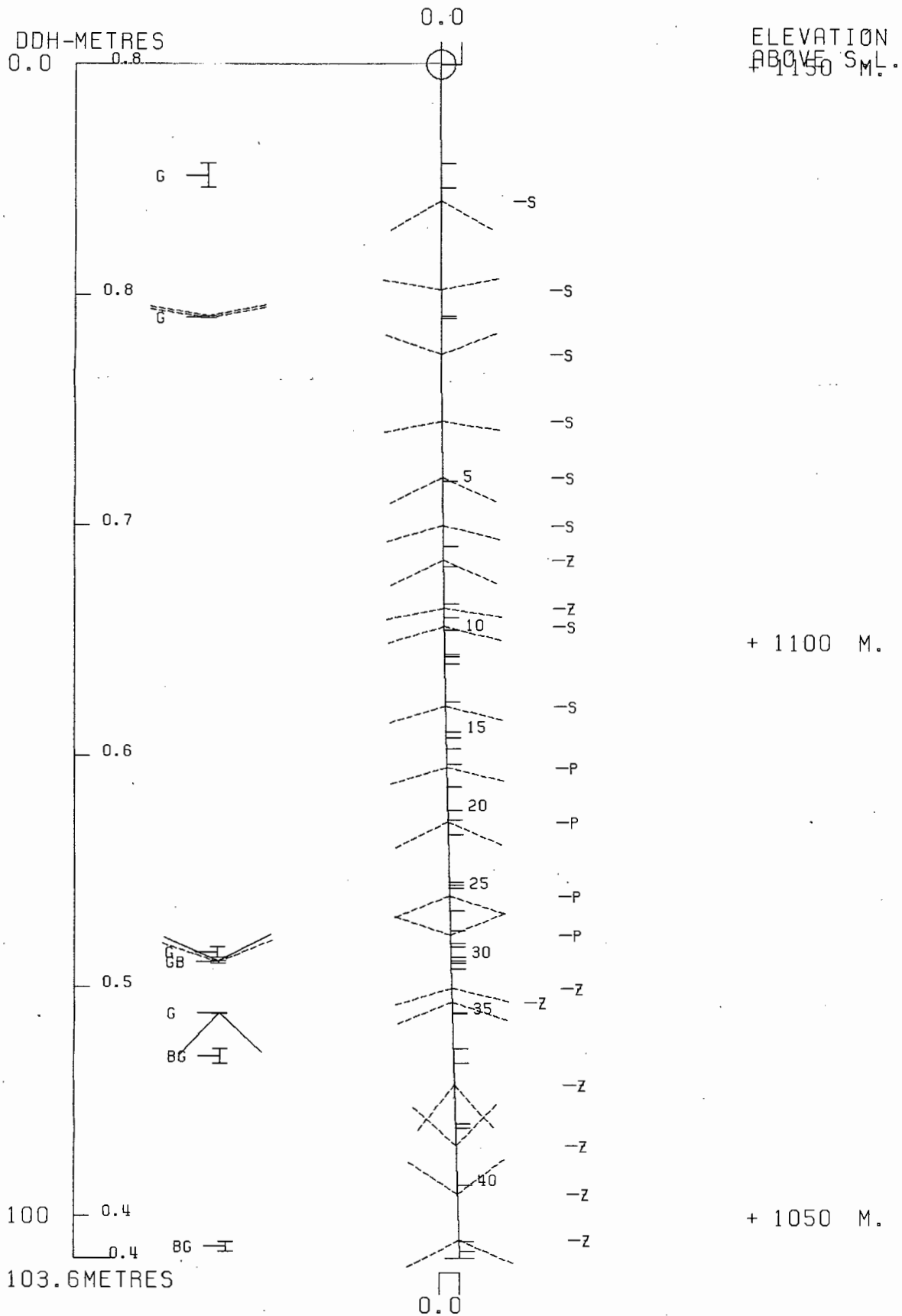
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1150 592348E ; 904864N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 432.8 Z = 1150.1

SECTION NAME: 70W



DDH: FAGU119 -- 42 DEGREE PROFILE

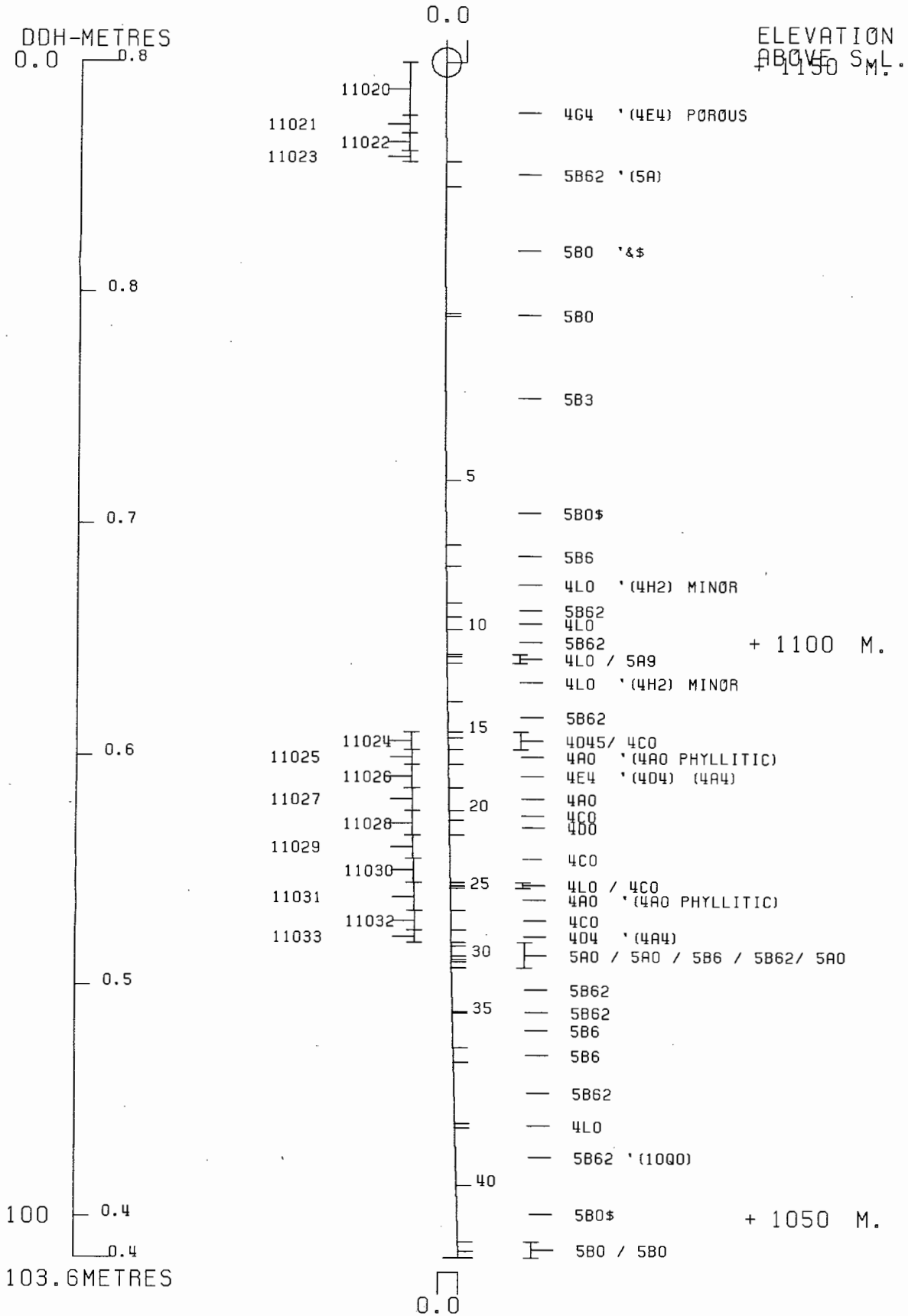
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1150 592348E ; 904864N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 432.8 Z = 1150.1

SECTION NAME: 70W



FAGU121

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

DETAIL RECORD COUNTS:

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

DJH: FAGU121 UTM-N: 904,863.0 UTM-E: 592,346.6 UTM-ELEV: 1,150.0 TOTAL DEPTH: 65.5 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC 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					BAC %	HG %	MN %	AS %	BA %	S.G. W.R.
FROM	TO											PO %	PY %	TCT FE								
.0	2.7	11121	2.7	.5	4EGC	4.28	.02	2.90	5.40	62.00		.75	1	25	26							
30.5	32.0	9C258	1.5	.0	4CO			.38	.78		9.90											
37.8	40.5	9C259	2.7	.0	4LC			.28	.50		8.20											
40.5	42.5	11122	2.0	2.0	4A0	3.57	.06	1.44	1.60	27.00		.27	1	3	4							
42.5	44.6	11123	2.1	2.1	4A0	3.56	.06	1.16	1.95	23.00		.34	1	3	5							

WEIGHTED AVERAGE

.0	2.7		2.7	.5		4.28	.02	2.90	5.40	62.00		.75	1	25	26							
30.5	32.0		1.5	.0				.38	.78		9.90											
37.8	44.6		6.8	4.1		2.14	.03	.89	1.27	15.04	3.25	.18		2	2							

24 AREA GRUP

CUMM-HOLE SURVEYS (DHD300)

PAGE: 17

DDH: FAGU121 UTM-N: 904,003.0 UTM-E: 592,346.6 UTM-ELEV: 1,150.0 TOTAL DEPTH: 65.3 SECTION: W 70
PFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	150.000	224.000

DDH: FAGU121 UTM-N: 904,363.0 UTM-E: 592,346.6 UTM-ELEV: 1,150.0 TOTAL DEPTH: 65.5 SECTION: W 70
 RFE: 32 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.1	0CC1	4E4			
2.3	0CC2	4GC		0.5-	1
2.6	0CC3	4CC		0.5-	1
2.7	0CC4	4LC		0.5-	1
2.9	0CC5	5B23		0.5-	1
3.2	0CC6	4LC		0.5-	1
4.1	0CC7	4AC		0.5-	1
4.3	0CC8	4L2		0.5-	1
5.2	0CC9	5AC		0.5-	1
5.5	0C10	5AC		0.5-	1
6.0	0C11	5A0		0.5-	1
6.2	0C12	4LC		0.5-	1
6.4	0C13	5AC		0.5-	1
6.7	0C14	4LC	[504*]	0.5-	1
7.4	0C15	5AC		0.5-	1
7.5	0C16	4LC	[504*]	0.5-	1
10.1	0C17	5A0	(5B62)	0.5-	1
18.2	0C18	5BC6	\$	0.5-	1
19.1	0C19	5B63	\$ MAY BE 2	0.5-	1
21.4	0C20	5B03		0.5-	1
21.6	0C21	5BC3		0.5-	1
22.6	0C22	5BC3		0.5-	1
24.1	0C23	5B3		0.5-	1
30.5	0C24	5BC2	\$	0.5-	1
32.0	0C25	4CC	SERICITIC	0.5-	1
33.1	0C26	4LC		0.5-	1
37.5	0C27	5BC2	\$	0.5-	1
37.9	0C28	4L53		0.5-	1
38.7	0C29	4CC	SERICITIC	0.5-	1
39.2	0C30	4LC		0.5-	1
40.2	0C31	4CC	SERICITIC	0.5-	1
40.3	0C32	4LC		0.5-	1
40.5	0C33	4L2	[4CC SERICITIC]	0.5-	1
44.6	0C34	4AC		0.5-	1
45.6	0C35	4CC	SERICITIC (4L2)	0.5-	1
45.7	0C36	5B6		0.5-	1
46.1	0C37	4A0		0.5-	1
47.2	0C38	4LC		0.5-	1
47.6	0C39	4CA	4C -> 4A	0.5-	1
49.1	0C40	4L2	(4L0)	0.5-	1
52.8	0C41	5A19	-> 4A0	0.5-	1
56.8	0C42	5BC2	\$	0.5-	1
65.5	0C43	5B3		0.5-	1

DDH: FAGU121 UTM-N: 904,863.0 UTM-E: 592,346.6 UTM-ELEV: 1,150.0 TOTAL DEPTH: 65.5 SECTION: W 70
 RFE: 32 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

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

2-MAR84 GRON

DOWN-HOLE FAULTS (DHD20)

PAGE: 20

DWH: FAGU121 UTM-N: 904,963.0 UTM-E: 592,346.6 UTM-ELEV: 1,150.0 TOTAL DEPTH: 65.5 SECTION: W 70
 RFE: 32 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

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

BYMAR24 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 21

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

DDH SEGMENT NOS COND INDICATOR

FAGU121 1 1

CYPRUS ANVIL MINING CORPORATION

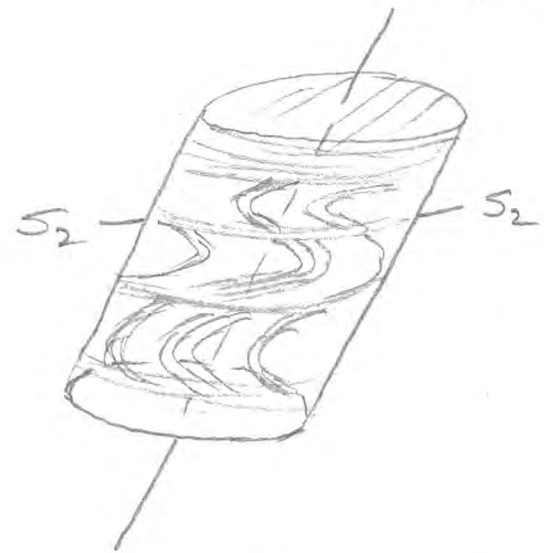
DIAMOND DRILL CORE LOG

Hole Number: FAGU 121

Fabric Orientation Diagram: c.a. (-60°)

Project: Grum Releg

Location: Section 70W



Claim: _____

UTM
Terr. Plane
Co-ords.: 6904863.0 N

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

592346.4 E

Grid
Co-ords.: 70W

2N

Elevation: 1149.99

All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Total Depth: 65.5

Purpose: Definition Drilling

Logged by: DSJ / JGS

Date(s) Logged: 24 Aug. 81

Drilling
Contractor: Cameron/McCutcheon

Core:	Size	From	To	Collar Cased and Capped:
	<u>BQ</u>	<u>0</u>	<u>65.5</u>	<u>NQ</u>
	_____	_____	_____	
	_____	_____	_____	

Started: 20 July 76 Completed: 21 July 76

Lithologic Log

Date: 24 AUG 81 Logged By: DSJ - JGS

Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	
L	10	0	12	10	1	101	41E41					POOR REC. < 1m REC
L	12	1	12	3		102	41G0					
L	12	3	12	6		103	41G9					
L	12	6	12	7		104	41L0					
L	12	7	12	9		105	51B23					
L	12	9	13	2		106	41L0					
L	13	2	14	1		107	41A0					
L	14	1	14	3		108	41L2					
L	14	3	15	2		109	51A0					slightly calc
L	15	2	15	5		110	51A0					GOUGE M14ATT
L	15	5	16	0		111	51A0					sl. calc. broken core
L	16	0	16	2		112	41L0					
L	16	2	16	4		113	51A0					
L	16	4	16	7		114	41L0					sharp contacts No fusch at py
L	16	7	17	4		115	51A9					
L	17	3	17	5		116	41L0					sharp contacts No fusch at py
L	17	5	12	10		117	51A0					(5B62) 9.5-10.1
L	12	10	12	18		118	51B06					Fe Mg.
L	12	18	12	19		119	51B16					Fe Mg Gouge Blk Core. u/c 35°/320 LC/30/220
L	12	19	12	14		120	51B0					Fe Mg.
L	12	14	12	16		121	51B0					Fe Mg Gouge u/c 70°/0 LC 11S2 TECT.
L	12	16	12	28		122	51B0					Fe Mg
L	12	28	12	41		123	51B3					Very calc.
L	12	41	13	0		124	51B02					Fe Mg.
L	13	0	13	20		125	41G0					Phyll 15% Py.
L	13	20	13	31		126	41L0					
L	13	31	13	7		127	51B02					Fe Mg.
L	13	7	13	7		128	41L5					DOL.
L	13	7	13	8		129	41C0					Phyll
L	13	8	13	9		130	41L0					
L	13	9	14	0		131	41G0					PHYLL 35% Py
L	14	0	14	0		132	41L0					
L	14	0	14	0		133	41L2					[4CO PHYLc]
L	14	0	14	4		134	41A0					
L	14	4	14	5		135	41C0					PHYLL (4L2) 44.9-45.2.
L	14	5	14	5		136	51B6					GOUGE o/c 11S2 TECT SLICKS 230 → 40 SW. <u>THRUST</u>

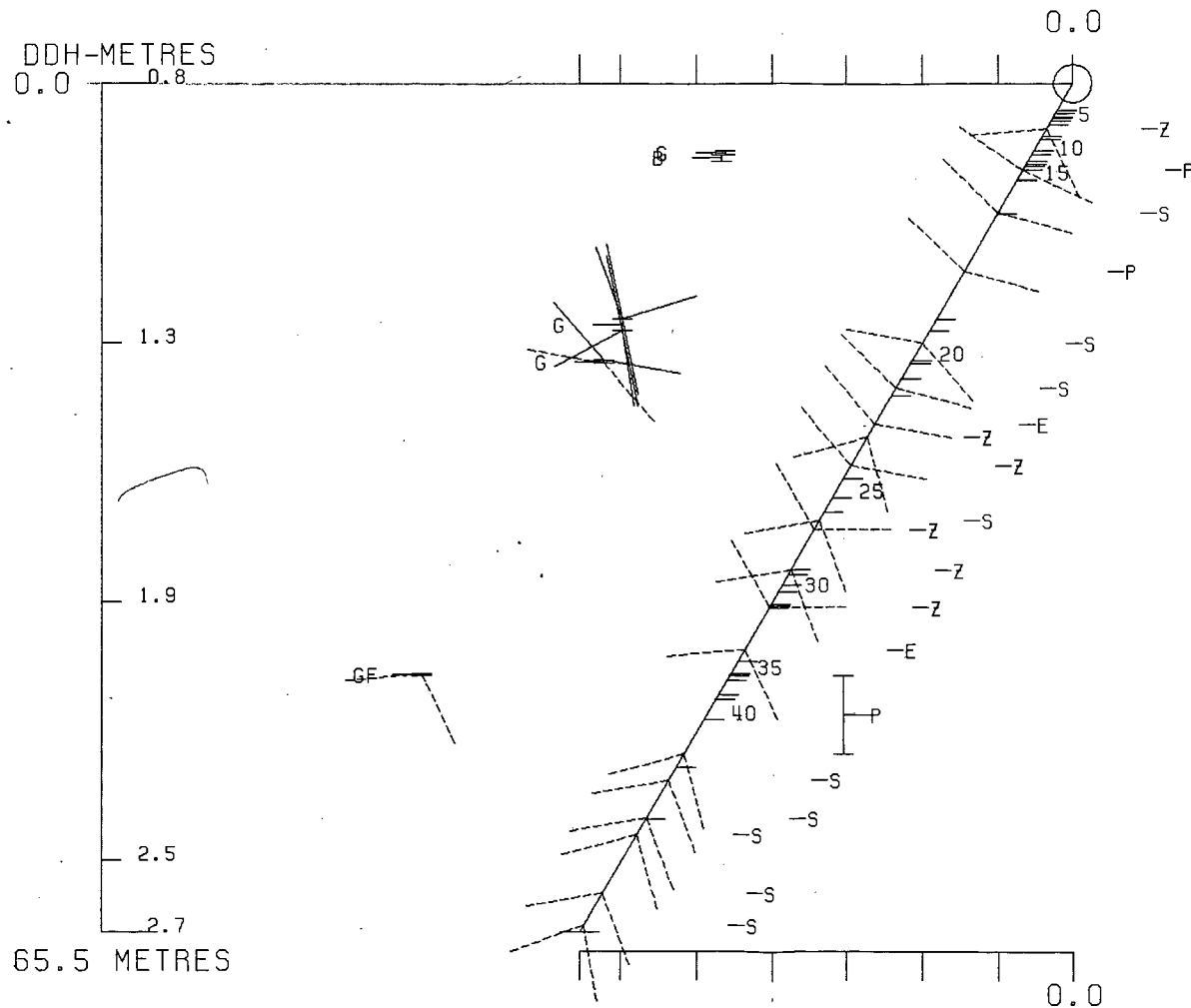
DDH: FAGU121 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1150 592347E ; 904863N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 431.4 Z = 1150.1

SECTION NAME: 70W



ELEVATION
ABOVE S.M.L.
1150 M.L.

+ 1100 M.

DDH: FAGU121 -- 42 DEGREE PROFILE

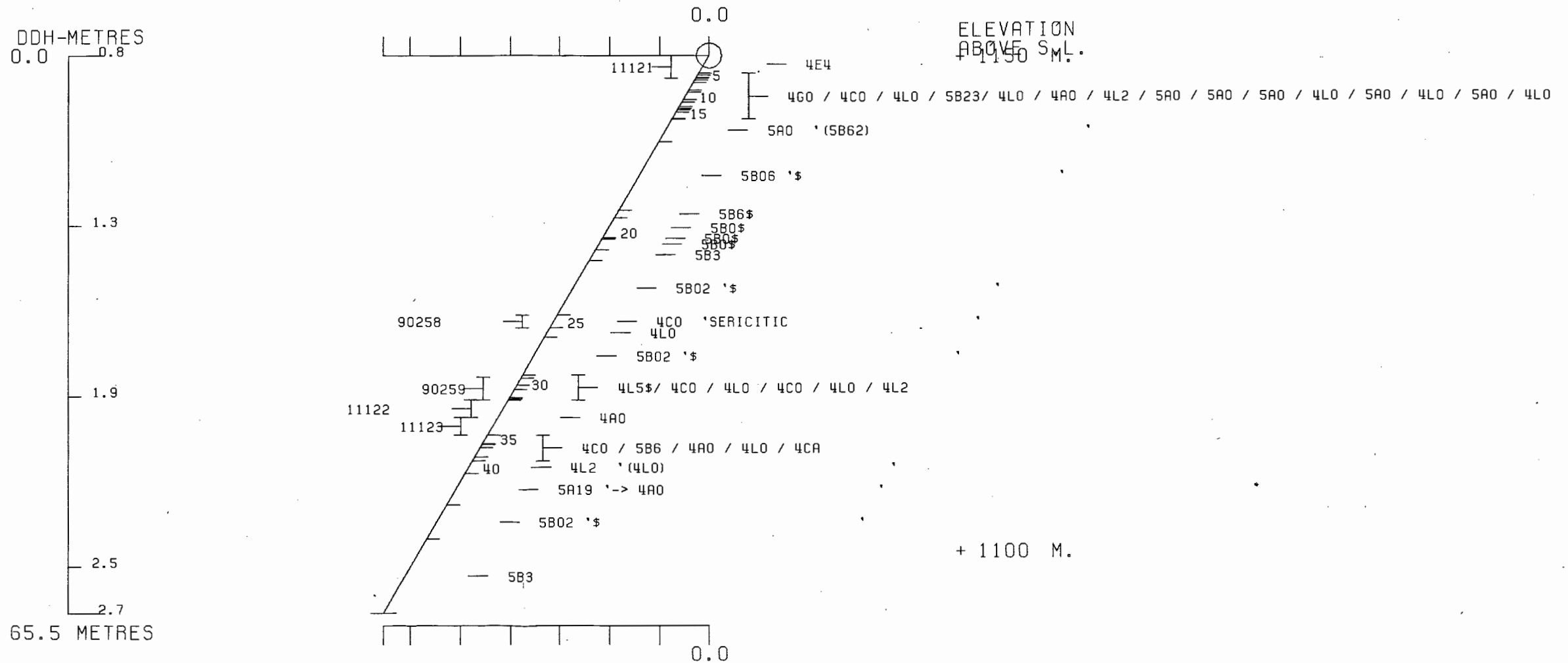
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1150 592347E ; 904863N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 431.4 Z = 1150.1

SECTION NAME: 70W



FAGU123

DRILL HOLE : FAGU123
NORTHING : 904,865.9
EASTING : 592,349.5
ELEVATION : 1,150.0
TOTAL DEPTH : 118.9
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 44
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 64
NOS DOWN-H-STRUCTURE: 20
NOS DOWN-H-FAULTS: 16
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU123 UTM-N: 204,865.9 UTM-E: 592,349.5 UTM-ELEV: 1,150.0 TOTAL DEPTH: 118.9 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT. REC.	POCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	---ASSAYS---							S.G. W.R.			
FROM	TO										AL(FA) G/MT	PO %	PY %	TCT FE	BAO %	HG %	MN %		AS %	BA %	
.0	2.9	09914	2.9	2.0	4E4	4.56	.23	3.50	8.00	81.00		1.71	2	32	34						
2.9	4.9	09915	2.0	1.8	4GE4	4.67	.07	3.90	8.80	82.00		1.10		10	11						
4.9	6.4	09916	1.5	1.5	4GE4	4.60	.10	3.50	7.60	62.00		.82		13	14						
6.4	8.4	09917	2.0	2.0	4GE4	4.63	.17	5.60	8.80	94.00		1.03	1	23	24						
8.4	10.4	09918	2.0	2.0	4GE4	4.69	.08	2.70	6.40	60.00		.69	1	20	21						
10.4	12.4	09919	2.0	1.6	4GE4	4.56	.02	1.70	6.20	38.00		.34		8	8						
12.4	14.4	09920	2.0	2.0	4GE4	4.51	.08	2.00	6.50	55.00		.62		19	20						
14.4	16.8	09921	2.4	2.4	4GE4	4.70	.10	3.00	6.90	58.00		.55		17	18						
16.8	18.1	09922	1.3	1.3	4GE4	4.60	.18	4.50	8.50	96.00		.62	1	24	26						
18.1	20.3	09923	2.2	2.2	4A0	3.34	.10	1.29	1.59	32.00		.27	1	12	13						
20.3	22.9	09924	2.6	2.6	4AL	3.51	.07	1.84	1.84	39.00		.14	6	11	17						
22.9	24.4	09925	1.5	1.5	4E4	4.53	.19	4.30	5.00	107.00		.62	1	31	33						
24.4	25.8	09926	1.4	1.4	4EL	4.13	.06	3.00	3.10	61.00		1.37	2	27	29						
31.0	33.5	09927	2.5	2.5	4E46	4.63	.09	4.70	8.20	80.00	83.00	1.10		23	23						
33.5	34.3	09928	.8	.7	4GL	3.62	.04	1.71	4.10	32.00		.27	7	9	17						
45.7	47.9	09929	2.2	2.2	4D45	2.95	.06	10.90	20.20	182.00		2.19	3	7	10						
47.9	50.4	09930	2.5	2.5	4D4	3.87	.07	10.30	21.10	155.00	150.00	1.92	2	12	15						
50.4	51.8	09931	1.4	1.4	4DEK	4.04	.08	5.80	11.60	79.00		1.51	2	21	23						
51.8	54.2	09932	2.4	2.4	4ED	4.64	.18	4.90	9.80	88.00		2.19	2	32	35						
54.2	56.2	09933	2.0	2.0	4A0	3.20	.10	.38	1.01	20.00		.62	1	13	15						
56.2	58.2	09934	2.0	2.0	4A0	3.10	.09	.17	.24	19.00		1.10	1	12	13						
58.2	60.2	09935	2.0	1.8	4A0	3.19	.12	.14	.70	13.00		.62	1	14	16						
60.2	62.2	09936	2.0	2.0	4A0	3.30	.13	.32	.80	18.00		.62	1	16	18						
62.2	64.4	09937	2.2	2.2	4A4	3.43	.16	1.81	3.80	42.00		1.17	1	18	19						
64.4	66.0	09938	1.6	1.6	4EA4	3.54	.17	4.50	6.60	65.00		1.65	2	15	17						
66.0	68.0	09939	2.0	2.0	4A0	3.34	.11	.79	1.27	24.00		.75	1	17	19						
68.0	70.0	09940	2.0	2.0	4A0	3.42	.16	.59	1.06	17.00		.82	1	20	22						
70.0	72.0	09941	2.0	2.0	4A0		.22	.14	.64	11.00											
72.0	74.0	09942	2.0	2.0	4A0		.12	.14	.33	7.00											
74.0	76.0	09943	2.0	2.0	4A0		.19	.12	.63	8.00											
76.0	78.0	09944	2.0	2.0	4A0		.23	.12	.43	9.00											
78.0	80.0	09945	2.0	2.0	4A0		.22	.09	.84	7.00											
80.0	81.0	09946	1.0	1.0	4LCE	3.87	.21	1.52	3.20	36.00	35.00	1.78	2	26	29						
81.0	82.0	09947	1.0	1.0	4D4	2.92	.11	4.30	7.90	78.00		1.65	2	16	19						
101.5	102.1	09948	.6	.6	4G#	4.01	.07	3.90	6.30	65.00		.82	1	13	14						
102.1	103.7	09949	1.6	1.6	4EL#	3.98	.10	4.60	5.70	77.00		1.17	1	20	22						
103.7	105.6	09950	1.9	1.9	4E08	4.50	.34	1.87	2.00	33.00		2.40	6	31	38						
105.6	107.0	11001	1.4	1.4	4E46	4.47	.21	4.60	1.68	35.00		1.78	5	32	37						
107.0	108.7	11002	1.7	1.7	4E46	4.46	.16	8.40	4.60	89.00		1.37	9	23	32						
108.7	110.8	11003	2.1	2.1	4E0		.42	.85	.62	20.00											
110.8	112.8	11004	2.0	2.0	4CE0		.35	.24	.14	15.00											
112.8	114.8	11005	2.0	2.0	4CE0		.43	.25	.18	18.00											
114.8	116.8	11006	2.0	2.0	4CE0		.32	.18	.15	17.00											
116.8	118.9	11007	2.1	2.1	4CE0		.19	1.08	2.40	24.00											
WEIGHTED AVERAGE																					
.0	25.8		25.8	24.3		4.37	.11	3.04	6.03	64.63		.76	1	19	21						

3XN438- GR0M

ORE SAMPLES & ASSAYS (DHD20)

PAGE: 24

DDH: FAGU123 UTM-N: 904,065.9 UTM-E: 592,349.5 UTM-ELEV: 1,150.0 TOTAL DEPTH: 116.9 SECTION: W 70
 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 %	PE %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TCT FE	SAO %	HG %	MN %	AS %	BA %
31.0	34.3		3.3	3.2	4.38	.07	3.97	7.20	68.36	62.87	.89	2	19	22					
45.7	82.0		36.3	36.1	2.53	.14	2.55	5.03	47.55	11.29	.95	1	12	14					
101.5	113.9		17.4	17.4	1.79	.28	2.26	1.98	35.49		.67	2	10	12					

DDH: FAGU123 UTM-N: 904,865.0 UTM-E: 592,349.5 UTM-ELEV: 1,150.0 TOTAL DEPTH: 118.9 SECTION: W 70
RFE: S2 RFE DIF: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	135.000	44.000

DDH: FAGU123 UTM-N: 904,235.9 UTM-E: 592,349.5 UTM-ELEV: 1,150.0 TOTAL DEPTH: 118.9 SECTION: W 70
 RFE: 52 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.9	0001	4E4	POROUS	0.5-	1
7.8	0002	4G4	(4E4)	0.5-	1
8.4	0003	4E4	BXA	0.5-	1
16.0	0004	4G4	(4E4)	0.5-	1
16.8	0005	4E4	BXA	0.5-	1
17.1	0006	4G4	BXA	0.5-	1
18.1	0007	4E4	BXA	0.5-	1
20.3	0008	4AC		0.5-	1
20.9	0009	4L47		0.5-	1
21.6	0010	4AC		0.5-	1
22.9	0011	4L2		0.5-	1
24.4	0012	4E4		0.5-	1
24.7	0013	4L2	(1000)	0.5-	1
25.8	0014	4E4		0.5-	1
26.2	0015	5B6		0.5-	1
27.4	0016	4L2	(1000)	0.5-	1
29.5	0017	5B64		0.5-	1
31.0	0018	4L2	(1000)	0.5-	1
33.5	0019	4E46		0.5-	1
33.8	0020	4LC		0.5-	1
34.3	0021	4G4		0.5-	1
34.5	0022	4L2		0.5-	1
38.3	0023	5B62		0.5-	1
39.0	0024	4LC	(4L2)	0.5-	1
42.8	0025	5B62		0.5-	1
43.5	0026	4L24		0.5-	1
45.7	0027	5B62		0.5-	1
47.9	0028	4C45	[4A4]	0.5-	1
50.4	0029	4D4		0.5-	1
50.7	0030	4L24	(5D4a)	0.5-	1
51.1	0031	4D4		0.5-	1
51.5	0032	4E4		0.5-	1
51.8	0033	4K4		0.5-	1
53.9	0034	4E4	BXA	0.5-	1
54.2	0035	4D4		0.5-	1
64.4	0036	4A0	BXA	0.5-	1
64.8	0037	4E4		0.5-	1
80.0	0038	4AC	BXA	0.5-	1
80.6	0039	4EC	BXA	0.5-	1
80.8	0040	4LC	(4E0)	0.5-	1
81.0	0041	4CC		0.5-	1
82.0	0042	4D4		0.5-	1
82.3	0043	5B26		0.5-	1
82.5	0044	4L2		0.5-	1
85.1	0045	5B6	(5B26)	0.5-	1
85.2	0046	5B6		0.5-	1
88.6	0047	5B6	(5B62)	0.5-	1
88.7	0048	5B6		0.5-	1
89.8	0049	5B6		0.5-	1
89.9	0050	5B6		0.5-	1
91.4	0051	5B6		0.5-	1

WDH: FAGU123 UTM-N: 904,965.9 UTM-E: 592,349.5 UTM-ELEV: 1,150.0 TOTAL DEPTH: 118.9 SECTION: W 70
 RFE: 32 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
91.6	OC52	5B6			
93.2	OC53	5B6		0.5-	1
94.7	OC54	5B6	(4L2)	0.5-	1
95.0	OC55	4CC		0.5-	1
97.5	OC56	4CC	BXA	0.5-	1
101.5	OC57	5B6	(4CO)	0.5-	1
102.1	OC58	4G4#		0.5-	1
102.6	OC59	4L23		0.5-	1
103.7	OC60	4E4#	PCROUS	0.5-	1
105.6	OC61	4EC8		0.5-	1
108.7	OC62	4E46	8	0.5-	1
110.8	OC63	4EC		0.5-	1
118.9	OC64	4CC	(4E0)	0.5-	1

CDR: FAGU123 UTM-N: 704,865.9 UTM-E: 592,349.5 UTM-ELEV: 1,150.0 TOTAL DEPTH: 116.9 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

UDH	F DEPTH	T DEPTH	FEAT	SYMTRY	.SO	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGU123	0.0	4.3	PS2	P		0	0	0	C		55	230		C		1	1	1
FAGU123	0.0	14.1	PS2	P		0	0	0	C		35	230		C		1	1	1
FAGU123	0.0	21.0	PS2	P		0	0	0	C		40	230		C		1	1	1
FAGU123	0.0	27.5	PS2	P		0	0	0	C		40	230		C		1	1	1
FAGU123	0.0	33.0	PS2	P		0	0	0	C		45	230		C		1	1	1
FAGU123	0.0	39.5	CS2	Z		0	0	0	C		80	230		C		1	1	1
FAGU123	0.0	44.3	CS2	Z		0	0	0	C		65	230		C		1	1	1
FAGU123	0.0	50.0	PS2	P		0	0	0	C		40	230		C		1	1	1
FAGU123	0.0	54.7	PS2	P		0	0	0	C		50	230		C		1	1	1
FAGU123	0.0	61.0	PS2	P		0	0	0	C		55	230		C		1	1	1
FAGU123	0.0	65.0	CS2			0	0	0	C		40	230		C		1	1	1
FAGU123	0.0	81.2	PS2	P		0	0	0	C		50	230		C		1	1	1
FAGU123	0.0	82.0	CS2	Z		0	0	0	C		40	230		C		1	1	1
FAGU123	0.0	85.6	PS2			0	0	0	C		70	230		C		1	1	1
FAGU123	0.0	87.5	CS2	Z		0	0	0	C		50	230		C		1	1	1
FAGU123	0.0	90.2	CS2	Z		0	0	0	C		75	230		C		1	1	1
FAGU123	0.0	102.4	PS2	P		0	0	0	C		40	230		C		1	1	1
FAGU123	0.0	106.1	PS2	P		0	0	0	C		60	230		C		1	1	1
FAGU123	0.0	112.7	PS2	P		0	0	0	C		60	230		C		1	1	1
FAGU123	0.0	115.0	PS2	P		0	0	0	C		35	230		C		1	1	1

DDH: FAGU123 UTM-N: 904,865.9 UTM-E: 592,349.5 UTM-ELEV: 1,130.0 TOTAL DEPTH: 118.9 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGU123	7.8	16.0	D				C	C	C	1
FAGU123	16.0	16.1	D				C	C	C	1
FAGU123	29.5	31.0	G				C	C	C	1
FAGU123	51.8	53.9	D				C	C	C	1
FAGU123	54.2	64.4	D				C	C	C	1
FAGU123	64.8	80.6	D				C	C	C	1
FAGU123	80.6	80.8	G				C	C	C	1
FAGU123	82.0	85.1	B				C	C	C	1
FAGU123	85.1	85.2	G				C	C	C	1
FAGU123	88.6	88.7	G				C	C	C	1
FAGU123	89.8	89.9	G				C	C	C	1
FAGU123	91.4	91.8	G				C	C	C	1
FAGU123	93.8	94.7	G				C	C	C	1
FAGU123	94.7	95.0	G				C	C	C	1
FAGU123	95.0	97.5	XGP		4		C	C	C	1
FAGU123	97.5	101.5	GFP		2		C	C	C	1

27 MAR 84 0907

DOWN-HOLE SPLITTING (DHS)

PAGE: 10

DDH: FAGU123 UTM-N: 904,865.9 UTM-E: 592,349.5 UTM-ELEV: 1,150.0 TOTAL DEPTH: 118.9 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS CONC INDICATOR

FAGU123 1 1

DIAMOND DRILL CORE LOG

Date: 23 AUG 81

Hole Number: FAGU 123

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: 70 W

Claim: _____

U.T.M
Terr. Plane

Co-ords.: 6904865.9 N

592349.5 E

Grid
Co-ords: _____

Elevation: 1150.0

Total Depth: 118.9

Purpose: GRUM U/G.

Reason hole
Terminated: _____

Logged by: DST-JGS

Date(s) Logged: 23 AUG

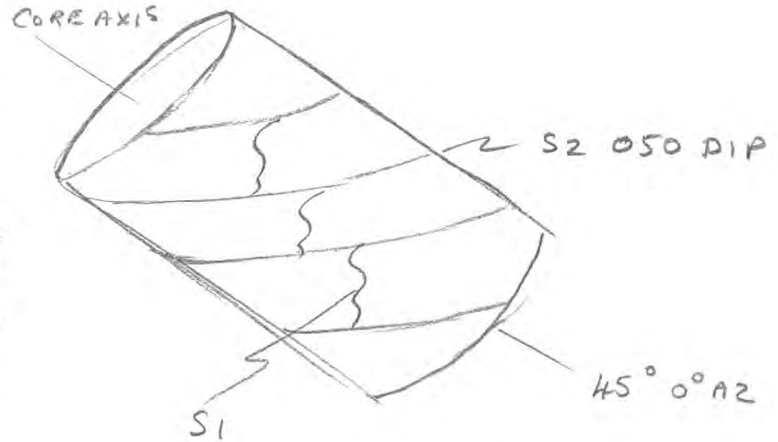
Drilling
Contractor: CM.

Size	CORE From	To	Collar Cased and Capped: _____
<u>BQ</u>	<u>0</u>	<u>118.9</u>	

Hole
Cemented: _____

Steel down
hole: _____

Started: 21 JUL 76 Completed: 24 JUL 76



All symmetry determinations looking

NW with S2 dipping

NE with dip azimuth 050.

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

DDH FAGU123
2 8

Cyprus Anvil Mining Corp.

Page 3 of 7

Lithologic Log

Date: 22 AUG 81 Logged By: DSJ & JGS

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
L		100		129		101	41E14	POR.		
L		129		178		102	41G14	(4E4)		
L		178		184		103	41E14	PART A BRECCIA		
L		184		1160		104	41G14	(4E4) Wkly Brecciated.		
L		1160		1168		105	41E14	Brecc A		
L		1168		1171		106	41G14	Brecc A		
L		1171		1181		107	41E14	Brecc A		
L		1181		1203		108	41A9			
L		1203		1209		109	41L14	9		
L		1209		1216		110	41A10			
L		1216		1229		111	41L12			
L		1229		1244		112	41E14			
L		1244		1247		113	41L12	+ 1000 SW veins		
L		1247		1258		114	41E14			
L		1258		1262		115	51B16			
L		1262		1274		116	41L12	+ 1000 SW veins		
L		1274		1295		117	51B16	14		
L		1295		1310		118	41L12	Gauge INCLIP minus 1000 v.		
L		1310		1335		119	41E14	6		
L		1335		1338		120	41L10			
L		1338		1343		121	41G14			
L		1343		1345		122	41L12			
L		1345		1383		123	51B16	2 CARB WHIPS STRIPES		
L		1385		1390		124	41L10	(422)		
L		1390		1428		125	51B16	2		
L		1428		1435		126	41L12	4		
L		1435		1457		127	51B16	2		
L		1457		1479		128	41A4	[4A4] CARB + PHYLL BANDS		
L		1479		1504		129	41O14			
L		1504		1507		130	41L12	4 (5134* ANK) minus fush.		
L		1507		1511		131	41O14			
L		1511		1515		132	41E14			
L		1515		1518		133	41K14			
L		1518		1539		134	41E14	A Breccia ore		
L		1539		1542		135	41D14			
L		1542		1644		136	41A0	A Breccia ore		

DDH FAG4.1.2.3 Cyprus Anvil Mining CorpPage 6 of 7Logged by DSJ JOS

ASSAY LOG (SAMPLER'S COPY)

Date 23 AUG 81

Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION	
	1	10	14	16	20	22	26	28	30	32	34	36		40
P		10	0		12	9	11	4	2	9	12	0	14E4	
P		12	9		14	9	11	5	2	0	11	8	14G4	
P		14	9		16	4	9	11	6	1	5	15	14G4	
P		16	4		18	4	9	11	7	2	0	20	14G4	4E4
P		18	4		20	4	9	11	8	2	0	20	14G4	
P		20	4		22	4	9	11	9	2	0	16	14G4	
P		22	4		24	4	9	11	20	2	0	20	14G4	
P		24	4		26	8	9	11	21	2	4	24	14G4	4E4
P		26	8		28	1	9	11	22	1	3	13	14G4	4E4
P		28	1		30	3	9	11	23	2	2	22	14A0	
P		30	3		32	9	9	11	24	2	6	26	14A0	4L2
P		32	9		34	4	9	11	25	1	5	15	14E4	
P		34	4		36	8	9	11	26	1	4	14	14E4	
P		36	8		38	5	9	11	27	2	5	25	14E4	
P		38	5		40	3	9	11	28	10	8	07	14G4	4L2
P		40	3		42	7	9	11	29	12	2	22	14D4	4A4
P		42	7		44	4	9	11	30	12	5	25	14D4	4C4
P		44	4		46	8	9	11	31	11	4	14	14D4	4K4 4E4
P		46	8		48	2	9	11	32	12	4	24	14E4	
P		48	2		50	2	9	11	33	2	0	20	14A0	
P		50	2		52	2	9	11	34	2	0	20	14A0	
P		52	2		54	2	9	11	35	2	0	18	14A0	
P		54	2		56	2	9	11	36	2	0	20	14A0	
P		56	2		58	2	9	11	37	2	2	22	14A0	
P		58	2		60	2	9	11	38	1	6	16	14E4	4A0
P		60	2		62	0	9	11	39	2	0	20	14A0	
P		62	0		64	0	9	11	40	2	0	20	14A0	
P		64	0		66	0	9	11	41	2	0	20	14A0	
P		66	0		68	0	9	11	42	2	0	20	14A0	
P		68	0		70	0	9	11	43	2	0	20	14A0	
P		70	0		72	0	9	11	44	2	0	20	14A0	
P		72	0		74	0	9	11	45	2	0	20	14A0	
P		74	0		76	0	9	11	46	2	0	20	14A0	
P		76	0		78	0	9	11	47	2	0	20	14A0	
P		78	0		80	0	9	11	48	2	0	20	14A0	
P		80	0		82	0	9	11	49	2	0	20	14A0	
P		82	0		84	0	9	11	50	1	0	10	14L0	4C0
P		84	0		86	0	9	11	51	1	0	10	14A4	

DIAMOND DRILL RECORD

 LOGGED BY ALEXANDER YOUNG PO

 D.D.H. No 76-U-123 PAGE 1

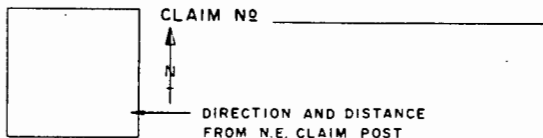
 PROPERTY GRUM JOINT VENTURE

 LATITUDE 10,659.342 ? 70W STARTED JULY 21, 1976

 DEPARTURE 7,653.839 ? 2N COMPLETED JULY 24, 1976

 ELEVATION 1160.614 ? PROPOSED DEPTH 550' - 167.6m
 ULTIMATE DEPTH 118.9m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	044	-45°



TOTAL CORE RECOVERY: 83.8%

Interval		DESCRIPTION	Zn+		Recovery	Sample No	Interval		Sample Length	Assay					Assay x		
From	To		Py	Pb			From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
0	18.3	MASSIVE SULFIDE WITH BARITE IN GROUNDMASS (Mb).	70	8	1.7	3861	0	3.0	3.0	4.25	8.75	80.57			12.75	26.25	241.71
		Competent. Compositional banding = 45-50°. Short porous intervals with voids aligned = 50°.	75	9	1.0	3862	3.0	4.6	1.6	5.26	10.09	89.83			8.416	16.144	143.728
		9.3-9.4: Bleached Phyllite. Buff with green fuchsite.	70	8	1.2	3863	4.6	6.1	1.5	3.88	7.72	70.63			5.82	11.58	105.945
			75	8	1.5	3864	6.1	7.6	1.5	4.98	8.27	91.89			7.47	12.405	137.835
		17-18.3: Bx. Sulfide angular fragments $\phi = 1-2\text{cm}$	75	12	1.0	3865	7.6	9.1	1.5	6.10	9.44	99.77			9.15	14.16	149.655
		cemented by sulfides and some dark materials.	75	7	0.9	3866	9.1	10.7	1.6	2.20	4.80	54.51			3.52	7.68	87.216
		18.3: Sharp clean contact with Graphitic Phyllite	60	6	1.4	3867	10.7	12.2	1.5	2.38	6.50	34.29			3.57	9.75	51.435
		(G) = 75-80°. Partly mineralized (PG).	65	6	1.5	3868	12.2	13.7	1.5	2.85	6.33	54.51			4.275	9.495	8.765
			60	6	1.5	3869	13.7	15.2	1.5	2.38	6.82	39.43			3.57	10.23	59.145
18.3	21.5	GRAPHITIC PHYLLITE, PARTLY MINERALIZED (PG).	70	8	1.5	3870	15.2	16.8	1.6	3.08	6.17	69.60			4.928	9.872	111.36
		Broken blocky core ranging from flakes to 4cm long.	70	9	1.5	3871	16.8	18.3	1.5	4.48	7.45	85.72			6.72	11.175	128.58
		Foliation = 70-75°; F = 0°.	20	10	3.0	3872	18.3	21.3	3.0	2.11	2.13	43.54					
		Po bands and clots.	15	3	1.6	3873	21.3	22.9	1.6	0.10	0.15	2.74					
		18.7: Fold nose.	75	5	1.5	3874	22.9	24.4	1.5	4.50	5.15	92.92			6.75	7.725	139.38
		21.5: Sharp change to Mineralized Bleached Phyllite	70	6	1.5	3875	24.4	25.9	1.5	2.85	2.68	55.54			4.275	4.02	83.31
		(Psb) = 60° marked by bull quartz.				W.Av.	0	18.3	18.3	3.84	7.58	70.95			70.189	138.741	1298.37
						W.Av.	22.9	25.9	3.0	3.67	3.92	75.23			11.025	11.745	222.69
						W.Av.	0	9.1	9.1	4.79	8.85	85.59			43.606	80.539	778.873

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay				Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
45.7	54.0	MASSIVE SULFIDE WITH QUARTZ GROUNDMASS (MQ). 60 15	1.5	3878	45.7	47.2	1.5	10.75	19.60	174.52			16.125	29.4	261.78	
		Competent. Compositional banding = 40-45°. Has some 65 17	1.6	3879	47.2	48.8	1.6	11.06	23.63	185.49			17.696	37.808	296.784	
		graphitic-sericite fragment inclusion (?) - could be 50 15	1.5	3880	48.8	50.3	1.5	9.53	18.75	124.12			14.295	28.125	186.18	
		a short interval = 2cm. 70 15	1.5	3881	50.3	51.8	1.5	4.98	8.82	60.34			7.47	13.23	90.51	
		50.4-50.5: Bleached Phyllite. Broken contact. 75 12	1.4	3882	51.8	53.3	1.5	5.82	9.35	82.63			8.73	14.025	123.945	
		51.0: Change to more pyritic, less quartz/sulfides. 60 15	1.3	3883	53.3	54.9	1.6	4.45	7.98	60.34			7.12	12.768	96.544	
		51.4-51.8: Sulfide Bx. 30 8	0.9	3884	54.9	56.4	1.5	0.09	0.30	15.09			0.39	PbZn		
		54.0: Abrupt change to mineralized graphitic phyllite. 30 7	0.9	3885	56.4	57.9	1.5	0.20	0.15	18.17			0.35	PbZn		
		Contact is clean although the graphitic side show 35 6	1.5	3886	57.9	59.4	1.5	0.08	0.45	9.94			0.53	PbZn		
		well cemented breccia and the MQ doesn't show breccia- 35 10	1.0	3887	59.4	61.0	1.6	0.15	0.60	15.09			0.75	PbZn		
		tion. Contact angle = 65°.														
				W.Av.	45.7	54.9	9.2	7.77	14.71	114.75			71.436	135.36	1055.74	
				W.Av.	54.9	61.0	6.1	0.51	PbZn							
					30 6	1.0	3888	61.0	62.5	1.5	0.35	0.78	15.09	0.525	1.17	22.635
54.0	80.8	MINERALIZED GRAPHITIC PHYLLITE (Pg). Generally com- 35 5	0.8	3889	62.5	64.0	1.5	1.33	1.83	21.26			1.995	2.745	31.89	
		petent despite of the brecciated nature of the run. 40 15	1.2	3890	64.0	65.5	1.5	6.82	9.68	78.86						
		Rounded to sub-rounded mineralized quartz fragments 35 6	1.4	3891	65.5	67.1	1.6	1.00	1.40	20.23			1.60	2.24	32.368	
		cemented by graphite. Fragments range from 2mm to 3cm. 40 6	1.4	3892	67.1	68.6	1.5	0.45	0.70	19.20			0.675	1.05	28.80	
		Sulfides confined within the fragments. Some pressure 35 6	1.5	3893	68.6	70.1	1.5	0.93	1.10	17.14			1.395	1.65	25.71	
		shadows in graphite going around the fragments. Folia 25 6	1.5	3894	70.1	71.6	1.5	0.10	0.33	5.14			0.43	PbZn		
		-tion = 55-60° developed in some short runs. Poss- 30 6	1.4	3895	71.6	73.2	1.6	0.15	0.58	10.97			0.73	PbZn		
		ibly some sulfide powder as part of cementing material. 25 4	1.3	3896	73.2	74.7	1.5	0.08	0.30	7.20			0.38	PbZn		

DDH: FAGU123 -- 42 DEGREE PROFILE

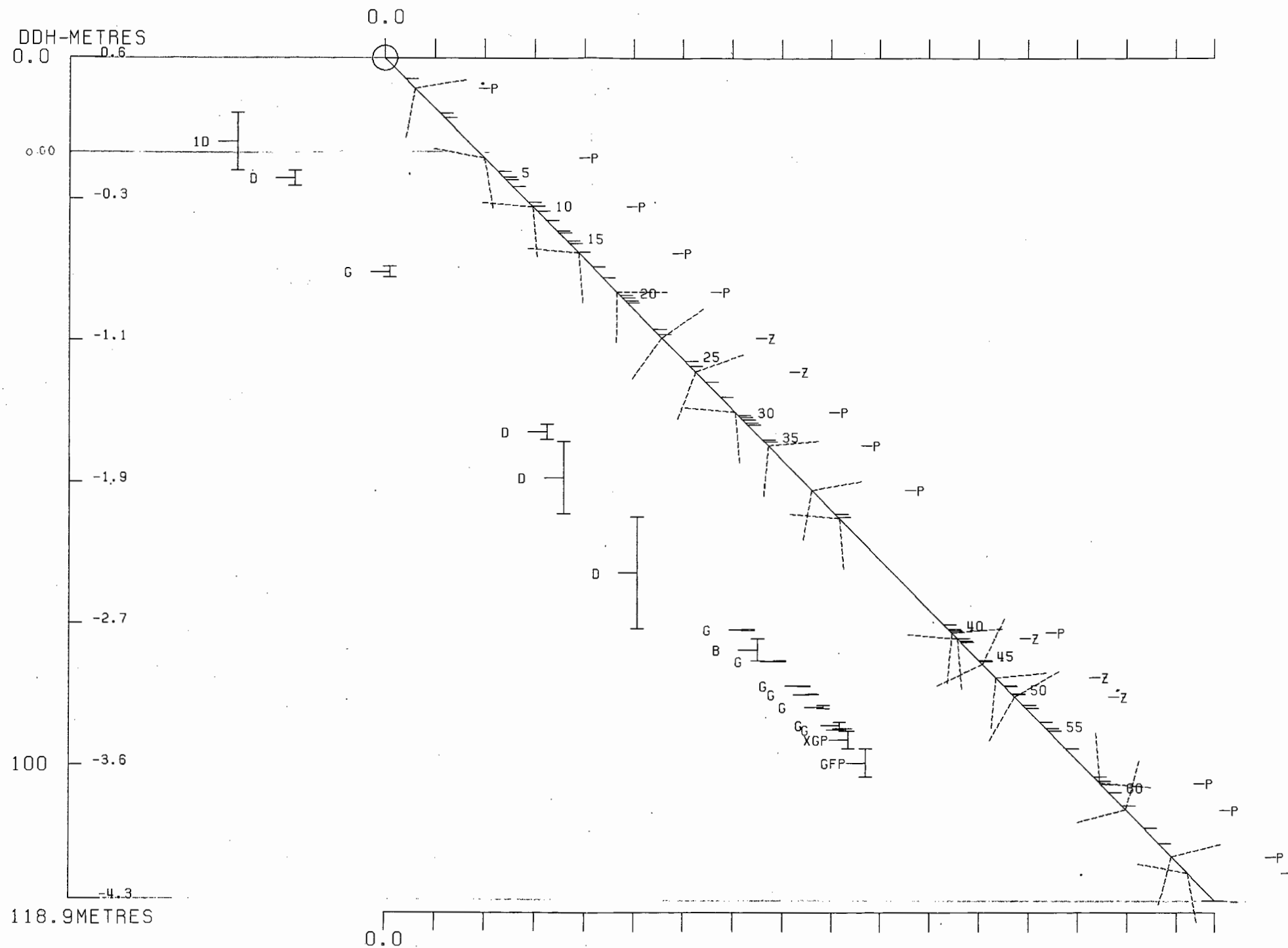
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1150 592350E ; 904866N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 435.5 Z = 1150.1

SECTION NAME: 70W



ELEVATION
ABOVE S.M.L.
1150

+ 1100 M.

DDH: FAGU123 -- 42 DEGREE PROFILE

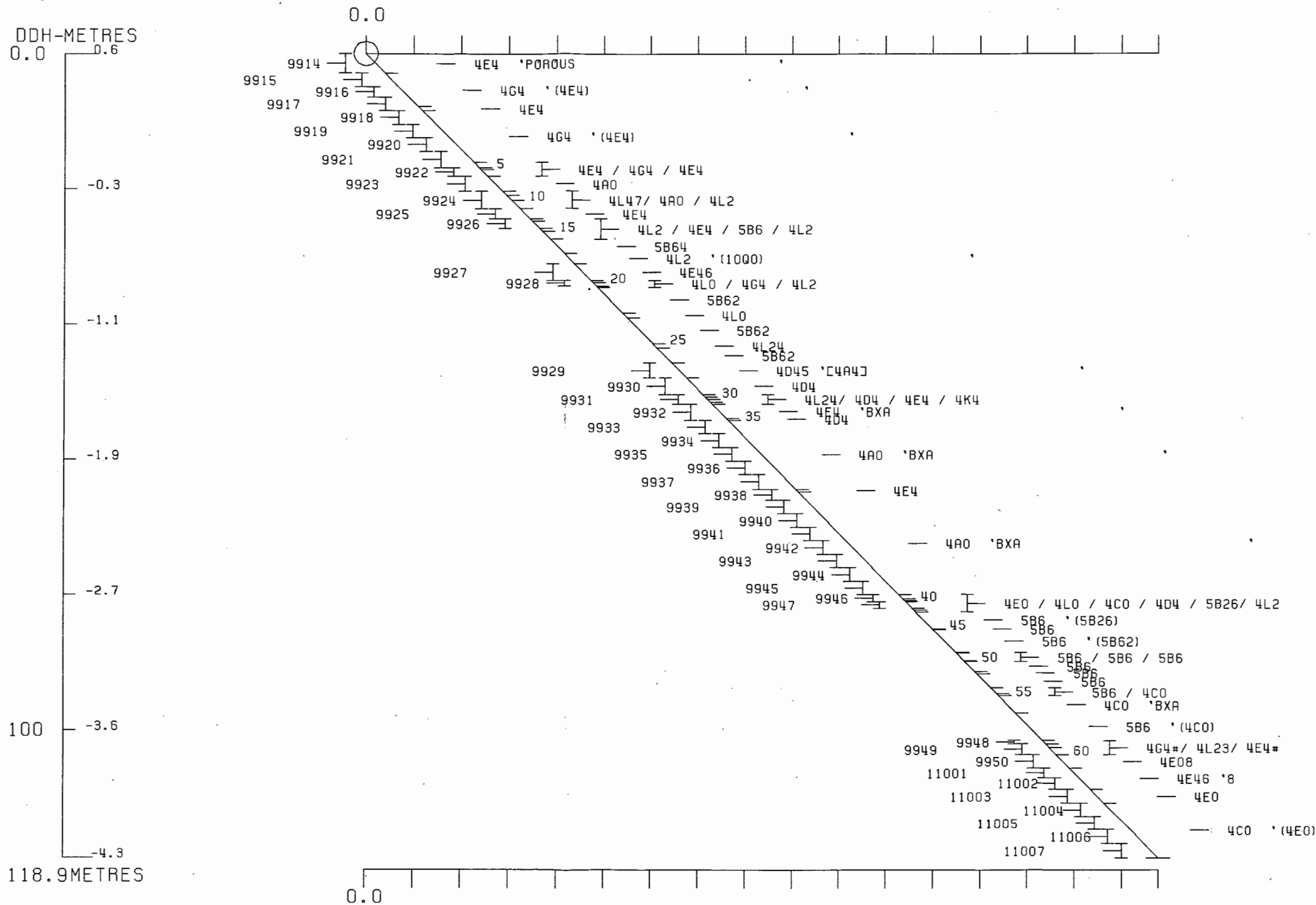
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1150 592350E ; 904866N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 435.5 Z = 1150.1

SECTION NAME: 70W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 OCT 1984 11:19 AM

FAGU 125

DRILL HOLE : FAGU125
NORTHING : 904,958.6
EASTING : 592,425.8
ELEVATION : 1,146.0
TOTAL DEPTH : 92.2
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 44
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 46
NOS DOWN-H-STRUCTURE: 22
NOS DOWN-H-FAULTS: 12
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAG1125 UTM-N: 904,958.6 UTM-E: 592,425.8 UTM-ELEV: 1,146.0 TOTAL DEPTH: 92.2 SECTION: W 70
 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 %	TCT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	1.5	11314	1.5	.5	4E4	4.49	.23	13.20	26.80	141.00		2.06	1	15	17						
1.5	3.9	11315	2.4	1.8	4EK	4.70	.18	6.50	11.40	113.00		1.58	2	30	32						
3.9	7.0	11316	3.1	1.6	4EK	4.69	.14	4.70	8.30	95.00		1.37	3	32	35						
7.0	10.0	11317	3.0	2.1	4EK	4.94	.16	5.00	8.60	110.00		1.51	2	22	25						
10.0	12.5	11318	2.5	1.3	4E4	4.93	.06	5.50	12.20	92.00		1.17	2	30	33						
12.5	14.6	11319	2.1	1.0	4D4	3.92	.05	4.60	11.50	83.00		.69	2	19	21						
14.6	16.2	11320	1.6	1.5	4D4	3.74	.03	7.60	17.70	133.00		.89	2	8	10						
16.2	18.2	11321	2.0	2.0	4D4	3.69	.18	8.80	16.40	160.00		1.58	2	9	12						
18.2	20.4	11322	2.2	2.2	4D4	3.90	.04	8.60	23.00	153.00	151.00	1.51	2	9	11						
20.4	22.1	11323	1.7	1.5	4D4	4.07	.03	10.00	25.40	166.00		1.03	3	8	11						
22.1	23.3	11324	1.2	.6	4D4	4.03	.20	10.40	17.50	169.00		1.65	2	13	15						
23.3	25.3	11325	2.0	1.7	4D41	4.64	.03	3.30	8.70	54.00		.75	4	30	34						
25.3	28.2	11326	2.9	2.5	4EL	4.04	.11	6.70	15.70	121.00		1.23	2	13	16						
28.2	30.4	11327	2.2	2.1	4EK0	4.80	.10	6.00	12.90	120.00		.89	3	24	28						
30.4	32.8	11328	2.4	2.3	4DA4	3.82	.06	9.40	17.50	168.00		1.30	2	11	13						
32.8	34.2	11329	1.4	1.4	4DA4	3.96	.06	10.60	20.60	185.00		1.17	2	11	14						
34.2	36.0	11330	1.8	1.3	4ED4	4.28	.06	5.20	12.00	100.00		.69	2	23	25						
36.0	37.0	11331	1.0	.6	4D12	3.64	.03	3.00	7.20	48.00		.48	2	16	19						
37.0	38.5	11332	1.5	1.5	4E4#	4.88	.15	5.30	8.90	70.00	67.00	1.92	2	34	37						
38.5	39.7	11333	1.2	1.2	4E4#	4.83	.20	6.10	9.80	92.00		1.10	2	32	34						
39.7	40.7	11334	1.0	1.0	4CD4	3.68	.09	3.80	7.70	77.00		.69	1	16	17						
40.7	42.1	11335	1.4	1.2	4ED4	4.42	.07	5.10	10.70	88.00		1.10	1	25	26						
42.1	44.7	11336	2.6	2.6	5B69	3.04	.06	.56	1.56	8.00		.21	1	4	6						
52.2	54.2	11337	2.0	.0	4E4#	4.06	.18	6.40	11.10	114.00		1.65	1	20	22						
54.2	56.2	11338	2.0	.0	4E4#	4.63	.13	5.30	9.90	97.00		1.58	2	28	31						
56.2	58.2	11339	2.0	.0	4E4#	4.98	.22	5.10	7.60	91.00		1.51	2	33	36						
58.2	60.2	11340	2.0	.0	4E4#	4.94	.15	5.80	8.30	98.00		1.44	2	33	36						
60.2	61.2	11341	1.0	.0	4E4#	4.86	.22	6.50	12.00	125.00		5.62	3	29	32						
61.2	61.9	11342	.7	.0	4A4	3.33	.08	5.60	8.50	82.00	77.00	1.23	1	7	9						
61.9	64.0	11343	2.1	.0	4A0	3.31	.11	1.40	2.32	31.00		.75	1	14	15						
64.0	66.0	11344	2.0	.0	4A0	3.19	.10	1.68	3.00	34.00		1.03	1	11	13						
66.0	68.0	11345	2.0	.0	4A0	3.29	.14	.37	1.02	20.00		.69	1	15	17						
68.0	70.0	11346	2.0	.0	4A0	3.20	.12	.54	.86	21.00		.41	1	12	14						
70.0	72.4	11347	2.4	.0	4A0	3.10	.10	.40	.86	16.00		.31	1	10	11						
72.4	75.0	11348	2.6	.0	4ECA	3.91	.18	5.30	10.60	100.00		1.65	2	19	22						
75.0	77.0	11349	2.0	1.5	4E4	4.78	.17	3.10	7.10	52.00		1.37	4	31	35						
77.0	78.5	11350	1.5	1.5	4E4	4.76	.10	2.40	4.90	43.00		1.51	3	34	37						
78.5	80.5	11351	2.0	2.0	4D4	4.04	.10	6.10	17.50	114.00		1.23	3	14	17						
80.5	83.4	11352	2.9	2.9	4D4	3.99	.06	10.20	20.60	182.00	170.00	1.65	2	11	14						
83.4	84.7	11353	1.3	1.3	4D41	3.41	.01	1.90	6.50	27.00		.55	3	10	13						
84.7	86.6	11354	1.9	1.9	4D4	3.79	.07	4.50	13.70	116.00		1.03	2	14	16						
86.6	89.0	11355	2.4	2.4	4D4	3.69	.14	7.90	18.20	139.00		1.37	2	8	11						
89.0	90.7	11356	1.7	1.4	4D4	3.71	.03	8.60	20.50	140.00		1.03	3	6	10						
90.7	92.3	11357	1.6	1.6	4A4	3.47	.25	3.30	2.40	52.00		1.65	1	16	17						

WEIGHTED AVERAGE

.C	44.7	44.7	35.5	4.25	.10	6.33	13.25	109.96	9.68	1.16	2	19	22
52.2	92.3	40.1	16.5	3.91	.12	4.48	9.20	82.99	13.63	1.30	2	18	20

00000000 3200

DOWN-ROD SURVEYS (LH020)

PAGE: 30

CDH: FAGU1LS UTM-N: 904,934.6 UTM-E: 592,425.9 UTM-ELEV: 1,146.0 TOTAL DEPTH: 92.2 SECTION: W 70
RFB: S2 RFB DIR: 230 PLUNGE ANGLES: 11 S12 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	120.100	227.600

REF: S2 REF DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1
 HTM-ELEV: 1,146.0 TOTAL DEPTH: 92.3 SECTION: W 70

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.5	0001	4E4		0.5-	1
1.8	0002	4K45		0.5-	1
3.9	0003	4E4	PCROUS	0.5-	1
4.1	0004	4K45	.	0.5-	1
7.0	0005	4E4		0.5-	1
7.6	0006	4K4		0.5-	1
12.5	0007	4E4	PCROUS	0.5-	1
23.5	0008	4E4		0.5-	1
25.3	0009	4D41		0.5-	1
25.4	0010	4L3		0.5-	1
25.6	0011	4E4		0.5-	1
25.9	0012	4LC		0.5-	1
28.2	0013	4E4		0.5-	1
28.8	0014	4CC		0.5-	1
29.5	0015	4E4		0.5-	1
30.4	0016	4K45		0.5-	1
34.2	0017	4D4	(4A4)	0.5-	1
34.6	0018	4E4		0.5-	1
36.0	0019	4D41	2	0.5-	1
37.0	0020	4D12		0.5-	1
39.7	0021	4E4	(4E4# POROUS)	0.5-	1
40.7	0022	4CC		0.5-	1
41.3	0023	4E4	PCROUS	0.5-	1
42.1	0024	4CE4		0.5-	1
44.5	0025	5B6	(10QC) (5B69)	0.5-	1
52.2	0026	1000	(5B62)	0.5-	1
53.0	0027	4E4		0.5-	1
53.2	0028	4AC		0.5-	1
61.2	0029	4E4#	PCROUS BXA	0.5-	1
61.9	0030	4A4		0.5-	1
70.5	0031	4AC		0.5-	1
70.8	0032	5D4*		0.5-	1
71.3	0033	4AC		0.5-	1
72.4	0034	4AC		0.5-	1
73.5	0035	4CC		0.5-	1
74.3	0036	4E4	BXA	0.5-	1
74.9	0037	4E4		0.5-	1
75.0	0038	4E4		0.5-	1
75.1	0039	4E4		0.5-	1
78.5	0040	4E4	(4E8) BXA	0.5-	1
82.4	0041	4D4	(4D412)	0.5-	1
84.7	0042	4D41	2	0.5-	1
86.6	0043	4D4		0.5-	1
86.7	0044	5D4*		0.5-	1
90.7	0045	4D4		0.5-	1
92.3	0046	4AC		0.5-	1

DDH: FAGU125 UTM-N: 904,958.6 UTM-E: 590,425.8 UTM-ELEV: 1,146.0 TOTAL DEPTH: 91.8 SECTION: W 70
 RFE: S2 RFE DIR: 230 FLUNGE 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	DCD	DHDC	SDC	PROCESS
FAGU125	0.1	1.3	PS2	P	0	0	0	C	20	230	C	1	1	1	
FAGU125	0.0	7.2	PS2	P	0	0	0	C	45	230	C	1	1	1	
FAGU125	0.0	9.5	PS2	P	0	0	0	C	30	230	C	1	1	1	
FAGU125	0.0	14.7	PS2	P	0	0	0	C	1	230	C	1	1	1	
FAGU125	0.0	18.1	PS2	P	0	0	0	C	20	230	C	1	1	1	
FAGU125	0.0	20.0	PS2	P	0	0	0	C	15	230	C	1	1	1	
FAGU125	0.0	23.6	PS2	P	0	0	0	C	15	230	C	1	1	1	
FAGU125	0.0	30.6	PS2	P	0	0	0	C	20	230	C	1	1	1	
FAGU125	0.0	34.4	PS2	P	0	0	0	C	10	230	C	1	1	1	
FAGU125	0.0	39.4	PS2	P	0	0	0	C	15	230	C	1	1	1	
FAGU125	0.0	44.4	PS2	P	0	0	0	C	25	230	C	1	1	1	
FAGU125	0.0	51.1	PS2	P	0	0	0	C	60	230	C	1	1	1	
FAGU125	0.0	52.7	PS2	P	0	0	0	C	25	230	C	1	1	1	
FAGU125	0.0	55.3	PS2	P	0	0	0	C	40	230	C	1	1	1	
FAGU125	0.0	55.6	PS2	P	0	0	0	C	35	230	C	1	1	1	
FAGU125	0.0	61.4	PS2	P	0	0	0	C	35	230	C	1	1	1	
FAGU125	0.0	68.2	PS2	P	0	0	0	C	35	230	C	1	1	1	
FAGU125	0.0	77.0	PS2	P	0	0	0	C	55	230	C	1	1	1	
FAGU125	0.0	79.5	PS2	P	0	0	0	C	50	230	C	1	1	1	
FAGU125	0.0	84.6	PS2	P	0	0	0	C	55	230	C	1	1	1	
FAGU125	0.0	88.4	PS2	P	0	0	0	C	1	230	C	1	1	1	
FAGU125	0.0	91.8	PS2	P	0	0	0	C	1	230	C	1	1	1	

MAG 125 M N= 001,059.4 UTM-F= 592,425.0 UTM-ELEV: 1,146.0 TOTAL DEPTH: 92.2 SECTION: W 70
 RFE: S? 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	
FAGU125	25.3	25.4	G				0	0	0	0	1
FAGU125	25.6	25.9	G				0	0	0	0	1
FAGU125	50.5	50.6	R				0	0	0	0	1
FAGU125	53.2	61.2	D?				0	0	0	0	1
FAGU125	70.5	70.9	G				0	0	0	0	1
FAGU125	70.8	71.3	GX				0	0	0	0	1
FAGU125	72.4	73.5	R				0	0	0	0	1
FAGU125	73.5	74.3	D?				0	0	0	0	1
FAGU125	74.3	74.9	B				0	0	0	0	1
FAGU125	75.0	75.1	B				0	0	0	0	1
FAGU125	75.1	78.5	D				0	0	0	0	1
FAGU125	86.6	86.7	G				0	0	0	0	1

DRILLHOLE SUMMARY (DH020)

PAGE: 42

DDH: FAGU125 UTM-N: 904,958.6 UTM-E: 592,425.3 UTM-ELEV: 1,148.0 TOTAL DEPTH: 96.2 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU125	1	1

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 7

Date: 26 AUG 81

Hole Number: FAGU 125

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: 70 W.

Claim: _____

U.T.M. 6904958.61

Terr. Plane _____

Co-ords.: 6905363.6 N

592425.8077

592070.8 E

Grid _____

Co-ords: _____

Elevation: 1146.039

1316.9

Total Depth: 92.3

Purpose: GRUM U/G

Reason hole _____

Terminated: _____

Logged by: DSJ-JGS

Date(s) Logged: 26 AUG 81

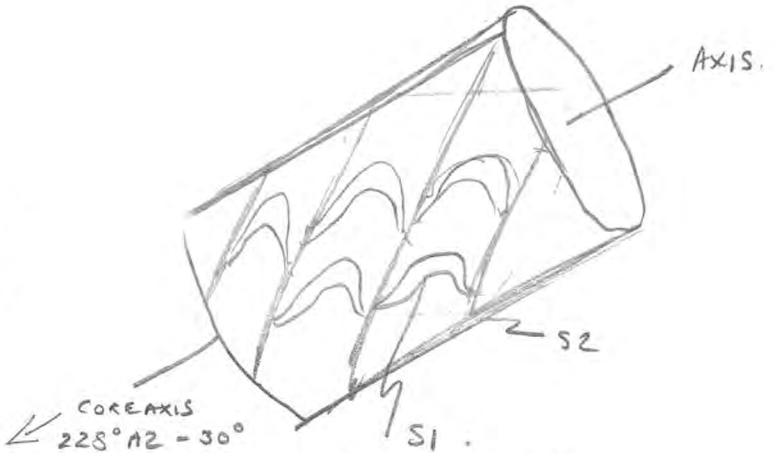
Drilling Contractor: GM.

Size	CORE From	To	Collar Cased and Capped: _____
<u>NQ</u>	<u>0</u>	<u>92.3</u>	

Hole Cemented: _____

Steel down hole: _____

Started: 21 JUL 81 Completed: 29 JUL 81



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

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

DDH FAGU 1, 2, 5
2 8

Cyprus Anvil Mining Corp.

Page 3 of 7

Lithologic Log

Date: 26 AUG 21 Logged By: DSJ - JGS

Code	From				To				Recov.				No.				Unit	Description
	10	14	16	20	22	24	26	28	30	34	35							
L		10	0		11	5									4E4			
L		1	5		1	8									4K4	DOL		
L		1	8		3	9									4E4	POR		
L		1	3	9		4	1								4K4	DOL		
L		1	4	1		1	7	0							4E4			
L		1	7	0		1	7	6							4K4			
L		1	7	6		1	1	2	5						4E4	POR		
L		1	1	2	5		1	2	3	3					4D4			
L		1	2	3	3		1	2	5	3					4D4	1		
L		1	2	5	3		1	2	5	4					4L3	GOUGE MIL ATT.		
L		1	2	5	4		1	2	5	6					4E4			
L		1	2	5	6		1	2	5	9					4L0	GOUGE MIL ATT		
L		1	2	5	9		1	2	8	2					4E4			
L		1	2	8	2		1	2	8	8					4D0			
L		1	2	8	8		1	2	9	5					4E4			
L		1	2	9	5		1	3	0	4					4K4	DOL vuggy in part.		
L		1	3	0	4		1	3	4	2					4D4	(4A4)		
L		1	3	4	2		1	3	4	6					4E4			
L		1	3	4	6		1	3	6	0					4D4	1 2		
L		1	3	6	0		1	3	7	0					4D1	1 2 OR V white		
L		1	3	7	0		1	3	9	7					4E4	(4E4* POR Calc)		
L		1	3	9	7		1	4	0	7					4C0			
L		1	4	0	7		1	4	1	3					4E4	POR		
L		1	4	1	3		1	4	2	1					4D1	E4		
L		1	4	2	1		1	4	4	5					5B6	(1000) (5869 + 2.5 PLS)		
L		1	4	4	5		1	5	2	2					10Q0	(5862) 50.5 - 50.6 Rubble Core? F. @ V may had fault.		
L		1	5	2	2		1	5	3	0					4E4			
L		1	5	3	0		1	5	3	2					4A0			
L		1	5	3	2		1	6	1	2					4E4	POR w/white some a Breccia ore		
L		1	6	1	2		1	6	1	9					4A4			
L		1	6	1	9		1	7	0	5					4A0			
L		1	7	0	5		1	7	0	8					5D4	1* GOUGE } MIL ATT		
L		1	7	0	8		1	7	1	3					4A0	GOUGE BRECCIA. }		
L		1	7	1	3		1	7	2	4					4A0			
L		1	7	2	4		1	7	3	5					4C0	Bkn Rubby Core		
L		1	7	3	5		1	7	4	3					4E4	Breccia ore Δ		

DIAMOND DRILL RECORD

LOGGED BY

ALEXANDER YOUNG PO

D.D.H. NO 76-U-125

PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,748.611 70W STARTED JULY 21, 1976

ABANDONED

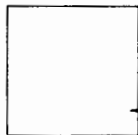
DEPARTURE 7,731.638 6N COMPLETED JULY 29, 1976

ELEVATION 1,156.649 PROPOSED DEPTH 450' - 137.16m

ULTIMATE DEPTH 92.3m

HOLE SURVEY:

DEPTH	BEARING	DIP
COLLAR	227° 38'	-30° 06'



CLAIM NO

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 74%

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x		
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
0	42.1	MASSIVE SULFIDE. INTERVALS OF POROUS (MV) AND SILI- 75 20	0.7	3759	0	1.5	1.5	13.26	30.48	147.1			19.89	45.72	220.64
		CEOUS GROUNDMASS (MQ). Broken, friable. Some in- 75 18	1.0	3760	1.5	3.0	1.5	5.92	10.11	116.9			8.88	15.165	175.39
		cluded interval of bleached phyllite = 3cm. 75 15	0.9	3761	3.0	4.6	1.6	4.10	9.96	85.72			6.56	15.936	137.15
		0-13.3: Porous variety. Voids show varying orien- 75 15	0.6	3762	4.6	6.1	1.5	6.96	11.38	141.2			10.44	17.07	211.89
		tation from 0° to 25°. 75 18	1.0	3763	6.1	8.1	2.0	6.01	8.95	103.9			12.02	17.90	207.78
		25.2-25.9: FAULT. Sulfide pebbles with quartz set 75 10	1.0	3764	8.1	10.1	2.0	5.72	9.92	105.9			11.44	19.84	211.88
		in light gray gouge. 75 8	0.6	3765	10.1	12.1	2.0	4.15	9.96	58.63			8.30	19.92	117.26
		27-30: Massive sulfide Bx, well cemented by finer 60 12	0.9	3766	12.1	14.1	2.0	6.27	13.89	100.8			12.54	27.78	201.6
		grain sulfides and other black materials. Bx frag- 50 12	1.2	3767	14.1	16.1	2.0	7.71	19.90	126.2			15.42	39.80	252.34
		ments Ø = 1cm. (MXs). 50 15	1.1	3768	16.1	18.1	2.0	9.26	17.66	157.4			18.52	35.32	314.74
		34-34.4: Pebble size core. Also friable. 50 18	1.0	3769	18.1	20.1	2.0	8.71	24.30	149.1			17.42	48.60	298.28
		40.4-40.6: Quartz-sulfide. Very siliceous ground- 60 18	0.9	3770	20.1	22.1	2.0	9.81	26.75	162.5			19.62	53.50	325.04
		mass interval. Sulfides as laminae =25°. Contacts 60 15	0.9	3771	22.1	24.1	2.0	7.71	14.10	142.3			15.42	28.20	284.58
		broken ground. 42.1: Clean contact with sericite phyllite (S). 60 10	0.8	3772	24.1	26.1	2.0	5.70	14.15	77.83			11.40	28.30	155.66
		Contact 30° characterized by light gray thin clay 75 12	1.1	3773	26.1	28.1	2.0	5.92	12.78	92.92			11.84	25.56	185.84
		material. 75 12	1.1	3774	28.1	30.1	2.0	6.25	12.57	99.77			12.50	25.14	199.54
42.1	52.1	SERICITE PHYLLITE (S). Has significant but spotty 75 18	1.5	3775	30.1	32.1	2.0	8.66	14.50	146.1			17.32	29.00	292.12

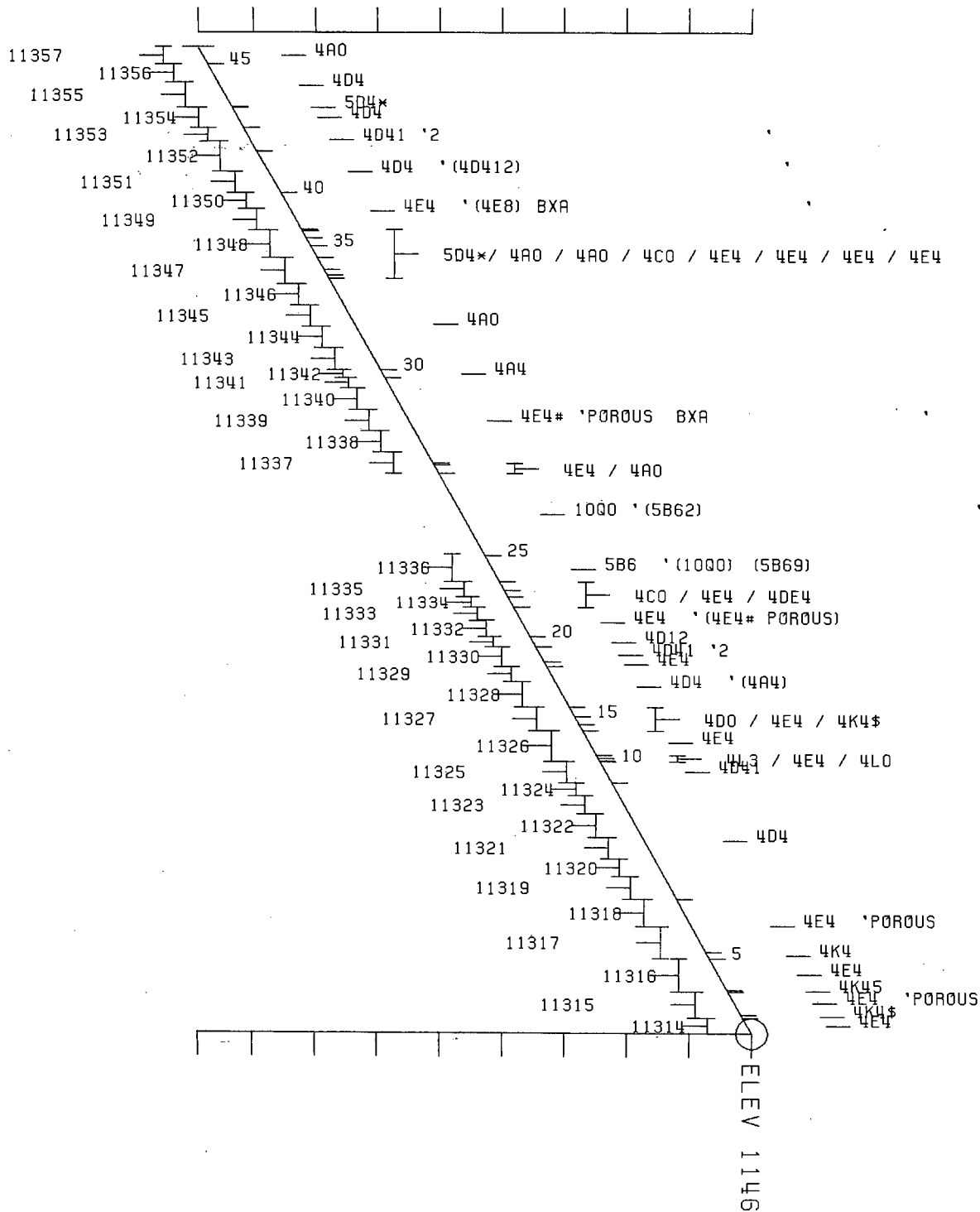
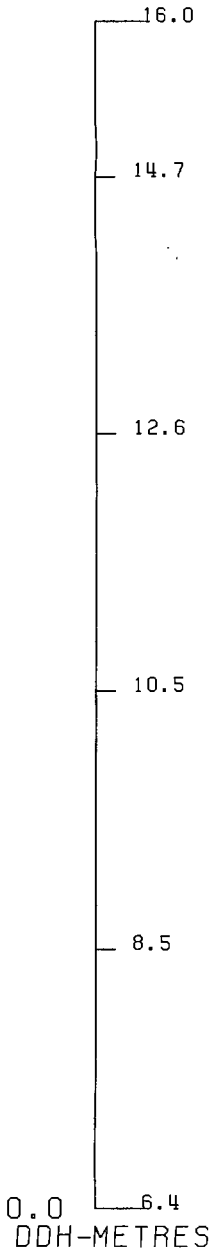
Interval		DESCRIPTION	Recovery	Sample N ^o	Interval		Sample Length	Assay					Assay x			
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
		sulfide distribution. Notable long span of bull qtz.	75 18	2.0	3776	32.1	34.1	2.0	10.75	19.40	184.46			21.50	38.80	368.92
		showing some sulfides along fractures. IE: 49.6-	75 10	1.6	3777	34.1	36.1	2.0	5.20	11.07	81.60			10.40	22.14	163.20
		50.7.	75 10	2.0	3778	36.1	38.1	2.0	4.88	8.15	59.31			9.76	16.30	118.62
		44.0-44.5: Well cemented Bx. Fragments are quartz/	75 12	1.9	3779	38.1	40.1	2.0	6.76	9.20	93.94			13.52	18.40	187.88
		phyllite $\phi = 1\text{cm}$. Cemented by sulfides.	65 12	2.0	3780	40.1	42.1	2.0	4.95	10.11	75.77			9.90	20.22	151.54
		50.6: Shear.	20 4	2.5	3781	42.1	45.1	3.0	0.48	0.70	5.14					
		52.1: Abrupt change to Massive Sulfides (M) with porous														
		variety (MV). Contact broken ground.		6.0		45.1	52.1	7.0								
52.1	61.2	MASSIVE SULFIDE (M), W/SOME POROUS VARIETY (MV).														
		Faint compositional banding at 53.6-54.2 = 60-65°	75 12	1.5	3782	52.1	53.6	1.5	6.37	8.46	87.77			9.555	12.69	131.66
			75 12	1.5	3783	53.6	55.6	2.0	7.35	13.99	120.0			14.70	27.98	240.00
		55.7-57.3: Pores/voids aligned = 20-25°.	75 10	1.6	3784	55.6	57.3	1.7	4.70	7.80	78.86			7.99	13.26	134.06
		61.2: Sharp clean contact with mineralized graphi-	75 6	1.5	3785	57.3	58.8	1.5	7.36	11.80	114.9			11.04	17.70	172.29
		tic phyllite (PG) = 25°.	75 10	1.5	3786	58.8	60.3	1.5	4.05	6.54	67.54			6.075	9.81	101.31
			70 12	1.5	3787	60.3	61.8	1.5	6.80	12.63	110.1			10.2	18.945	165.09
61.2	73.5	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent.	50 6	1.5	3788	61.8	63.3	1.5	2.15	2.90	35.31			3.225	4.35	52.965
		Foliation = 10-20°.	30 5	1.5	3789	63.3	64.8	1.5	1.85	2.78	30.17			2.775	4.17	45.255
		62.8-64.5: Sulfide bx cemented by graphite and	35 5	1.5	3790	64.8	66.3	1.5	0.83	1.38	22.29			2.21	PbZn	
		possibly powdered sulfides.	30 5	1.5	3791	66.3	67.8	1.5	0.23	0.83	14.06			1.06	PbZn	
		65.0: Fold nose.	30 5	0.9	3792	67.8	69.3	1.5	0.65	0.78	20.23			1.45	PbZn	
		70.5-71.3: Greenish white thick sticky gouge.	10 2	1.2	3793	69.3	71.3	2.0	0.60	1.05	9.94			1.65	PbZn	

FAULT.



CYPRUS ANVIL MINING CORPORATION
 PROGRAM DH162 2 OCT 1984 11:22 AM

92.2 METRES



DDH: FAGU125 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)
 ELEV: 1146 592426E ; 904959N
 PLUNGE ANGLE IS 11.0 TREND-ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 555.5 Z = 1147.2
 SECTION NAME: 70M

DDH: FAGU125 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

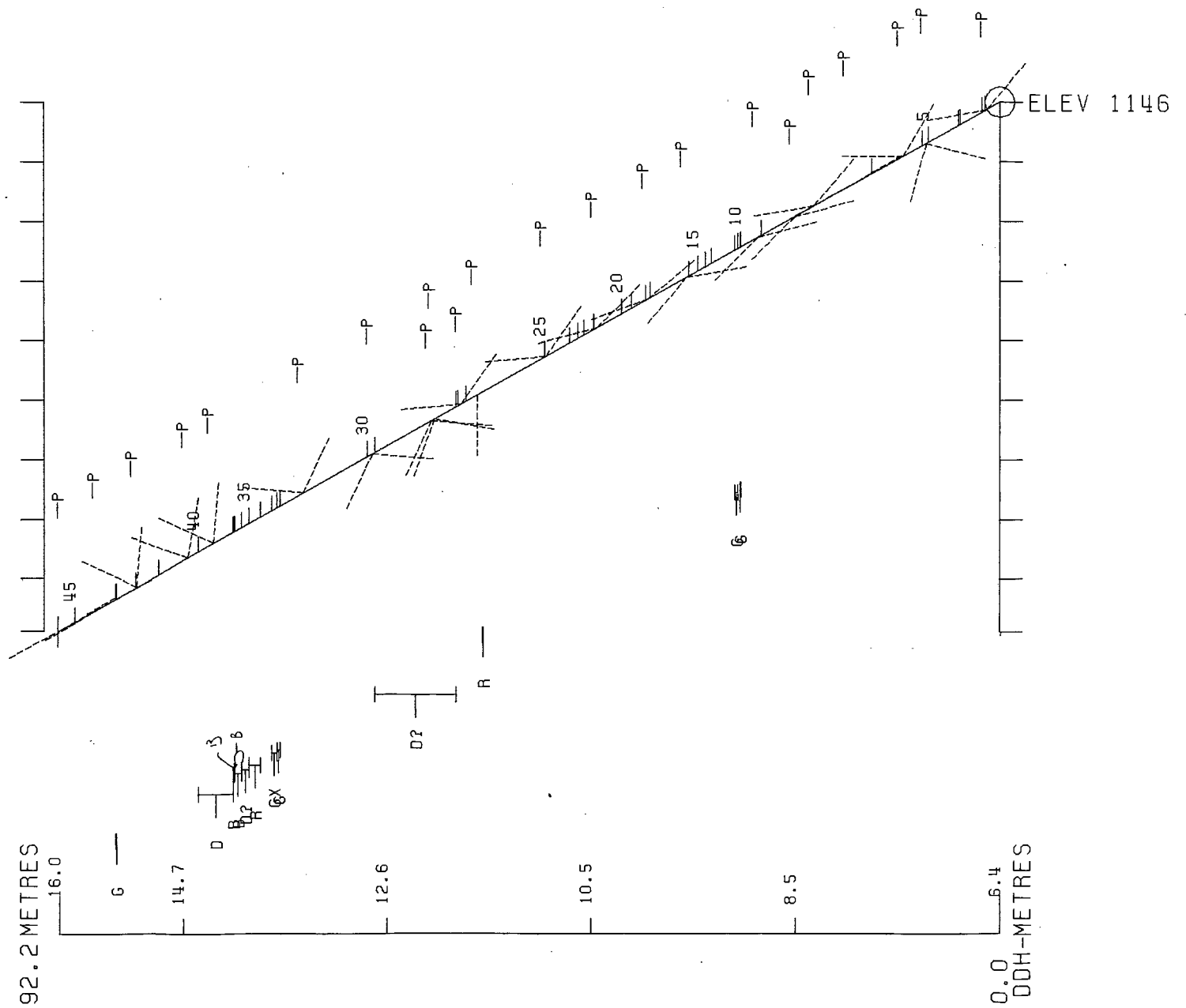
ELEV: 1146 592426E ; 904959N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.5 Z = 1147.2

SECTION NAME: 70W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 2 OCT 1984 11:20 AM



FAGU 127

DRILL HOLE : FAGU127
NORTHING : 904,866.2
EASTING : 592,349.8
ELEVATION : 1,151.2
TOTAL DEPTH : 45.7
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 21
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 23
NOS DOWN-H-STRUCTURE: 15
NOS DOWN-H-FAULTS: 3
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU127 UTM-N: 9047966.2 UTM-E: 592349.0 UTM-ELEV: 1151.2 TOTAL DEPTH: 45.7 SECTION: W 70
 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-----													S.G. W.R.	
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	3.0	11155	3.0	1.0	4E4	4.83	.12	7.80	12.60	121.00		1.65	2	25	23						
3.0	4.6	11166	1.6	.0	4E4	4.72	.12	9.50	17.90	143.00		2.74	4	22	26						
4.6	5.9	11167	1.3	.0	4ELA	3.19	.04	1.62	2.80	27.00		.82	2	6	9						
5.9	7.3	11168	1.4	.0	4L5	3.16	.05	.70	1.09	15.00		.34	8	6	14						
7.3	8.3	11169	1.5	.0	4G4	4.64	.21	7.10	12.40	117.00		2.67	1	16	18						
8.8	10.6	11170	1.8	.0	4G4	4.81	.30	5.60	13.70	86.00	87.00	2.06	2	13	16						
10.6	12.4	11171	1.8	.0	4E4	4.51	.26	5.50	8.20	74.00		2.26	2	28	31						
12.4	13.8	11172	1.4	.0	4L24	3.80	.04	1.61	12.70	38.00		.69	9	6	16						
13.8	15.1	11173	1.3	.0	4G4	4.57	.10	4.30	10.20	104.00		1.51	1	12	14						
15.1	17.1	11174	2.0	.0	4E4	4.75	.11	6.30	12.20	88.00		1.65	3	29	32						
17.1	19.1	11175	2.0	.0	4E4	4.70	.22	4.90	10.00	74.00		2.40	2	32	34						
19.1	21.1	11176	2.0	.0	4E4	4.69	.29	4.40	8.90	60.00		4.53	2	32	34						
21.1	23.1	11177	2.0	.0	4E4	4.57	.21	5.30	10.80	99.00		1.85	2	29	32						
23.1	25.5	11178	2.4	.0	4E4	4.57	.25	6.00	13.50	106.00		2.33	3	27	30						
25.5	26.4	11179	.9	.0	4A0	3.63	.14	2.20	2.70	48.00		1.51	1	22	24						
26.4	27.5	11180	1.1	.0	4C0	3.91	.45	.62	1.84	31.00	33.00	1.10	2	26	23						
27.5	29.2	11181	1.7	.0	4A0	3.38	.15	.37	.95	19.00		1.23	1	20	21						
29.2	30.6	11182	1.4	.0	4A4	3.25	.05	4.20	6.70	65.00		1.10	1	10	11						
30.6	32.8	11183	2.2	.0	4A0	2.99	.09	1.27	1.11	25.00		1.03		7	8						
32.8	35.0	11184	2.2	.0	4AC		.11	.22	.54	9.00											
35.0	38.5	11185	3.5	.0	4L2		.05	.42	.75	10.00											
WEIGHTED AVERAGE																					
.0	38.5		38.5	1.0		3.59	.15	3.92	7.75	65.10	5.01	1.57	2	17	20						

DDH: FAGU127 UTM-N: 904,966.2 UTM-E: 592,349.2 UTM-ELEV: 1,151.2 TOTAL DEPTH: 45.7 SECTION: W 70
 RFE: 32 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	88.500	45.200

DDH: FAGU127 UTM-N: 9047866.2 UTM-E: 5927349.8 UTM-ELEV: 12151.2 TOTAL DEPTH: 45.7 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DRD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.3	OC01	#		0.5-	1
4.7	OC02	4E4		0.5-	1
5.6	OC03	5A61		0.5-	1
5.9	OC04	4L41	(4E0)	0.5-	1
6.5	OC05	5D4@		0.5-	1
7.0	OC06	4L12		0.5-	1
7.3	OC07	5D4@		0.5-	1
10.6	OC08	4G4		0.5-	1
12.4	OC09	4E4	BXA	0.5-	1
13.8	OC10	4L24		0.5-	1
15.1	OC11	4G4		0.5-	1
25.5	OC12	4E4	(4A0) MINOR	0.5-	1
26.4	OC13	4AC		0.5-	1
27.5	OC14	4C0		0.5-	1
29.2	OC15	4A0		0.5-	1
30.6	OC16	4A4		0.5-	1
34.3	OC17	4AC		0.5-	1
34.8	OC18	4CC		0.5-	1
35.0	OC19	4A0		0.5-	1
38.5	OC20	4L24	BXA	0.5-	1
39.2	OC21	5D4@		0.5-	1
43.6	OC22	4L24		0.5-	1
45.7	OC23	5A19	6	0.5-	1

DDH: FAGU127 UTM-N: 904,266.2 UTM-E: 592,349.8 UTM-ELEV: 1,151.2 TOTAL DEPTH: 45.7 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGU127	0.0	3.3			0	0	65	C	0	C	C		1	0	C
FAGU127	0.0	7.8			0	0	50	C	0	C	C		1	0	C
FAGU127	0.0	9.8			C	C	20	C	0	C	C		1	0	C
FAGU127	0.0	10.6			C	0	75	0	0	0	C		1	0	C
FAGU127	0.0	14.2			0	0	50	C	0	C	C		1	0	C
FAGU127	0.0	16.6			C	C	50	C	0	C	C		1	0	C
FAGU127	0.0	20.3			C	0	40	C	0	C	C		1	0	C
FAGU127	0.0	22.9			0	0	55	C	0	0	C		1	0	C
FAGU127	0.0	26.0			C	0	70	C	0	C	C		1	0	C
FAGU127	0.0	28.5	CS2		0	0	65	C	5	230	C		1	1	1
FAGU127	0.0	30.5	CS2	Z	0	0	45	C	25	230	C		1	1	1
FAGU127	0.0	31.0	CS2	S	C	0	60	C	20	230	C		1	1	1
FAGU127	0.0	40.5	CS2	Z	0	0	50	C	5	230	C		1	1	1
FAGU127	0.0	41.3	CS2	Z	C	0	90	C	10	230	C		1	1	1
FAGU127	0.0	45.6	CS2		0	0	65	C	15	230	C		1	1	1

DOH: FAGU127 UTM-N: 904,966.2 UTM-E: 593,349.0 UTM-ELEV: 1,151.2 TOTAL DEPTH: 45.7 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DOH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD	
FAGU127	11.1	11.9	D?				0	0	0	0	1
FAGU127	34.3	34.8	1X				0	0	0	0	1
FAGU127	35.0	38.5	X?				0	0	0	0	1

2-MAR-84 GRJM

DOWN-HOLE SFLINES (DHD20)

PAGE: 37

DDH: FAGU127 UTM-N: 904,866.2 UTM-E: 592,349.8 UTM-ELEV: 1,151.2 TOTAL DEPTH: 45.7 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU127 1 1

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 5

Date: 25 AUG 81

Hole Number: FAGU 127

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: 70W.

Claim: _____

U.T.M. Terr. Plane

Co-ords.: 6904866.2 N

592349.8 E

Grid Co-ords: _____

Elevation: 1151.2

Total Depth: 45.7.

Purpose: GRUM U/G.

Reason hole Terminated: _____

Logged by: DSJ - JGS

Date(s) Logged: 25 AUG 81

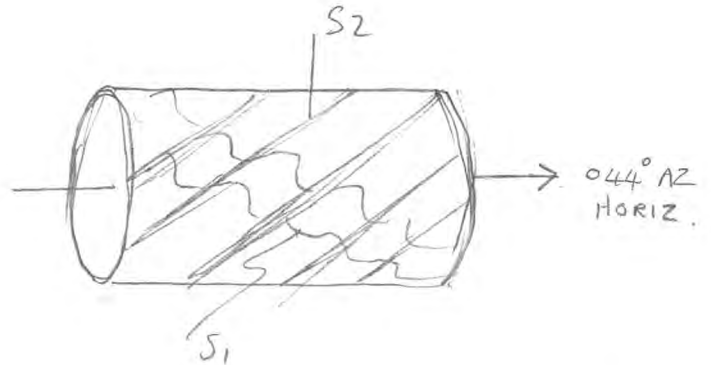
Drilling Contractor: CAM

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

Hole Cemented: _____

Steel down hole: _____

Started: JUL 25 / 76 Completed: 25 JUL 76.



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

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

DDH F.A.G.4.1.2.7
2 8

Cyprus Anvil Mining Corp.

Page 3 of 5

Lithologic Log

Date: 25 AUG 81 Logged By: DST JGS

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L		10	0		11	3				1011	1*	CONCRETE
L		11	3		14	7				1012	4E14	
L		14	7		15	6				1013	5A16.1	
L		15	6		15	9				1014	4L14.1	(4E0)
L		15	9		16	5				1015	5D14*	ANK.
L		16	5		17	0				1016	4L11.2	
L		17	0		17	3				1017	5D14*	DOL
L		17	3		110	6				1018	4G14	
L		110	6		112	4				1019	4E14	Δ BRECC. 11.1 to 11.9.
L		112	4		113	8				110	4L2.2	
L		113	8		115	1				111	4G14	
L		115	1		125	5				112	4E14	Thin 4A0 24.7-24.8 Mon Calc.
L		125	5		126	4				113	4A01	
L		126	4		127	8				114	4E01	
L		27	8		29	2				115	4A14	
L		129	2		130	6				115	4A14	
L		130	6		134	3				116	4A101	
L		134	3		134	8				117	4C101	INCL BRECC
L		134	8		135	0				118	4A101	
L		135	0		138	5				119	4L2.4	Δ Breccia
L		138	5		139	2				120	5D14*	1-2% Fusch. ANK
L		139	2		143	6				121	4L2.4	
L		143	6		145	7				122	5A11.9	MON CALC.
												END of HOLE @ 45.7

DDH FAG4127
2 8

Cyprus Anvil Mining Corp.

Page 4 of 5

Structural Log

Date: 25 AUG 81 Logged By: DSJ JGS.

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	
\$				13	3			R		65	25		21		Could be S ₁
\$				17	8			R		50	15		21		
\$				19	8			R		20					R = S ₁ and S ₂ hinges
\$				110	6			R		75					S ₂ not developed
\$				114	2			R		50					
\$				116	6			R		50					
\$				120	3			R		40					
\$				122	9			R		55	25				
\$				126	0			R		70					
\$				128	5	CS2				65		05	230		
\$				130	5	CS2	Z			45		25	230		
\$				131	0	CS2	S			60		20	230		
\$				140	5	CS2	Z			50		05	230		
\$				141	3	CS2	Z			90	45	10	230		
\$				145	6	CS2				65		15	230		
															END of HOLE

CODE	FROM		TO		SAMPLE	INTR.				REC (m)	UNIT	DESCRIPTION						
	10	14	16	20		22	26	28	30				32	34	36	40	42	
P	1	9	0	1	3	0	1	1	1	6	5	3	0	1	1	0	14E14	MS 0-1.5 NO CORE
P	1	1	3	0	1	1	1	1	1	6	6	1	1	6	1		14E14	ASSUME MASS SULPHIDE
P	1	1	4	6	1	1	1	1	1	6	7	1	1	3	1		15A14	504*
P	1	1	5	9	1	1	1	1	1	6	8	1	1	4	1		14A12	"
P	1	1	7	3	1	1	1	1	1	6	9	1	1	5	1		14G14	
P	1	1	8	5	1	1	1	1	1	7	0	1	1	8	1		14G14	
P	1	1	10	6	1	1	1	1	1	7	1	1	1	8	1		14E14	
P	1	1	12	4	1	1	1	1	1	7	1	1	1	4	1		14L12	
P	1	1	12	4	1	1	1	1	1	7	2	1	1	4	1		14L12	
P	1	1	13	8	1	1	1	1	1	7	3	1	1	3	1		14G14	
P	1	1	15	1	1	1	1	1	1	7	4	1	1	0	1		14E14	
P	1	1	17	1	1	1	1	1	1	7	5	1	1	0	1		14E14	
P	1	1	19	1	1	1	1	1	1	7	6	1	1	0	1		14E14	
P	1	1	21	1	1	1	1	1	1	7	7	1	1	0	1		14E14	
P	1	1	23	1	1	1	1	1	1	7	8	1	1	2	1		14E14	
P	1	1	25	5	1	1	1	1	1	7	9	1	1	4	1		14A10	
P	1	1	26	4	1	1	1	1	1	7	9	1	1	9	1		14A10	
P	1	1	26	4	1	1	1	1	1	8	0	1	1	4	1		14C10	
P	1	1	27	5	1	1	1	1	1	8	1	1	1	7	1		14A10	
P	1	1	29	2	1	1	1	1	1	8	1	1	1	7	1		14A10	
P	1	1	29	2	1	1	1	1	1	8	2	1	1	4	1		14A14	
P	1	1	30	6	1	1	1	1	1	8	3	1	1	2	1		14A10	
P	1	1	32	8	1	1	1	1	1	8	3	1	1	2	1		14A10	4C0
P	1	1	35	0	1	1	1	1	1	8	4	1	1	2	1		14A10	
P	1	1	35	0	1	1	1	1	1	8	5	1	1	5	1		14L12	

DIAMOND DRILL RECORD

 LOGGED BY R. GILES/ALEX YOUNG-PO

 D.D.H. No 76-U-127 PAGE 1

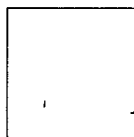
 PROPERTY GRUM JOINT VENTURE

 LATITUDE 10,659.572 ? 70W STARTED JULY 24, 1976

 DEPARTURE 7,654.124 ? 2N COMPLETED JULY 25, 1976

 ELEVATION 1161.824 ? PROPOSED DEPTH _____
 ULTIMATE DEPTH 45.7m

HOLE SURVEY:		
DEPTH	BEARING	DMP
COLLAR	044	0



CLAIM No _____

 DIRECTION AND DISTANCE
 FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 83%

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay #					
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag			
0	27.5	MASSIVE SULPHIDES (M). Intervals of bleached phyllite, graphitic phyllite, sulphide breccia, porous sulphides. 0-2.7: Low recovery, pebble size. 2.7-2.9: Bleached Phyllite gouge. 4.6-5.8: Graphitic phyllite-blocky. Foliation 2 40°, fold nose @ 5.3. First contact at 4.6 - sharp at 40°; Second contact sudden in broken ground. Py PbZn 5.8-6.0: Mineralized bleached phyllite (Psb). 20 2 Greenish fuchsite, bleached sericite in thin laminae with quartz. Shear contact at 6.0 - bleached phyllite flakey, with quartz fragments. 6.0-6.4: Bleached phyllite: Foliation at 40°. Greenish mariposite. Second contact sharp with massive sulphide at 20°. 6.8-7.3: Bleached Phyllite similar to 6.0-6.4. First contact sharp at 30°. Second contact in broken ground-possible shear.																
			0.5	4006	0	3.0	3.0	9.41	13.98	140.2				28.23	41.94	420.69		
			1.4	4007	3.0	4.6	1.6	10.72	18.36	137.1				17.152	29.376	219.42		
			1.2	4008	4.6	5.8	1.2	1.28	2.48	17.14				1.536	2.976	20.568		
			1.3	4009	5.8	7.3	1.5	0.25	0.40	5.14				0.375	0.60	7.71		
			1.4	4010	7.3	8.7	1.4	7.30	10.76	93.94				10.22	15.064	131.52		
			1.5	4011	8.7	10.2	1.5	6.20	15.01	96.69				9.30	22.315	145.04		
			1.2	4012	10.2	11.7	1.5	1.53	2.50	30.17				2.295	3.75	45.255		
			1.2	4013	11.7	13.7	2.0	8.26	12.41	87.77				16.52	24.82	175.54		
			1.1	4014	13.7	15.2	1.5	4.80	10.51	95.66				7.20	15.765	143.49		
			1.5	4015	15.2	16.8	1.6	6.90	12.04	80.57				11.04	19.264	128.91		

DDH: FAGU127 -- 42 DEGREE PROFILE

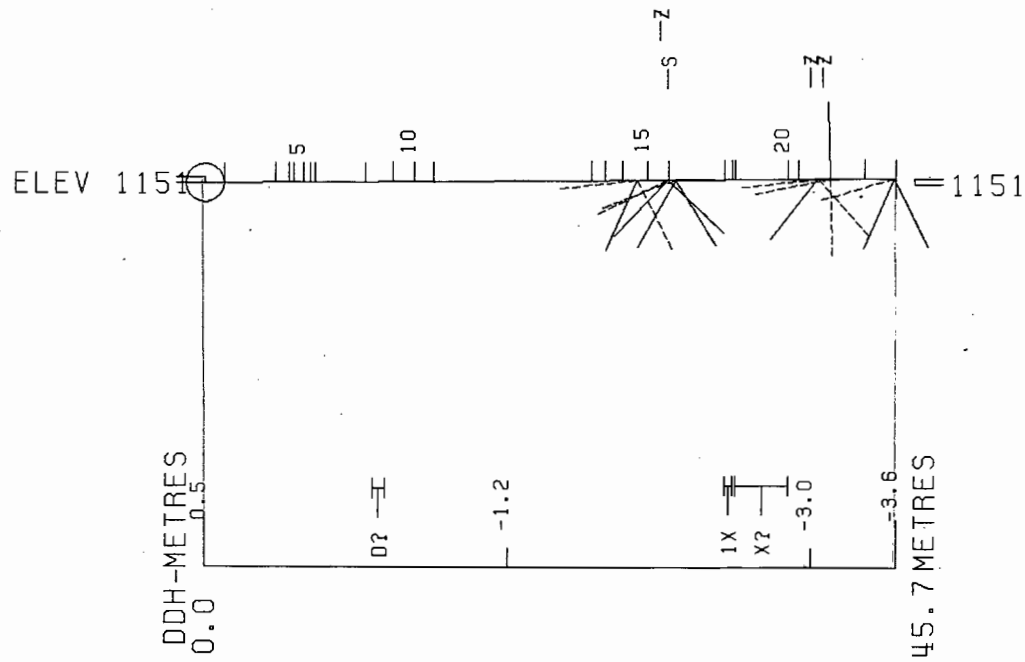
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1151 592350E ; 904866N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 436.0 Z = 1151.3

SECTION NAME: 70W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 2 OCT 1984 11:24 AM

DDH: FAGU127 -- 42 DEGREE PROFILE

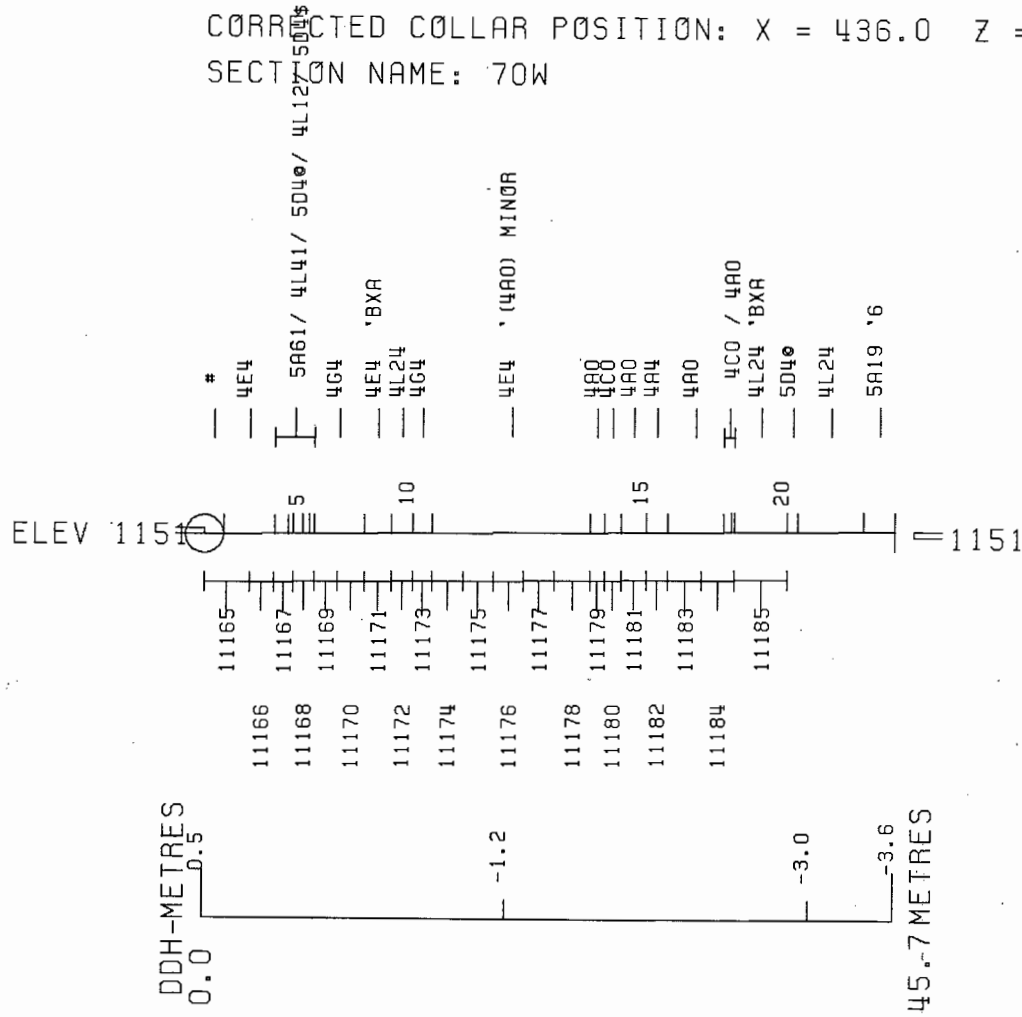
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1151 592350E ; 904866N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 436.0 Z = 1151.3

SECTION NAME: 70W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 OCT 1984 11:25 AM