014960

GRum

Section 74W

Vol. 3 of 3

FAGU 049→

FAGU 049

DRILL HOLE : FAGU049
NORTHING : 905,033.4
EASTING : 592,335.2
ELEVATION : 1,133.9
TOTAL DEPTH : 82.2
SECTION : W 74
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 10
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 25
NOS DOWN-H-STRUCTURE: 16
NOS DOWN-H-FAULTS: 7
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU049 UTM-N: 905,033.4 UTM-E: 592,335.2 UTM-ELEV: 1,133.9 TOTAL DEPTH: 82.2 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.8	08816	2.8	2.8	4C5	2.84	.03	1.42	3.20	24.00		.62		4	4						
2.8	5.6	08817	2.8	2.5	4D5	2.96	.03	1.64	3.70	29.00		.69		5	6						
5.6	8.4	08818	2.8	2.8	4D5	3.06	.08	2.10	3.90	38.00		.89	1	7	8						
8.4	11.2	08819	2.8	2.8	4C5	2.89	.02	.96	3.70	16.00		.48	1	3	4						
11.2	14.1	08820	2.9	2.9	4C5	2.91	.06	1.54	3.20	25.00		.48	1	3	4						
14.1	16.5	08821	2.4	2.4	4L14	3.00	.10	2.20	3.60	38.00		.75	1	4	5						
16.5	18.9	08822	2.4	2.4	4L14	2.95	.09	2.40	5.00	42.00		.62	1	3	4						
18.9	21.3	08823	2.4	2.1	4L14	3.00	.07	2.40	7.30	49.00		.62	1	2	4						
76.2	79.2	08824	3.0	3.0	4C5	2.84	.04	1.29	2.20	20.00	24.00	.48	1	2	3						
79.2	82.3	08825	3.1	3.1	4C5	2.91	.05	1.34	.35	10.00		.75		3	4						
WEIGHTED AVERAGE																					
.0	21.3		21.3	20.7		2.94	.05	1.80	4.13	32.00		.64	1	4	5						
76.2	82.3		6.1	6.1		2.87	.04	1.31	1.25	14.91	11.80	.61	1	2	3						

DDH FAG4066 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 22 SEP 81 Logged By: DSJ - JGS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1807	1813		37	4G4*	CALC (BKn Core Rubble)
L	1813	1835		38	4E9*	CALC
L	1835	1838		39	5D4*	ANK no fract
L	1838	1840		40	4G4	
L	1840	1848		41	4L2 3	
L	1848	1855		42	4F9	
L	1855	1855		43	4L9	
L	1855	1868		44	4G4*	CALC NB 7a9 → 4G4 SPORADIC
L	1869	1875		45	4L2	PATCHY MINOR MAGNETITE
L	1875	1879		46	4G4*	CALC
L	1879	1881		47	4L3	
L	1881	1889		48	4G4*	CALC
L	1889	1895		49	4L3	
L	1895	1931		50	4G4	(4B4*) calc
L	1931	1950		51	5A4*	rare fract K
L	1950	1984		52	4G4	
L	1984	1987		53	4B9	
L	1987	1989		54	4L9	
L	1989	1990		55	4G4*	CALC
						END OF HOLE

DDH EAG 8066 U (2 / 8) Cyprus Anvil Mining Corp. Page 5 of 6

Structural Log Date 22 SEP 81 Logged By: DSJ - JGS

Code	From	To	Feature	E/S	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		110	CIS12	R			310 2310	
S		140	CIS12	R			510 2310	
S		175	CIS12	R			310 2310	
S		1100	CIS12	R			30 2310	
S		1140	CIS12	R			410 2310	
S		1220	CIS12	R			40 2310	
S		1267	CIS12	P			260 2430	
S		1337	CIS12	Z		210 0150	410 2310	
S		1426	CIS12	R			510 2310	
S		1480	CIS12	R			210 2310	
S		6545	PIS12				310 2310	
S		1610	CIS12	R			510 2310	
S		1640	CIS12	S		110 2310	410 2310	
S		1740	CIS12	R			210 2310	
S		1790	CIS12	R			110 2310	
S		1866	CIS12	R			210 2310	
S		1920	CIS12	R			410 2310	
S		1960	CIS12	R			615 2310	
S		1975	CIS12	R			610 2310	

DDH EAGU066 Cyprus Anvil Mining Corp Page 6 of 6

Logged by DST - JGS

ASSAY LOG (SAMPLER'S COPY) Date 22 SEP Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
-	10 14	16 20	22 26	28 30	32 34	36 40	42
P	100	120	120853	120	114	14E41	Backlit
P	120	134	120854	114	110	14E41	
P	134	154	120855	120	120	14E41	
P	154	173	120856	119	116	14E41	
P	173	193	120857	120	120	14E41	
P	193	111 4	120858	121	117	14E41	
P	111 4	113 9	120859	125	120	14G41	
P	113 9	115 9	120910	120	114	14E41	(4G4)
P	115 9	116 7	120911	110	109	14A101	(4L0)
P	116 7	118 4	120912	117	107	14G41	(4E)
P	118 4	119 4	120913	110	109	15D14	
P	119 4	121 0	120914	111	109	14E141	
P	120 5	122 0	120915	115	115	14E41	(4G4)
P	122 0	123 4	120916	114	113	14G41	
P	123 4	125 9	120917	125	125	14E41	
P	131 9	141 3	120918	129	115	14E41	
P	141 3	145 7	120919	144	142	14L21	(5D4)
P	147 2	148 7	121010	115	111	14E81	
P	171 6	172 6	121011	110	110	14E01	
P	172 6	173 3	121012	107	105	14L01	
P	173 3	176 1	121013	128	120	14E01	(4E4)
P	176 1	178 5	121014	124	123	14G41*	CALC
P	178 5	180 7	121015	122	122	14G41	
P	180 7	183 2	121016	125	120	14G41*	
P	183 2	185 5	121017	123	111	14L01	(4E)
P	185 5	186 8	121018	113	113	14G141	
P	186 8	187 5	121019	109	106	14L12	(4G4) mms ✓
P	187 5	188 8	121110	113	113	14G41	✓
P	188 8	189 5	121111	107	105	14L141	
P	189 5	191 3	121112	118	118	14G41	
P	191 3	193 1	121113	118	104	14G41	
P	193 1	195 0	121114	119	119	15D14	
P	195 0	198 7	121115	127	127	14G41	END SAMPLING.

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

Meters

FAULT

DDH EAGU066 (2 8)

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: 28 Oct/83 Logged By: _____

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1152	1159	R1					rubble
F	1167	1173	RB					rubble & broken core
F	1216	1314	QJ1					qtz veins
F	1810	1832	RB1					rubble & broken core

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D.D.H. Nº 76-U-66 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10797.703 N 2^N +19.8^m N STARTED APRIL 19, 1976

DEPARTURE 7536.365 E 76W COMPLETED APRIL 20, 1976

ELEVATION 1136.900 M PROPOSED DEPTH

ULTIMATE DEPTH 99.0m

CLAIM Nº

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	176° 26'	+23°

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 70.6%

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	25.9	MASSIVE SULFIDE ZONE (M). Brittle, dense but with	75	+15	0.8/1.5	2374	0	1.5	1.5	10.12	13.52	143.32			15.18	20.28	214.98
		some short intervals of porous sulfide bands. Foli-	75	15	0.5/1.5	2375	1.5	3.0	1.5	8.17	15.09	108.00			12.255	22.635	162.00
		ation completely obliterated. Compositional band-	75	10	0.9/1.5	2376	3.0	4.5	1.5	5.51	10.89	84.69			8.265	16.335	127.035
		ing of Sph-Gal rich parts=50°. Intervening gaps of	80	8	0.9/1.5	2377	4.5	6.0	1.5	4.28	8.52	50.40			6.42	12.78	75.6
		graphitic and bleached sulfides. Crytoxlline silica	80	8	1.2/1.6	2378	6.0	7.6	1.6	7.00	10.20	77.83			11.2	16.32	124.528
		as amygdaloidal fill. 0-3: Broken ground. Core	80	10	1.0/1.5	2379	7.6	9.1	1.5	6.80	9.44	129.26			10.2	14.16	193.89
		composed of Pebble size fragments. 3.3: Porous Sulf.	75	15	1.0/1.5	2380	9.1	10.6	1.5	5.90	9.54	126.17			8.85	14.31	189.255
		15.9-16.7: Graphitic phyllite interval. Soft, fis	75	10	0.8/1.5	2381	10.6	12.1	1.5	5.20	8.95	94.63			7.80	13.425	141.945
		sile and a little clayey but not gougy. Foliations	75	10	1.0/1.6	2382	12.1	13.7	1.6	3.58	8.06	73.71			5.728	12.896	117.936
		are intricate. F_2=50° while F_1=10° and tends to be	75	10	0.8/1.5	2383	13.7	15.2	1.5	5.44	8.93	89.83			8.16	13.395	134.745
		congruent with each other. Contacts broken ground.	40	6	0.5/1.5	2384	15.2	16.7	1.5	3.55	6.17	64.46			5.325	9.255	96.69
		18.2-19.6: Bleached phyllite interval, buff with	40	8	0.5/1.5	2385	16.7	18.2	1.5	3.88	4.20	56.57			5.82	6.30	84.855
		green highlights due to Fuchsite. Foliation pre-	30	8	0.6/1.6	2386	18.2	19.8	1.6	2.75	1.40	34.29			4.40	2.24	54.864
		served=30°. Contacts broken ground.	75	+15	1.4/1.5	2387	19.8	21.3	1.5	8.77	13.21	101.83			13.155	19.815	152.745
		25.9: Contact with bleached phyllite (Sb) =30°	75	10	1.5/1.5	2388	21.3	22.8	1.5	7.59	14.69	111.09			11.385	22.035	166.635
25.9	26.2	BLEACHED PHYLLITE (Sb). Competent. Buff coloured.	75	8	1.4/1.5	2389	22.8	24.3	1.5	7.25	14.25	98.74			10.875	21.375	148.11
		Train of sulfides=5°															

LOGGED BY _____ D.D.H. NO 76-U-66 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		26.2: Sharp contact with graphitic phyllite-30°	0.3/0.3		25.9	26.2	0.3								
26.2	39.2	GRAPHITIC PHYLLITE (Sg). Generally competent but with short			26.2	39.2	13.0								
		intervals of broken ground. Foliation-30° regular fine black													
		and white laminae. F_1 appear to be congruent with F_2.		W.Av.	0	25.9	25.9	5.94	10.49	88.69			153.962	271.540	2297.17
		Short discontinuous quartz stringers cutting across foliation		" "	15.2	18.2	3.0	3.72	5.18	60.51			11.145	15.55	181.53
		at random disposition and often time accompanied by sulfides.													
		36.2-36.4: FAULT. Phyllite fragments, sub-rounded quartz													
		pebbles, minor sulfides association in sticky black gouge.													
		Walls=35°.													
		39.2: Sharp direct contact with MASSIVE SULFIDE ZONE-35°.													
		Py 80 PbZn 15	1.8/1.9	2391	39.2	41.1	1.9	4.68	3.10	56.57					
39.2	41.1	MASSIVE SULFIDE ZONE. Brittle and dense. Compo= 30 6	1.4/1.5	2392	41.1	42.6	1.5	1.33	1.05	21.26			1.995	1.575	31.89
		sitional banding. Po + mgtt.=30° alternating with 30 6	1.5/1.5	2393	42.6	44.1	1.5	1.43	1.13	19.20			2.145	1.695	28.80
		Py and Sph-Gal rich bands. Quartz and calcite as 30 6	1.6/1.6	2394	44.1	45.7	1.6	1.20	0.98	14.06			1.92	1.568	22.496
		associated gangue in from of stringer and or amyg-	1.5/1.5		45.7	47.2	1.5								
		daloidal filling.													
		41.1: Gradual change to Quartz-sericite sulfide.		W.Av.	41.1	45.7	4.6	2.37	PbZn						
41.1	45.7	QUARTZ-SERICITE SULFIDE (Ss). Competent. Foliation-30°.													
		Bands with rich sph and Gal alternating with quartz-sericite													
		white bands.													
		45.7: Gradual change to Bleached Phyllite.													

LOGGED BY _____ D.D.H. NO 76-U66 PAGE 3

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		Light buff colour with greenish tint. Foliation 35-40° (F_1).															
		Minor sulfide showing.															
		45.9: Fold nose.															
		47.2: Sharp contact with Massive sulfide-80°.															
45.7	48.5	MASSIVE SULFIDES. Dense and brittle. Compositional banding			1.5/1.5	2395	47.2	48.7	1.5	2.35	1.68	30.17					
		Py=Po/Mgtt-Py=30°. Calcite associated as included	75	6													
		gangue in groundmass.															
		48.5: Sudden change to bleached phyllite. Broken ground.															
48.5	71.6	BLEACHED SERICITE PHYLLITE (Sb). Competent. Buff with			21.0/23.1		48.5	71.6	23.1								
		greenish tint. Non-calcitic. Short intervals of unbleached															
		sericite phyllite 5cm. Sericite sometime has waxy resinous															
		look and sometime earthy but not clayey. Foliation=30°, F_2=															
		45°. 65.5: FAULT. Thick, gray clay with qtz. pebbles (=10c)															
		71.6: Clean direct contact with MASSIVE SULFIDE-25°.															
			70	8	1.1/1.5	2396	71.6	73.1	1.5	2.53	0.53	45.26					
71.6	99.0	MASSIVE SULFIDE ZONE. Dense and brittle. Inter-	70	8	1.0/1.5	2397	73.1	74.6	1.5	3.98	4.85	60.34					
		vening gaps of bleached phyllite within the zone.	75	10	1.5/1.5	2398	74.6	76.2	1.6	2.08	1.55	37.37					
		Foliation completely obliterated. Compositional	75	15	1.4/1.5	2399	76.2	77.7	1.5	6.70	5.64	111.09			10.05	8.46	166.635
		bands=15° gradually changing to =60°, towards 80.7m	70	8	1.4/1.5	2400	77.7	79.2	1.5	5.80	7.10	84.69			8.70	10.65	127.035
		until end of run. Barite prisms in cavity walls.	75	15	1.5/1.5	2401	79.2	80.7	1.5	6.55	8.07	80.57			9.825	12.105	120.855
		Opalline silica as amygdaloidal fills.	80	10	1.2/1.5	2402	80.7	82.2	1.5	9.33	10.08	138.17			13.995	15.12	207.255

LOGGED BY _____ D.D.H. NO 76-U-66 PAGE 4

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		72.8-73.3: Bleached Phyllite. Greenish Foliation=15°.	60	6	1.3/1.5	2404	83.8	85.3	1.5	1.80	1.00	26.40					
		77.8-80: Bleached phyllite. Broken grd. Greenish.	65	10	1.0/1.5	2405	85.3	86.8	1.5	4.18	3.45	72.69			6.27	5.175	109.035
		82.2-84.4: Broken ground. Sub rounded quartz and	70	10	1.4/1.5	2406	86.8	88.3	1.5	4.50	3.80	54.51			6.75	5.70	8..765
		sulfide pebbles.	60	10	1.2/1.6	2407	88.3	89.9	1.6	5.75	7.45	73.71			7.20	11.92	117.936
		89-89.5: Bleached phyllite. Greenish colour.	75	10	1.0/1.5	2408	89.9	91.4	1.5	6.10	8.78	100.80			9.15	13.17	151.2
		With bull qtz. having Cpy blebs. Broken ground.	80	15	1.5/1.5	2409	91.4	92.9	1.5	6.80	7.72	98.74			10.2	11.58	148.11
		93.5-94.9: Bleached phyllite. Greenish white.	40	8	1./51.5	2410	92.9	94.4	1.5	2.48	2.35	35.31			3.72	3.525	52.965
		Broken ground. Contact. Foliation=40°.	60	8	1.6/1.6	2411	94.4	96.0	1.6	5.25	6.21	79.54			8.40	9.936	127.64
		98.7: Bleached phyllite. Contact-35°. Foliation	70	10	1.4/1.5	2412	96.0	97.5	1.5	5.90	8.02	100.80			8.85	12.03	151.2
		marked by sulfide train-30. Greenish white.	70	10	1.4/1.5	2413	97.5	99.0	1.5	6.20	8.88	105.94			9.30	13.32	158.91
	99.0	END OF HOLE. Hole ends in mineralized bleached phyllite.															
						W.Av.	76.2	82.2	6.0	7.09	7.73	103.63			42.570	46.335	621.780
						W.Av.	85.3	88.3	3.0	4.34	3.62	63.6			13.02	10.875	190.800
						W.Av.	88.3	99.0	10.7	5.50	7.05	84.82			58.82	75.481	907.555

DDH: FAGU049 UTM-N: 905,033.4 UTM-E: 592,335.2 UTM-ELEV: 1,133.9 TOTAL DEPTH: 82.2 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
14.1	0001	4C5	(4D5) [4AC &4 PHYLLITIC]	0.0	1
21.3	0002	4L14	[4DL]	0.5-	1
24.8	0003	3G0	9 V. MINOR (4AD (5D4*)) MINOR	0.5-	1
28.7	0004	5D4*		0.5-	1
33.1	0005	3G0	(10Q$) 97:03	0.5-	1
33.3	0006	5D4*		0.5-	1
35.3	0007	3G0	(10Q$) SPECKLED	0.5-	1
35.6	0008	4L24		0.5-	1
36.5	0009	3G0	-> 3G46	0.5-	1
36.8	0010	5D4*		0.5-	1
39.6	0011	3G0	WEAK SPECK (10Q$) 95:5	0.5-	1
40.2	0012	5D4*		0.5-	1
56.7	0013	3G0	WEAK SPECK (1CQ$) 93:7	0.5-	1
56.9	0014	4L0	AFTER 3G	0.5-	1
58.4	0015	3G0	(10Q$#)	0.5-	1
58.6	0016	5D4*		0.5-	1
59.2	0017	3G0	(10Q$) 70:30	0.5-	1
61.1	0018	5D4*	(4L0) 80:20	0.5-	1
68.2	0019	3G0	SPECKLED-MINOR (10Q$ &0)	0.5-	1
68.4	0020	4L2		0.5-	1
69.4	0021	3G0	6 MINOR (10Q$) 80:20	0.5-	1
69.7	0022	4L24	&1 AFTER 4A	0.5-	1
71.6	0023	3G48	->4L0 (10Q$) 95:05	0.5-	1
76.2	0024	5C*	(4C0) (4L24 &1)	0.5-	1
82.3	0025	4C5	-> 4L14 (5D4*) [4AL -> 4DL]	0.5-	1

DDH: FAGU049 UTM-N: 905,033.4 UTM-E: 592,335.2 UTM-ELEV: 1,133.9 TOTAL DEPTH: 82.2 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU049	0.0	2.2	CS2	0	0	0	0	1	230	0	1	1	1
FAGU049	0.0	7.0	CS2	0	0	0	0	10	230	0	1	1	1
FAGU049	0.0	10.7	CS2	0	0	0	0	19	230	0	1	1	1
FAGU049	0.0	22.3	CS2	0	0	0	0	40	230	0	1	1	1
FAGU049	0.0	25.7	CS2	0	0	0	0	28	230	0	1	1	1
FAGU049	0.0	31.3	CS2	0	0	0	0	29	230	0	1	1	1
FAGU049	0.0	35.4	CS2	0	0	0	0	42	230	0	1	1	1
FAGU049	0.0	39.8	CS2	0	0	0	0	52	230	0	1	1	1
FAGU049	0.0	46.5	CS2	0	0	0	0	44	230	0	1	1	1
FAGU049	0.0	53.5	CS2	0	0	0	0	46	230	0	1	1	1
FAGU049	0.0	58.2	CS2	0	0	0	0	25	230	0	1	1	1
FAGU049	0.0	61.6	CS2	0	0	0	0	48	230	0	1	1	1
FAGU049	0.0	67.1	CS2	0	0	0	0	23	230	0	1	1	1
FAGU049	0.0	73.0	CS2	0	0	0	0	34	230	0	1	1	1
FAGU049	0.0	77.4	CS2	0	0	0	0	40	230	0	1	1	1
FAGU049	0.0	82.0	CS2	0	0	0	0	62	230	0	1	1	1

DDH: FAGU049 UTM-N: 905,033.4 UTM-E: 592,335.2 UTM-ELEV: 1,133.9 TOTAL DEPTH: 82.2 SECTION: W 74
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
FAGU049	14.0	14.5	X		0	0	0	0	0	0	1
FAGU049	17.8	18.1	XS		0	0	0	0	0	0	1
FAGU049	18.8	19.1	XS		0	0	0	0	0	0	1
FAGU049	19.5	19.8	XS		0	0	0	0	0	0	1
FAGU049	20.0	20.4	XS		0	0	0	0	0	0	1
FAGU049	21.1	21.3	XS		0	0	0	0	0	0	1
FAGU049	66.3	66.4	G		0	0	0	0	0	0	1

DDH: FAGU049 UTM-N: 905,033.4 UTM-E: 592,335.2 UTM-ELEV: 1,133.9 TOTAL DEPTH: 82.2 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU049	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U049

Project: GRUM RELOG

Location: VANGORDA PLATEAU

Claim:

Terr. Plane Co-ords.: UTM 6,905,033.43 N

592,335.21 E

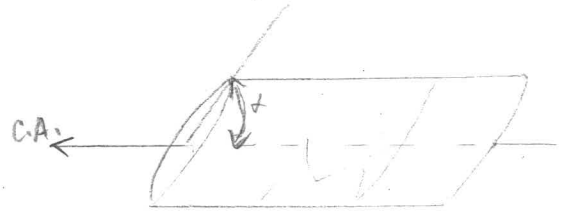
Conversion of K-A surveying grid coords

Grid Co-ords.: 74W | 6N

Elevation: 1133.93

Total Depth: 82.3 m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Purpose:

Logged by: PN (RE)

Date(s) Logged: AUG 12/80

Drilling Contractor:

Core: Size From To

BQ 0 EOH

Collar Cased and Capped:

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

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 76-U049

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U049	1133.9	9050333.4	592335.2	METRES

222.7 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U049	0 0	89.2	222.1	AT COLLAR
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH 76-049 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PN

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	10 0	17 4	1	4 A L	4L14 [4AL] ?? ; or more commonly known as phyllite & 4AO very slightly calcareous in spots; graphite content decreases towards bottom of hole; 5% PbZn; brecciated 14.0 – 14.5 m; brecciated & sheared 17.8 – 18.1 m, 18.8 – 19.1, 19.5 – 19.8, 20.0 – 20.4 m; 21.1 – 21.3 m
L	14 1	21 3	2	4 D L	[4L14?] no unit 1 but w/ sericitic bands instead of graphitic phyll; 4% PbZn
L	21 3	61 8 5	3	5 B 16	minor py; very slightly calcareous; talcy; few ankerite crack fillings; calcareous bleached 5D4 at 28.3 & 28.4 – 28.7; 33.0 – 33.1 m, 36.4 – 36.8, 39.7 – 40.1, 56.7 – 57.1, 59.2 – 59.9 m; few qtz – calcite, qtz – ankerite veins; 4L1 w/ py & lesser PbZn 35.3 – 35.7, 41.5 – 41.7, 62.1 – 62.4 m; minor bt development 59.9 – 62.0 m; minor po; gouge 66.3 – 66.4 m;
L	68 5	71 6	4	4 L 1	w/ minor sulphides + po; qtz – pink calcite veins & lenses; little cpy;
L	71 6	71 6 2	5	5 D 14	calcareous; generally dk. brown colour; few qtz bands; laminated; minor po blebs; lighter colour & more calcareous 73.8 – 74.0 m; more massive 74.0 – 74.3 m; 5C w/ calcareous & chl blebs (?) 75.4 – 75.9 m, dk. green colour;
L	71 6 2	81 2 3	6	4 A L	1½ 3% PbZn; bleached calcareous 5D4 w/ manganese 76.6 – 76.8 m, 78.0 – 78.1 m; minor graphitic bands 81.9 – 82.3 m; 4L14 [4BL] interbanded w/ 4AL (units 1 & 2);

SEE next page

DDH FAG4049 (2) RELOG (8) — Cyprus Anvil Mining Corp. — Page 1 of 1

Lithologic Log — Date: 28 Aug 82 — Logged By: GAT / DSJ

#3

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	24 3	28 4			3GQ	v.v. minor 9 as S_2 folia ; normal ;
						strongly S_2 fold ⇒ PS2 ; v. thin
						sst. lams w/ much flattening ⊥ S_1
						& micro lams of sst ; 24.6 - 24.8
						= 4AO w/ excell exhal texts & blk.
						cherty matrix & 5D4* microtuff
						toward base of meso-cm band
L	28 4	28 7			5D4*	lam.d. ; prob. tuff
L	28 7	33 1			3GQ	(OQ*) = 3% w/ thicker qtz-sst. lams. than above "speckled"
L	33 1	33 3			5D4*	
L	33 3	35 3			3GQ	(OQ*) "speckled"
L	35 3	35 6			4L24	2 = pyritic gtzose bands ⊥ S_2 w/ minor ZnS
L	35 6	36 5			3GQ	⇒ 3G46 6 = v. minor py + ZnS
L	36 5	36 8			5D4*	as above
L	36 8	39 6			3GQ	wkly spkld (OQ*) = 5%
L	39 6	40 2			5D4*	
L	40 2	56 7			3GQ	" " (OQ*) = 7.3% as S_2 folia/lams masses
L	56 7	56 9			4L0	no carbonate, relict 3GQ texture
L	56 9	58 4			3GQ	(OQ*) * = dol + cal
L	58 4	58 6			5D4*	
L	58 6	59 2			3GQ	(OQ*dol) 70 : 30
L	59 2	61 1			5D4*	(4L0) 80 : 20
L	61 1	68 2			3GQ	as above ; ⊥PS2 ; minor spkld (OQ*±C)
L	68 2	68 4			4L2	gnish cream, normal ; no $CO_3^=$
L	68 4	69 4			3GQ	as above ; minor 6 as S_2 X-cutting veinlets
						(OQ*dol) = 20%
L	69 4	69 7			4L24	±1 ; thin gtz-sulf bands sep.d by thin
						1cm thick lt. gnish cream w/ 4A-like textures — could be bleached 4A
L	69 7	71 6			3G48	⇒ 4L0 (OQ*) 5% after 3G
L	71 6	76 2			5C*	barren (4C0) after 4A (4L24±1)
						4C / 4L ≈ 72.8 - 73.1 & may not be in place
						or could be interbanded w 5C* ; 4D0 ⇒
						4L24 @ 75.7 - 75.9

DDH 76-U049 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: PN

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		12	CS2			010 230	S2 ∥ C.A. from 2.2-3.5 mj
S		70	CS2			110 230	
S		107	CS2			19 230	
S		223	CS2			40 230	
S		257	CS2			28 230	
S		313	CS2			29 230	
S		354	CS2			42 230	
S		398	CS2			52 230	
S		465	CS2			44 230	
S		535	CS2			46 230	
S		582	CS2			25 230	
S		616	CS2			48 230	
S		671	CS2			23 230	
S		730	CS2			34 230	
S		774	CS2			40 230	
S		820	CS2			62 230	
		EOH					

DDH EAG0049 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
	140	145	XS					
	178	181	XS					
	188	191	XS					
	195	198	XS					
	200	204	XS					
	211	213	XS					
	663	664	G					

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

DIAMOND DRILL RECORD

LOGGED BY A.Y. Po

D.D.H. Nº U-49 PAGE 1/5

PROPERTY GRUM

LATITUDE 10825.927 5+23 S

DEPARTURE 7648.088 7400 +210 W

ELEVATION 1144.5 m

STARTED MARCH 24, 1976.

COMPLETED MARCH 25, 1976

PROPOSED DEPTH

ULTIMATE DEPTH 82.3

HOLE SURVEY:		
DEPTH	BEARING	DIP
~~823~~	~~[illegible]~~	~~0~~
Collar	222°39'01"	+00°50'
No Sperry Sun survey.		
H.D. =	82.29	
V.D. = +	1.19 (1145.74 ft.)	

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	13.7	Qtz.-sulfide; highly siliceous; competent. Distinct F_2 ∠10°±5° oftentimes with parallel sulfide bands 0.5-1 cm. F_1 ∠30°±5° defined by alternating and sometimes interlacing qtz-sulfide bands. Sulfide stringers 0-5° occassionally cut across F_2, feeding into the sulfide bands. Minor sericites in fx	30°-45°												
		Pb Zn													
		0-1.5 - very distinct crenulated F_1. Sulfides some- times parallel, oftentimes cutting across the plane. 25 4	1.4/1.5	2004	0	1.5	1.5	2.08	3.80	35.31			3.12	5.70	52.965
		1.5-4.7 - same as above; fold nose at 2.5. Local concentration of sph and clots of pb 28 6	3.0/3.2	2005		4.7	3.2	1.28	2.55	21.26			4.096	8.16	68.032
		4.7-6.1 - same as above, F_1 distinct with sulfide stringers cutting across it. 30 8	1.4/1.4	2006		6.1	1.4	2.05	3.90	32.23			2.87	5.46	45.122
		6.1-7.6 - same as above, with lesser sulfide showing 20 6	1.5/1.5	2007		7.6	1.5	2.28	3.85	35.31			3.42	5.775	52.965
		7.6-9.1 - Local concentration of banded sulfides. Vugs 20 6 lined w/ xlline Ba - at 8.6 m. Traces of graphite along F_2 plane	1.5/1.5	2008		9.1	1.5	0.93	1.60	17.14		0	1.40	2.40	25.71
				Wt. Av	0	7.6	7.6	1.78	3.50	28.83		0	13.506	25.095	219.084
				Wtd.	4.7	7.6	2.9	2.17	3.87	33.82			6.29	11.235	98.087
				" "	0	9.1	9.1	1.64	3.02	26.90			14.91	27.5	244.78

DIAMOND DRILL RECORD

LOGGED BY A.Y. Po

D.D.H. Nº 11-49 PAGE 2/5

PROPERTY GRUM

LATITUDE _____ STARTED _____

DEPARTURE _____ COMPLETED _____

ELEVATION _____ PROPOSED DEPTH _____

ULTIMATE DEPTH _____

HOLE SURVEY:		
DEPTH	BEARING	DIP

CLAIM Nº _____

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Fy	Zn	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		9.1 - 12.2 - same as above. Highly siliceous.															
		Bands of sulfides parallel w/ F_2, occasionally also															
		cutting across it. Sericite increasing.	30	8	3.0/3.1	2009	9.1	12.2	3.1	1.65	4.85	21.26			5.12	15.04	65.91
		12.2 - 13.7 - Very distinct Fz marked by sericite, bands															
		of quartz and sulfide rich laminaes. Shearing															
		at 13 - 13.7 - parallel to F_2 - marked by gritty															
		gouzy material	25	6	1.5/1.5	2010		13.7	1.5	1.75	3.60	25.37			2.625	5.40	38.055
13.7	19.8	Qtz sulphide; highly siliceous, competent.															
		F_2 distinct ~40° ± 5° marked by parallel, sometimes															
		interlacing bands of qtz and sulfide rich laminaes.															
		local zn rich stringers cutting across and sometimes															
		parallel to F_2. Crenulated F_1 - 30° ± 5° marked by sericite															
		w/ sulfide stringers. ~~Short~~ small shearing zones near															
		middle and end of run. Details ~															
		13.7 - 15.3 - Same as above. Bx at 14.0 - 14.5 ~ frag-															
		ments of sulfides and quartz pebbles 1-3 cm. completely															
		healed by quartz	20	4	1.4/1.6	2011	13.7	15.3	1.6	2.28	3.20	31.20			3.648	5.12	49.92

DIAMOND DRILL RECORD

LOGGED BY A.Y.P

D.D.H. Nº U-49 PAGE 3/1

PROPERTY GRUM

LATITUDE STARTED

DEPARTURE COMPLETED

ELEVATION PROPOSED DEPTH
ULTIMATE DEPTH

HOLE SURVEY		
DEPTH	BEARING	DIP

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION			Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		15.3-16.7 - Same as above	25	6	1.4/1.4	2012	15.3	16.7	1.4	2.10	3.30	31.20			2.94	4.62	43.68
		16.7-18.2 - Shattered ground at 17.3-17.7 characte-	30	4	1.3/1.5	2013		18.2	1.5	1.73	2.78	27.43			2.595	4.17	41.145
		rized by sericite and gritty clayey material.															
		18.2-19.8 - Shattered ground 18.5-19.2 Fragments	28	6	1.4/1.6	2014		19.8	1.6	2.25	5.60	42.51			3.6	8.96	68.016
		of sulphides and quartz pebbles cemented by sericitic															
		clay															
19.8	21.3	QTz sulphide, sheared and brecciated. Sulfides and	30	4	1.0/1.5	2015		21.3	1.5	2.95	9.63	53.49			4.425	14.445	80.235
		Qtz fragments cemented by sericitic clay.															
		local concentrated clots of sulfides in places.				Wt. Av.	7.1	21.3	12.2	2.05	4.73	31.72	✓		24.96	57.76	386.96
21.3	41.1	Qtz-ser phyllite w/ short runs of bleached phyllite. Partly Fissile				W1.Av	12.2	18.2	6.0	1.97	3.22	28.80		0	11.808	19.31	172.800
		Distinct F_2 - 40° sometimes changing down to 20°.				Wt. Av	12.2	21.3	3.1	2.59	7.55	47.83		0	8.025	23.405	148.251
		F_1 crenulations 30° in bet. F_2 bands.															
		25.4-25.7 - bleached phyllite laminae's.															
		36.5-36.6. Shear, phyllite fragments cemented by ser clay															
		36-36.8 - bleached phyllite, contacts gradational															
		38.6-40.2 - bleached phyllite; contacts marked by bull qtz															
		Overall good core recovery ≥ 90%															

DIAMOND DRILL RECORD

LOGGED BY A.Y.

PROPERTY GRUM

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

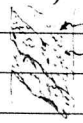
ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: _____

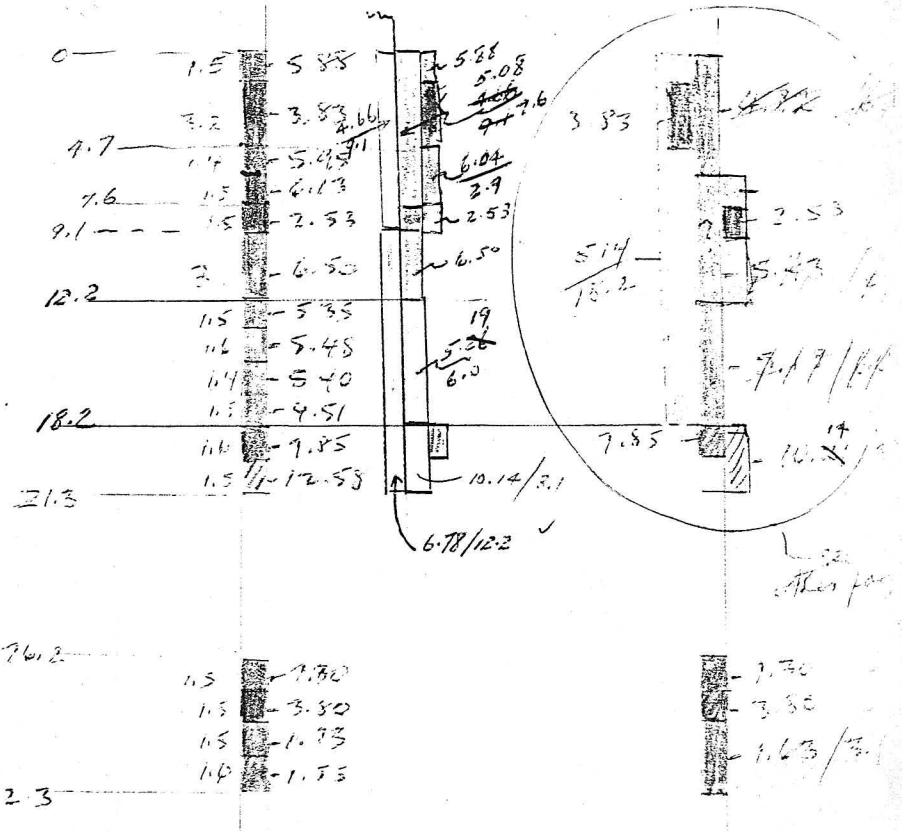
D.D.H. No. U-49 PAGE 4/6

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

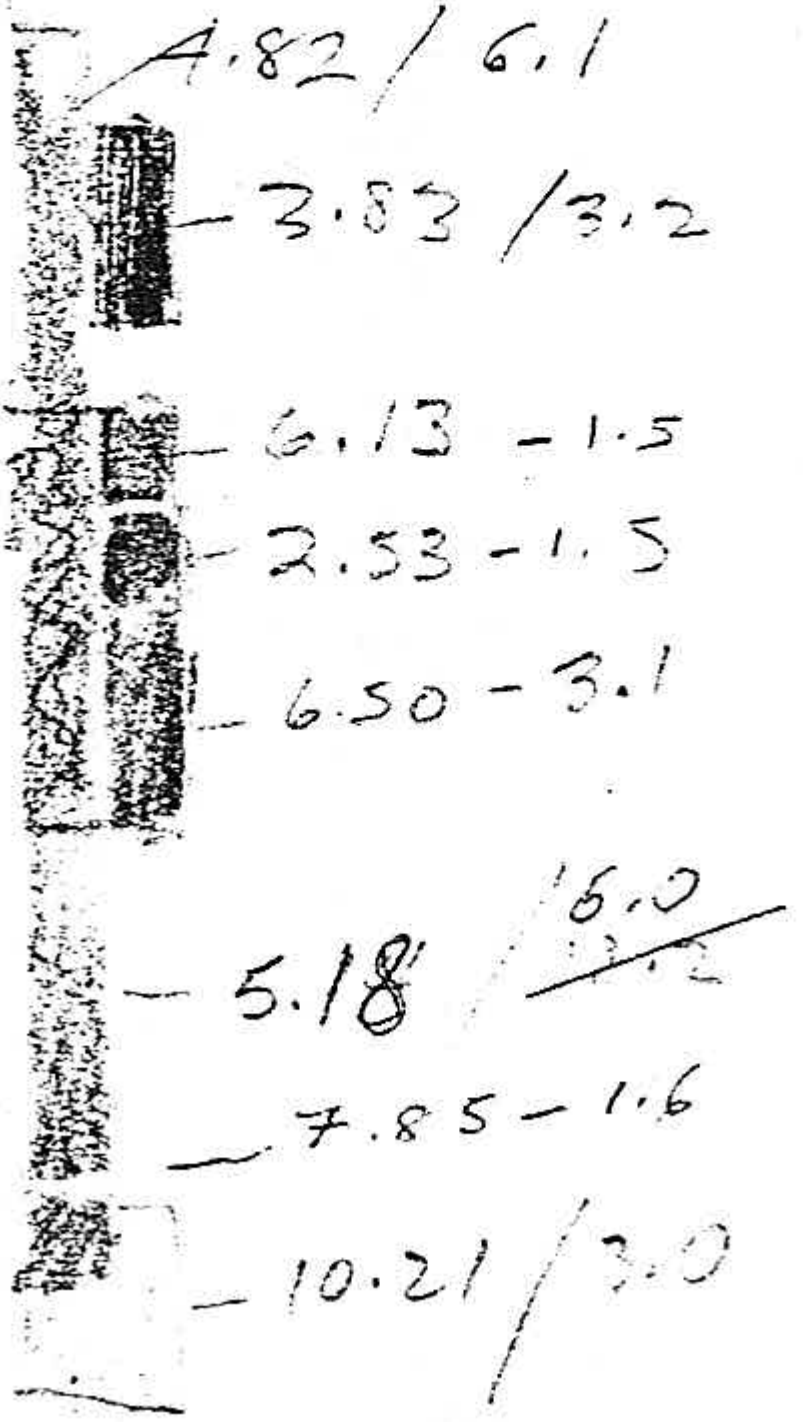
FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
41.1	57.9	QTz-Ser phyllite Generally same to previous run. F_2 ~40°, F_1 20° and off-setted by F_2. Very minor discontinuous trains of sulfides parallel to F_2 and partly F_1. With short runs of bleached phyllites. Competent													
		45.8-45.9 - shear zone. Bx bull quartz w/ sericitic clay													
		54.8-54.9 - shear zone. Bx'ed phyllite and bull qtz. cemented by sericitic clay													
		56.7-57.2. Bleached phyllite. Contacts marked by bull qtz. and chlorites.													
		CLEAVAGE GOOD RECOVERY - >90%													
57.9	70.1	QTz-SER, COMPETENT. Distinct F_2 40° and F_1 20°. F_1 defined by fairly regular laminaes transposed by F_2.  Sericite bands in F_1 exhibit small folding, axial plane // parallel to c a.													
		Very minor sulfides sporadically distributed.													
		66.4-67. Shearing. Phyllite & qtz fragments cemented by clay and sericite flakes.													



96 ft. 49

Flat (23")

checked by JL


4.82 / 6.1
3.83 / 3.2
6.13 - 1.5
2.53 - 1.5
6.50 - 3.1
5.18
6.0
7.85 - 1.6
10.21 / 3.0

DIAMOND DRILL RECORD

LOGGED BY A Y

PROPERTY GRUM

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: _____

D.D.H. No. U-49 PAGE 5/5

CLAIM No. _____

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
70.1	76.2	QTz - Sericite. competent, well defined F_2 45°, F_1 10°. Occassional sulfide Showings sporadically distributed with the qtz band. Pyrrh clots in 70.1 - 70.2. Good core recovery > 90%
76.2	82.3	QTz sericite sulfides, competent; well defined alternating bands of qtz-ser-sulfides defining F_2 40° and partly F_1. F_1 axial plane parallel to F_2 and oftentimes the two merges Sheet runs of bleached phyllites. Details:
		76.2 - 77.7 - Bleached phyllite @ 76.5 - 77.5
		77.7 - 79.2 - Sulfide concentration 78.7 - 78.6 in bleached phylite Rest are very siliceous ~~host~~ rock
		79.2 - 80.7 - see general description.
		80.7 - 82.3 - Shear at 81.1 & 81.2, healed by quartz and partly w/ sericitic clay - Partly chloritic gradness
		END OF HOLE IN SULFIDE ZONE

Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
1.5/1.5	2016	76.2	77.7	1.5	2.15	5.15	33.26					
1.5/1.5	2017	77.7	79.2	1.5	1.65	2.15	20.23					
1.5/1.5	2018	79.2	80.7	1.5	1.35	0.38	12.00			2.025	0.57	18.00
1.6/1.6	2019	80.7	82.3	1.6	1.35	0.20	10.97			2.16	0.32	17.552
	W.A.V.	79.2	82.3	3.1	1.63	Pt 2%				4.185	0.89	

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 30 OCT 1984 4:19 PM

DDH: FAGU049 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1134 592335E ; 905033N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 550.0 Z = 1134.4

SECTION NAME: 74W

82.2 METRES

5.3
5.2
4.5
3.8
3.0
2.3
0.0
DDH-METRES

8825
8824
8823
8822
8821
8820
8819
8818
8817
8816

25
20
15
10
5
ELEV 1134

4C5 '-> 4L14 (5D4*) C4AL -> 4DLJ

5C* '(4CO) (4L24 &1)

3G48 '->4LO (10Q$) 95:05

4L2 /3GO /4L24

3GO 'SPECKLED-MINOR (10Q$ &O)

5D4* '(4LO) 80:20

5D4* /3GO (10Q$#)
3GO
4LO

3GO 'WEAK SPECK (10Q$) 93:7

5D4*
3GO 'WEAK SPECK (10Q$) 95:5

4L24 /3GO /5D4*
3GO '(10Q$) SPECKLED
5D4*

3GO '(10Q$) 97:03

5D4*

3GO '9 V. MINOR (4AO (5D4*) MINOR

4L14 'C4DLJ

4C5 '(4D5) C4AO &4 PHYLLITIC

DDH: FAGU049 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

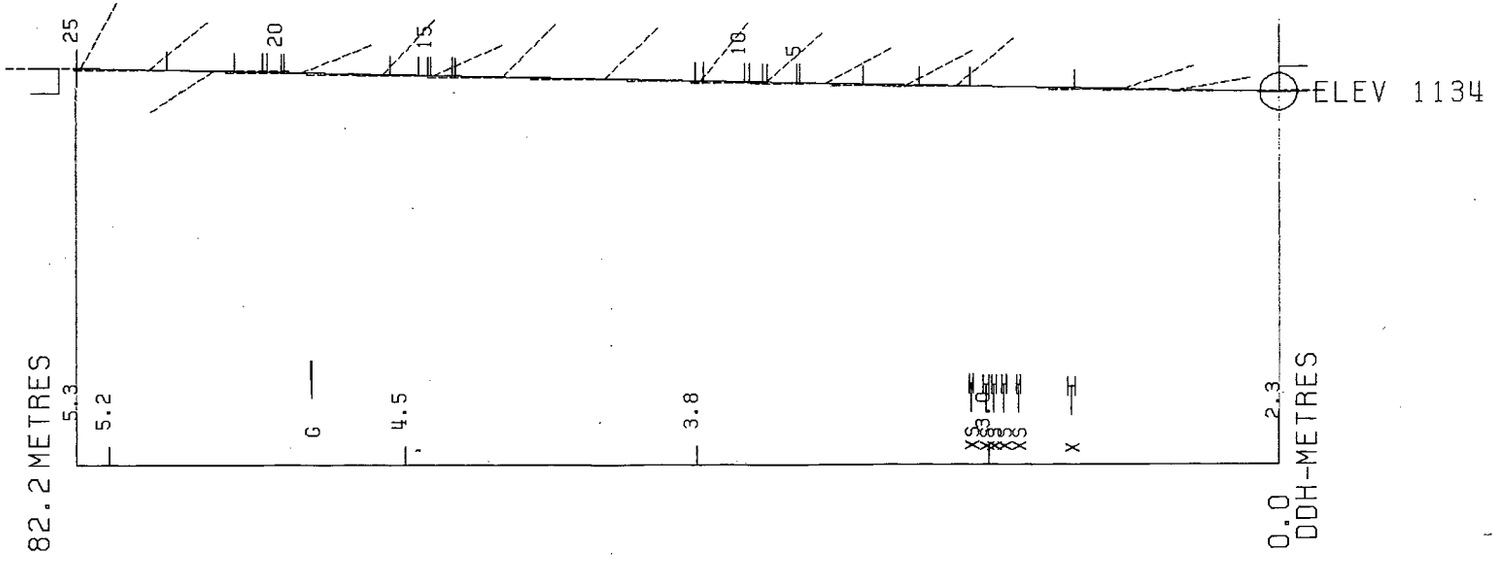
ELEV: 1134 592335E ; 905033N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 550.0 Z = 1134.4

SECTION NAME: 74W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 30 OCT 1984 4:18 PM



DRILL HOLE : FAGU050
NORTHING : 905,033.1
EASTING : 592,336.0
ELEVATION : 1,133.9
TOTAL DEPTH : 91.4
SECTION : W 74
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 0

DETAIL RECORD COUNTS:

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

DDH: FAGU050 UTM-N: 905,033.1 UTM-E: 592,336.0 UTM-ELEV: 1,133.9 TOTAL DEPTH: 91.4 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	89.400	189.000

DDH: FAGU050 UTM-N: 905,033.1 UTM-E: 592,336.0 UTM-ELEV: 1,133.9 TOTAL DEPTH: 91.4 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
91.4	OC01	XXXXX	NOT LOGGED BY CAMC	0.0	1

DDH: FAGU050 UTM-N: 905,033.1 UTM-E: 592,336.0 UTM-ELEV: 1,133.9 TOTAL DEPTH: 91.4 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH	SEGMENT NOS	COND INDICATOR
FAGU050	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU 050

Fabric Orientation Diagram:

Project: _____

Location: _____

Claim: _____

UTM ~~Terr.~~ Plane Co-ords.: 6905033.125 N

conversion of K-A surveyed grid co-ords

592336.0277 E

Grid Co-ords.: 74 +1.5W / 5 + 24.5N

_____

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

Elevation: 1133.909 m.

Total Depth: 91.4 m.

Purpose: _____

Logged by: _____ Date(s) Logged: _____

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

_____ _____ _____

_____ _____ _____

_____ _____ _____

Started: March 25/76 Completed: March 26/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH FAGW-050
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U050	1133.9	9050331.1	592336.0	METRES

189.0 for True North

Code	Drillhole	Depth		Zenith Angle		True Azimuth	Comments
1	2 8	10	14	22	26	28 32	34 56
R	76-U050	0	0	89.4		187.5	AT COLLAR
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	

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

DDH F.A.G.U.0.5.0 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	100	914		1	XXXXXX	NOT LOGGED BY CAMC

Typed W.P.

DIAMOND DRILL RECORD

LOGGED BY Glenn Jutan March 26/76

PROPERTY Crum Joint Venture (Underground)

D.D.H. No. 76 U 50 PAGE 1/5

LATITUDE 10825.6 (5+24.5) BEARING OF HOLE 189°-02'53" STARTED March 25/76

DEPARTURE 7643.9 (74+1.5) DIP OF HOLE -0- +03'7' COMPLETED March 26/76

ELEVATION 1144.5m DIP TESTS ~~mixed~~ Azmt 159 DEPTH Proposed: Ultimate: 91.4

CLAIM No.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	F_1	F_2	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	56.8	Quartz ~~Sericite~~ Sulphide ~~Phyllite~~ with Sericite dark grey, mod foliation @ 5°-15° locally variable as noted below, F_1 @ 90° to F_2 drag folded and offset along F_2, av. 80 ± 10°; sericite av. 10% highly siliceous, sulphides (av 15%) as bands vary in width from <1mm to 2cm, follow either F_1 or F_2 structures; competent minor fracturing @ 45°, 70° details	8	4	2.9/	2026	0	3.0	3.0	2.05	3.68	43.54			6.15	11.04	130.62
			8	3	3/	2027	3.0	6.1	3.1	1.30	2.75	17.14			4.03	8.525	53.13
			6	3	3.0/	28	6.1	9.1	3.0	1.50	3.83	25.37			4.50	11.49	76.11
		0-10.7 qtz sulphide, as above, sheared 9.5-9.8	4	2	1.5/	29	9.1	10.7	1.6	0.80	1.75	14.06	2.55	Tr Zn			
		10.7-12.2 bleached sericite chlorite phyllite pale yellow green, F_2: S, competent	4	4?	1.4/ (0.3)/1.5	(bleached phyllite) 30	10.7	12.2	1.5	9.72	12.48	150.17			14.58	18.72	225.25
		12.2-16.0 qtz sulphide in highly fractured and broken, as course gravel	4	3?	(0.3)/1.5	31	13.7	15.2	1.5	2.93	3.30	44.23			4.395	4.95	66.345
			5	3?	(0.8)/1.6	32	15.2	16.8	1.6	3.20	3.95	52.46			5.12	6.32	83.936
		16.0-24.8 qtz. sulphide, competent, F_2 poorly defined and variable 0-30°	5	7	1.5/	33	16.8	18.3	1.5	7.57	11.31	136.12			11.355	16.965	204.18
			5	8	1.5/	34	18.3	19.8	1.5	7.87	11.46	147.09			11.805	17.19	220.635
		24.8-29.4 as above, fractured and broken	3	5	1.4/	35	19.8	21.3	1.5	2.38	3.75	41.49			3.57	5.625	62.235
		sheared @ 25.3-25.4 and 27.9-28.1	4	5	1.6/	2036	21.3	22.9	1.6	2.93	5.86	49.37			4.688	9.376	78.992

DIAMOND DRILL RECORD

LOGGED BY BJ

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. U-50 PAGE 2/5

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Py	Pb Zn
		29.4-30.2 fault gouge dark grey mud with fragments of qtz sulphide range to 2 cm diam.	4	5
		30.2-30.6 qtz. sulph. competent	4	4
		30.6-31.2 fault gouge as describe above	4	4
		31.2-31.9 qtz. sulphide, sheared		
		31.9-32.4 qtz sulphide, fractured broken		
		32.4-32.7 fault gouge, as above		
		32.7-38.9 qtz sulphide, parting along F_2 common F_2: 5°, also fracturing @ 30°, 80° sulphide content av. 2% tr Pb Zn as diss. in qtz rich bands parallel F_2.		
		38.9-42.7 as above, competent, 4% sulphide mainly py tr sph, gal		
		42.7-45.7 as above generally competent highly fractured @ 43.7-44.2, 45.2-45.5	Py 4	Pb Zn 3
		45.7-48.8 as above broken fractured 47.1-47.5	Py 4	Pb Zn 3

Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
1.5/	2037	22.9	24.4	1.5	3.38	7.09	58.63			5.07	10.635	87.945
1.3/	38	24.4	25.9	1.5	4.25	7.59	75.77			6.375	11.385	113.655
1.3/	39	25.9	27.4	1.5	4.70	7.85	77.83			7.05	11.775	116.745
2.7/	40	27.4	30.5	3.1	2.65	4.30	44.23			8.215	13.33	137.113
(1.0)/1.5	2041	30.5	32.0	1.5	5.31	10.55	80.57			7.965	15.825	120.855
0.3/0.5												
02/0.3	W.Av	0	9.1	9.1	1.61	3.41	28.56			14.68	31.055	259.896
5.4/6.2	W Av	12.2	32.0	19.8	4.55	5.18	26.66			90.188	102.596	528.17
	W.Av	13.7	16.8	3.1	3.07	3.63	48.47			9.515	11.27	150.25
	W.Av	16.8	19.8	3.0	2.72	11.38	141.665			23.160	34.155	424.995
2.8/3.0	2042	42.7	45.7	3.0	2.18	2.55	30.17					
2.4/3.0	2043	45.7	48.8	3.1	5.71	2.80	62.40					

DIAMOND DRILL RECORD

LOGGED BY SJ

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. U-50 PAGE 3/5

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		48.8-50.3 as above, competent P_y 5, Pb Zn 2	15/1.5	3044	48.8	50.3	1.5	2.90	1.40	36.34					
		50.3 - 56.8 as above, generally competent, fracturing	6.2/6.5												
		@ 70°, cummaparting along F_2 = 10°													
		(but locally steepens to 60°), 10%													
		sulphide mainly py with tr. spl. gal.													
		sulphide mainly follow F_2 struct.													
		second contact grs. vein 10cm wide													
		@ 30°													
56.8	61.0	Quartz Sericite Phyllite ± Chlorite	4%/4.2												
		dark blue green, well foliated F_2 = 10°, competent													
		minor fracturing @ 70°, 40°, chlorite as fine													
		bands parallel F_2, 60.7-60.8 massive chlorite,													
		4% sulphide py ± spl ± gal. as irregular stringers													
		x-cutting F_2; second contact gradational													
61.0	67.3	Sericite Phyllite ± Graphite	6.3/6.3												
		dark grey black, F_2 generally poorly defined													
		@ 5°, F_1 distinctive @ 30° ± 10° locally													

DIAMOND DRILL RECORD

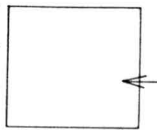
LOGGED BY JJ

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

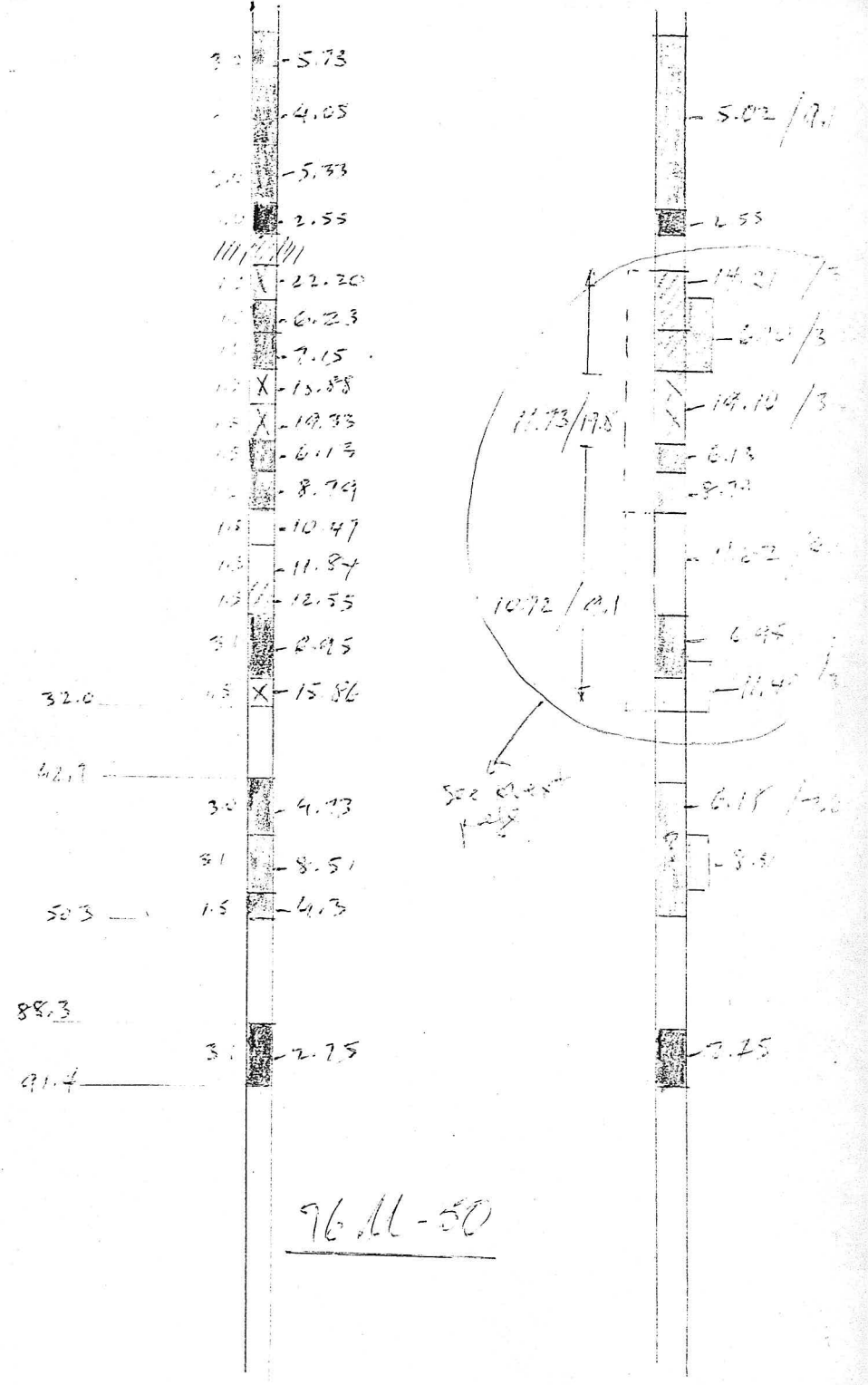


DIRECTION AND DISTANCE FROM NE. CLAIM POST

D.D.H. No. U-50 PAGE 4/5

CLAIM No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		merges with F_2; competent minor fracturing @ 80°, av. 8% sulphides as bands parallel F_1, py ± sphegal tpo, 65.3 - 65.6 and 66.9-67.1 av. 3% Pb Zn, av. 10% graphite, locally (e.g.) 62.1-62.5 63.7-64.0 graphite av. 30%; qtz vein @ 20° @ 64.4-64.8 milk white with inclusions of brown carb. (2%) and sulphide (1%)													
67.3	85.3	Quartz Sericite Phyllite dark grey-black, well foliated F_2: 10°±5°, F_1 generally @ 90° + F_2, cA: 90°-70°, competent minor fracturing @ 70° qtz veins @ 30°, av. 10cm wide, @ 68.0, 71.6, 74.0, 75.2, 80.0-80.5, 83.8. second contact marked by sheared bleached phyllite.	17.6/18.0												
85.3	86.9	Graphite Sericite Phyllite	1.5/1.6												


5.73
4.05
5.33
2.55
22.20
6.23
7.15
13.88
19.33
6.13
8.79
10.47
11.84
12.55
8.95
15.86
4.13
8.51
4.3
2.75
32.0
42.7
50.3
88.3
91.4
5.02
2.55
14.21
6.12
14.10
6.13
8.79
11.02
6.95
11.40
6.18
8.3
7.25
11.73/19.8
10.72/8.1
See Detail
96.11-50

DDH: FAGU117 UTM-N: 905,040.2 UTM-E: 592,343.4 UTM-ELEV: 1,133.1 TOTAL DEPTH: 61.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.4	08750	2.4	.9	4A14	3.38	.03	1.91	4.10	47.00		.75	1	16	17						
2.4	4.8	08751	2.4	2.0	4A14	3.66	.02	1.24	3.90	35.00		.89	1	24	25						
4.8	7.2	08752	2.4	2.4	4A14	3.25	.03	1.30	3.70	33.00		.82		14	15						
7.2	9.6	08753	2.4	2.3	4A14	3.33	.04	2.40	6.20	46.00		.89	1	14	15						
15.7	17.4	08754	1.7	1.3	4ECO	3.52	.06	1.36	3.00	35.00		1.58	2	17	19						
17.4	18.1	08755	.7	.7	4A4	3.08	.01	4.40	7.30	75.00		.89	1	6	7						
18.1	18.6	08756	.5	.5	4D4	3.15	.01	4.30	7.20	71.00		.75	1	7	8						
18.6	19.2	08757	.6	.6	5D4	2.95	.07	.52	1.20	10.00		.27	3	2	6						
19.2	19.8	08758	.6	.6	4A4	4.12	.01	6.80	6.90	101.00	105.00	1.58	1	13	15						
19.8	20.4	08759	.6	.6	5D4	2.87	.04	.13	.13	5.00		.21	4	1	5						
20.4	21.8	08760	1.4	1.3	4D45	3.37	.02	6.00	11.10	100.00		.75	2	8	11						
21.8	22.9	08761	1.1	1.1	5D4	2.88	.02	.18	.21	8.00		.27	5	1	6						
22.9	23.4	08762	.5	.5	4DE	3.49	.06	3.70	9.70	66.00		.89	1	13	15						
WEIGHTED AVERAGE																					
.0	9.6		9.6	7.6		3.40	.03	1.71	4.47	40.25		.83	1	17	18						
15.7	23.4		7.7	7.2		3.28	.03	2.91	5.11	51.80	8.18	.87	2	9	11						

DDH: FAGU117 UTM-N: 905,040.2 UTM-E: 592,343.4 UTM-ELEV: 1,133.1 TOTAL DEPTH: 61.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	90.000	44.000

DDH: FAGU117 UTM-N: 905,040.2 UTM-E: 592,343.4 UTM-ELEV: 1,133.1 TOTAL DEPTH: 61.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
9.6	0001	4A14	(4E0)	0.5-	1
15.7	0002	4L2	-> 3G4 (10Q$9)	0.5-	1
17.4	0003	4C3#	?	0.5-	1
18.1	0004	4A4		0.5-	1
18.6	0005	4D4		0.5-	1
19.2	0006	5D4*		0.5-	1
19.8	0007	4A4		0.5-	1
20.4	0008	5D4*		0.5-	1
21.8	0009	4D4	(5D4*)	0.5-	1
22.9	0010	5D4		0.5-	1
23.4	0011	4D0	(4E0)	0.5-	1
25.2	0012	5B62	$ SST. LAMS	0.5-	1
26.6	0013	5D4*	9 PY (3G4 -> 4L2)	0.5-	1
31.9	0014	3G0	&9 V. MINOR	0.5-	1
35.5	0015	3G0	&9 SST. LAMS	0.5-	1
61.0	0016	3G0		0.5-	1

DDH: FAGU117 UTM-N: 905,040.2 UTM-E: 592,343.4 UTM-ELEV: 1,133.1 TOTAL DEPTH: 61.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU117	0.0	5.7	PS2		0	0	0	0	24	230	0	1	1	1
FAGU117	0.0	11.7	PS2		0	0	0	0	22	230	0	1	1	1
FAGU117	0.0	17.8	PS2		0	0	0	0	32	230	0	1	1	1
FAGU117	0.0	22.6	PS2		0	0	0	0	30	230	0	1	1	1
FAGU117	0.1	23.4	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU117	0.0	23.9	CS2		0	0	0	0	35	230	0	1	1	1
FAGU117	0.0	25.4	CS2		0	0	0	0	19	230	0	1	1	1
FAGU117	0.0	26.3	CS2		0	0	0	0	33	230	0	1	1	1
FAGU117	23.4	26.6	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU117	0.0	29.8	CS2		0	0	0	0	21	230	0	1	1	1
FAGU117	0.0	35.7	CS2		0	0	0	0	29	230	0	1	1	1
FAGU117	0.0	41.6	CS2		0	0	0	0	32	230	0	1	1	1
FAGU117	0.0	46.1	CS2		0	0	0	0	22	230	0	1	1	1
FAGU117	0.0	51.3	CS2		0	0	0	0	27	230	0	1	1	1
FAGU117	0.0	56.0	CS2		0	0	0	0	5	230	0	1	1	1
FAGU117	0.0	57.4	CS2		0	0	0	0	15	230	0	1	1	1
FAGU117	26.6	61.0	CS2	Z	0	0	0	0	0	0	0	1	1	1

DDH: FAGU117 UTM-N: 905,040.2 UTM-E: 592,343.4 UTM-ELEV: 1,133.1 TOTAL DEPTH: 61.0 SECTION: W 74
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
FAGU117	11.0	11.4	X?			0	0	0	0	0	0	1
FAGU117	12.3	12.5	S			0	0	0	0	0	0	1
FAGU117	26.6	26.7	G			0	0	0	0	0	0	1

DDH: FAGU117 UTM-N: 905,040.2 UTM-E: 592,343.4 UTM-ELEV: 1,133.1 TOTAL DEPTH: 61.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU117	1	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 15:32:28

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U117

Project: GRUM REDG

Location: VANGORDA PLATEAU

Claim: _____

Terr. Plane Co-ords.: 6,905,040.23 N

592,343.44 E

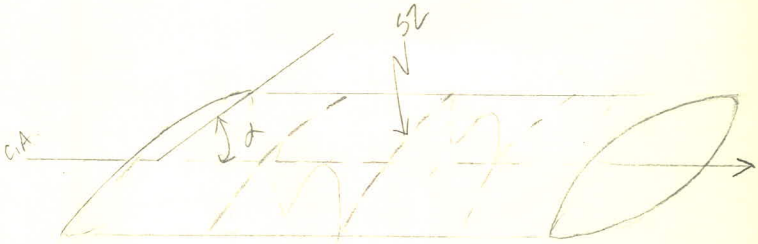
UTM conversion of K-A surveyed grid co-ords

Grid Co-ords.: 74W | 7N

Elevation: ~~1114.6~~ | 1133.1

Total Depth: 61.0 m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Purpose: _____

Logged by: KE PN Date(s) Logged: AUG.3|80

Drilling Contractor: _____

Core: Size From To Collar Cased and Capped: ____

Size	From	To
BQ	0	EOH

Started: JULY 16|76 Completed: JULY 16|76

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 76-U1-17

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U1-17	1133.1	9050402.5	923431.4	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U1-17	00	90.0	44.0	ATCOLLAR
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH 76-VL17

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PKS

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	000	096	1	4A1	4-5% PbZn; w/ 4EO interbands;
L	096	157	2	4L1	very slightly calcareous; minor Py, Po; lesser gal ≠ 5D4 in 11 contact lengthwise w/ sulphide breccia; talcy; sheared 12.3-12.5m; 11.0-11.4m;
L	157	174	3	4EC	0; < 2% PbZn; slightly calcareous; qtz-calcite-gal-cpy bxyn 16.8-17.0m; minor cpy; barite; qtz;
L	174	181	4	4A4	5% PbZn;
L	181	186	5	4D4	10% PbZn;
L	186	192	6	5D4	bleached w/ manganite & thin py layers; minor PbZn; slightly calcareous;
L	192	198	7	4A4	5% PbZn; py > PbZn;
L	198	204	8	5D4	as unit 6; minor qtz layers;
L	204	218	9	4D4	10% PbZn; bleached 5D4 as unit 6 from 21.0-21.3m; minor graphite bands 21.3-21.8m;
L	218	229	10	5D4	as unit 6;
L	229	234	11	4DE	< 5% PbZn; 4Do interb. w/ 4EO
L	234	253	12	5A10	minor py; slightly calcareous
L	253	611	13	5B12	minor 4Do w/ py 25.4-25.9, 26.5-26.6m; gouge 26.6-26.7m; non-calc.; minor py, po & qtz-calcite stringers;
		EOH			

DDH 1-FAG-4-L1-7 RELOG

Cyprus Anvil Mining Corp.

Lithologic Log

Page 1 of 1

Date: 27 Aug 82 Logged By: GAJ / DSJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	91	157			3G4	⇒ 4L2 partially derived from 5D4* 00* po ; 4L2 = dom. lith
						Sampled Sulfides
L	235	252			5B/G2	* dol. ; dk. gy → blk folia ; dol. minor wi g-sst. bands
L	252	266			5D4*	9py (3G4, 4L2) 3G4 ⇒ 4L2 from 25.9 25.9-26.6 ; 50:50
L	266	319			3G0	±9 very minor as S. 11 carb. folia ; intact
L	319	355			3G0	±9 well stripped & thicker than above good gtz-sst. lams,
L	355	610			3G0	good " " " ; normal ; intact

C.A.M.C. 1981 – E-3

DDH 76-U1-17 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: PN

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		157	PSZ			24 230	
S		1117	PSZ			22 230	
S		1178	PSZ			32 230	
S		2126	PSZ			30 230	
S		2334	FZR				S sym. 23.4 – 26.6m;
S		2389	CSZ			36 230	
S		2554	CSZ			19 230	
S		2663	CSZ			33 230	
S		2666	FZE				± sym. 26.6 – 61.0m
S		2978	CSZ			21 230	
S		3357	CSZ			29 230	SZ II C.A. 39.0 – 40.6 m;
S		4116	CSZ			32 230	
S		4461	CSZ			22 230	
S		5113	CSZ			27 230	
S		5160	CSZ			015 230	
S		5574	CSZ			15 230	
		EOH					

(1)

DDH EAGLE 17 Cyprus Anvil Mining Corp Page ____ of ____

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	KA
1	10 14	16 20	22 26	28 30	32 34	36 40	42	
P	100	124	87550	24	09	4A14	+ 4EO	3831
F	124	148	87551	24	20	4A1H	+4EO	3832
P	148	172	87552	24	24	HA14	+4EO	3833-4
P	172	196	87553	24	23	HA14	+4EO	3835
P	157	174	87554	17	13	4ECO		3836
P	174	181	87555	07	07	HAH1		3837
P	181	186	87556	05	05	4D4		
P	186	192	87557	06	06	5DH1		3838
P	192	198	87558	06	06	HAH1		
P	198	204	87559	06	06	5D41		
P	204	218	87560	14	13	4D45	(5D4)	3839
P	218	229	87561	11	11	5D41		3840
P	229	234	87562	05	05	4DE1		

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

DDH FAGU117 (2 — 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 — 14	16 — 20	22 — 24	26	28 — 32	34 — 38	40 — 44	
	123	125	S					
	110	114	XP					
	266	267	G					

DIAMOND DRILL RECORD

LOGGED BY R. GILES/ALEXANDER YOUNG-PO D.D.H. Nº 76-U-117 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 74W STARTED JULY 16, 1976

DEPARTURE 7N COMPLETED JULY 16, 1976

ELEVATION PROPOSED DEPTH

ULTIMATE DEPTH 61.0m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	43° 16'	0° 47'

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 86.7%

Interval From	Interval To	DESCRIPTION	Py	Zn+ Pb	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	9.6	QUARTZ SULPHIDES (P). 1.5-4.6: Blocky core.	60	5	1.0	3831	0	3.0	3.0	2.38	5.00	44.23			7.14	15.00	132.69
		4.6-9.6: Competent. Foliation @ 30-40°. F develop-	50	10	1.0	3832	3.0	4.6	1.6	1.40	4.20	33.26			2.24	6.72	53.216
		ed at 5.0: 15-20°. Sphalerite-rich laminae in lo-	40	10	1.5	3833	4.6	6.1	1.5	1.10	2.80	26.40			1.65	4.20	39.6
		calized bands.	35	12	1.5	3834	6.1	7.6	1.5	1.70	3.63	28.46			2.55	5.445	42.69
		9.6: Sudden change to Bleached Phyllite (Sb). Con-	45	15	2.0	3835	7.6	9.6	2.0	3.00	6.05	53.49			6.00	12.10	116.98
		tact in broken core.				W.Av.	0	6.1	6.1	1.81	4.25	37.0			11.03	25.92	225.51
						W.Av.	6.1	9.6	3.5	2.44	5.01	45.6			8.55	17.55	159.67
						W.Av.	0	9.6	9.6	2.04	4.53	40.12			19.58	43.47	385.18
						W.Av.	3.0	7.6	4.6	1.40	3.56	29.46			6.44	16.365	135.51
9.6	15.5	BLEACHED PHYLLITE (Sb). Light gray with some greenish por-			3.2		9.6	15.5	5.9								
		tions. Quartz band with Po at 12.5. 12.2-12.5: Sheared.															
		15.2: Sporadic sulphides. 13.6: Fold nose.															
		15.5: Sharp contact with broken ground; contact with Quartz															
		Sukphides. Trace of graphite (PG).															
						W.Av.	17.0	21.5	4.5	3.30	5.53	52.46			14.85	24.885	236.06
15.5	23.4	QUARTZ SULPHIDES WITH TRACE GRAPHITE (PG) WITH INTERVALS OF	60	4 0.8		3836	15.5	17.0	1.5	1.00	1.30	23.31					
		BLEACHED PHYLLITE. Competent. Foliation 45°-alternating	40	12 1.4		3837	17.0	18.5	1.5	4.20	7.96	70.63			6.30	11.94	105.95
		laminae of graphite and sulphide quartz. Short discontinuous	20	6 1.4		3838	18.5	20.0	1.5	2.70	2.70	36.34			4.05	4.05	54.51
		quartz stringers w/trace calcite cutting across gen. folia-	15	3 1.5		3839	20.0	21.5	1.5	3.00	5.93	50.40			4.50	8.895	75.6
		tion @ 45°.															

DRILL HOLE : FAGU215

NORTHING : 905,066.4

EASTING : 592,327.0

ELEVATION : 1,127.3

TOTAL DEPTH : 138.6

SECTION : W 75

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: 13

NOS DOWN-H-SURVEYS: 3

NOS DOWN-H-LITHOLOGY: 33

NOS DOWN-H-STRUCTURE: 19

NOS DOWN-H-FAULTS: 40

NOS DOWN-H-SPLINES: 3

NOS COMPOSITES: 0

DDH: FAGU215 UTM-N: 905,066.4 UTM-E: 592,327.0 UTM-ELEV: 1,127.3 TOTAL DEPTH: 138.6 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
4.2	6.0	90772	1.8	.7	4A34			2.95	6.13	53.50											
7.8	9.3	90773	1.5	1.4	4AL			1.28	2.10	23.30											
9.3	10.8	90774	1.5	1.5	4AC			1.58	2.33	25.39											
10.8	12.0	90775	1.2	1.2	4ACL			1.33	2.70	25.39											
65.5	67.1	90776	1.6	1.0	4G4			5.99	9.17	84.70											
67.1	68.6	90777	1.5	1.2	4A4			5.09	9.25	86.70											
68.6	70.1	90778	1.5	1.2	4AL			3.62	6.13	59.29											
100.6	103.6	90779	3.0	3.0	4A1			.05	.17	2.10											
103.6	106.7	90780	3.1	2.6	4A1			.05	.38	3.10											
117.3	118.8	90781	1.5	1.5	4A4			2.23	3.99	38.39											
118.8	120.4	90782	1.6	1.5	4AO			1.55	2.93	20.19											
129.5	131.1	90783	1.6	.2	4E4			5.96	4.06	71.70											
131.1	132.6	90784	1.5	.2	4LO			2.43	2.60	32.19											
WEIGHTED AVERAGE																					
4.2	6.0		1.8	.7				2.95	6.13	53.50											
7.8	12.0		4.2	4.1				1.40	2.35	24.64											
65.5	70.1		4.6	3.4				4.92	8.20	77.06											
100.6	106.7		6.1	5.6				.05	.28	2.60											
117.3	120.4		3.1	3.0				1.87	3.44	29.00											
129.5	132.6		3.1	.4				4.25	3.35	52.58											

DDH: FAGU215 UTM-N: 905,066.4 UTM-E: 592,327.0 UTM-ELEV: 1,127.3 TOTAL DEPTH: 138.6 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	155.200	64.300
89.900	161.000	57.000
135.600	165.000	33.000

DDH: FAGU215 UTM-N: 905,066.4 UTM-E: 592,327.0 UTM-ELEV: 1,127.3 TOTAL DEPTH: 138.6 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.2	0001	#		0.5-	1
5.5	0002	4A34		0.5-	1
7.8	0003	3G4	(3GO) (5D4*) 65:25:10	0.5-	1
9.8	0004	4A4	(4LO) (3GO) (10Q$)	0.5-	1
11.2	0005	4C3	-> 4CO E.O.I.	0.5-	1
11.4	0006	4L12	&4	0.5-	1
11.8	0007	4A*	&3	0.5-	1
13.7	0008	5B62	$	0.5-	1
33.0	0009	3GC	&9	0.5-	1
34.0	0010	3G4		0.5-	1
44.5	0011	3GC		0.5-	1
47.5	0012	3GC	&9 &$ (10QO &$)	0.5-	1
65.5	0013	3GC	(3G9) 95:05	0.5-	1
67.4	0014	4G4	(4E46)	0.5-	1
69.6	0015	4A4	(4E4)	0.5-	1
70.1	0016	4L21	BXA	0.5-	1
75.0	0017	3GO	(10Q*)	0.5-	1
76.0	0018	4LC	&2 (5D4*) (3B$ BIO) 55:20:25	0.5-	1
100.4	0019	3GC	(3B$ &4) (10QO &$)	0.5-	1
103.6	0020	4A1		0.5-	1
104.0	0021	5C4*	(10Q*)	0.5-	1
105.2	0022	4A1	-> (4CO)	0.5-	1
105.4	0023	5C4*	RUBBLE	0.5-	1
107.4	0024	4AC	&1	0.5-	1
109.2	0025	5A19	&$ (3GO)	0.5-	1
117.2	0026	3G$	(5D4$) 95:05	0.5-	1
119.2	0027	4AC	&1 &4 (5D4*)	0.5-	1
119.6	0028	5A*		0.5-	1
120.4	0029	4A4	-> 4CO E.O.I.	0.5-	1
129.3	0030	4LO	&$ SPECKLE (4HO &1 BXA) (10QO)	0.5-	1
131.1	0031	4E4#	RUBBLE	0.5-	1
134.2	0032	4LC	&$ SPECKLE (5D4$)	0.5-	1
136.7	0033	3GC	SPECKLE &4	0.5-	1

DDH: FAGU215 UTM-N: 905,066.4 UTM-E: 592,327.0 UTM-ELEV: 1,127.3 TOTAL DEPTH: 138.6 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU215	0.0	6.5	CS2		0	0	0	0	80	230	C	1	1	1
FAGU215	0.0	16.3	CS2	D	0	0	0	C	75	230	C	1	1	1
FAGU215	0.0	19.9	CS2		0	0	0	0	75	230	C	1	1	1
FAGU215	0.0	28.9	CS2		0	0	0	0	72	230	0	1	1	1
FAGU215	0.0	36.3	CS2		0	0	0	0	78	230	0	1	1	1
FAGU215	0.0	45.2	CS2		0	0	0	C	68	230	0	1	1	1
FAGU215	0.0	51.0	CS2		0	0	0	0	68	230	C	1	1	1
FAGU215	0.0	60.5	CS2		0	0	0	0	75	230	C	1	1	1
FAGU215	0.0	68.3	PS2	P	0	0	0	0	50	230	C	1	1	1
FAGU215	0.0	77.5	CS2		0	0	0	C	70	230	C	1	1	1
FAGU215	0.0	85.3	PS2	P	0	0	0	C	70	230	C	1	1	1
FAGU215	0.0	90.1	CS2		0	0	0	0	65	230	C	1	1	1
FAGU215	0.0	97.0	CS2		0	0	0	0	70	230	C	1	1	1
FAGU215	0.0	102.3	CS2		0	0	0	C	70	230	0	1	1	1
FAGU215	0.0	110.1	CS2		0	0	0	0	75	230	C	1	1	1
FAGU215	0.0	114.8	CS2		0	0	0	0	78	230	0	1	1	1
FAGU215	0.0	123.0	PS2	P	0	0	0	0	68	230	C	1	1	1
FAGU215	0.0	126.5	PS2	P	0	0	0	C	70	230	0	1	1	1
FAGU215	0.0	138.0	CS2		0	0	0	0	78	230	0	1	1	1

DDH: FAGU215 UTM-N: 905,066.4 UTM-E: 592,327.0 UTM-ELEV: 1,127.3 TOTAL DEPTH: 132.6 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU215	4.2	5.3	DP	7		0	0	0	0	0	0	1
FAGU215	0.0	6.8	F			0	0	30	0	0	0	1
FAGU215	0.0	7.0	F			0	0	30	0	0	0	1
FAGU215	11.6	13.7	3B			0	0	0	0	0	0	1
FAGU215	0.0	29.4	F			0	0	20	180	0	0	1
FAGU215	32.5	33.0	3FG			99	999	99	999	99	999	1
FAGU215	35.8	36.0	F			0	0	99	999	0	0	1
FAGU215	44.2	44.5	F			0	0	99	999	0	0	1
FAGU215	44.5	47.5	2B			0	0	0	0	0	0	1
FAGU215	47.5	56.4	1B			0	0	0	0	0	0	1
FAGU215	56.6	57.0	G			0	0	0	0	0	0	1
FAGU215	58.3	58.9	G			0	0	0	0	0	0	1
FAGU215	59.1	59.3	G			99	999	0	0	50	270	1
FAGU215	61.3	61.8	G			99	999	0	0	30	270	1
FAGU215	0.0	65.2	G			0	0	0	0	0	0	1
FAGU215	56.4	65.5	3B			0	0	0	0	0	0	1
FAGU215	65.5	67.4	M			0	0	0	0	0	0	1
FAGU215	67.4	69.6	1D			0	0	0	0	0	0	1
FAGU215	69.6	70.1	D?			0	0	0	0	0	0	1
FAGU215	70.1	71.4	G			0	0	99	999	0	0	1
FAGU215	71.4	73.0	3B			0	0	0	0	0	0	1
FAGU215	0.0	73.0	R			0	0	0	0	0	0	1
FAGU215	0.0	74.5	F			0	0	50	225	0	0	1
FAGU215	73.0	76.0	3B			0	0	0	0	0	0	1
FAGU215	76.0	90.0	1B			0	0	0	0	0	0	1
FAGU215	91.5	91.6	G			0	0	0	0	0	0	1
FAGU215	94.3	94.5	GF			0	0	0	0	99	999	1
FAGU215	90.0	95.0	3B			0	0	0	0	0	0	1
FAGU215	104.0	105.4	R			0	0	0	0	0	0	1
FAGU215	106.7	106.9	G			0	0	0	0	0	0	1
FAGU215	105.4	107.4	3B			0	0	0	0	0	0	1
FAGU215	107.4	109.2	B			0	0	0	0	0	0	1
FAGU215	119.2	119.5	B			0	0	0	0	0	0	1
FAGU215	119.5	119.6	G			0	0	99	999	0	0	1
FAGU215	121.0	121.5	D			0	0	0	0	0	0	1
FAGU215	128.0	129.3	G	3		0	0	0	0	0	0	1
FAGU215	129.3	131.1	BR	2		0	0	0	0	0	0	1
FAGU215	131.1	132.6	3BF	3		0	0	0	0	0	0	1
FAGU215	128.0	132.6	SF			0	0	0	0	0	0	1
FAGU215	132.6	133.2	3BF	3		0	0	0	0	0	0	1

DDH: FAGU215 UTM-N: 905,066.4 UTM-E: 592,327.0 UTM-ELEV: 1,127.3 TOTAL DEPTH: 138.6 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU215	1	2
FAGU215	2	2
FAGU215	3	1

SECT 75W KERR APPI ASSAY

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Page 1 of 8

Date: _____

Hole Number: FAGU 215

Project: GRUM

Location: _____

Claim: _____

Terr.Plane Co-ords.: 905066.4 N

7.0

5923269 E

conversion of KA survey grid coords

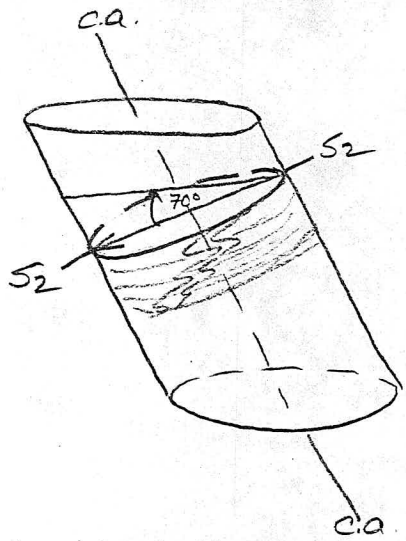
Grid Co-ords: _____

_____

Elevation: 1127.3

Total Depth: 138.7 m

Reference Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 230.

Purpose: _____

Reason hole Terminated: _____

Logged by: DST/GAJ

Date(s) Logged: _____

Drilling Contractor: _____

Size	CORE From	To

Collar Cased and Capped: ____

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp. Page 2 of 8

DDH FAGU215 (2–8)

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
	2 8	10 16	17 24	25 32	34 39	41 42	
T	FIAGU215	1717171.13	9101510161614	5912131216191	METERS	512	

70

Code	Drillhole	Depth	Zenith Angle	True Azimuth	64.3 to True North Comments
	2 8	10 14	22 26	28 32	34 56
R	FIAGU215	100	15551.2	06121.8	ATCOLLAR
R	FIAGU215	1899	1611.0	0517.10	SPERRYSUN
R	FIAGU215	11356	1651.0	033.10	

9 Nov 82

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

C.A.M.C. 1981 - E-2

DDH FAGU215 (2 … 8) Cyprus Anvil Mining Corp. Page 3 of 8

Lithologic Log Date: 21 Aug 82 (AM departure) Logged By: DSJ/GAJ

Code	From	To	Recov.	No.	Unit	Description
1	10 … 14	16 … 20	22 … 24	26 … 28	30 … 34	35
L	00	42		1	✱	casing no recvy
L	42	53		2	4A3,4	normal actual text, local ductile flow 6x s.l bands in S² matrix poor recvy esp 4.6-5.3 = .3m recvd.
L	53	78		3	364	(360)(504*) 65:25:10 364 s1.; 4 t/y chlor tic and test developed on either side of 504* band centred on 7.3m. intact – fault at 6.8m 30/000° of simple attitude minor – another @ 7.0 (360 is between the faults.
L	78	98		4	4A4,	(4L0)(360)(00*)dol complexly interlayered sequence 36 @ 8.8-9.1 – numerous med x/n offwhite dolo veins with diffuse bleached alter bands = flow interval.
L	98	112		5	4C3,	→ 4C0 downwards textually similar to 4A – v.t well banded RS, or ps² foliated sp.t but originally intact
L	112	114		6	4L12	±4 intact
L	114	118		7	4A*	±3 not good 4A, reminiscent of mineralized qtz dolo phyllite
L	118	137		8	5B62	* dolo. dk grey well banded w dk grey S² folia & lt grey qtz dolo bands to lithons – unit very broken – good recovery
L	137	330		9	3610	±9 very minor near base – good example of lt med grey 36 with prominent qtz siltstone layers – intact but for 2 faults at 29.4 = 20/180 and the main fault (major) 32.5-33.0 incip S² 11 gouge and broken core, upper 11S² internal incip S² 11 lower = S² 11 – looks like shallow fault at rock contact
L	330	340		10	364	homogeneous lt greenish grey tx ✱ to 4L, intact

C.A.M.C. 1981 – E-3

DDH EAGU2,15 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	1340	1445		11	3601	identical to unit 9 - numerous faults best at 44.2-44.5' upper = IND lower = IND internal fabric 11 S_2 35.8-36.0 = sub 11 S_2 = U ∴ I ∴ L
L	1445	1475		12	3601	±9 ±* dolo. (OD0 ±*) dk grey, locally black conspicuous dk grey - blk/lt grey striped due to carb S_2 folia 45.6-45.7 = sphal rich horizons unit mostly to heavily broken but good recvy
L	1475	1655		13	3601	(369) 95:5 upper ± → 56.4 only mostly broken lower portion heavily broken and commonly incip gouged 369 at 54.2-54.4 and 55.6-55.8; gouges at 56.8-57.0 IND but upper may be sub 11 S_2, lower completely IND; 58.3-59.9 incip S_2 11 gouge in 6 strands in interval - dissent appear to be a major fault - good recvy; 59.1-59.3 = U = S_2 11 ∠ at 50/270; 61.3-61.8 U ≈ 11 S_2 ∠ = ≈30/270; 65.2 = IND completely
L	1655	1674		14	4644	(4E46) normal mineralized and sand but good recvy
L	1674	1696		15	4144	(4E4) 4E is mass S² bands in interval - good 4A textures, minor micro brx, intact
L	1696	7001		16	4421	breccia, intact
L	7001	7130		17	3601	(OD*) very broken and incip gouged throut, 1.8m recovered TOI to 71.4 is incip S_2 11 gouged throut mostly but interval is broken and lenses in rubble at 73.0 - may be due to proximity to S²'s
L	7130	7600		18	4401	±2 (SD4*) (3B* ank,lo) lt greenish creme color heavily broken but no gouge-, recvy good, steep fault at 74.5' @ 50/285' 74.7-75.3 = SD4* 75.3-76.0 3B* ank,lo

DDH FAG-02-15 (2 / 8) Cyprus Anvil Mining Corp. Page 5 of 8

Lithologic Log Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	76.0	100.4		19	360	(3B*±4 dol.) (QQ0±* dol)
						3B* at 76.5-76.8, 77.0-77.3, 79.0-79.1
						unit intact to madly broken with
						much broken core and gouge from
						90-95m gouges at: 91.5-91.6 = $vs_2$11
						94.3-94.5 U>IND L=$s_2$11 intrusive = $11s_2$
						to slightly s_2 cutting 94.4-94.6 = IND
						broken core and gouge. 94.3-94.5
						appears to be the main fault (shallow)
L	100.4	103.6		20	4A1	normal 4A text black "dusty" bands - low
						tot s = 15% py dominant, split but
						intact
L	103.6	104.0		21	SCH*	heavily carbonated felsitic (QQ*)
	104.0	105.2		22	4A1	(→4CO) 4CO at center of interval
						and has 4A texture it looks like
						altd. 4A, rubbly, no gouge,
L	105.2	105.4		23	SC4*	rubble
L	105.4	107.4		24	4A10	±1 reasonably good 4A texture in upper
						portion but by 106.9 unit is less
						siliceous and has SA19, qtz bands.
						uppermost 5cm of unit is bleached
						below SC, 106.7-106.8 = vs$_2$11 gouge,
						core very broken
L	107.4	109.2		25	SA19	±* dol (360) unit broken but good recvy.
						grades down into more normal 360
						thru interval and grades up to
						4A overlying
L	109.2	117.2		26	36*	dolo. (SD4*) lt grey strongly cs_2 foliated
						banded dolo over interval with dolo
						in qtz bands, SD4* @ 116.7-117.2 unit intact
L	117.2	119.2		27	4A0	±1 (SD4*) ← micro tuffs scattered
						thru unit 1-2cm thick largest at
						117.3 - unit PS_2 foliated but has
						reasonable transp exhalative texture.
						Tuffs unmineralized split but intact

80% recv.

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

DDH FAGU215 (2 / 8) Cyprus Anvil Mining Corp. Page 6 of 8

Lithologic Log Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	119.2	119.6		28	5A*	broken with gouge ~5% 11 @ 119.5-119.6
L	119.6	120.4		29	4A4	→ 4CO with 4CO toward base of interval 4A4 grades down to rx approaching 4CO down hole. at TOI textures are normal for 4A4
L	120.4	129.3		30	4L0	±5 speckled, dolomitic ⇒ development from 30* speckled, (4H0 ± 1bx) (QQ) 4H is as S_2 11 veins, with micro bxa textures largest at 121-121.5 good flow features around clasts, unit overall is light yellowish green buff. QQ* ≈ 10-15% of unit, IND gouge 128.0 to EOI 4m rec. flwg.
L	129.3	131.1		31	4E4*	calc, recovery terrible .1m over interval nothing but broken and gibbled garbage
L	131.1	133.2		32	4L0	±5 speckled, dolo (5D4*) unit badly broken, terrible recvy to 133.2 ie. 131.1 -133.2 ≈ .7 m recvy, 4m most loss 131.1 -132.6 ≈ major fault part of a F2 starting at 128.0 thus 4E4* above may be horse in fault., 5D4* @ 133.4-133.6 at 133.2 is steep fault 30/000
L	133.2	138.7		33	3G0	speckled ±4 - appears to be protolith for unit 30 - excellent speckled text from dissem dolo/ank blebs/porphs in possible qtz siltstone boards - unit largely intact, grades upwards to 4L

C.A.M.C. 1981 – E-3

Meters

DDH EAGU215 (2 … 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

meters

FAULT

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	42	53	DP	7				
F		68	F			30,000		
F		70	F			30,000		
F	618	637	3B					
F		2,994	F			210,180		
F	3,225	3,230	3FG		99,999	99,999	99,999	
F	4,442	4,445	F			99,999		
F	3,558	3,600	F			99,999		
F	4,445	4,475	2B					
F	4,475	5,644	1B					
F	5,644	6,555	3B					
F	5,658	5,700	G					
F	5,783	5,899	G					
F	5,911	5,933	G		99,999		50,270	
F	6,133	6,188	G		99,999		30,270	
F		6,552	G					
F	6,555	6,744	M					
F	6,744	6,961	D					
F	6,996	7,010	D?					
F	7,011	7,144	G			99,999		
F	7,144	7,300	3B					
F		7,300	R					
F	7,300	7,600	3B					
F		7,445	F			50,285		
F	7,600	9,000	1B					
F	9,000	9,500	3B					
F	9,165	9,166	G					
F	9,143	9,445	GF				99,999	
F	10,140	10,154	R					
F	10,167	10,168	G					
F	10,854	10,743	3B					
F	10,774	10,992	B					
F	11,192	11,495	B					
F	11,495	11,496	G			99,999		
F	12,110	12,115	D					

DDH F16U215 (2 – 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1280	1293	G	3				
F	1293	1311	BR	2				
F	1311	1332	3BF	3				
F	1280	1326	3F					

DDH FAGU215 (2–8) Cyprus Anvil Mining Corp. Page 7 of 8

Structural Log Date: 21 May Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10–14	16–20	22–24	26	28–32	34–38	40–44	
S		165	CSZ				810 230	
S		163	IND	D			75	CS_2
S		199	CSZ				75	
S		289	CSZ				72	
S		363	CSZ				78	
S		452	CSZ				68	
S		510	CSZ				68	
S		605	CSZ				75	→ PS_2
S		683	IND	R			50	RS_1 or PS_2
S		775	CSZ				70	→ PS_2
S		858	IND	P			70	→ CS_2
S		910	CSZ				65	
S		970	CSZ				70	
S		1028	CSZ				70	weak CS_2
S		1101	CSZ				75	
S		1148	CSZ				78	
S		1230	IND	P			68	→ CS_2
S		1265	IND	P			70	
S		1380	CSZ				78	

C.A.M.C. 1981 – E – 4

K.A. ASSAY

DDH FAG-U-2-1-5 (2 / 8) Cyprus Anvil Mining Corp

Logged by

ASSAY LOG (SAMPLER'S COPY) Date OCT 7, 76 Sampled by K.A. JOS AUG 82

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
–	10 14	16 20	22 26	28 30	32 34	36 40	42
P	142	160	907712	18	107	14A134	
P	178	193	907713	15	114	14A141	4AL
P	193	1108	907714	15	15	14C131	(4A4) .5m 4AL
P	1108	1120	907715	12	12	14C13	4ACL
P	1615	1671	907716	31	110	14G141	
P	1671	1686	907717	15	12	14A141	(4A4) .3m
P	1686	701	907718	15	12	14A141	(4L21) .5m 4AL
P	10706	10736	907719	30	130	14A11	
P	10736	10767	907810	31	126	14A11	(5C4) .4m
P	11173	11188	907811	15	15	14A104	
P	11188	11204	907812	16	15	14A101	(5A*) 1.2.
P	11295	11311	907813	16	102	14E141	
P	11311	11326	907814	15	102	14LD1	

Calc'n. checked Feb. 2/77 Calculated ✓

DIAMOND DRILL RECORD

LOGGED BY [illegible]

PROPERTY Grum - Joint Ventures

D.D.H. No. 76-11-215 PAGE 1/6

LATITUDE 10 859.16 75N BEARING OF HOLE 044 STARTED Oct. 5, 1976

DEPARTURE 7635.77 6N½ DIP OF HOLE (−60 apparent) −62 actual COMPLETED Oct. 7, 1976

ELEVATION 1137.91 DIP TESTS azimuth: 64°18' DEPTH Proposed: Ultimate: 455 - 138.7'

CLAIM No.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

TOTAL CORE RECOVERY: 87.6 %

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	4.2	CASING - No core RECOVERED													
4.2	6	Qtz-sulfide (P). Broken blocky core. Foliation 30/2 ≈ 90°. No clear F1/F2 relationship noted. Very minor trace of graphite as thin laminae ≤ 1% 6 - Abrupt change to sericite phyllite (S). Contact broken fluky grd. — shear (?).	0.7	039C	4.2	6.0	1.8	2.95	6.14	53.49	✓				
6.0	7.8	Sericite phyllite (S). Competent. Foliation ≈ 85~90°. 7.3~7.5 - Bleached sericite phyllite (Sb). Buff. Competent. Foliation 75°. Contacts sharp ≈ 75°. 7.8 - Abrupt change to graphitic qtz-sulfide (Pg). Contact broken grd.	1.5	/	6.0	7.8	1.8								
7.8	12.0	Graphitic qtz-sulfide (Pg). Broken blocky core. 25/9	1.4	040C	7.8	9.2	1.5	1.28	2.10	23.31			3.38	Pt+Zn	
		Foliation 75~80°. Sulfides generally confined 27/6	1.5	041C	9.3	10.8	1.5	1.58	2.33	25.37			3.91	"	
		w/in felsic laminae but sometimes also disturbuted 15/6 in the whole mass as fine dissemination.	1.2	042C	10.8	12.0	1.2	1.33	2.70	25.37	✓				
				WHOLE	1.8	10.8	3.0	3.65	Pt+Zn		-				

LOGGED BY _____ D.D.H. NO 76-U-315 PAGE 2/6

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		8-8.3 - Bx. Sulfide and phyllite fragments Ø 3/mm à 1 cm. well cemented by SiO2 and finer grained sulfide plus trace calcite.													
		12 - Sharp clean contact w/ graphitic phyllite (G) ∠ 80°													
12	16.8	Graphitic phyllite (G). Broken blocky to flaky core. Fissile, easily breaking into poker chips. F2 ∠ 75 à 80° F1 ∠ 5 à 10°	4.5	/	12.0	16.8	4.8								
		16.8 - Gradual decrease in graphite. Rx becoming dark sericite phyllite w/ trace graphite (SG)													
16.8	44.5	Dark sericite phyllite w/ trace graphite (SFG). Competent. Foliation F2 ∠ 75 à 85°; F1 ∠ 5-10°	26.8	/	16.8	44.5	27.7								
		18 - 18.3 - Small fault. Black sticky gouge w/ graphite flakes.													
		32.5 à 33 à FAULT. Sericite flakes / phyllite w/ grey gouge.													
		36.3 à shear													
		44.2 - 44.5 - FAULT. Block thick sticky gouge													
		44.5 - Abrupt change to graphitic phyllite (G)													
44.5	47.5	Graphitic phyllite (G). Fissile, easily breaks into poker chips. F2 ∠ 80 à 85; F1 ≈ 5 à 10°	2.8	/	44.5	47.5	3.0								
		47.5 - Abrupt change to sericite phyllite (S) @ 75°													

LOGGED BY [illegible] D.D.H. NO 76-U-215 PAGE 3/6

Interval From	Interval To	DESCRIPTION			Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
47.5	64	Sericite phyllite (S). Competent. Foliation: F2 ∧ 75-80° F1 ∧ 0-10°			15.2	/	47.5	64.0	16.5								
		54.9 - 56.0 - Graphitic phyllite interval. Broken ground.															
		57, 59 - shear															
		64 - Abrupt change to massive sulfide (M). Contact broken grd.															
64.0	69.6	Massive Sulfide w/ barite (M6). Competent.	70	10	1.0	043C	64.0	67.1	3.1	5.99	9.17	84.69			18.57	28.43	262.54
		Compositional banding Sul/ba ∧ 70-75°	65	12	1.2	044C	67.1	68.6	1.6	5.10	9.25	86.74			8.65	13.88	130.11
		64 - 65.5 - MISLATCH. POOR RECOVERY	40	10	1.2	045C	68.6	70.1	1.5	3.63	6.14	59.31			5.45	9.21	88.97
		65.7 - 67.1 - FAULT. DARK grey to brown thick sticky gouge w/ prominent sulfide grains.				WT. AV	64.0	70.1	6.1	5.19	8.45	57.62	✓		31.67	51.52	351.51
						" "	64.0	68.6	4.6	5.70	9.2	95.6	-		26.22	42.31	393.65
		69.6 - Abrupt change to mineralized bleached Sericite ~~sulf~~ phyllite ∧ 75°															
69.6	70.1	Mineralized bleached Sericite phyllite (P-Sb). Competent. F2 ∧ 60-65; No distinct F1/F2 relationship. Buff color w/ metallic black stripes.															
		70.1 - Abrupt change to Sericite phyllite. Contact fault zone.															
70.1	100.6	Sericite phyllite (S). Competent. Light grey. F2 ∧ 75-80° F1 ∧ 0-10°			29.1	/	70.1	100.6	30.5								

LOGGED BY [illegible]

D.D.H. NO. 76-11-215 PAGE 4/6

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		70.1 ~ 70.3 - FAULT. Grey sticky gouge w/ phyllite flakes.													
		73.2 - 76 - Bleached sericite phyllite interval. Buff to dark purplish brown. Competent. Foliation ± 70 ~ 75°. Trace biotite as thin laminae. Contacts sharp & 1st contact: abrupt, broken gd. 2nd contact ± 75°.													
		82 - 82.2 - FAULT. White sticky gouge w/ bleached sericite flakes.													
		83.8 - 84.5 - Bleached sericite phyll (SB). Competent. Buff. Foliation ± 75°. Contacts sharp and clean ± 75°.													
		94.1 ~ 94.5 - FAULT. Grey thick sticky gouge w/ sericite flakes.													
		100.6 - Change to mineralized graphitic phyllite (PG). Contact marked by 5 cm long bleached sericite phyllite. Plane sharp and clean ± 80°													
100.6	108.2	Mineralized graphitic phyllite (PG). Competent.	10	2	3.0	016C	100.6	103.6	3.0	0.05	0.18	2.06			0.23	pt 2L	
		F2 ± 80° F1 ± 0-5 marked by sulfides	10	2	3.6	017C	103.6	106.7	3.1	0.05	0.38	3.09			0.43	"	
		103.8 - 104.0; 105.2 - 105.4 - Bleached sericite interval. Buff w/ prominent fuchsite laminae. Contacts sharp ± 75°.	5	1	1.1	/	106.7	108.2	1.5	Trace, est.							
						WT. AV.	100.6	106.7	6.1	0.33	pt 2L				2.02	"	

LOGGED BY [illegible]

D.D.H. Nº 76-11-315 PAGE 5/6

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		108.2 - Decrease in mineralization. Rx becoming normal graphitic phyllite (G).	1.4	✓	108.2	109.7	1.5								
108.2	109.7	Graphitic phyllite (G). Fissile, easily breaking into poker chips. F2 ≈ 75≈80°; F1 - 0≈5°. 109.7 - Gradual change to sericite phyllite (S)													
109.7	117.3	Sericite phyllite (S). Competent. Light gray. F2 ≈ 75≈80° F1 ≈ 0≈10°. 117 - 117.3 - Bleached sericite phyllite w/ chlorite laminae (Sbc). Competent. Buff w/ green stripes. Chlorite marking F1 foliation. F2 ≈ 75≈80° F1 ≈ 0≈5° contacts sharp and clean ≈ 85°. 117.3 - Sharp clean contact w/ mineralized graphitic phyllite (PG). ≈ 80°	7.4	✓	109.7	117.3	7.6								
117.3	120.4	Mineralized graphitic phyllite (PG). Competent. Foliation ≈ F2 ≈ 80≈85°; F1 ≈ 0≈5 Sulfides on both foliation. Clots of Po-Mgh asso. w/ py laminae.	1.5	0480	117.3	118.8	1.5	2.23	4.00	38.40	✓		3.35	6.00	57.60
			1.5	0490	118.8	120.4	1.6	1.55	2.93	20.23	✓		2.48	4.69	32.37
				WT. Av.	117.3	120.4	3.1	1.88	3.45	29.0	✓		5.83	10.69	89.97
		120.4 - Sharp contact w/ bleached sericite phyllite (Sb) ≈ 85°													
120.4	134.2	Bleached sericite phyllite (Sb). Competent. Buff w/ greenish hue. Foliation F2 ≈ 75≈80°													

LOGGED BY [illegible] D.D.H. NO 78-11-215 PAGE 6/6

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		120 - 129.5 - Fault. Calc / phyllite pebble cemented by gouge.	9.0	✓	120.4	129.5	9.1								
		129.5 - 132.6 - Massive Sulfide. Pebble size. Very poor core recovery. No gouge. - MISLATCH 70 10 30 5	0.20 / 0.15	050C / 051C	129.5 / 131.1	131.1 / 132.6	1.6 / 1.5	5.96 / 2.43	4.07 / 2.60	71.16 / 52.23	✓ / ✓		9.54 / 3.65	6.51 / 3.90	44.46 / 48.35
		134.2 - Abrupt change to sericite phyllite (S). Contact sharp and clear x 75°.	1.6	✓	132.6	134.2	1.6								
				Wt. Av.	129.5	132.6	3.1	4.25	3.36	52.6	✓		13.19	10.41	163.00
134.2	138.7	Sericite phyllite (S). Competent. Xray. F2 x 75 v 80° F1 v 0 v 5° Very minor sulfide showing (py ≤ 1%)	4.0	✓	134.2	138.7	4.5								
138.7		END OF HOLE													

DDH: FAGU215 -- 42 DEGREE PROFILE

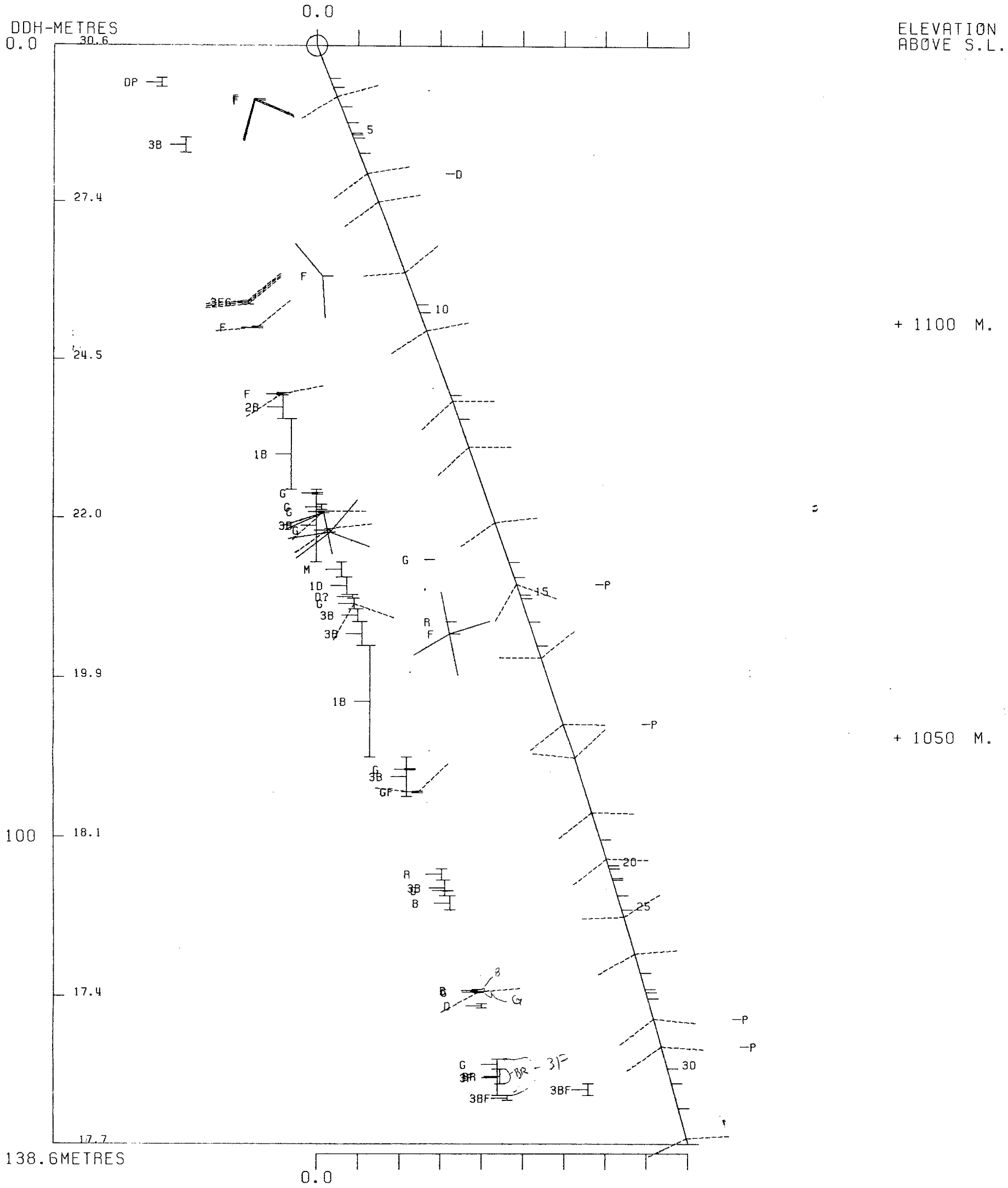
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1127 592327E ; 905066N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 569.0 Z = 1133.3

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 14 AUG 1985 3:48 PM

DDH: FAGU215 -- 42 DEGREE PROFILE

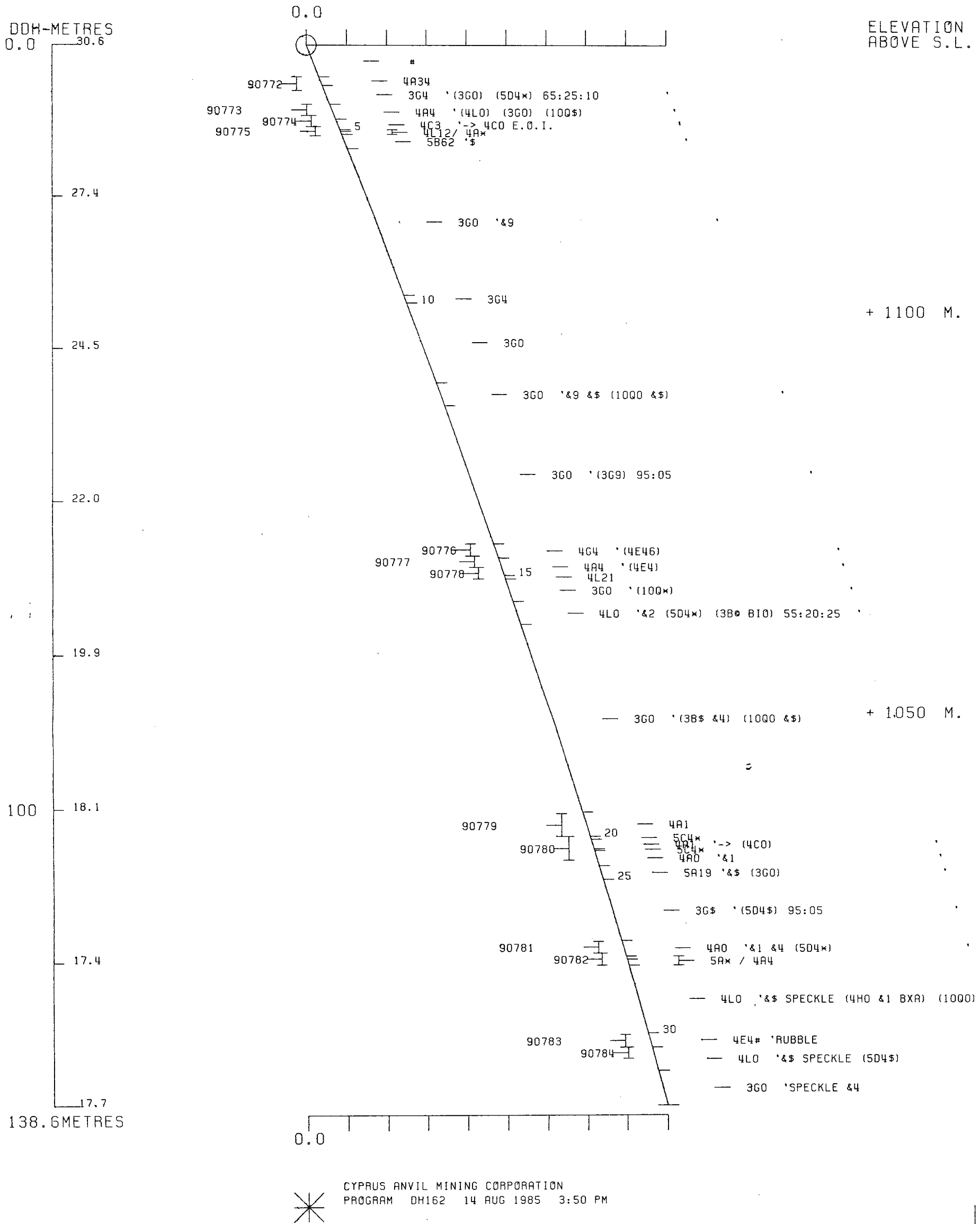
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ELEV: 1127 592327E ; 905066N

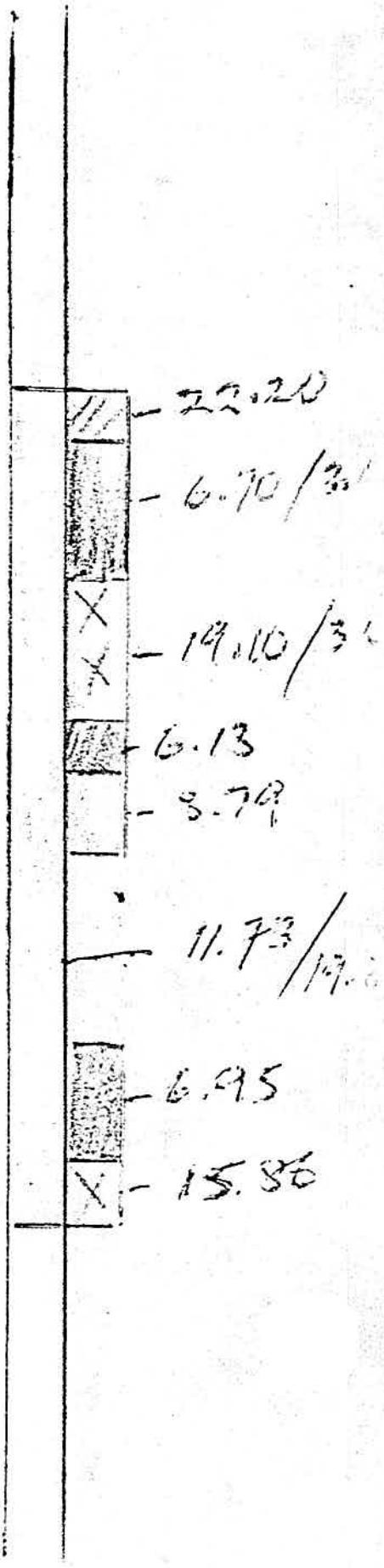
PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 569.0 Z = 1133.3

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 14 AUG 1985 3:50 PM


22.20
6.70
14.10
6.13
3.79
11.73
6.95
15.86

DIAMOND DRILL RECORD

LOGGED BY JJ

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. U-50 PAGE 5/5

CLAIM No.

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		~~dac~~ grey-black, well foliated F_2 = 30°, fissile, 1% sulphide as fine stringers diss., second contact 86.7-86.9 @ 30° strongly broken													
86.9	88.3	Calcite - Chlorite ± Fuchsite Alt. Zone mod. well foliated @ 30°, friable, 20% calcite; locally flakes of fuchsite, bright blue green, chlorite dark green - 20%, also present cream coloured chert. approx 1% po diss fine grains av. 1mm diam.	1.7/1.7												
88.3	91.4	Quartz Sulphide with Sericite - Pb 10 Pb 2 Zn 2 mod foliation F_2 = 30°, F_1 locally defined by sulphide bands @ 60°; fracturing @ 20° also common parting along F_2 detail	3.0/3.1	2045	88.3	91.4	3.1	1.65	1.10	12.14					
		88.3 - 90.2 as above pale yellow siliceous													
		90.2 - 91.4 dark grey with traces of graphite													
		91.4 - end of Hole													

DDH: FAGU050 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

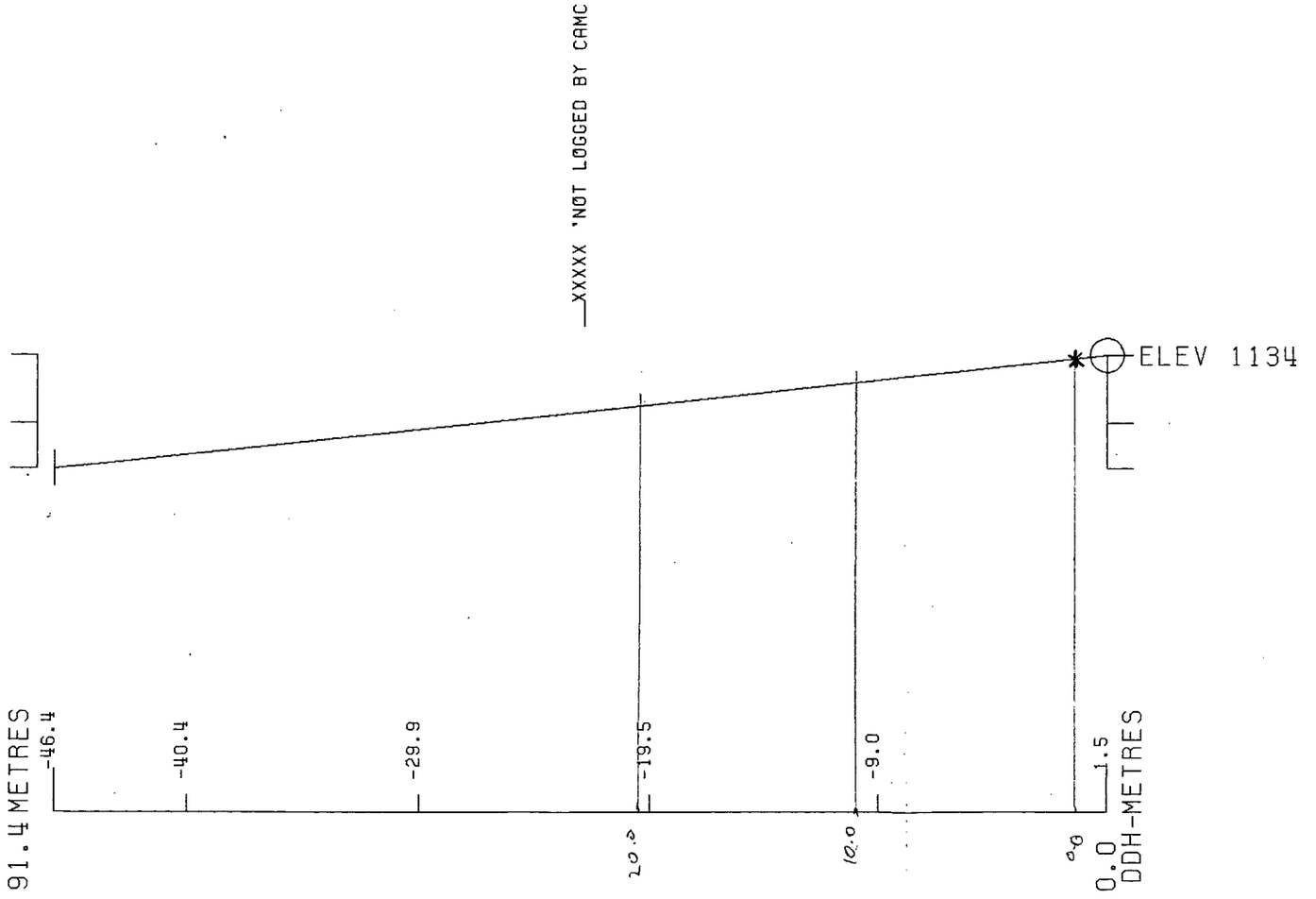
ELEV: 1134 592336E ; 905033N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 550.3 Z = 1134.2

SECTION NAME: 74W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 30 OCT 1984 4:21 PM



DDH: FAGU050 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

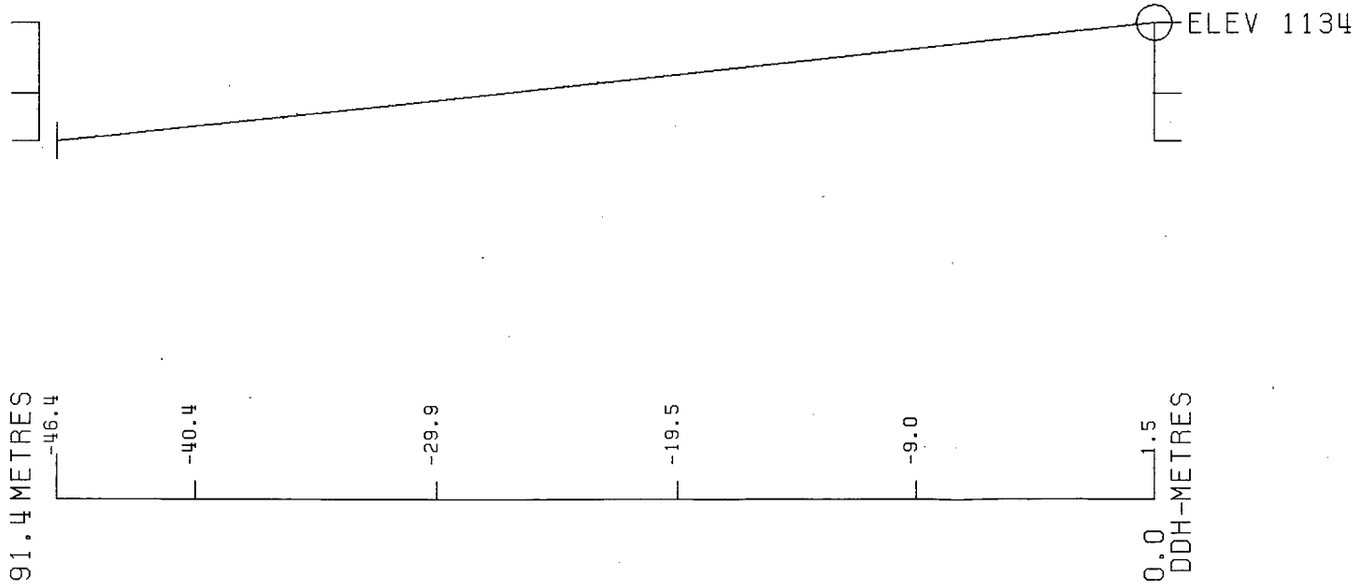
ELEV:1134 592336E ; 905033N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 550.3 Z = 1134.2

SECTION NAME: 74W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 30 OCT 1984 4:20 PM



LOGGED BY _____ D.D.H. NO 76-U-117 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		From 18.5 to 19.3; 19.8-21.3; 21.9to23.0: Bleached 15 5	1.9	3840	21.5	23.4	1.9	2.55	4.56	40.46			4.85	8.66	76.87
		Phyllite. Light gray with green fuchsite spots. Sporadic													
		sulphide blebs. Foliation at 45° sometimes with sulphide		W.Av.	17.0	21.5									
		laminae.		W.Av.	17.0	23.4	6.4	3.08	5.24	48.9			19.70	33.55	312.93
		23.4: Contact with Graphitic Phyllite (G) = 45°.													
23.4	25.4	GRAPHITIC PHYLLITE (G). Dark gray, broken, blocky core.	1.8		23.4	25.4	2.0								
		Size ranges from 3cm flakes to 20cm. Fissile. F foliation													
		@ 40°. F @ 85-90°. Sporadic blebs of sulphide - .5cm.													
		Nose @ 25.0.													
		25.4: Contact with Bleached Phyllite. Broken ground.													
25.4	26.6	BLEACHED PHYLLITE (Sb). Light gray. Foliation marked by	1.0		25.4	26.6	1.2								
		quartz laminae @ 25°. Nose at 25.6.													
		26.6: Fault contact-pebble sized quartz in thick sticky													
		gouge.													
26.6	61.0	GRAPHITIC SERICITE PHYLLITE. Competent. Foliation @ 25-45°.	32.9				34.4								
		F @ 0-10°. Leaf pyrite along foliation plane. Calcite													
		stringers in random orientation.													
		Fold noses at: 32; 34.5; 38.0; 40.6; 44.1; 45.5; 49.5; 50.8;													
		54.9; 56.5; 58.4; 60.5; Sheared at 51.8; 57.8.													

LOGGED BY _____ D.D.H. NO 76=U-117 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
39.6	56.5	QUARTZ-SULFIDES-GRAPHITE (PG). Broken blocky core ran-20 7	0.8	3465	39.6	41.1	1.5	6.10	10.37	68.57			9.15	15.555	102.86
		ging from pebble size to 3cm long blocks. Composi- 35 8	0.6	3466	41.1	42.7	1.6	3.45	7.86	46.29			5.52	12.576	74.064
		tional banding=75-80° (Sph rich bands in predominantly 35 6	0.7	3467	42.7	44.2	1.5	1.33	2.20	24.34					
		Py interval). Foliation=65-70° marked by alternating 35 7	0.5	3468	44.2	45.7	1.5	1.33	3.40	23.31					
		quartzo-feldspathic-graphite laminae and usually with 35 6	0.5	3469	45.7	47.2	1.5	1.40	3.86	25.37			2.1	5.79	38.055
		sulfide trains in the former. 10 2	0.4	3470	47.2	48.8	1.6	2.13	2.86	27.43			3.408	4.576	43.888
		41.1-41.2: Bleached Phyllite interval. White with 30 7	1.0	3471	48.8	50.3	1.5	4.28	3.86	50.40			6.42	5.79	75.6
		fuchsite laminae/spots. Broken core. 15 6	0.7	3472	50.3	51.8	1.5	1.48	2.70	17.14			2.22	4.05	25.71
		54.3-54.5: Fault bx (?) Angular sulfide fragments 15 6	0.7	3473	51.8	53.3	1.5	1.98	2.00	26.40			2.97	3.00	39.6
		cmeneted by graphitic material and fine sulfides. 40 8	1.1	3474	53.3	54.9	1.6	1.13	1.36	16.11			1.808	2.176	25.776
		Plane=10°, banding=90° (from C.A.). 60 12	1.6	3475	54.9	56.5	1.6	4.08	7.69	61.37			6.528	12.304	98.192
		Barite prisms along cavity walls.		W.Av.	39.6	42.7	3.1	4.37	9.07	57.07			14.67	28.131	176.92
		56.5: Abrupt change to Calcitic-sericite phyllite (SK).		W.Av.	45.7	50.3	4.6	2.59	3.51	34.25			11.928	16.156	157.54
				W.Av.	50.3	53.3	3.0	1.73	2.35	21.77			5.19	7.05	65.31
56.5	76.2	CALCITIC SERICITE PHYLLITE (SK). Blocky core ave: = 3cm.	18.2		56.5	76.2	19.7								
		Foliation=45-50°. Limy groundmass. Calcite also as thin													
		laminae and stringers. Trace of chlorite in some intervals		W.Av.	53.3	56.5	3.2	2.61	4.52	38.74			8.336	14.480	123.97
		ex: 64.5; 67.3; 61; 64: Mislatches. Poor core recovery=		W.Av.	42.7	53.3	10.6	1.99	2.98	27.74					
		0.1/1.5													
		71.7: F =0-5° marked by calcite.													

OGGED BY

D.D.H. NO 76-U-117 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		74.8-76.0:: FAULT. Phyllite and calcite fragment in grayish green sticky gouge.													
	76.2	END OF HOLE.													

DDH: FAGU117 -- 42 DEGREE PROFILE

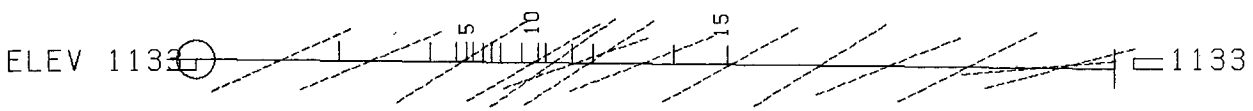
(VIEW AZIMUTH = 312 DEGREES)

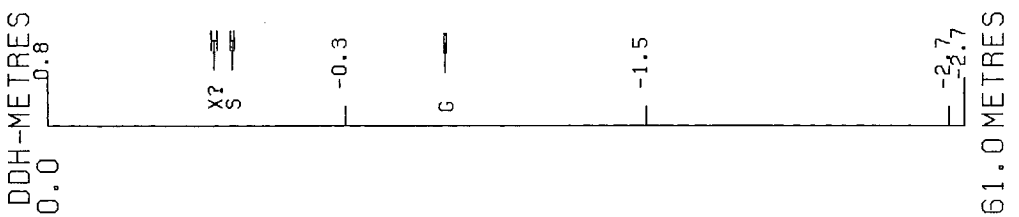
ELEV:1133 592343E ; 905040N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 560.5 Z = 1133.3

SECTION NAME: 74W





CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 2 NOV 1984 10:32 AM

DDH: FAGU117 -- 42 DEGREE PROFILE

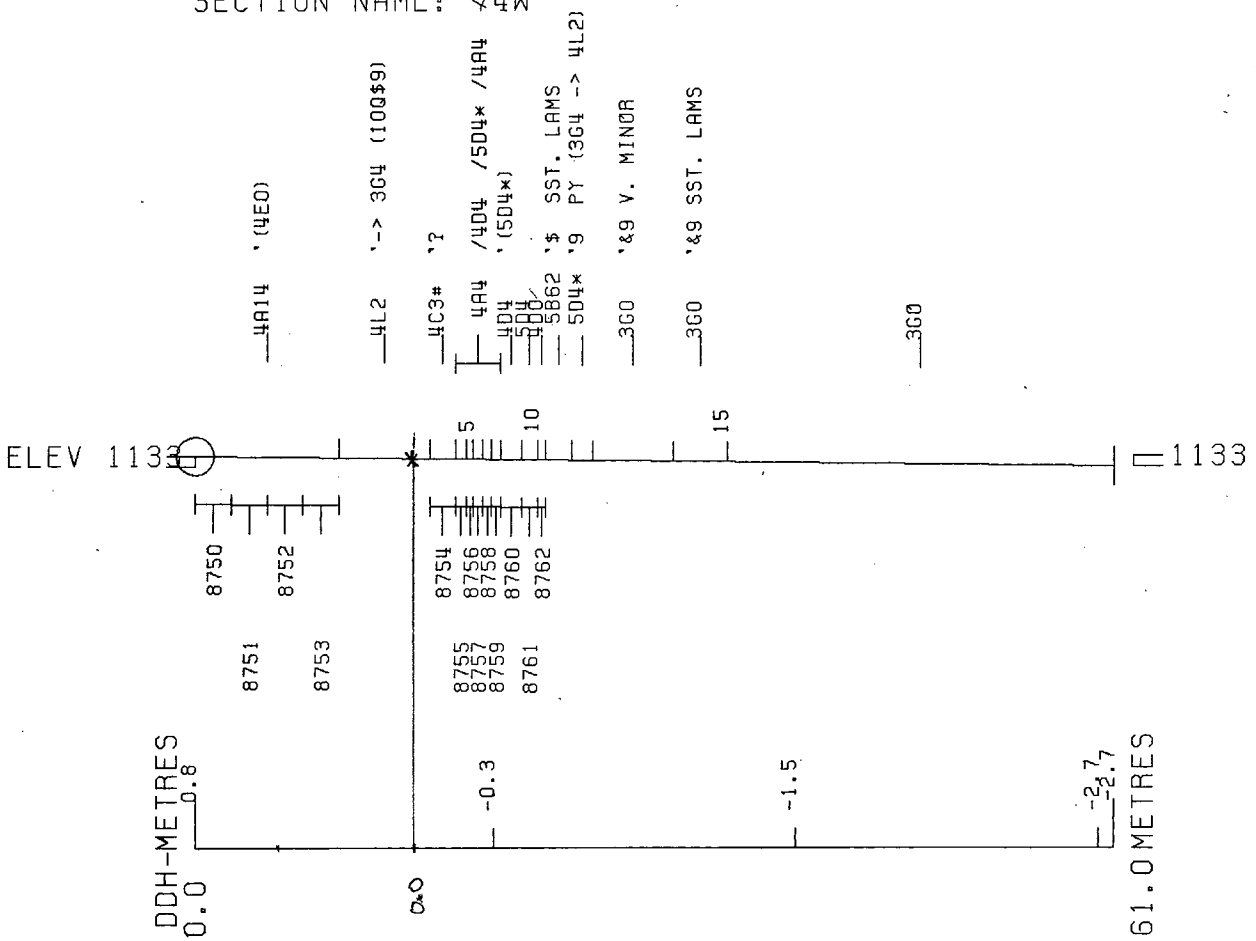
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1133 592343E ; 905040N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 560.5 Z = 1133.3

SECTION NAME: 4W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 NOV 1984 10:33 AM

DRILL HOLE : FAGU051
NORTHING : 905,033.5
EASTING : 592,335.1
ELEVATION : 1,135.4
TOTAL DEPTH : 70.0
SECTION : W 74
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: 17
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 21
NOS DOWN-H-STRUCTURE: 17
NOS DOWN-H-FAULTS: 6
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU051 UTM-N: 905,033.5 UTM-E: 592,335.1 UTM-ELEV: 1,135.4 TOTAL DEPTH: 70.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.5	08733	2.5	2.2	4A4	3.33	.04	2.90	7.80	54.00		.75	2	11	14						
2.5	5.0	08734	2.5	2.5	4A4	3.41	.03	3.10	6.40	60.00		.96	1	15	17						
5.0	7.6	08735	2.6	2.4	4A4	3.46	.04	2.20	5.00	44.00		.82	1	15	16						
7.6	10.1	08736	2.5	1.6	4C5	2.92	.04	1.82	3.90	33.00		.62	1	3	5						
10.1	12.6	08737	2.5	1.6	4C5	3.01	.05	1.60	2.70	29.00		.96	1	7	8						
12.6	15.2	08738	2.6	1.1	4C5	2.96	.03	2.60	2.60	41.00		.96	1	4	6						
22.9	24.0	08739	1.1	.9	4A4	3.10	.03	3.50	5.70	71.00		.96	2	6	9						
24.0	27.4	08740	3.4	3.0	5D4	3.05	.04	1.20	4.70	23.00		.48	6	3	10						
27.4	29.2	08741	1.8	1.2	4A41	3.42	.03	1.78	4.30	30.00	33.00	.96	1	2	4						
29.2	29.9	08742	.7	.6	4L14	2.85	.03	1.34	4.20	25.00		1.85	1	2	3						
29.9	30.7	08743	.8	.8	5C4*	2.85	.01	.06	.12	2.00		.27	5	1	7						
30.7	31.9	08744	1.2	1.1	4L124	2.90	.05	1.09	1.84	18.00		.62		5	6						
31.9	33.8	08745	1.9	1.9	4L14	2.84	.05	.93	1.72	15.00		.69		4	4						
33.8	35.7	08746	1.9	1.9	4L14	2.88	.05	.74	1.18	15.00		.69		6	7						
35.7	38.2	08747	2.5	2.4	4A4	3.02	.08	2.50	4.70	45.00		.82		7	8						
38.2	40.7	08748	2.5	2.3	4A4	3.14	.05	1.71	3.10	33.00		.96	1	8	10						
40.7	41.7	08749	1.0	.8	4E4	4.04	.09	8.70	16.30	158.00		1.44	2	14	17						
WEIGHTED AVERAGE																					
.0	15.2		15.2	11.4		3.18	.03	2.37	4.72	43.48		.84	1	9	11						
22.9	41.7		18.8	16.9		3.08	.04	1.90	4.07	35.15	3.15	.80	2	5	8						

DDH: FAGU051 UTM-N: 905,033.5 UTM-E: 592,335.1 UTM-ELEV: 1,135.4 TOTAL DEPTH: 70.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	42.000	224.000

DDH: FAGU051 UTM-N: 905,033.5 UTM-E: 592,335.1 UTM-ELEV: 1,135.4 TOTAL DEPTH: 70.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
7.6	0001	4A4	(4DO) MINOR	0.5-	1
15.2	0002	4C5	? (4L13) [4CL (4AL)]	0.5-	1
22.9	0003	3G0	SPECKLED 89 MINOR	0.5-	1
24.0	0004	4A4		0.5-	1
27.4	0005	5D4*		0.5-	1
29.2	0006	4A41		0.5-	1
29.9	0007	4L14	[4DL]	0.5-	1
30.7	0008	5C4*		0.5-	1
31.9	0009	4L12	4 [4CL]	0.5-	1
35.7	0010	4L14	[4DL]	0.5-	1
40.7	0011	4A4		0.5-	1
41.7	0012	4E4	975 ALL MINOR (4JC) MINOR	0.5-	1
42.7	0013	5C4*	MOTTLED	0.5-	1
43.7	0014	4L14	(5D4*)	0.5-	1
48.1	0015	5B6$	22 [5AO] (10C$)	0.5-	1
49.2	0016	5D4*		0.5-	1
53.3	0017	5B6	&2 &$ (5D4*) (10C$)	0.5-	1
54.9	0018	5D4$	(5B8$) 70:30	0.5-	1
56.2	0019	5B8$	[5B68$]	0.5-	1
69.0	0020	5B0	(5B80)	0.5-	1
70.1	0021	5DC		0.5-	1

DDH: FAGU051 UTM-N: 905,033.5 UTM-E: 592,335.1 UTM-ELEV: 1,135.4 TOTAL DEPTH: 70.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE COE	DHDC	SDC	PROCESS
FAGU051	0.0	3.8	PS2		0	0	0	0	51	230	0	1	1	1
FAGU051	0.0	13.9	PS2		0	0	0	0	57	230	0	1	1	1
FAGU051	0.0	16.2	PS2		0	0	0	0	47	230	0	1	1	1
FAGU051	0.0	20.5	PS2		0	0	0	0	33	230	0	1	1	1
FAGU051	0.0	29.0	PS2		0	0	0	0	50	230	0	1	1	1
FAGU051	0.0	33.2	PS2		0	0	0	0	40	230	0	1	1	1
FAGU051	0.0	42.6	PS2		0	0	0	0	75	230	0	1	1	1
FAGU051	0.0	47.8	PS2		0	0	0	0	48	230	0	1	1	1
FAGU051	0.1	49.2	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU051	0.0	49.8	CS2		0	0	0	0	39	230	0	1	1	1
FAGU051	0.0	53.5	CS2		0	0	0	0	53	230	0	1	1	1
FAGU051	49.2	54.3	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU051	0.0	58.9	PS2		0	0	0	0	56	230	0	1	1	1
FAGU051	54.3	59.2	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU051	0.0	64.8	CS2		0	0	0	0	63	230	0	1	1	1
FAGU051	0.0	69.2	CS2		0	0	0	0	65	230	0	1	1	1
FAGU051	59.2	70.1	CS2	S	0	0	0	0	0	0	0	1	1	1

DDH: FAGU051 UTM-N: 905,033.5 UTM-E: 592,335.1 UTM-ELEV: 1,135.4 TOTAL DEPTH: 70.0 SECTION: W 74
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
FAGU051	0.0	2.6	X			0	0	0	0	0	0	1
FAGU051	0.0	17.9	SX			0	0	0	0	0	0	1
FAGU051	18.8	19.1	SX			0	0	0	0	0	0	1
FAGU051	19.6	19.8	SX			0	0	0	0	0	0	1
FAGU051	21.0	22.9	GR			0	0	0	0	0	0	1
FAGU051	43.7	43.9	X			0	0	0	0	0	0	1

DDH: FAGU051 UTM-N: 905,033.5 UTM-E: 592,335.1 UTM-ELEV: 1,135.4 TOTAL DEPTH: 70.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU051	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U051

Project: GRUM RELOG

Location: VANGORDA PLATEAU

Claim: _____

UTM
~~Terr.~~ Plane
Co-ords.: 6,905,033.50 N

592,335.12 E

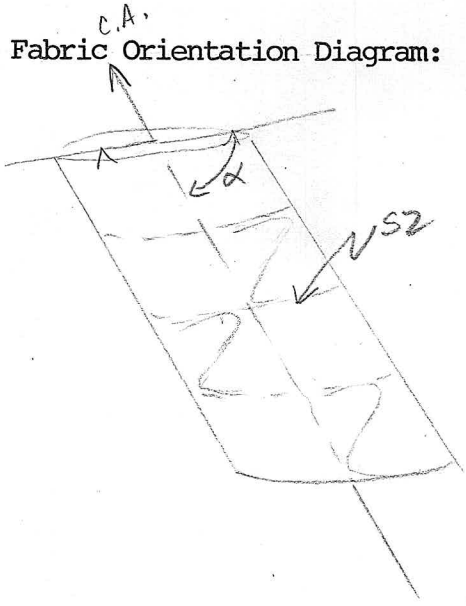
conversion of K-A surveyed grid locations

Grid
Co-ords.: 74W | 6N

Elevation: 1136.29 5.39

Total Depth: 70.1 m.

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Purpose: _____

Logged by: RE PN Date(s) Logged: AUG 11 | 80

Drilling Contractor: _____

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

Started: MAR. 26 | 76 Completed: MAR. 27 | 76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U051

Code	Drillhole (2–8)	Elevation (10–16)	Northing (17–24)	Easting (25–32)	Comments (34–48)
T	76-U051	1135.4	9060333.5	592335.1	METRES

Code	Drillhole (2–8)	Depth (10–14)	Zenith Angle (22–26)	True Azimuth (28–32)	Comments (34–56)
R	76-U051	0 0	42.0	224.0	AT COLLAR
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					
R					

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

DDH 76-U05-L (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PJ

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	10 0	76	11	4A4	5% PbZn; py > PbZn; vuggy & slightly brecciated at 2.6 m; few 4D0 interbands;
L	76	152	12	4L4A	15% PbZn; 20% py; 4AL (phyll. 4A) intcls. w/ 4L3 [4DL?];
L	152	210	13	5B0	5820 w/ minor 4L5; talcy in parts; sheared & brecciated at 17.9, 18.8–19.1, 19.6–19.8 m;
L	210	229	14	5B0	gouge w/ siliceous & calcareous pebbles; 5% PbZn from 22.5–22.7 m;
L	229	240	15	4A4	; 5% PbZn;
L	240	274	16	5D4	calcareous; w/ manganite & ankerite & few sulphides; minor 4A4 (5% PbZn) at 24.8, 25.2–25.6, 25.8–25.9 26.1–27.4 m; 4A3 27.4–27.5 m;
L	274	292	17	4AB	; 5% PbZn;
L	292	299	18	4L1	4; [4DL?]; 5% PbZn?
L	299	307	19	5C4	Calcareous w/ manganite, ankerite & minor py;
L	307	319	10	4L1	[4CLJ]; 3% PbZn;
L	311	357	11D	4AIL	1 or 4AI phyllitic; 3% PbZn;
L	357	407	111	4A4	5% PbZn; py > PbZn;
L	407	417	112	4E4	10% PbZn; minor cpy, po, graphite; few 4J0 interbands;
L	417	427	113	5D4	*not mottled w/ chl blebs, slightly calcareous;
L	427	437	114	4L1	3% PbZn; minor bands of 5D4 w/ manganite;
L	437	481	115	5A0	minor py; brecciated 43.7–43.9 m; calcite fracture fillings;
L	481	492	116	5D4	light tan colour; calcareous; qtz–calcite bands;
L	492	533	117	5B0	talcy; graphitic 51.4–52.2 m; qtz veins throughout;
L	533	691	118	5B8	light tan-coloured calcareous 5D4 w/ manganite 53.3–53.6, 54.3–54.8 m; calcareous; minor 5D0;
L	691	710	119	5D0	
		EOH			

DDH FAGU05.1 (2 Relog 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 1 of 1

Date: 28 Aug 82 Logged By: DSJ/GAJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	115 2	229			3G0	±9 minor as wkly carb. S₂ folia; well devel'd carbonate micro porphs i.e. "speckled"; folia m. schwy gray
						Sulfides above & below gone
L	426	481			5B6*	±2; *=dd. wkly devel'd; (OQ*); minor gtz-py-ZnS nr. TOI
L	481	492			5D4*	Fuchsitic, normal
L	492	533			5B6	±2±* (5D4* fuch, OQ* dol.) 5D4*>OQ* minor
L	533	549			5D4*	(5B8*); 70:30; 5B8* in MOI
L	549	562			5B8*	[5B68*]
L	562	701			5B9	(5B80); from 69.0-70.1 = 500

C.A.M.C. 1981 – E-3

DDH 76-V-051 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: PN

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		38	PS12			51 2310	
S		139	PS12			57 2310	
S		162	PS12			47 2310	
S		205	PS12			33 2310	
S		290	PS12			50 2310	
S		332	PS12			40 2310	
S		426	PS12			75 2310	
S		478	PS12			48 2310	
S		492	F12	R			S sym. 49.2 – 54.3m;
S		498	CS12			39 2310	
S		535	CS12			53 2310	
S		543	F12	S			R Region 54.3 – 59.2m; minor S sym;
S		589	PS12			56 2310	
S		592	F12	R			S sym. 59.2 – 70.1m;
S		648	CS12			63 2310	
S		692	CS12			65 2310	
		EOH					

(3)

DDH EAGU051 (2 … 8) 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	KA
1	10 … 14	16 … 20	22 … 26	28 … 30	32 … 34	36 … 40	42	
P	00	25	87333	25	22	4AH		2020-1
P	25	50	87334	25	25	4AH		2022
P	50	76	87335	26	24	4A4		2023-4
P	76	101	87336	25	16	4LA1	4AL (phyll 4A) intcb w/ 4L13 [4CL]	2025 2046
P	101	126	87337	25	16	4LA1	"	2047
P	126	152	87338	26	11	4L4A1		2048-9
P	229	240	87339	11	09	4AH1		2050
P	240	274	87340	34	30	504	intcb. w/ 404	2051-2
P	274	292	87341	18	12	4A41		2053
P	292	299	87342	07	06	4L1H	[4DL?]	2054
P	299	307	87343	08	08	5C4*		2054
P	307	319	87344	12	11	4L1	[4CL]	2055
P	319	338	87345	19	19	4A41	[4A1 phyll c]	2056
P	338	357	87346	19	19	4A41	[4A1 phyll]	2057
P	357	382	87347	25	24	4A4		2058-9
P	382	407	87348	25	23	4A4		2060
P	407	417	87349	10	08	4EH		2061, 2084

DDH FA GU05 1 (2 — 8)

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 — 14	16 — 20	22 — 24	26	28 — 32	34 — 38	40 — 44	
		126	X					
		179	S X					
	188	191	S X					
	196	198	S X					
	437	439	X					
	310	329	S R					

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

DIAMOND DRILL RECORD

LOGGED BY Alexander Y. Po.

PROPERTY Grum Joint Venture

LATITUDE* 10,826 | 6N 74W | BEARING OF HOLE* 224°

DEPARTURE* 7643 | DIP OF HOLE* +48°

ELEVATION* 1146.7 | DIP TESTS None. ~~Azimut 224.~~

STARTED MARCH 26, 1971

COMPLETED MARCH 27, 1971

Proposed:

DEPTH Ultimate: 70.1 M

H.D. = 46.90

V.D. = 52.09 (148.6 ft.)

D.D.H. No. U-51 PAGE 1/5

CLAIM No.

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

* Approximated

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	15.2	QTz-Sulfide; Broken cores; highly fissile. F_2 40°-regular and interlacing QTz-sulfide bands. F_1 very crenulated and offsetted by F_2 ax-plane parallel to F_2. Local concentration of sulfides in and around shattered grd. Vuggy in places													
		0-1.5 - First 10 cm is shattered grd. gradually getting more sulfides toward end of run	PM 20 6	1.0/1.5	2020	0	1.5	1.5	2.10	4.45	35.31			3.15	6.675	52.965
		1.5-3.0. Distinct enriched sulfide bands parallel to F_2. Vuggy. Bx 1.5-1.6 - frigments of qtz, sulfides, phyllites & lcm. cemented by sericitic clay	30 8	1.0/1.5	2021	1.5	3.0	1.5	3.20	10.14	49.37			4.80	15.21	74.055
			30 8	1.0/1.5	2022	3.0	4.5	1.5	3.15	6.93	56.57			4.725	10.395	84.855
			30 10	1.2/1.5	2023	4.5	6.0	1.5	2.93	4.10	46.29			4.395	6.15	69.435
		3.0-4.5 - Fairly consistent distribution of sulfide bands.	30 8	0.7/1.6	2024	6.0	7.6	1.6	2.45	4.20	44.23			3.92	6.72	70.768
			30 8	0.9/1.5	2025	7.6	9.1	1.5	1.60	2.90	25.87			2.40	4.35	38.805
		4.5-6.0 - Same as previous run; core has wide bands of sulfides	20 6	0.7/1.5	2046	9.1	10.6	1.5	1.53	3.75	30.17			2.295	5.625	45.255
			20 4	0.4/1.5	2047	10.6	12.1	1.5	1.68	1.25	25.37			2.52	1.92	38.055
		6.0-7.6 - Shattered grd. at 7.5(?)-7.6. Poor recovery	30 6	0.5/1.6	2048	12.1	13.7	1.6	1.48	1.43	23.31			2.368	2.288	37.296
		7.6-9.1 - Core all broken up. Shear fr 8.0 m To 8.5	20 9	0.4/1.5	2049	13.7	15.2	1.5	2.65	2.30	38.40			3.98	3.45	57.60
		9.1-15.2 - Essentially similar to previous "7.6-9.1" run but w/ ~~decreasing~~ mineralization. Shears - 11-5 → 12.1; 12.5-12.8; 14.0-14.1				0	7.6	7.6	2.74	5.94	46.33			21.920	45.120	352.108
					With	1.5	4.5	3.0	3.17	8.54	52.07			9.525	25.605	156.210
					N to W	4.5	7.6	3.1	2.68	6.15	45.23			7.315	12.83	95.203
					With	7.6	10.6	3.0	1.57	3.32	27.97			4.695	9.975	83.910
					With	10.6	13.7	3.1	1.58	1.35	20.31			4.898	4.208	62.961
					Wk. N.	7.6	15.2	7.6	1.79	2.32	28.46			13.57	17.64	216.26

DIAMOND DRILL RECORD

LOGGED BY Alexander Young P.Eng

PROPERTY GRUM JOINT VENTURE

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: 70.1 M

D.D.H. No. U-51 PAGE 3/5

CLAIM No. _____

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
15.2	22.9	QTZ-sericite phyllite, fairly competent with distinct F_2 - 45°; F_1 20-30° regular wavy laminae b.o.f. F_2. Minor sulfide showings asso. with quartz stringers. Shearing towards end of run. Details:													
		15.2 - 15.3 shear with minor sulfide showings.													
		18.0 - 18.1 shear. phyllite fragments cemented by sericite-clay.													
		19.6 - 19.8 shear. phyllite-quartz fragments (Bx) cemented by sericite clay;													
		21 - 21.2 - Gouge w/ very small fragments of phyllite and qtz. associated with small sulfide grains.													
		21.3 - 22.9 - All gouge material w/ fragments of phyllite - qtz - sulfides poor recovery (0.3/1.6)													
22.9	27.4	QTZ - sericite - sulfide w/ traces of graphite. Sulfide rich in first 0.5 cm of run and gradually tapering into bleached sericite w/ Fuchsite associated with local concentration of sulfides. Details													
~~24.3~~		22.9 - 24.3 - Broken grd in first 10 cm of run. Bleached seri-													

see p93

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: _____

D.D.H. No. U-51 PAGE 3/5

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION		Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		cite from 24 to 24.3. F_2 - 30°-40°; F_1 - 20-30 oftentimes merging w/ F_2.														
		24.3 - 25.9 - Broken ground w/ short spurs of bleached phyllite and intervals of sulfide bands.														
		25.9 - 27.4 - Very poor grd. Fragments and pebble size bleached phyllites, quartz, sulfides mixed together.														
27.4	28.9	Broken ground; QTZ sericite sulfide with short runs of bleached phyllite. Trace of graphite. F_2 - 40° F_1 - crenulation ax. plane - 20°.	20 6	0.9/1.4	2050	22.9	24.3	1.4	3.93	5.39	94.74			5.502	7.546	106.636
			20 4	0.8/1.6	2051	24.3	25.9	1.6	1.95	5.14	28.46			3.12	8.224	45.536
			25 8	0.2/1.5	2052	25.9	27.4	1.5	2.75	7.93	42.51			1.125	11.895	63.765
28.9	30.5	Fairly competent; Quartz Sulfide; Fe very distinct 45° w/ F_1 - almost parallel to it. Half of core run is bleached phyl. w/ fuchsite (30-30.5).	20 6	1.0/1.5	2053	27.4	28.9	1.5	2.20	3.50	35.31			3.30	5.25	52.97
			20 4	1.4/1.6	2054	28.9	30.5	1.6	1.08	2.50	17.14			3.58	Ft Zn	
			20 4	1.4/1.5	2055	30.5	32.0	1.5	1.58	1.65	20.23			3.26	"	
30.5	39.6	Quartz sulfide (sericite) w/ short runs of bleached phyllite. Fairly competent grd., very siliceous. Fe distinct 45° w/ F_1 parallel. Sulfide bands and peppering in grdmass more evenly distributed than previous runs except for local concentration in places. Graphite traces indicated.	30 6	1.5/1.5	2056	32.0	33.5	1.5	1.08	1.83	14.06			2.91	"	
			30 6	1.5/1.5	2057	33.5	35.0	1.5	0.65	1.45	13.03			2.10	"	
			30 6	1.5/1.5	2058	35.0	36.5	1.5	1.88	1.55	31.20			3.63		
			30 8	1.5/1.5	2059	36.5	38.0	1.5	3.18	6.62	55.54			4.77	9.93	83.31
			30 8	1.4/1.5	2060	38.0	39.6	1.6	1.65	2.83	30.17			2.64	4.528	48.272
		Details	30 8	1.5/1.5	B2061	39.6	41.1	1.5	5.61	8.99	98.74			8.415	13.485	Ag.

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY GRUM

D.D.H. No. 4-51 PAGE 4/5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		30.5 - 32 - First 10 cm, bleached sericite phyllite w/ fuchsite. It then gradually changes to quartz sericite sulfide.	0.5/1.5	2084	41.1	41.6	0.5	6.30	10.14	99.63			3.15	5.07	49.815
		32 - 39.6 - Essentially quartz sericite sulfide, w/ evenly distributed mineralization and patchy concentration in places.		WAn	22.9	28.9	6.0	3.68	5.49	44.09			22.08	32.94	264.54
				WAn	22.9	27.4	4.5	2.83	6.15	47.54			12.747	27.675	213.93
				WAn	28.5	36.5	7.6	3.06	Pt 2m						
				WAn	28.6	21.6	3.0	4.20	2.13	25.19			3.215	21.378	225.57
39.6	41.1	QTz - sericite sulfide $F_1 \simeq F_2$ 60° with large bands of almost massive sulfides. Sulfides increases toward end of run. MASSIVE sulfide 40. - 41.1 sharp contact. 90°		WAn	36.5	41.6	5.1	3.72	6.47	64.12			18.975	33.013	329.00
41.1	42.6	MASSIVE SULFIDES from 41.1 - 41.2. Sharp contact w/ chloritic gty sericite phyllite. Very Siliceous w/ very minor sulfide peppering													
42.6	59.4	QTz sericite phyllite. Very siliceous partly chloritic w/ minor sulfide showing. F_2 45 - 50°, F_1 - 30° Bleached phyllite in some intervals. Relatively competent w/ good core recovery. 45.7 - 47.2 has poor recovery becx of mistatch $\frac{0.4}{1.5}$. 48 - 49 - bleached phyllite. 53.3 - 56 bleached phyllite 56 - 59.4 QTz ser. phyl. F_2 - 60° F_1 - parallel to F_2													

DIAMOND DRILL RECORD

LOGGED BY A.Y. Po

PROPERTY GRUM

D.D.H. No. 4-51 PAGE 5/5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: _____ Ultimate: _____

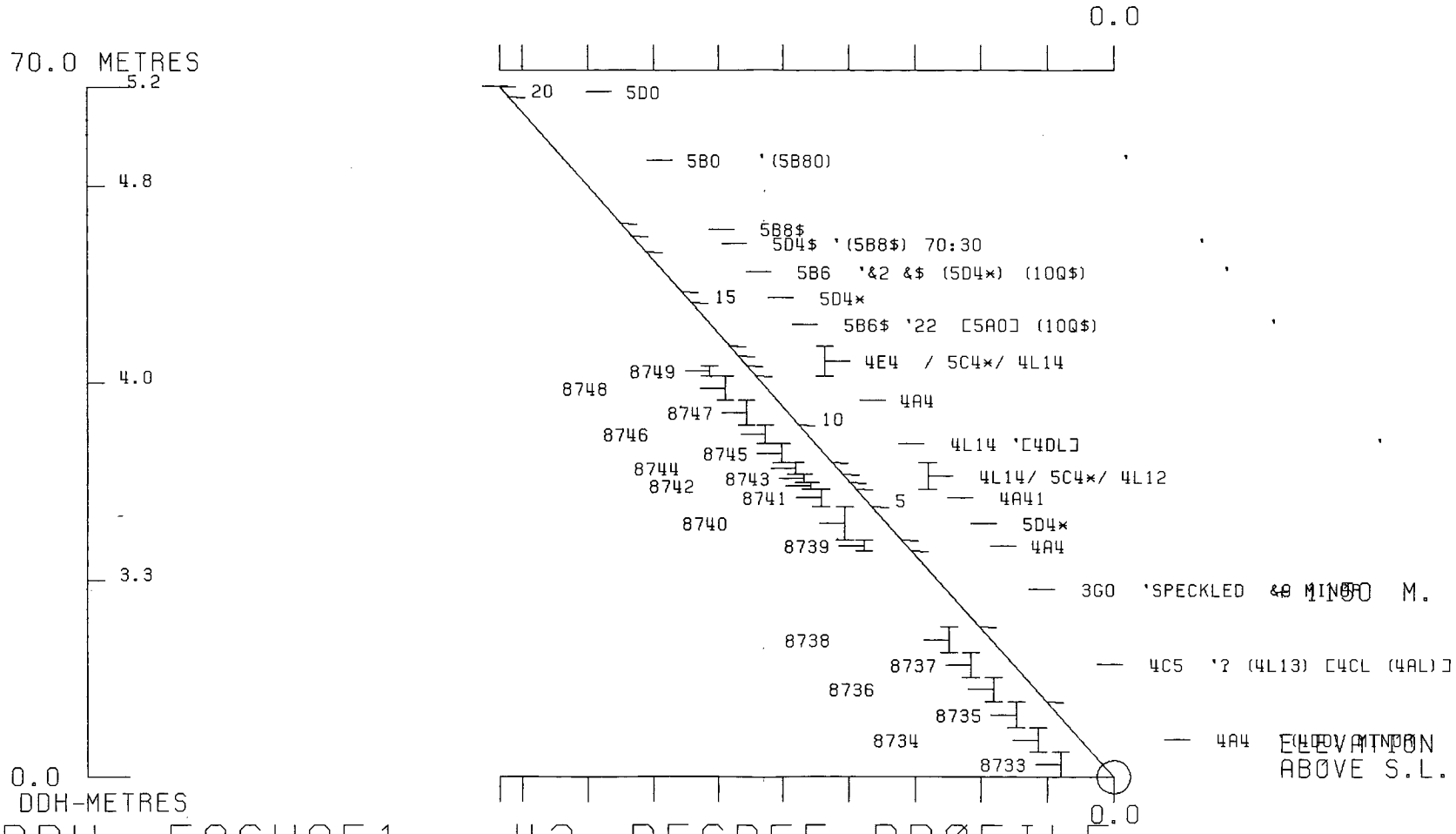
CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
59.4	70.1	QTZ sericite, competent. Fz clearly indicated 60-70 w/ F1 as crenulated structure parallel (axial plane) to Fz. Completely barren except for sporadic and rare grains of Py.
		59.4 - 65.5 - essentially as described above
		65.5 - 67 - shear at 66.8 To 67. QTZ pebbles and phyl. fragments cemented by dark sericitic clay.
		67 - 68.5 - QTZ ser phyllite - very fissile but w/ high core recovery 1.5/1.5 Fz 70-75° F1 ≥ 60°
		68.5 - 70.1 - QTZ ser phyl. patly chloritic Fz - 75 F1 - 60 and the two sometime merges. HOLE BOTTOMED IN WASTE.
	70.1	End of hole

Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 NOV 1984 10:15 AM



DDH: FAGU051 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

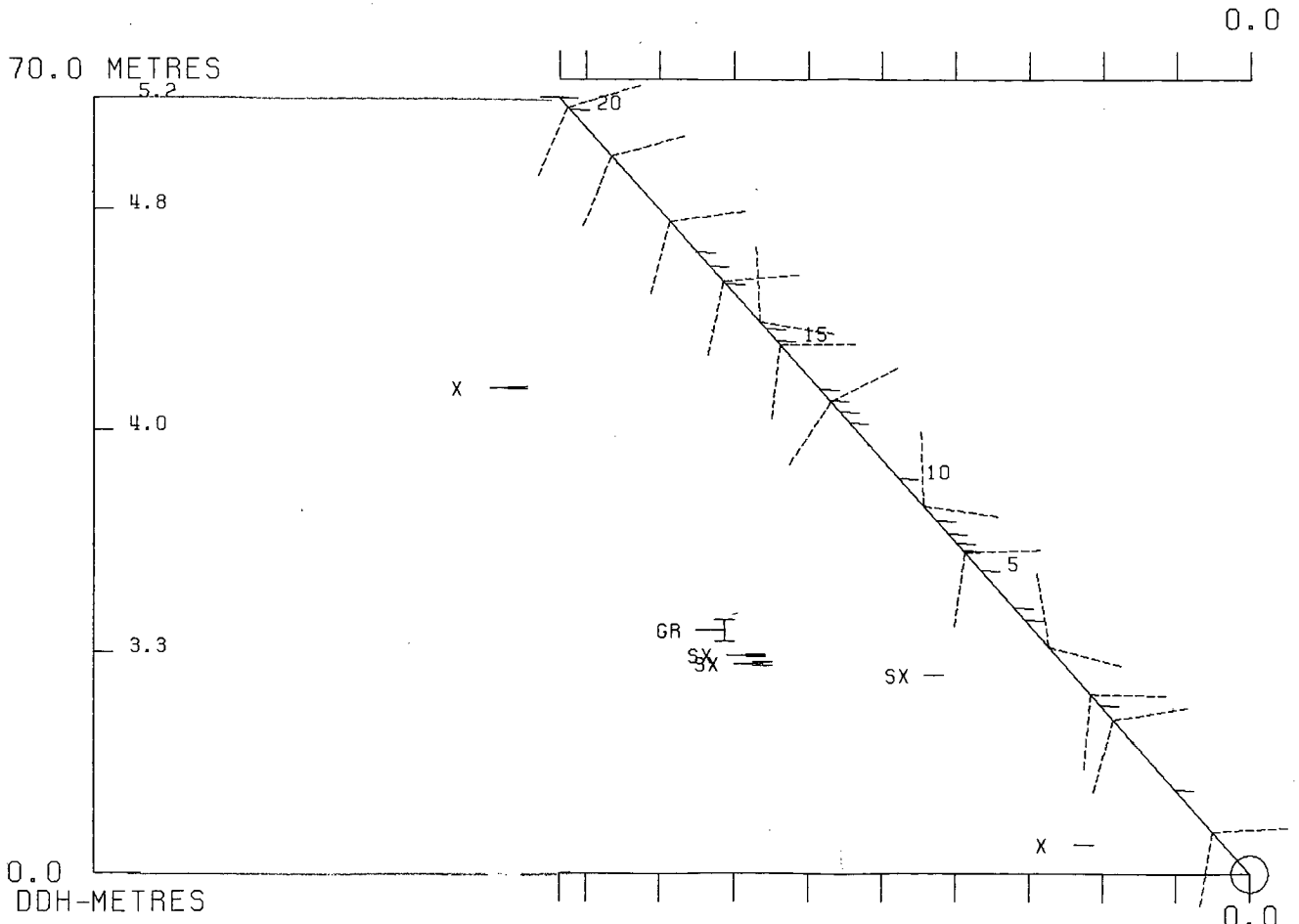
ELEV:1135 592335E ; 905034N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 550.0 Z = 1135.9

SECTION NAME: 74W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 2 NOV 1984 10:12 AM



+ 1150 M.

ELEVATION
ABOVE S.L.

DDH: FAGU051 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV:1135 592335E ; 905034N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 550.0 Z = 1135.9

SECTION NAME: 74W

DRILL HOLE : FAGU052
NORTHING : 905,033.9
EASTING : 592,335.3
ELEVATION : 1,136.7
TOTAL DEPTH : 57.9
SECTION : W 74
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: 18
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 23
NOS DOWN-H-STRUCTURE: 19
NOS DOWN-H-FAULTS: 6
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU057 UTM-N: 905,033.4 UTM-E: 592,335.2 UTM-ELEV: 1,133.2 TOTAL DEPTH: 53.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU057	1	1

DDH: FAGU052 UTM-N: 905,033.9 UTM-E: 592,335.3 UTM-ELEV: 1,136.7 TOTAL DEPTH: 57.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	3.0	09168	3.0	2.4	4A14	3.38	.04	1.88	6.10	47.00		.89	2	14	17						
3.0	5.0	09169	2.0	2.0	4A14	3.33	.04	1.65	5.30	40.00		1.17	3	15	19						
5.0	7.0	09170	2.0	2.0	4A14	3.29	.05	2.40	5.50	46.00		.89	2	14	16						
7.0	8.7	09171	1.7	1.4	4A14	3.16	.03	2.02	5.20	36.00		.75	2	8	11						
8.7	10.6	09172	1.9	1.8	4A14	2.88	.05	1.74	4.20	64.00		.69	1	2	4						
10.6	13.7	09173	3.1	1.8	4A1	2.89	.04	1.89	2.60	35.00		.96	1	4	6						
13.7	16.2	09174	2.5	.9	4A14	2.95	.06	3.20	3.30	45.00		.82	1	5	7						
19.8	20.8	09175	1.0	1.0	4A4		.03	4.60	8.60	81.00											
25.9	27.5	09176	1.6	1.1	4A14	3.18	.09	2.40	4.40	43.00		1.10	2	9	11						
27.5	28.2	09177	.7	.7	4L14	3.03	.04	1.55	4.60	32.00	30.00	.75	2	4	6						
29.6	30.9	09178	1.3	1.3	4L14	3.01	.06	2.05	2.74	30.00		.41	2	3	6						
30.9	32.8	09179	1.9	1.8	4A1	2.97	.07	.93	1.31	15.00		1.17	1	7	9						
32.8	34.8	09180	2.0	2.0	4A1	2.99	.06	2.70	.96	23.00		1.30	1	4	5						
34.8	35.9	09181	1.1	1.1	4A14	3.01	.07	3.10	2.94	33.00		.75	1	6	7						
35.9	37.5	09182	1.6	1.6	4A4	3.10	.12	3.20	4.32	53.00		.89	2	8	10						
37.5	38.9	09183	1.4	1.4	4A0	3.41	.12	1.62	3.04	35.00		1.37	1	16	17						
38.9	39.4	09184	.5	.5	5C*	2.98	.03	.27	.30	5.00		.21	4	3	7						
39.4	40.5	09185	1.1	1.0	4AE	3.61	.15	5.50	9.60	100.00		1.17	4	13	17						
WEIGHTED AVERAGE																					
.0	16.2		16.2	12.3		3.12	.04	2.11	4.50	44.24		.88	2	9	11						
19.8	20.8		1.0	1.0			.03	4.60	8.60	81.00											
25.9	28.2		2.3	1.8		3.13	.07	2.14	4.46	39.65	9.13	.99	2	8	10						
29.6	40.5		10.9	10.7		3.12	.08	2.46	3.03	36.33		1.00	2	7	10						

DDH: FAGU052 UTM-N: 905,033.9 UTM-E: 592,335.3 UTM-ELEV: 1,136.7 TOTAL DEPTH: 57.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	24.800	229.400

DDH: FAGU052 UTM-N: 905,033.9 UTM-E: 592,335.3 UTM-ELEV: 1,136.7 TOTAL DEPTH: 57.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
8.7	0001	4A1	&4 (4D45)	0.5-	1
16.2	0002	4A1	PHYLLITIC [4B4]	0.5-	1
19.8	0003	5B1	-> 5B16 -> 4B4 LOCALLY	0.5-	1
20.8	0004	4A4	&1 (4JO) MINOR	0.5-	1
21.7	0005	5B6		0.5-	1
22.8	0006	5D4*		0.5-	1
25.9	0007	5B6		0.5-	1
27.5	0008	4A1	CARBON AND PHYLLITIC	0.5-	1
28.2	0009	4L14	[4DO SERICITIC]	0.5-	1
29.6	0010	5C4*		0.5-	1
30.9	0011	4L14	[4DO SERICITIC]	0.5-	1
35.9	0012	4A1	PHYLLITIC	0.5-	1
38.9	0013	4AO	&4 (4E15) MINOR	0.5-	1
39.4	0014	5C*		0.5-	1
40.5	0015	4AO	(4E4) 70:30	0.5-	1
45.6	0016	5B6	-> 5B62	0.5-	1
46.2	0017	5D4*		0.5-	1
50.0	0018	5B6		0.5-	1
53.4	0019	5DO	(5B6) 70:30	0.5-	1
53.9	0020	5D4#	[5DO &4]	0.5-	1
54.5	0021	5B4O	[5BO &4]	0.5-	1
54.9	0022	5D4#		0.5-	1
57.9	0023	5D4	?	0.5-	1

DDH: FAGU052 UTM-N: 905,033.9 UTM-E: 592,335.3 UTM-ELEV: 1,136.7 TOTAL DEPTH: 57.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU052	0.0	1.3	PS2		0	0	0	0	53	230	0	1	1	1
FAGU052	0.0	7.1	PS2		0	0	0	0	75	230	0	1	1	1
FAGU052	0.1	8.7	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU052	0.0	11.2	CS2		0	0	0	0	77	230	0	1	1	1
FAGU052	0.0	15.3	CS2		0	0	0	0	67	230	0	1	1	1
FAGU052	0.0	19.7	CS2		0	0	0	0	71	230	0	1	1	1
FAGU052	8.7	21.6	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU052	0.0	24.0	PS2		0	0	0	0	52	230	0	1	1	1
FAGU052	0.0	29.0	PS2		0	0	0	0	72	230	0	1	1	1
FAGU052	21.6	29.6	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU052	0.0	33.5	CS2		0	0	0	0	68	230	0	1	1	1
FAGU052	0.0	38.1	CS2		0	0	0	0	64	230	0	1	1	1
FAGU052	0.0	43.0	CS2		0	0	0	0	74	230	0	1	1	1
FAGU052	0.0	48.5	CS2		0	0	0	0	48	230	0	1	1	1
FAGU052	29.6	48.6	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU052	0.0	50.9	CS2		0	0	0	0	64	230	0	1	1	1
FAGU052	48.6	51.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU052	0.0	54.1	PS2		0	0	0	0	67	230	0	1	1	1
FAGU052	51.0	57.9	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGU052 UTM-N: 905,033.9 UTM-E: 592,335.3 UTM-ELEV: 1,136.7 TOTAL DEPTH: 57.9 SECTION: W 74
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
FAGU052	0.0	4.2	R			0	0	0	0	0	0	1
FAGU052	8.0	8.7	X			0	0	0	0	0	0	1
FAGU052	0.0	8.7	R			0	0	0	0	0	0	1
FAGU052	12.0	15.0	RF	2		0	0	0	0	0	0	1
FAGU052	24.4	25.9	MN			0	0	0	0	0	0	1
FAGU052	54.9	57.9	GB			0	0	0	0	0	0	1

DDH: FAGU052 UTM-N: 905,033.9 UTM-E: 592,335.3 UTM-ELEV: 1,136.7 TOTAL DEPTH: 57.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU052	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U052

Project: GRUM RELOG

Location: VANGORDA PLAT

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 6905033.9 N

592335.3 E

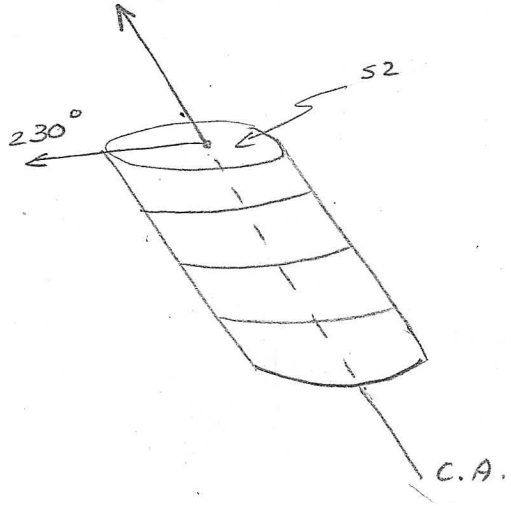
(conversions of K-A surveyed grid coords)

Grid Co-ords.: 74W/5+24N

Elevation: 1136.69

Total Depth: 57.9 meters

Fabric Orientation Diagram:



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

Purpose:

Re Logged by: DJH. (Logs Checked JSM 8/81) Date(s) Logged:

Drilling Contractor:

Core: Size From To Collar Cased and Capped:

Started: 27/3/76 Completed: 28/3/76

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 76-052

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-052	1136.7	9050339.9	592335.3	METRES

329.4 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-052	0 0	24.8	227.8	AT COLLAR
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH 76-U052 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: DJH.

Code	From m	To m	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	100	187	11	4A1Ø	4A1 ± 4 (4D45 @ 2.2, 3.0, 6.0, 7.0) coarse rubble @ 4.2; vuggy brxia & qtz 8.7 ↑ choose 0. reddish sph: ~30% tot. sdes.
L	187	1162	12	4B14	4A1 phyllitic, locally baseme tal-bearing + py-poor, rubble @ TOI ~5% py ~10% grey sericite; reddish
					12.0-15.0 fault? coarse + fine rubble and poor recvy 0.8/3.0m sph.; → 5B19 locally; <10% tot. sdes.
L	1162	1198	13	5B11	→ 5B16; → 4B4 locally.
L	1198	1208	14	4A14	±1 Pb/Zn rich bands ~2mm 4E4 bands ~30% tot. sdes. 4J4 @ 29 cm EOI
L	1208	1217	15	5B16	weakly bleached?
L	1217	1228	16	5D14	± mariposite
L	1228	1259	17	5B16	as unit 5 MISLATCH 24.4-25.9 No Recovery JC
L	1259	1275	18	4A1Ø	4A1 C ± phyll. partings <5% py; reddish sph.
L	1275	1282	19	4D10	4D0 sericitic [4L4] white "cherty" qtz.; 20% tot. sdes
L	1282	1296	110	~~5D14~~	+ mariposite. 5C4* marip, ank. dolo. Enough seriate that this probably would have been called 4L4 this year.
L	1296	1309	11	4D10	as unit 9 4D0 sericitic [4L4]
L	1309	1359	12	~~4E10~~	~~similar to unit 2~~ 4A1 phyllitic. Very low sedimentary component ~65% qtz 25% sfd (Py) 10% phyllitic and 1)
L	1359	1389	13	4A10	±4 C+phyll. partings + 3G2 finely interbanded; 4E15 @ 50 cm EOI Fold nose @ 36.4
L	1389	1394	14	5C10	✓ 5D? ; dark green meta-ig. rx. w/ minor Pb/Zn rich bands. 5C* Dolo+chlor
L	1394	1405	15	4A1E	70:30, 4A0 : 4E4 4E4 (39.4-40.0) 4A1±4 + 3G2 (40-40.5)
L	1405	1456	16	5B16	→ 5B62; dark grey but no graph. streak
L	1456	1462	17	5D14	lam. appear. similar to 5D.
L	1462	1500	18	5B16	
L	1500	1534	19	5D1B	→ 5D3 : 5B6 70:30
L	1534	1539	20	5D14	partially altered 5D3
L	1539	1545	21	5B14	partly altered 5B0
L	1545	1549	22	5D14	as unit 20
L	1549	1579	23	5D14	? gouge & broken core.
		E.O.H.			

DDH 76-U052 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: DJH

Code	From	To (m.)	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		11.3	PS12			513 2310	R region 0.0 - 8.7
S		17.1	PS12			715 2310	
S		18.7	IF12	R			S region 8.7 - 21.6
S		111.2	CS12			717 2310	
S		115.3	CS12			617 2310	
S		119.7	CS12			711 2310	
S		121.6	IF12	S			R region 21.6 - 29.6 m.
S		1240	PS12			512 2310	
S		1290	PS12			712 2310	
S		1296	IF12	R			S region 29.6 - 48.6
S		1335	CS12			618 2310	
S		1381	CS12			614 2310	
S		1430	CS12			714 2310	
S		1486	IF12	Z		418 2310	Z region 48.6 - 51.0
S		1510	IF12	3		614 2310	(good closure @ 51.0)
S		1541	PS12			617 2310	R region (minor S) 51.0 - 57.9
		EOH.					

DDH 76-4-52

Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Logged By: D.T.H.

Sampled By:

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27		LENGTH	REC.
P	100	130	210612	K.A	3.0	2.5
P	130	161	210613	"	3.1	2.7
P	161	191	210614	"	3.0	2.6
P	191	1121	210615	"	3.0	2.2
P	1121	1137	210616	"	1.6	0.4
P	1137	1152	210617	"	1.5	0.5
P	1152	1160	210618	"	0.8	0.4
P	1198	1208	210619	"	1.0	1.0
P	1259	1284	210710	"	2.5	2.3
P	1298	1320	210711	"	2.2	2.2
P	1320	1351	210712	"	3.1	2.9
P	1351	1366	210713	"	1.5	1.5
P	1366	1381	210714	"	1.5	1.5
P	1381	1394	210715	"	1.3	1.3
P	1394	1404	210716	"	1.0	1.0

Section 74W Logged 1980, Sampled 1981

DDH 76-4052 Cyprus Anvil Mining Corp

Page ____ of ____

Logged by DTH; Checked JSM

ASSAY LOG (SAMPLER'S COPY) Date 8/81 Sampled by ____

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
1	10 14	16 20	22 26	28 30	32 34	36 40	42	
P	000	030	91618	30	24	4A11	±4 (4D45)	#1
P	030	050	91619	20	20	4A11	±4 (4D45)	#1
P	050	070	91620	20	20	4A11	±4 (4D45)	#1
P	070	087	91621	17	14	4A11	±4 (4D45)	#1
D	087	106	91622	19	18	4A11	phyllitic	#2
D	106	137	91623	31	18	4A11	phyllitic	#2
D	137	162	91624	25	09	4A11	phyllitic	#2
P	198	208	91625	10	10	4A41	±1 [4A0±1 (4E4)] (45)	#4
P	259	275	91626	16	11	4A11	c+phyll partings	#8
P	275	282	91627	07	07	4D01	sericitic [4L12]	#9
P	282	296	———	14		5C41*	No sample 0%	#10
P	296	309	91628	13	13	4D01	sericitic [4L12]	#11
P	309	328	91629	19	18	4A11	phyllitic	#12
P	328	348	91630	20	20	4A11	phyllitic	#12
P	348	359	91631	11	11	4A11	phyllitic	#12
P	359	375	91632	16	16	4A01	±4	#13
P	375	389	91633	14	14	4A01	±4 (4E15)	#13
P	389	394	91634	05	05	5C*		#14
P	394	405	91635	11	10	4E41	AND 4A1±4 +3GZ	#15

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

DDH FAGU052 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
		42	R1					
	80	87	X1					
		87	R1					
	120	150	R1F1	2				
	244	259	MN					
	549	579	G1B1					

DIAMOND DRILL RECORD

LOGGED BY Glenn Jutten

PROPERTY Cram Joint Venture (Underground)

LATITUDE 10826.400 (5+24N) BEARING OF HOLE 229°-~~00~~ 23' 55° STARTED March 27/76

DEPARTURE 7643.2'86 (74+2.0W) DIP OF HOLE ~~-62~~ +65° 13' ~~00~~ COMPLETED March 28/76

ELEVATION 1147.3m DIP TESTS ~~Azimuth R24~~ DEPTH Proposed: Ultimate: 57.9

N.D. = 24.27
V.D. = 52.57 (1199.87 EL.)

D.D.H. No. 76 U-52 PAGE 1/4

CLAIM No.

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	40.4	Quartz Sulphides with Sericite ± Graphite													
		generally dark grey, mod-poor foliation F_2 = 85°, F_1													
		locally @ 90° to F_2 but variable c.a. 0-30°, minor													
		fracturing @ 5°, commonparting along F_2 av. 4cm interval,													
		core recovery variable as noted; graphite occurs locally,													
		increasing in latter part of zone, sulphides as diss.													
		in qtz rich bands generally follow F_2 locally													
		parallel F_1; details													
		0-3.0 as above competent P_y 2, Pb2n4	2.5/3.0	2062	0	3.0	3.0	2.33	1.21	45.26			6.99	21.63	135.78
		3.0-6.1 as above, highly fractured 4.0-4.5 P_y 2, Pb2n4	2.7/3.0	63	3.0	6.1	3.1	2.15	5.81	41.49			6.665	18.011	128.619
		6.1-9.1 " " , competent, breccia 8.4-8.7, frag. av. 1cm well healed. P_y 1, Pb2n3	2.6/3.0	64	6.1	9.1	3.0	2.05	4.50	31.20			6.15	13.5	93.6
		9.1-12.1 " " , fractured broken 9.4-9.9 P_y 1, Pb2n4	2.2/3.0	65	9.1	12.1	3.0	2.18	3.55	34.29			6.54	10.65	102.87
		12.1-13.7 " " , highly fractured and broken P_y 1, Pb2n 3	(0.4)/1.6	66	12.1	13.7	1.6	1.73	2.45	27.43			2.768	3.92	43.888
		13.7-15.2 " " , " " " " , P_y 1, Pb2n 4	(0.5)/1.5	67	13.7	15.2	1.5	2.55	2.80	35.31			3.825	4.20	52.965
		15.2-16.0 " " , " " " " , P_y 8 Pb2n 3	(0.4)/0.8	20 68	15.2	16.0	0.8	2.78	3.60	36.34			2.22	2.88	29.07
		16.0-19.8 Quartz Sericite Phyllite	3.1/3.8	—	16.0	19.8	—								
		dark grey, well foliated F_2 = 80°, competent,		N.Av.	3.0	9.1	6.1	2.10	5.16	36.43			12.815	31.511	222.249
				W.Av.	9.1	15.2	6.1	2.15	3.08	32.74		0	13.133	18.827	199.723
				W.Av.	0	9.1	9.1	2.18	5.52	30.34			12.8	50.1	352.007

DIAMOND DRILL RECORD

LOGGED BY SJ

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. U-52 PAGE 2/4

CLAIM No.

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
				W7A	9.1	16.0	6.9	2.22	3.14	33.16			15.35	21.68	228.79
		sheared 18.0-18.1, fracturing @ 10° commonly with py-cpy fill, qtz vein 16.6-16.7 @ 80°, qtz sulphide with sericite 19.1-19.3													
		19.8-20.8 Qtz Sulphide with Sericite Py 10, Pb2n 10	1.0/1.0	2069	19.8	20.8	1.0	5.26	8.25	83.66					
		20.8-25.9. Qtz. Sericite Pb, Ilite, grey to pale green, fissile incompetent F_2 70°, 21.8-22.8 as above, bleached.	2.5/3.6	—	20.8	24.4									
			0.1/1.5	—	24.4	25.9	- mis latch								
		25.9-28.4 Qtz Sulphide with Sericite and Graphite as described above, Py 10, Pb2n 7	2.3/2.5	2070	25.9	28.4	2.5	2.43	4.75	38.40					
		28.4-29.8 Kaolin Fusilite Alt Zone, generally competent, friable 28.9-29.0	1.4/1.4	—	28.4	29.8	/								
		29.8-32.0 Qtz Sulphide, described above, competent Py 10, Pb2n 5	2.2/2.2	2071	29.8	32.0	2.2	1.30	1.50	17.40			2.86	3.30	38.28
		32.0-35.1 " " , competent Py 12, Pb2n 4	2.9/3.1	72	32.0	35.1	3.1	2.80	1.18	24.34			8.68	3.658	75.454
		35.1-36.6 " " , competent, 10% graphite Py 15, Pb2n 6	1.5/1.5	73	35.1	36.6	1.5	2.68	3.05	33.26			4.02	4.575	49.89
		36.6-38.1 " " , " , 10% graphite Py 20, Pb2n 6	1.5/1.5	74	(37.4 - 38.1) 36.6	38.1	0.7 / 1.5	1.93	3.15	34.29		x.7	1.351 / 2.895	2.205 / 4.725	24.003 / 51.435
		38.1-39.4 " " , " , 5% graphite Py 30, Pb2n 6	1.3/1.3	75	(36.6 - 37.4) 38.1	39.4	0.8 / 1.3	1.70	2.30	29.14			1.44 / 2.21	2.52 / 2.99	37.83 / 37.882
		39.4-40.4 " " , " 8% graphite, 1% mag. Py 20, Pb2n 4 massive sulphide 39.4-39.8	1.0/1.0	2076	39.4	40.4	1.0	6.01	9.96	95.66			6.01	9.96	95.66
				W7A	37.4	40.4	3.0	3.19	5.05	52.51			9.571	15.456	157.242

DIAMOND DRILL RECORD

LOGGED BY S.J

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

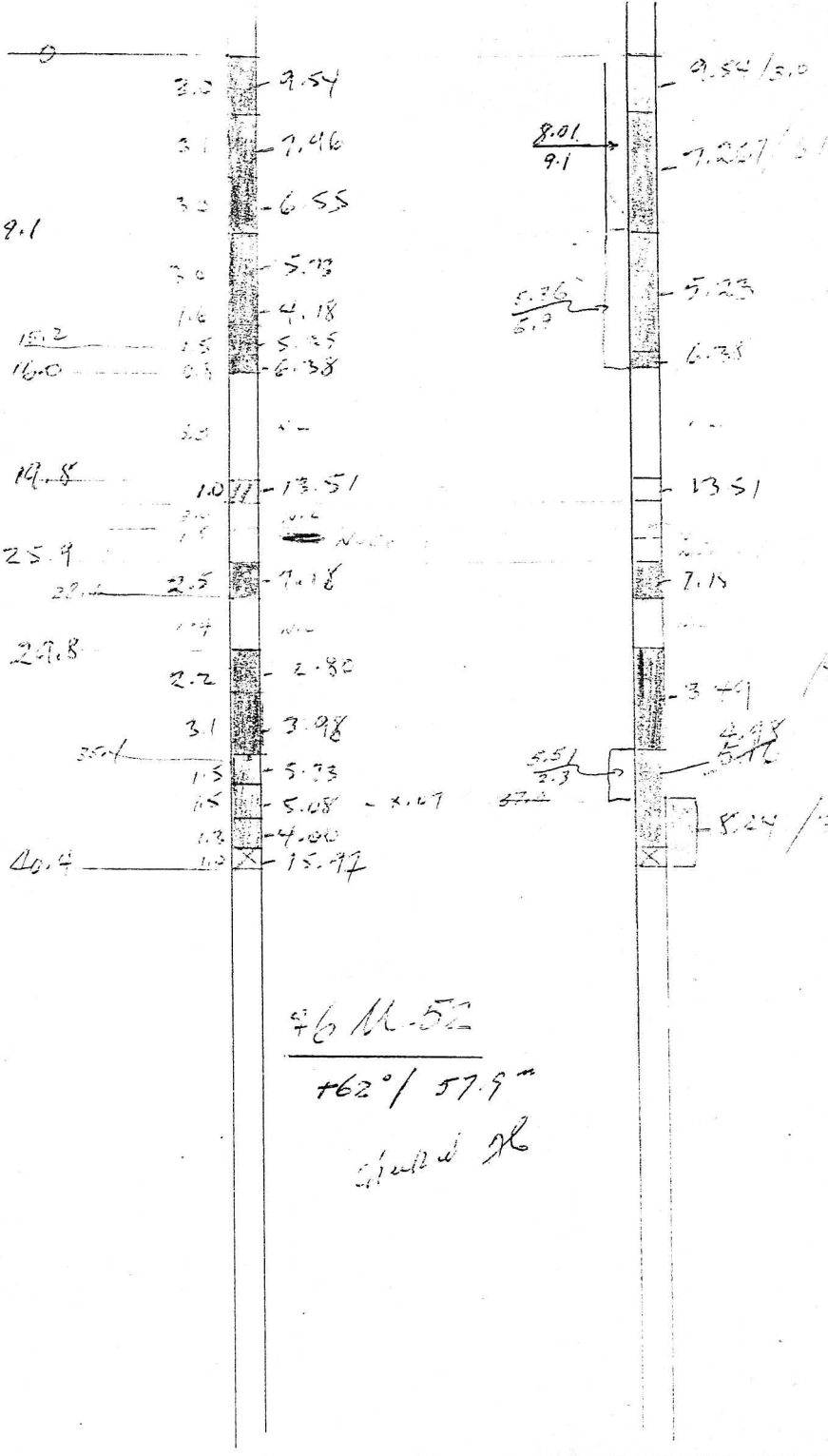
ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 4-52 PAGE 3/4

CLAIM No.

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
40.4	45.6	Quartz Sericite ± Graphite Phyllite dark grey-black, well foliated, F_2 = 85°, competent minor fracturing @ 5°, common parting on F_2 av. 5cm interval, first contact = 70° second is gradational, locally minor sulphide ≈ 1% as disc in qtz bands parallel F_2; graphite rich 41.6-42.1, content decreases towards second contact of zone	5.2/5.2	W1AV	29.8	35.1	5.3	2.17	4.32	21.46			11.54	16.958	113.738
				W1AV	35.1	39.4	4.3	2.12	2.86	30.4			9.125	12.290	130.720
				W1AV	35.1	37.4	2.3	2.42	3.09	33.6			5.56	7.10	77.28
45.6	47.2	Quartz Sericite Phyllite dark grey, well fol., F_2 = 90°, competent, minor fract @ 5° with carb. filling; 45.6-46.0 bleached sericite, buff-white colour; second contact qtz vein @ 80°	1.6/1.6												
47.2	49.5	Sericite Calcite Phyllite dark grey, mod. foliation F_2 = 85°, F_1 locally @ 90° to F_2 but drag folded and offset along F_2, competent, calcite - 5%, second contact gradational	2.3/2.3												



+6 M-52

+62° / 57.9 m

Chad JR

DIAMOND DRILL RECORD

LOGGED BY S.J.

D.D.H. No. U-52 PAGE 4/4

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

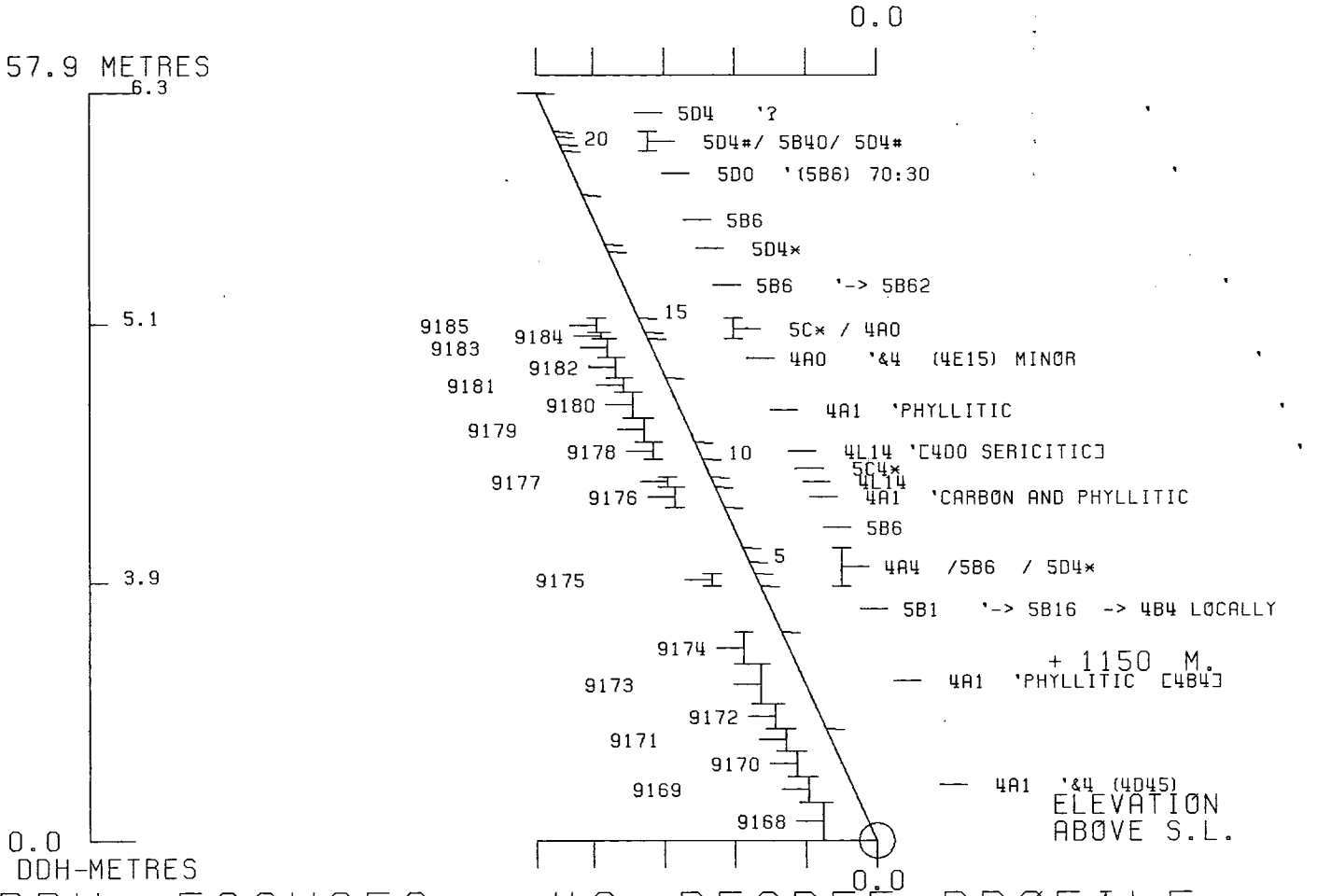
ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

CLAIM No.

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
49.5	57.9	Chlorite Calcite ± Sericite Phyllite dark grey-green, mod tel. $F_2 = 85°$, competent, 10-15% calcite, locally sericite rich, details	7%/85												
		55.4-57.9 Fault Zone	1.2%/2.5												
		55.4-56.2 sheared phyllite, fissile													
		56.2-56.8 fault gouge dark blue green mud with fragments of phyllite to 1cm													
		56.8-57.0 Chlorite Phyllite competent													
		57.0-57.9 Chlorite Phyllite as coarse sand fragments ranging to 1cm diameter (probably save in hole)													
	57.9	End of Hole, stopped due to danger of sticking rods.													

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 NOV 1984 10:13 AM



DDH: FAGU052 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

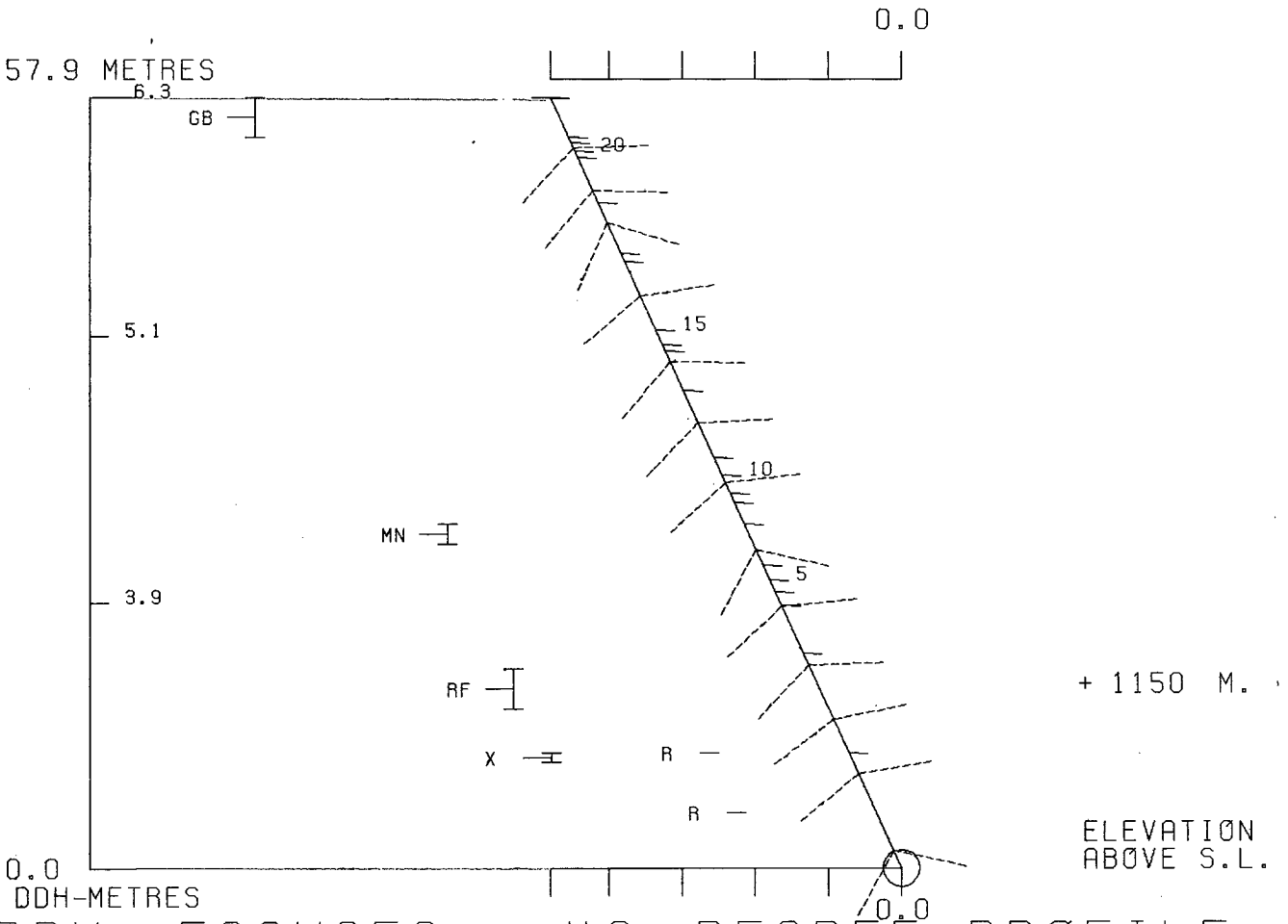
ELEV: 1137 592335E ; 905034N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 550.4 Z = 1137.2

SECTION NAME: 74W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 2 NOV 1984 10:14 AM



DDH: FAGU052 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV:1137 592335E ; 905034N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 550.4 Z = 1137.2

SECTION NAME: 74W

DRILL HOLE : FAGU053
NORTHING : 905,034.6
EASTING : 592,335.8
ELEVATION : 1,136.9
TOTAL DEPTH : 60.9
SECTION : W 74
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: 21
NOS DOWN-H-STRUCTURE: 17
NOS DOWN-H-FAULTS: 12
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU053 UTM-N: 905,034.6 UTM-E: 592,335.8 UTM-ELEV: 1,136.9 TOTAL DEPTH: 60.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	1.0	09030	1.0	1.0	4A34	3.68	.06	1.81	4.60	41.00		1.03	2	20	22						
1.0	1.8	09050	.8	.0	4L5	3.16	.05	.87	2.70	23.00		.48	3	8	12						
1.8	3.0	09031	1.2	.6	4A134	3.78	.04	2.00	4.40	43.00	41.00	.65	3	10	13						
3.0	5.0	09032	2.0	1.4	4A134	3.34	.04	1.71	4.00	34.00		.89	2	13	16						
5.0	7.0	09033	2.0	2.0	4A134	3.56	.07	2.70	6.90	49.00		1.23	4	14	18						
7.0	9.1	09034	2.1	2.1	4A134	3.56	.07	1.86	5.80	43.00		1.17	3	16	19						
9.1	12.2	09035	3.1	2.0	4A14	2.96	.04	1.49	4.80	28.00		.55	1	2	4						
12.2	15.2	09036	3.0	2.6	4A14	2.99	.05	2.60	5.40	47.00		.69	1	2	4						
15.2	19.8	09037	4.6	1.2	4A1	2.98	.04	1.51	3.30	28.00		.55	2	4	6						
28.9	29.9	09038	1.0	1.0	4A134	3.41	.04	2.30	6.00	45.00		.82	3	12	15						
29.9	31.0	09039	1.1	1.1	4DO	3.27	.06	2.70	6.20	46.00		.48	4	8	12						
31.0	33.4	09040	2.4	.3	5C4*	3.21	.03	.48	.62	10.00		.34	8	3	12						
33.4	34.5	09041	1.1	1.0	4A14	3.24	.03	2.20	5.20	40.00	38.00	.96	3	19	22						
34.5	34.9	09042	.4	.4	5C4*	3.00	.03	.16	.68	8.00		.27	5	3	9						
34.9	36.0	09043	1.1	1.1	4L14	2.97	.06	1.93	2.50	30.00		.55	2	4	6						
36.0	37.7	09044	1.7	1.3	4A1	3.01	.05	2.30	1.45	29.00		.75	1	5	7						
37.7	39.0	09045	1.3	1.3	4A1	2.96	.06	1.40	2.70	20.00		.41	1	2	4						
39.0	41.1	09046	2.1	2.1	4A04	3.01	.04	2.30	4.60	38.00		.41	1	3	4						
41.1	42.6	09047	1.5	1.5	4A14	3.00	.03	1.85	4.70	35.00		.75	1	2	3						
42.6	44.6	09048	2.0	2.0	4A4	3.13	.05	2.20	4.60	36.00		.75	1	8	9						
44.6	45.7	09049	1.1	.9	4E4	4.01	.13	7.20	13.50	124.00		1.58	2	15	18						
WEIGHTED AVERAGE																					
.0	19.8		19.8	12.9		3.22	.04	1.86	4.66	36.56	2.48	.76	2	8	10						
28.9	45.7		16.8	14.0		3.16	.04	2.18	4.15	36.65	2.48	.65	3	6	10						

DDH: FAGU053 UTM-N: 905,034.6 UTM-E: 592,335.8 UTM-ELEV: 1,136.9 TOTAL DEPTH: 60.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	7.100	255.000

DDH: FAGU053 UTM-N: 905,034.6 UTM-E: 592,335.8 UTM-ELEV: 1,136.9 TOTAL DEPTH: 60.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.0	0001	4A34	-> 4D35	0.5-	1
1.8	0002	4L5	?	0.5-	1
9.1	0003	4A4	-> 4D5 [4A134]	0.5-	1
19.8	0004	4A14	PHYLL (4A1) T.O.I. [4D5]	0.5-	1
22.7	0005	5B64	19	0.5-	1
28.9	0006	5B6	(5D4*) MINOR	0.5-	1
29.9	0007	4A34	[4A134]	0.5-	1
31.0	0008	4D0	SERICITIC	0.5-	1
33.4	0009	5C4*		0.5-	1
34.5	0010	4A14	PHYLLITIC (4D4 SER) [4D5]	0.5-	1
34.9	0011	5C4*		0.5-	1
36.0	0012	4L14	[4D0 SERICITIC]	0.5-	1
39.0	0013	4A1	PHYLLITIC &4 [4C5]	0.5-	1
41.1	0014	4A4	.	0.5-	1
42.6	0015	4A14	PHYLLITIC [4D5]	0.5-	1
44.6	0016	4A4	.	0.5-	1
45.7	0017	4E4	(5C4*) 70:30	0.5-	1
51.5	0018	5B2	-> 5B2$	0.5-	1
52.7	0019	5D0		0.5-	1
59.8	0020	5B0	(5D0) MINOR	0.5-	1
60.9	0021	5D0		0.5-	1

DDH: FAGU053 UTM-N: 905,034.6 UTM-E: 592,335.8 UTM-ELEV: 1,136.9 TOTAL DEPTH: 60.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU053	0.0	1.8	PS2	P	0	0	0	0	82	230	C	1	1	1
FAGU053	0.0	5.8	PS2	P	0	0	0	0	75	230	C	1	1	1
FAGU053	0.0	12.2	PS2	P	0	0	0	0	79	230	C	1	1	1
FAGU053	0.0	14.6	PS2	P	0	0	0	0	72	230	C	1	1	1
FAGU053	20.0	23.4	CS2	Z	0	0	0	0	0	0	C	1	1	1
FAGU053	0.0	25.9	CS2		0	0	0	0	74	230	C	1	1	1
FAGU053	23.4	29.6	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGU053	0.0	30.0	PS2		0	0	0	0	78	230	C	1	1	1
FAGU053	0.0	35.0	PS2		0	0	0	0	75	230	C	1	1	1
FAGU053	0.0	39.2	PS2		0	0	0	0	69	230	C	1	1	1
FAGU053	29.6	39.3	PS2	P	0	0	0	0	0	0	C	1	1	1
FAGU053	0.0	44.0	CS2		0	0	0	0	83	230	C	1	1	1
FAGU053	39.3	45.7	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGU053	0.0	50.0	CS2		0	0	0	0	70	230	C	1	1	1
FAGU053	0.0	54.8	CS2		0	0	0	0	65	230	C	1	1	1
FAGU053	0.0	60.8	CS2		0	0	0	0	81	230	C	1	1	1
FAGU053	45.7	60.9	CS2	Z	0	0	0	0	0	0	C	1	1	1

DDH: FAGU053 UTM-N: 905,034.6 UTM-E: 592,335.8 UTM-ELEV: 1,136.9 TOTAL DEPTH: 60.9 SECTION: W 74
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
FAGU053	0.1	1.0	3BX			0	0	0	0	0	0	1
FAGU053	1.0	1.8	C?	5		0	0	0	0	0	0	1
FAGU053	1.8	4.5	R	5		0	0	0	0	0	0	1
FAGU053	0.0	8.4	R			0	0	0	0	0	0	1
FAGU053	9.1	9.7	R			0	0	0	0	0	0	1
FAGU053	11.0	12.2	R	5		0	0	0	0	0	0	1
FAGU053	0.0	12.4	R			0	0	0	0	0	0	1
FAGU053	0.0	13.6	R			0	0	0	0	0	0	1
FAGU053	14.5	14.8	R			0	0	0	0	0	0	1
FAGU053	15.2	19.8	R			0	0	0	0	0	0	1
FAGU053	0.0	30.0	M?N			0	0	0	0	0	0	1
FAGU053	44.6	45.7	DX?			0	0	0	0	0	0	1

DDH: FAGU053 UTM-N: 905,034.6 UTM-E: 592,335.8 UTM-ELEV: 1,136.9 TOTAL DEPTH: 60.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU053	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U053

Project: GRUM RE-LOG

Location: _____

Claim: _____

UTM ~~Terr. Plane~~ Co-ords.: 6,905,034.6 N

592,335.8 E

Conversion K-A surveyed grid co-ords

Grid Co-ords.: 74W

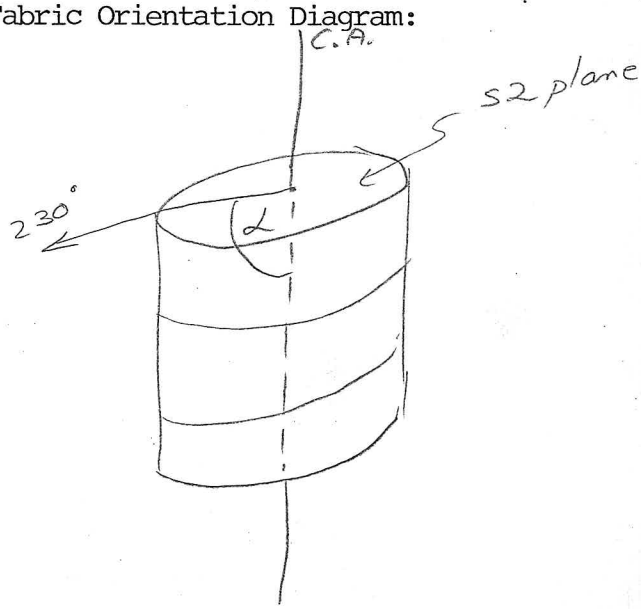
_____

Elevation: 1136.9

Total Depth: _____

Purpose: _____

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Re Logged by: DJH Date(s) Logged: July 3/80

Drilling Contractor: _____

Core: Size From To Collar Cased and Capped: ____

BQ 0 60.9

_____ _____ _____

_____ _____ _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U053
(2 – 8)

Code	Drillhole (2–8)	Elevation (10–16)	Northing (17–24)	Easting (25–32)	Comments (34–48)
T	76-U053	1136.9	9050346.5	592335.8	METRES

255.0 for True North

Code	Drillhole (2–8)	Depth (10–14)	Zenith Angle (22–26)	True Azimuth (28–32)	Comments (34–56)
R	76-U053	0 0	7.1	253.5	AT COLLAR
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH FAG.U.053 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
	00	10	3BX					
	10	18	C?	S				
	18	45	R1	S				
		84	R1					
	91	97	R1					
	110	122	R1	S				
		124	R1					
		136	R1					
	145	148	R1					
	152	198	R1					
		300	M?N					
	446	457	DX?					

DDH 76-11053 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: DJH

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	10 0	10	1	4 1 A 1 0	→ 4D5 heavily broken grd.; only pebbles rec'd in some places; minor bxia; ~40% sdes (py >> sph > gal); minor graphite
L	10	18	2	4 L 1 5	? 40 cm sand rec'd
→ L	18	91	3	4 A 1 0	→ 4D5; only minor graphite as unit 1 >5% Pb+Zn. [4A13] Rubble + 50% recovery 1.8-4.5 Rubble @ 8.4; Rubble 9.1 ↓ 9.7
→ L	91	198	4	4 B 1 0	4A1 Phyllitic ~10% sdes overall (sph > gal > py) Rubble + 30% recovery 11.0-12.2 ~20% grey sericite; only pebbles rec'd ~ also 12.4, 13.6, + 14.5-14.8 15.2-19.8 m; looks like 4A w/ser. instead of graphite
L	198	227	5	4 L 1 0	v minor sph; not typical 4L; w.m. poorly dev.; could be called 5B169
L	227	289	6	5 B 1 6	360?; minor 4L0 (w/ mariposite)
→ L	289	299	7	4 A 1 4	~2.5% sdes (py >> sph > gal) [4A13±4] C+phyll partings
→ L	299	310	8	4 D 1 0	sericitic ±4 cream coloured "cherty" qtz. Bull qtz @ TOI, minor thin SD-C
→ L	310	334	9	4 L 1 0	w/ mariposite 5C4* marip ank, ser (0.3 m of core) → core possibly missing @ 30m Run start
→ L	334	345	10	4 A 1 0	w/ minor 4D. 4A1 phyll ±4 (4D4 sericitic)
→ L	345	349	11	4 L 1 0	as unit 9 5C4*
→ L	349	360	12	4 B 1 0	white "cherty" qtz w/ minor sdes sph > py > gal; ~5% tot ↑ 4L1N [4D0 sericitic]
→ L	360	390	13	4 B 1 0	as unit 4; more phyllitic → E.O.I. 4A1 phyllitic ±4
→ L	390	411	14	4 A 1 0	~10% tot sdes; visible red sph. ±4 C+phyll partings + 3Gz finely interbanded
→ L	411	426	15	4 B 1 0	~5% sdes (sph > gal > py); grey qtz.; ~10% grey ser. 4A1 phyllitic
→ L	426	446	16	4 A 1 0	~20% sdes (py > sph > gal) ±4 C+phyll partings + 3Gz fi.
→ L	446	457	17	4 E 1 L	70:30% 4E4 : 4L0 (w/ mariposite) 4E4 (5C4*); some bxia w/ 4L frags and mass sde matrix.
L	457	515	18	5 B 1 2	→ 5B23; Fe, Mg CO_3 =
L	515	527	19	5 D 1 3	
L	527	598	20	5 B 1 0	w/ minor 5D3
L	598	609	21	5 D 1 3	
		EOH			

DDH 76-1053 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: DJH

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
							* S2 must be dipping NE on this hole - syms have altered accordingly 230-180 = 50°
S		118	PS12			812 2310	No sym. determinations 0-20.0m due to heavily broken core
S		158	PS12			715 2310	
S		1122	PS12			719 2310	
S		1146	PS12			712 2310	
S		1200	IF12	S		413 2310	S region 20.0 - 23.4m
S		1234	IF12	E			E region 23.4 - 29.6
S		1259	CIS12			714 2310	
S		1296	IF12	Z			PS2 - 29.6 - 39.3
S		1300	PIS12			718 2310	
S		1350	PIS12			715 2310	
S		1393	IF12	P		619 2310	Z region 39.3 - 45.7
S		1440	CIS12			813 2310	
S		1457	IF12	3			S region 45.7 - 60.9
S		1500	CIS12			710 2310	(M region over last meter?)
S		1548	CIS12			615 2310	
S		1608	CIS12			811 2310	
S		1609	IF12	S			
		EOH					

Section 74W Logged 1980, Sampled 1981

DDH 76-4053 Cyprus Anvil Mining Corp

Page ____ of ____

Logged by DJH, checked JSM

ASSAY LOG (SAMPLER'S COPY) Date 8/81 Sampled by ____

meters

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
1	10 14	16 20	22 26	28 30	32 34	36 40	42	
P	10	10	90330	10	10	4A01	(4D5	#1
D	10	18		08	C4	4L15	? sand No sample 0%	#2
P	18	30	90331	12	06	4A113	Sampled twice by mistake 9050 #	#3
P	30	50	90332	20	14	4A113		#3
P	50	70	90333	20	20	4A113		#3
P	70	91	90334	21	21	4A113		#3
P	91	122	90335	31	20	4A111	phyllitic	#4
P	122	152	90336	30	26	4A111	phyllitic	#4
P	152	198	90337	46	12	4A111	phyllitic	#4
P	289	299	90338	10	10	4A113	±4 c+phyll	#7
P	299	310	90339	11	11	4D101	sericitic ±4	#8
P	310	334	90340	24	03	5C141*	Note poor rec'y or mislabeled	#9
P	334	345	90341	11	10	4A111	±4 phyll (4D4 sericitic)	#10
P	345	349	90342	04	04	5C141*		#11
P	349	360	90343	11	11	4L1114	[4D0 sericitic]	#12
P	360	377	90344	17	13	4A111	phyllitic ±4	#13
P	377	390	90345	13	13	4A111	phyll ±4	#13
P	390	411	90346	21	21	4A101	±4 c+phyll+3G2	#14
P	411	426	90347	15	15	4A111	phyllitic	#15
P	426	446	90348	20	20	4A101	±4 c+phyll +3G2	#16
D	446	457	90349	11	09	4E141	(5C4*)	#17

DDH 76-U053 (2 / 8)

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

Re-Logged By: DJH

Sampled By:

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27		LENGTH	REC
P	100	118	120717	KA	1.8	0.7
P	118	130	120718	"	1.2	0.4
P	130	145	120719	"	1.5	0.8
P	145	160	120810	"	1.5	1.1
P	160	176	120811	"	1.6	1.0
P	176	191	120812	"	1.5	0.8
P	191	1106	120813	"	1.5	0.7
P	1106	1122	120815	"	1.6	0.4
P	1122	1137	120816	"	1.5	0.7
P	1137	1152	120817	"	1.5	1.0
P	1152	1167	120818	"	1.5	0.1
P	1167	1182	120819	"	1.5	0.1
P	1182	1198	120910	"	1.6	0.1
P	1198	1213	120911	"	1.5	0.7
P	2899	3000	120912	"	1.1	1.0
P	3000	3335	120913	"	3.5	1.5
P	3335	3350	120914	"	1.5	1.4
P	3350	3365	120915	"	1.5	1.4
P	3365	3381	120916	"	1.6	1.0
P	3381	3396	120917	"	1.5	?
P	3396	4111	120918	"	1.5	0.9
P	4111	4126	120919	"	1.5	1.4
P	4126	4142	121010	"	1.6	1.4
P	4142	4152	121011	"	1.5	1.3

DIAMOND DRILL RECORD

LOGGED BY Alexander Young P.O.

PROPERTY GRUM JOINT VENTURE

LATITUDE 10827.039 (525 m) BEARING OF HOLE 225° -01' -00 23° STARTED MARCH 28/76

DEPARTURE 7643.7 677 744 + 3.0 W DIP OF HOLE ~~-90°~~ + 83° COMPLETED MARCH 28/76

ELEVATION 1147.5 (m) DIP TESTS None DEPTH Proposed: Ultimate: 60.9

N.D. = 7.42
V.D. = + 60.45 (1207.96 ft.)

D.D.H. No. U-53 PAGE Page 1/5

CLAIM No.

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	10.6	QTZ SULFIDE. Highly broken grd. Foliation 70N80° followed by rich bands of sulfides (Fi ?). Short run w/ massive sulfide bands. Fz not clearly indicated.													
		0-1.8 • Fault @ 1.0 N 1.8 – sand of calcitic bleached phyllite (?) w/ minor sulfide grains	Py 30 Zn 8	0.7/1.8	2077	0	1.8	1.8	2.00	3.55	38.40			3.60	6.39	69.12
			30 10	0.4/1.2	2078	1.8	3.0	1.2	3.20	6.46	50.40			3.84	7.752	60.48
		1.8-3.0 Completely broken core. Mixture of massive sulfides and qtz - ser. phyllite pebbles 1N3 cm.	30 10	0.8/1.5	2079	3.0	4.5	1.5	1.70	3.55	30.17			2.55	5.325	45.255
			30 10	1.1/1.5	2080	4.5	6.0	1.5	2.98	6.24	54.51			4.47	9.36	81.765
		3.0-4.5 - See gen. description. Very broken core in last half of run	30 10	1.0/1.6	2081	6.0	7.6	1.6	2.63	7.80	50.40			4.208	12.48	80.64
			35 15	0.8/1.5	2082	7.6	9.1	1.5	2.30	5.58	42.51			3.45	8.37	63.765
		4.5-6.0 Broken core in first 10 cm. Partly vesicular	20 8	0.7/1.5	2083	9.1	10.6	1.5	1.85	4.30	28.46			2.775	6.45	42.69
		6.0-7.6 Essentially similar to previous run.	10 6	0.4/1.6	2085	10.6	12.2	1.6	1.50	3.43	30.17			2.40	5.488	48.272
		Bx'ed from 6.0-7.6 - phyllite, QTZ, sulfide fragments N 1 cm. cemented by pyrrhotite w/ ser. clay. Massive sulfide in last 5 cm. of run.	20 6	0.7/1.5	2086	12.2	13.7	1.5	2.68	4.20	45.26			4.02	6.30	67.89
			20 8	1.0/1.5	2087	13.7	15.2	1.5	2.83	5.00	50.40			4.245	7.50	75.6
			10 6	0.1/1.5	2088	15.2	16.7	1.5	2.63	2.90	40.46			3.945	4.35	60.69
		7.6-9.1 Massive sulfide in first 10 cm. gradually changing to banded sulfides alternating w/ qtz. sericite	10 6	0.1/1.5	2089	16.7	18.2	1.5	1.55	2.65	26.40			2.325	3.975	39.6
			10 6	0.1/1.6	2090	18.2	19.8	1.6	0.80	1.38	14.06					
			10 4	0.7/1.5	2091	19.8	21.3	1.5	0.15	0.25	4.11					

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

PROPERTY GRUM JOINT VENTURE

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: _____ Ultimate: _____

D.D.H. No. U-53 PAGE 2/5

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		Broken core at 8-8.5		U-7 Av.	1.8	7.6	5.8	2.60	6.02	46.23			15.068	34.917	268.140
		9.1-10.6 - Broken grd.. CRENULATED F_1 (ax. plane - 75°) clearly		—"—	7.6	15.2	7.6	2.22	4.41	39.24			16.890	34.108	298.207
		visible. Sulfides in interlacing bands following F_1 foliations.		—"—	15.2	18.2	3.0	2.09	2.27	33.43			6.270	8.325	100.29
		F_2 - 90° with lesser sulfides		·	1.8	15.2	13.4	2.38	5.15	42.27			31.958	69.025	566.357
10.6	18.2	QTZ-SER. SULFIDE. VERY BROKEN GRD. LESS SULFIDES		·	0	15.2	15.2	2.34	4.96	41.8			35.56	75.42	635.46
		than previous 0-10.6 run. F_1 ≈ 90°; F_2 not clear.													
		SER. increasing in lieu of sulfide content.													
18.2	21.3	QTZ. SER. Sulfide - very broken grd but up more built qtz													
		than previous run.													
		18.2 - 19.8 - Shearing in first half of run. Rest are													
		pebble size broken core. Very poor recovery.													
		19.8 - 21.3 - ser. becoming dominant. Occassional big clots													
		of sulfides.													
21.3	28.9	Essentially quartz sericite phyllite w/ distinct foliation ~N													
		80° (F_1?). F_2 suspected to be parallel to F_1. Sporadic showing													
		of sulfides in form of widely spaced clots; assoc. w/ quartz													
		bands and/or trains parallel to foliation. Short runs of													

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER Y. P.

PROPERTY GRUM

D.D.H. No. U-53 PAGE 5/5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: _____ Ultimate: _____

CLAIM No. _____

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION			Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		bleached calcitic phyllite w/ fuchsite and chlorite.															
		21.3 - 22.8 - QTz. Ser. Shear ~ 22.0 Poor recovery 0.4/1.5'															
		22.8 - 24.4 - Same RX type as previous run. $F_1 \approx 80°$; F_2(?) parallel to it. 1.2/1.6 core recovery															
		24.4 - 25.9 - QTz Ser. phyllite. very siliceous 1.3/1.5 core															
		25.9 - 27.4 - Bleached pCg @ 27.0 ~ 27.4. With slight sulfide showings in the last half of run. 1.4/1.5															
	/	27.4 - 28.9 - Calcitic bleach phyllite in last 20 cm of run.															
28.9	45.7	QTz - SERICITE SULFIDE. COMPETENT. w/ short runs of bleached phyllite and massive sulfides. F_1 very erratic from 80° to nearly 90° changing within short dist. F_2 not so distinct but a third foliation is apparent in ser. F_1 (w/ axial plane parallel to F_1).															
		28.9 - 30 - Very siliceous. Bleached phyl - 29.9 - 30	30	8	1.0/1.1	2092	28.9	30	1.1	2.20	5.70	41.49			2.42	6.27	45.639
		30 - 33.5 - Local bands of Zn rich laminae. Bleached	30	10	1.5/3.5	2093	30.	33.5	3.5	3.33	6.60	55.54			11.655	23.1	194.39
		Calcitic phyllite 32.5' - 33.5'	30	10	1.4/1.5	2094	33.5	35	1.5	1.55	2.63	25.37			2.325	3.945	38.055
		33.5 - 35 - Same as previous run. Calcitic bleached phyllite	30	8	1.4/1.5	2095	35	36.5	1.5	1.78	2.08	24.34			2.67	3.12	36.51

DIAMOND DRILL RECORD

LOGGED BY A.Y. Po

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

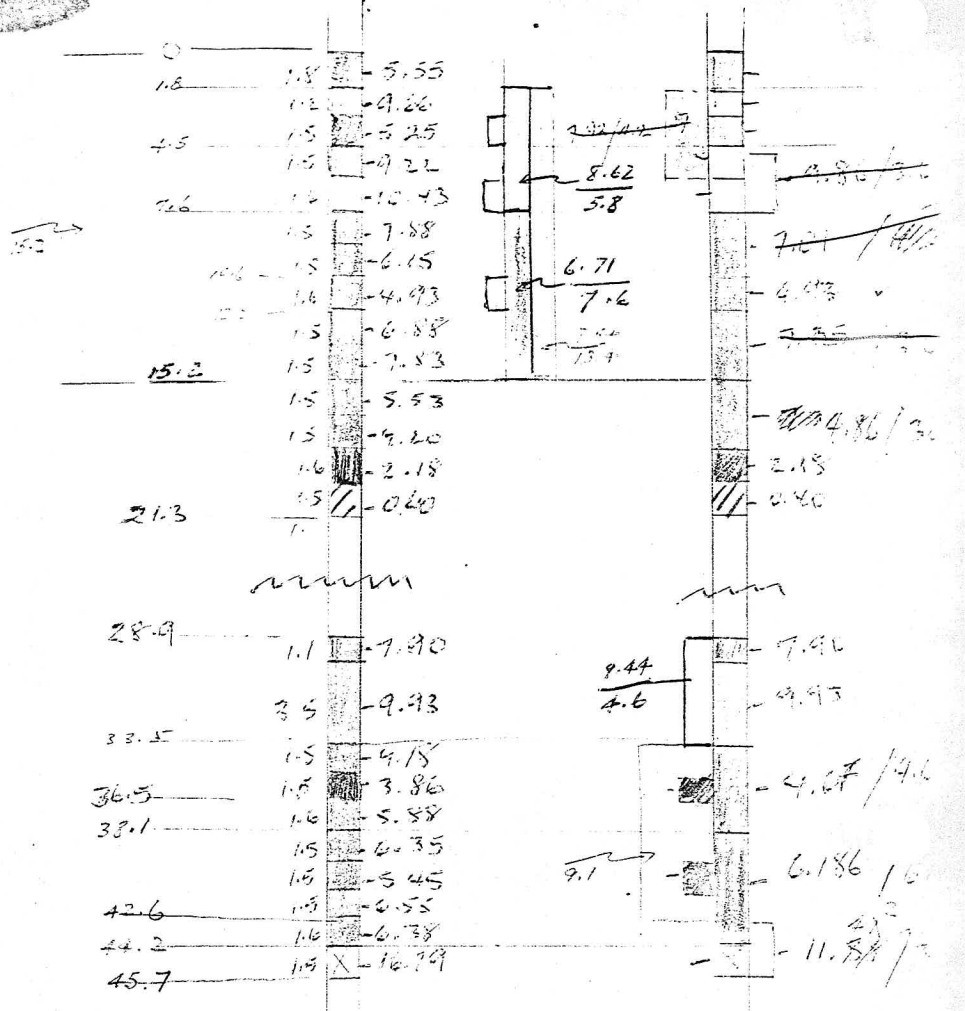
ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. U-53 PAGE 4/5

CLAIM No.

NN DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		from 34 ~ 35. 20/6	1.0/1.6	2096	36.5	38.1	1.6	3.68	2.20	40.46			5.888	3.52	64.736
		35-36.5 - Very siliceous. 35/10	1.0/1.5	2097	38.1	39.6	1.5	2.30	4.05	37.37			3.45	6.075	56.055
		36.5 - 38.1 - Sericite increasing. moderately fissile. Zn 30/10	.9/1.5	2098	39.6	41.1	1.5	1.75	3.70	30.12			2.625	5.55	45.255
		rich bands in last half of run. Broken grd 30/10	1.4/1.5	2099	41.1	42.6	1.5	2.25	4.30	36.34			3.375	6.45	54.51
		~~from~~ 37 ~ 37.5. 35/15	1.4/1.4	2100	42.6	44.2	1.6	2.28	4.10	35.31			3.648	6.56	56.496
		38.1 ~ 39.6 - Higher sulfide showing than preceding run. 40/20	1.3/1.5	2101	44.2	45.7	1.5	6.29	10.50	93.94			9.435	15.75	140.91
		39.6 ~ 41.1 - Moderately fissile. Sulfides evenly distributed													
		41.1 ~ 42.6 - Same as preceding run.		Wt Av	28.9	33.5	4.6	3.06	6.38	52.8			14.075	29.37	240.029
		42.6 - 44.2 - Wider bands of Zn rich laminae ff. the		(Wtd Av	33.5	38.1	4.6	2.36	2.31	30.28			10.853	10.585	139.288
		F.(?) foliation		"	38.1	44.2	6.1	2.14	4.04	28.13			13.038	24.636	171.586
		44.2 - 45.7 - ~~FAULT~~ in 44.5 - 44.6 Broken		"	42.6	45.2	3.1	2.22	2.29	63.68			13.053	22.31	197.408
		qtz. pebbles sericitic gouge material followed		Wt Av	33.5	42.6	9.1	2.23	3.15	27.95			20.33	28.67	254.29
		immediately by broken massive sulfides.													
		44.6 ~ 45 massive sulfides. 45 - 45.7 - Bleached													
		chloritic phyllites with massive sulfide band.													
45.7	60.9	QTZ - SER phyllite. Fissile. Foliation very apparent													
		80° - 90°. Axial plane of internal folding parallel to foliation													


0
1.8
4.5
7.6
15.2
21.3
28.9
33.5
36.5
38.1
42.6
44.2
45.7
1.8
1.2
1.5
1.5
1.2
1.5
1.5
1.6
1.5
1.5
1.5
1.5
1.6
1.5
1.1
3.5
1.5
1.5
1.6
1.5
1.5
1.5
1.6
1.5
5.55
9.66
5.25
9.22
10.43
7.88
6.15
4.93
6.88
7.83
5.53
9.20
2.18
0.40
7.80
9.93
9.15
3.86
5.58
6.35
5.45
6.55
6.38
16.79
8.62
5.8
6.71
7.6
9.44
4.6
9.1
7.96
9.93
4.67
6.186
11.8
76M-53

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: _____ Ultimate: _____

D.D.H. No. U-53 PAGE 5/5

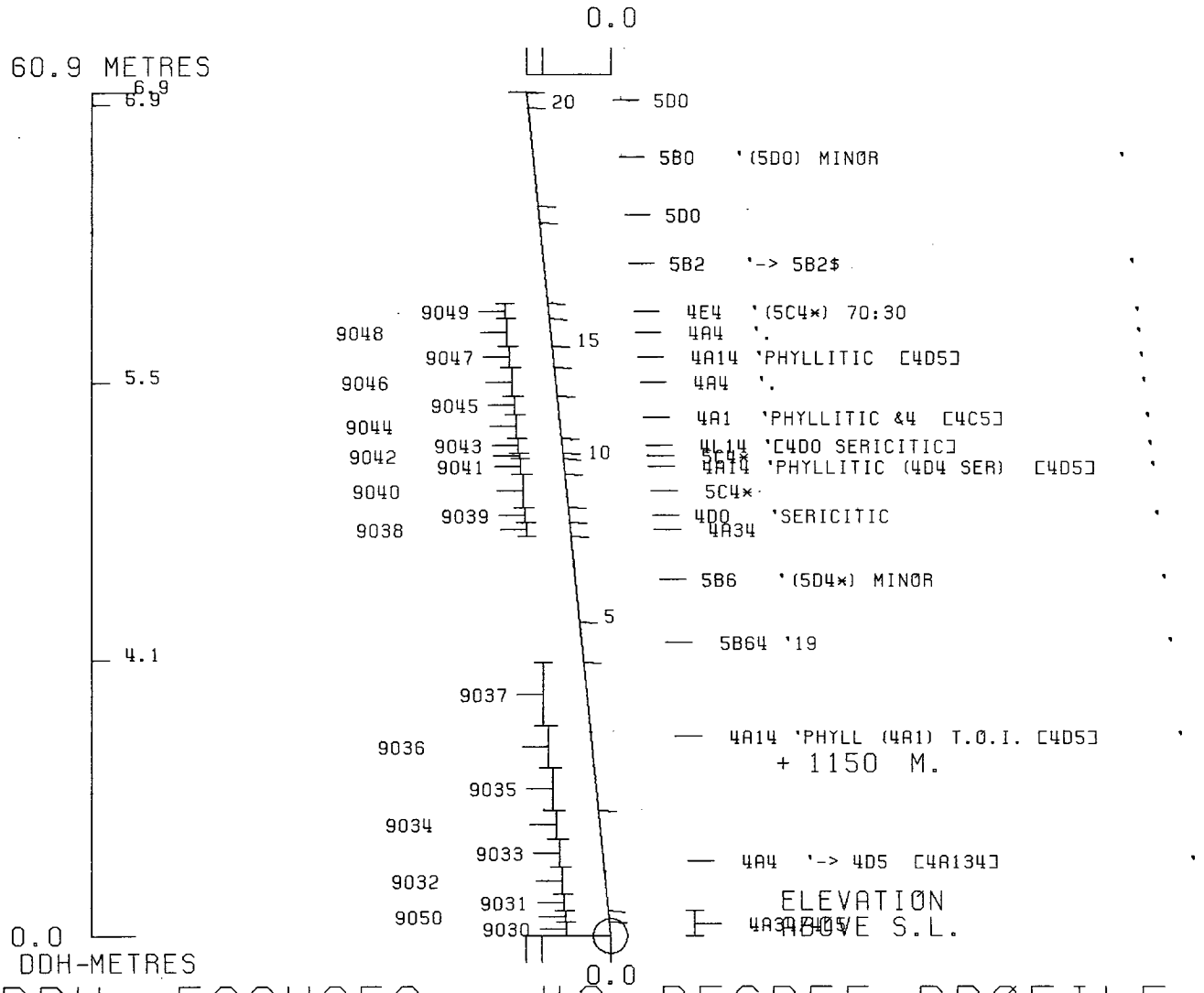
CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		Short runs of calcite ± chloritic bleached phyllite													
		45.7 - 47.2 - well laminated sericite, quartz and													
		some calcite stringers. Traces of GRAPHITE. Broken													
		core, indicating shear(?) in first 10 cm of run. This													
		ground mark sudden transition from sulfide zone													
		to barren grd. Good core recovery 1.4/1.5.													
		47.2 - 48.7 - Same rock type but w/ more calcitic content. 1.5/1.5													
		48.7 - 50.2 - Same as previous run.													
		50.2 - 51.8 - Bleached calcitic phyllite ≤1.0 to ≤1.8													
		sharp contact 45° @ ≤1.0 m. 1.5/1.5													
		51.8 - 53.3 - Very calcitic													
		53.3 - 60.9 - Very calcitic. Calcite parallel and across distinct													
		foliations. Good F1 showing 80-90° w/ parallel Fz.													
		 Fz F1 chloritic													
60.9		END OF HOLE IN WASTE													

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 NOV 1984 10:20 AM



DDH: FAGU053 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

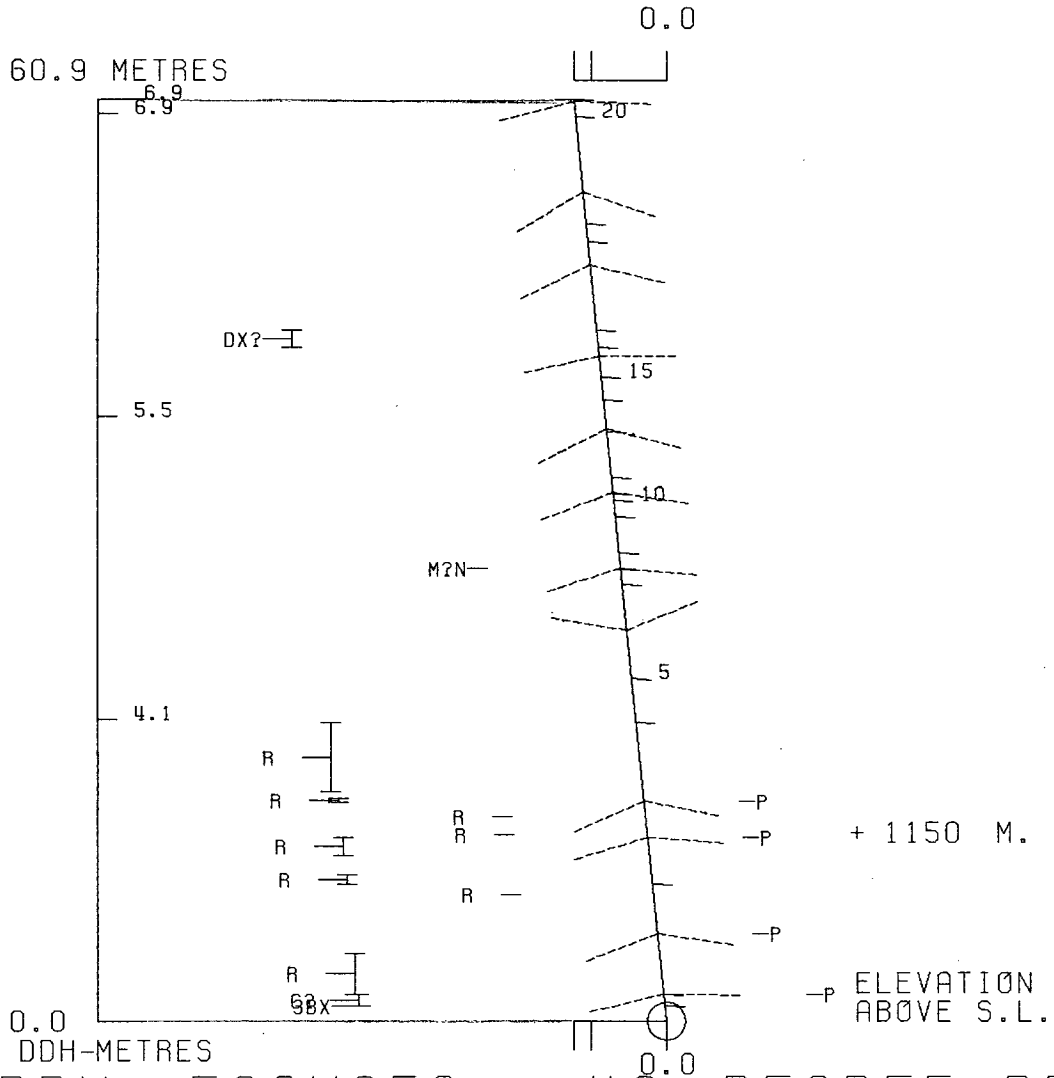
ELEV:1137 592336E ; 905035N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 551.3 Z = 1137.4

SECTION NAME: 74W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 2 NOV 1984 10:18 AM



DDH: FAGU053 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1137 592336E ; 905035N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 551.3 Z = 1137.4

SECTION NAME: 74W

DRILL HOLE : FAGU054
NORTHING : 905,037.0
EASTING : 592,337.4
ELEVATION : 1,137.5
TOTAL DEPTH : 150.9
SECTION : W 74
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:	52
NOS DOWN-H-SURVEYS:	5
NOS DOWN-H-LITHOLOGY:	44
NOS DOWN-H-STRUCTURE:	49
NOS DOWN-H-FAULTS:	13
NOS DOWN-H-SPLINES:	5
NOS COMPOSITES:	0

DDH: FAGU054 UTM-N: 905,037.0 UTM-E: 592,337.4 UTM-ELEV: 1,137.5 TOTAL DEPTH: 150.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE %	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.0	09585	2.0	1.5	4A4	3.45	.03	1.88	4.50	42.00		1.23	1	22	23						
2.0	4.0	09586	2.0	1.9	4A0	3.28	.02	1.50	3.10	33.00	33.00	1.03		10	11						
4.0	6.0	09587	2.0	1.7	4A4	3.11	.04	1.71	3.60	39.00		.69	1	13	14						
6.0	8.0	09588	2.0	1.6	4A4	3.27	.04	1.57	3.50	37.00		.82	1	17	18						
8.0	10.0	09589	2.0	2.0	4A4	3.29	.03	2.90	6.70	56.00		.89	1	14	15						
10.0	12.0	09590	2.0	2.0	4A4	3.48	.10	2.40	4.50	52.00		1.10	1	19	20						
12.0	15.2	09591	3.2	2.1	4A4	2.90	.04	2.20	3.60	29.00		.82	1	5	7						
15.2	16.8	09592	1.6	1.6	4A0	3.18	.05	1.67	3.00	33.00		.75		14	15						
16.8	18.2	09593	1.4	1.4	4A0	3.40	.08	1.02	1.62	25.00		1.10		17	18						
18.2	19.8	09594	1.6	1.6	4A4	3.31	.04	2.40	6.50	44.00		.96	1	12	13						
19.8	21.3	09595	1.5	1.5	4A4	3.39	.05	2.90	4.80	45.00		.89	1	15	16						
21.3	23.3	09596	2.0	1.9	4A4	3.48	.03	3.90	8.60	62.00	63.00	1.03	1	12	13						
23.3	25.3	09597	2.0	2.0	4A4	3.31	.03	4.50	9.00	73.00		.96	1	8	10						
25.3	27.3	09598	2.0	1.8	4A4	3.16	.04	3.20	8.00	55.00		.82	1	7	8						
27.3	29.3	09599	2.0	2.0	4A4	3.25	.13	3.90	9.40	69.00		1.30	1	9	10						
29.3	30.9	09600	1.6	1.6	4A4	3.49	.19	6.90	13.20	116.00		1.51	1	11	13						
30.9	32.5	09601	1.6	1.5	4A4	3.41	.05	6.20	13.50	106.00		1.23	1	8	10						
32.5	33.9	09602	1.4	1.4	4A4	3.28	.06	5.40	10.00	85.00		1.23	1	8	10						
33.9	34.9	09603	1.0	.9	4D0	3.01	.02	3.60	8.60	61.00		.62		4	5						
34.9	35.6	09604	.7	.7	4A4	3.41	.06	8.30	16.70	141.00		.89	2	7	10						
35.6	37.2	09605	1.6	1.6	4D0	3.07	.04	3.20	7.30	58.00		.82	2	6	9						
40.0	42.0	09606	2.0	1.2	4A4	3.39	.08	3.20	5.20	52.00	53.00	1.78	1	12	13						
42.0	44.3	09607	2.3	1.5	4C0	3.03	.10	.34	1.61	10.00		.89	2	9	12						
44.3	45.9	09608	1.6	1.6	4C0	2.99	.11	1.07	1.44	17.00		1.30		9	10						
45.9	47.2	09609	1.3	.8	4AE	3.38	.20	.82	1.25	18.00		1.78		20	21						
47.2	51.3	09610	4.1	1.6	4AE	3.49	.22	1.65	3.10	26.00		1.44	1	21	22						
51.3	53.3	09611	2.0	2.0	4A4	3.14	.04	3.40	7.90	48.00		.82	1	8	10						
53.3	55.4	09612	2.1	2.1	4A4	3.34	.05	2.80	5.10	46.00		.82	1	10	12						
55.4	56.1	09613	.7	.6	5D4*	3.01	.06	3.30	8.90	52.00		.27	8	1	10						
56.1	57.9	09614	1.8	1.8	4A14	2.99	.03	3.20	5.00	54.00		.55	1	2	4						
57.9	59.9	09615	2.0	.7	4A14	2.87	.03	2.70	3.50	40.00		.48	1	1	2						
59.9	61.9	09616	2.0	2.0	4A1	3.07	.05	1.93	1.21	24.00	27.00	1.51	2	5	8						
61.9	62.5	09617	.6	.6	4A1	2.99	.07	1.34	1.31	20.00		1.03	1	6	8						
62.5	63.4	09618	.9	.8	4L12	2.96	.03	1.75	2.60	21.00		.55	2	3	5						
63.4	65.4	09619	2.0	2.0	4A14	3.13	.02	2.80	5.40	39.00		.69	1	7	8						
65.4	67.1	09620	1.7	1.7	4A14	2.96	.01	3.50	6.10	44.00		1.37	1	5	7						
67.1	68.7	09621	1.6	1.6	4A14	2.93	.02	2.30	5.40	33.00		.62	1	4	5						
69.6	70.2	09622	.6	.6	4D0	3.06	.05	2.40	4.70	31.00		.55	3	6	10						
70.2	70.5	09623	.3	.3	5C4*	2.99	.01	.22	5.60	3.00		.27	10	1	11						
70.5	71.2	09624	.7	.7	4AE4	3.70	.14	4.50	6.90	77.00		1.58	2	14	16						
94.0	94.7	09625	.7	.7	4A14	3.25	.07	2.90	7.00	56.00		.48	4	7	12						
94.7	96.7	09626	2.0	1.8	4L124	3.05	.04	1.68	2.20	27.00	33.00	.75	4	5	9						
96.7	98.7	09627	2.0	2.0	4L124	3.10	.04	2.30	4.80	46.00		.89	3	5	9						
98.7	100.6	09628	1.9	1.9	4L124	2.95	.05	1.76	3.40	29.00		.89	3	4	7						
100.6	101.8	09629	1.2	1.2	4L124	2.93	.05	2.20	3.70	40.00		.55	3	6	9						
101.8	103.3	09630	1.5	1.5	4A14	3.12	.03	3.20	9.70	77.00		.48	5	3	8						
103.3	104.8	09631	1.5	1.5	4A14	3.41	.02	3.60	8.00	82.00		.41	6	6	12						
104.8	106.6	09632	1.8	1.8	4D0	3.14	.02	3.80	10.00	84.00		.41	5	3	9						

DDH: FAGU054 UTM-N: 905,037.0 UTM-E: 592,337.4 UTM-ELEV: 1,137.5 TOTAL DEPTH: 150.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
106.6	107.3	09633	.7	.7	5DC4*	3.14	.01	.56	5.90	14.00		.21	13	2	15						
107.3	109.1	09634	1.8	1.8	4A0	3.10	.03	.55	1.88	10.00		.27	9	5	14						
115.2	116.3	09635	1.1	1.1	4B0	3.01	.03	1.85	8.10	35.00		.27	5	5	11						
116.3	117.0	09636	.7	.7	5D6	3.80	.04	1.37	2.80	20.00	29.00	.34	13	16	29						
WEIGHTED AVERAGE																					
.0	37.2		37.2	34.3		3.26	.05	3.15	6.63	55.94	5.16	.98	1	11	13						
40.0	68.7		28.7	22.6		3.14	.08	2.24	4.00	33.96	5.57	1.05	1	9	11						
69.6	71.2		1.6	1.6		3.32	.08	2.91	5.83	45.87		.94	4	8	13						
94.0	109.1		15.1	14.9		3.10	.03	2.27	5.42	46.74	4.37	.57	5	4	10						
115.2	117.0		1.8	1.8		3.31	.03	1.66	6.03	29.16	11.27	.29	8	9	18						

DDH: FAGU054 UTM-N: 905,037.0 UTM-E: 592,337.4 UTM-ELEV: 1,137.5 TOTAL DEPTH: 150.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	30.200	33.200
30.500	28.000	35.000
61.500	26.200	34.000
91.500	21.800	22.000
122.000	18.000	8.000

DDH: FAGU054 UTM-N: 905,037.0 UTM-E: 592,337.4 UTM-ELEV: 1,137.5 TOTAL DEPTH: 150.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
16.8	0001	4A0	&1 &3 &4	0.5-	1
17.1	0002	4A0	BXA	0.5-	1
33.9	0003	4A4	+3G2 (4D45) (4E4) MINOR	0.5-	1
34.9	0004	4D0		0.5-	1
35.6	0005	4A4	[4DE45]	0.5-	1
37.2	0006	4D0	SER (4A) (5D4) BOTH MINOR	0.5-	1
38.8	0007	4L0		0.5-	1
40.0	0008	10QC		0.5-	1
42.0	0009	4A4	BXA	0.5-	1
45.9	0010	4C0	(5D4*) MINOR [4L14]	0.5-	1
47.2	0011	4A0	BXA	0.5-	1
51.3	0012	4A0	(4E0)	0.5-	1
55.4	0013	4A4	&3	0.5-	1
56.1	0014	5D4*		0.5-	1
62.5	0015	4A1	PHYLL &4 [4C5]	0.5-	1
63.4	0016	4L12	&4	0.5-	1
68.7	0017	4A14	PHYLL [4D5]	0.5-	1
69.6	0018	5C*	MOTTLED	0.5-	1
70.2	0019	4D0	SERICITIC	0.5-	1
70.5	0020	5C4*		0.5-	1
71.2	0021	4A0	(4E4)	0.5-	1
85.3	0022	5B6	&2 [3G0]	0.5-	1
94.0	0023	5A0	->5A1 (5D4*)	0.5-	1
94.7	0024	4A14	PHYLLITIC? [4D5]?	0.5-	1
101.8	0025	4L12	4	0.5-	1
104.8	0026	4A14	PHYLL (4D0 SER)	0.5-	1
106.6	0027	4D0		0.5-	1
107.3	0028	5C4*	(5D4*)	0.5-	1
109.1	0029	4A0	(4C0)	0.5-	1
110.3	0030	5A0		0.5-	1
110.8	0031	5C4*	MOTTLED	0.5-	1
111.1	0032	4D5		0.5-	1
115.2	0033	5C*	MOTTLED	0.5-	1
116.3	0034	4D0	? [4B0]	0.5-	1
117.0	0035	5D6	(4D4)	0.5-	1
119.5	0036	5C*	MOTTLED	0.5-	1
120.4	0037	5D4*		0.5-	1
121.1	0038	5A0		0.5-	1
121.9	0039	5D4*		0.5-	1
123.4	0040	5A0	(5B6) 50:50	0.5-	1
131.1	0041	5B0	&8	0.5-	1
146.4	0042	5B80	(5D0) MINOR	0.5-	1
147.4	0043	5D0		0.5-	1
150.9	0044	5B80		0.5-	1

DDH: FAGU054 UTM-N: 905,037.0 UTM-E: 592,337.4 UTM-ELEV: 1,137.5 TOTAL DEPTH: 150.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU054	0.0	1.6	CS2		0	0	0	0	71	230	0	1	1	1
FAGU054	0.0	7.0	CS2		0	0	0	0	46	230	0	1	1	1
FAGU054	0.1	9.1	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU054	0.0	12.2	CS2		0	0	0	0	65	230	0	1	1	1
FAGU054	0.0	16.6	CS2		0	0	0	0	55	230	0	1	1	1
FAGU054	0.0	20.7	CS2		0	0	0	0	49	230	0	1	1	1
FAGU054	9.1	20.8	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU054	0.0	24.3	CS2		0	0	0	0	55	230	0	1	1	1
FAGU054	20.8	24.4	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU054	0.0	29.9	CS2		0	0	0	0	49	230	0	1	1	1
FAGU054	24.4	30.0	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU054	0.0	34.8	PS2		0	0	0	0	59	230	0	1	1	1
FAGU054	0.0	38.2	PS2		0	0	0	0	46	230	0	1	1	1
FAGU054	0.0	42.7	CS2		0	0	0	0	45	230	0	1	1	1
FAGU054	0.0	47.2	PS2		0	0	0	0	55	230	0	1	1	1
FAGU054	30.0	50.5	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU054	0.0	51.8	CS2		0	0	0	0	37	230	0	1	1	1
FAGU054	0.0	58.0	CS2		0	0	0	0	30	230	0	1	1	1
FAGU054	50.5	61.7	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU054	0.0	62.5	CS2		0	0	0	0	45	230	0	1	1	1
FAGU054	0.0	67.9	CS2		0	0	0	0	60	230	0	1	1	1
FAGU054	61.7	68.0	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU054	0.0	73.1	CS2		0	0	0	0	35	230	0	1	1	1
FAGU054	68.0	73.2	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU054	0.0	78.0	PS2		0	0	0	0	60	230	0	1	1	1
FAGU054	0.0	83.0	PS2		0	0	0	0	65	230	0	1	1	1
FAGU054	73.2	85.3	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU054	0.0	88.4	CS2		0	0	0	0	67	230	0	1	1	1
FAGU054	0.0	93.3	CS2		0	0	0	0	40	230	0	1	1	1
FAGU054	85.3	94.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU054	0.0	97.5	PS2		0	0	0	0	65	230	0	1	1	1
FAGU054	0.0	102.0	PS2		0	0	0	0	52	230	0	1	1	1
FAGU054	94.0	107.3	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU054	0.0	108.3	CS2		0	0	0	0	67	230	0	1	1	1
FAGU054	107.3	110.4	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU054	0.0	112.8	PS2		0	0	0	0	40	230	0	1	1	1
FAGU054	0.0	117.7	PS2		0	0	0	0	50	230	0	1	1	1
FAGU054	0.0	121.4	PS2		0	0	0	0	53	230	0	1	1	1
FAGU054	110.4	123.3	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU054	0.0	126.5	CS2		0	0	0	0	60	230	0	1	1	1
FAGU054	0.0	131.3	CS2		0	0	0	0	55	230	0	1	1	1
FAGU054	123.3	131.4	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU054	0.0	135.6	CS2		0	0	0	0	65	230	0	1	1	1
FAGU054	131.4	138.8	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU054	0.0	140.2	CS2		0	0	0	0	55	230	0	1	1	1
FAGU054	138.8	142.3	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU054	0.0	144.8	CS2		0	0	0	0	66	230	0	1	1	1
FAGU054	0.0	150.8	CS2		0	0	0	0	70	230	0	1	1	1
FAGU054	142.3	150.9	CS2	Z	0	0	0	0	0	0	0	1	1	1

DDH: FAGU054 UTM-N: 905,037.0 UTM-E: 592,337.4 UTM-ELEV: 1,137.5 TOTAL DEPTH: 150.9 SECTION: W 74
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
FAGU054	12.2	15.2	RP	6		0	0	0	0	0	0	1
FAGU054	16.8	18.2	X			0	0	0	0	0	0	1
FAGU054	31.7	32.7	R			0	0	0	0	0	0	1
FAGU054	37.2	38.8	1G			0	0	99	999	0	0	1
FAGU054	40.0	42.0	XRB	5		0	0	0	0	0	0	1
FAGU054	42.0	42.5	X			0	0	0	0	0	0	1
FAGU054	45.7	45.9	R			0	0	0	0	0	0	1
FAGU054	47.2	51.3	RB	4		0	0	0	0	0	0	1
FAGU054	52.9	53.3	X			0	0	0	0	0	0	1
FAGU054	72.9	73.2	G			0	0	0	0	0	0	1
FAGU054	116.3	117.0	XD?			0	0	0	0	0	0	1
FAGU054	120.4	121.1	B			0	0	0	0	0	0	1
FAGU054	121.4	121.9	X?			0	0	0	0	0	0	1

DDH: FAGU054 UTM-N: 905,037.0 UTM-E: 592,337.4 UTM-ELEV: 1,137.5 TOTAL DEPTH: 150.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU054	1	2
FAGU054	2	2
FAGU054	3	2
FAGU054	4	2
FAGU054	5	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U054

Project: GRUM RELOG

Location: VANGORDA PLAT.

Claim: _____

UTM ~~Terr.~~ Plane Co-ords.: 6,905,037.0 N

592,337.4 E

Conversion of K-A surveyed grid co-ords

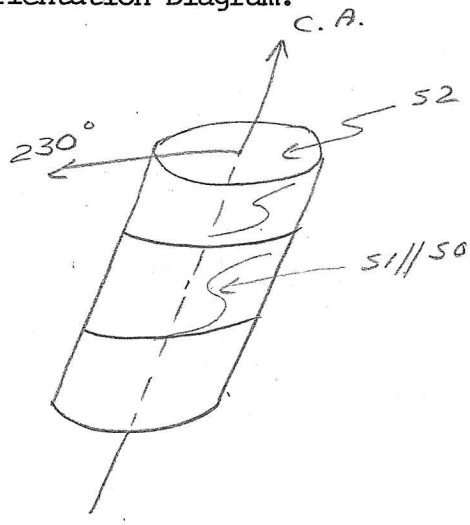
Grid Co-ords.: _____

_____

Elevation: 1137.51

Total Depth: 150.9 m.

Fabric Orientation Diagram:



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

Purpose: _____

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

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

_____ _____ _____

_____ _____ _____

_____ _____ _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 716-U054

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	716-U054	1137.5	9050370.0	592337.4	METRES

33.2 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	716-U054	0 0	30.2	~~31.6~~	ATCOLLAR
R	716-U054	30.5	28.0	~~34.0~~ 35	SPERRY SUN
R	716-U054	61.0	26.2	~~33.0~~ 34	
R	716-U054	91.4	21.8	~~21.0~~ 22	
R	716-U054	121.9	18.0	~~7.0~~ 8	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH 76-1054 (2 of 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: DJH.

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1 1 10 0	1 1/16 8	1 1	4 1A10	±1 ±3 C+phyllitic partings; 12.2-15.2 → rubble, fracturing + poor recov. graphite ± grey sericite = 10-20% 1.7/3.0
L	1 1/16 8	1 1[47] 2[71]	1 2	4 1A0	bxia
L	1 1[47] 2[71]	1 313 9	1 3	4 1A4	C+phyllitic partings +3Gz finely interlaminated. Tb in concentr. in bands of 4E4 (4D45 30.6-31.4; Rubble+minor 4D45 31.7-32.7; Partings mostly graphite toward EOI
L	1 313 9	1 314 9	1 4	4 D10	white "cherty" qtz w/ 5% white sericite
L	1 314 9	1 315 6	1 5	4 A14	(4D-E 45; ie locally very std rich)
L	1 315 6	1 317 2	1 6	4 D10	sericitic as unit 4 w/ minor 4A & 4L0 → 5D4
L	1 317 2	1 318 8	1 7	4 L10	v. minor thin gouge // Sz
L	1 318 8	1 410 0	1 8	0 Q10	
L	1 410 0	1 420	1 9	4 A14	bxia.; broken core 0.4m core; 0.7m rubble poor recov
L	1 420	1 459	1 10	4 C10	+ ~~minor 4L~~; (bxia.) over first 0.5 meters; 10-15% tot. sdes. → then 4C0 sericitic [4L12±4] (minor 5D4 w/ mariposite) Rubble 45.7-45.9
L	1 459	1 472	1 11	4 A10	bxia
L	1 472	1 513	1 12	4 A10	1.7/4.1 m recovered. 50% of this is rubble in 1m: generally broken 4A0/4E0 rubble, core mostly 4A0
L	1 513	1 554	1 13	4 A14	C+phyllitic partings ±3Gz finely interbanded bxia 52.9-53.3; Locally std rich enuff to be 4E4; 10QD@55.0
L	1 554	1 561	1 14	~~4L10~~	gen. porous; minor mariposite. 5D4* +marip. porous
L	1 561	1 625	1 15	4 A10	5-10% tot. sdes; ~20% grey ser. / v. minor graphite. 4A1 mostly phyllitic, minor carbon partings; white mica @ HW
L	1 625	1 634	1 16	~~4C10~~	as unit 10: 15-20% white ser 1981: [4L12±4]
L	1 634	1 687	1 17	4 A14	4A14 mostly phyllitic, minor carbon partings; (+3Gz finely interbanded below 68.0) 10-15% grey sericite ± graph
L	1 687	1 696	1 18	5 ~~D~~ C/B mot	matt. w/ dol. carb.; → 5D4 w/ mariposite locally.
L	1 696	1 702	1 19	4 D10	20-25% sdes. sericitic
L	1 702	1 705	2 10	~~5D4~~	w/ mariposite or 5C4* marip, ank
L	1 705	1 712	2 11	4 A10	(4E4)
L	1 712	1 853	2 12	5 B16	grey; 360? should be 546 at least to 73.2, then 5B26
L	1 853	1 940	2 13	5 A10	→ 5A1 towards EOI.; minor 4L0 (maripos. @ EOI.
L	1 940	1 947	2 14	4 A1 ~~0~~ 4 phyllitic	? Actually this is grey qtz w/ very sparse phyllitic partings
L	1 947	1/101 8	2 15	4 D10	[4L12+] This is that borderline rock barely 5% Pb/Zn; ~5% white ser.
L	1/101 8	1/104 8	2 16	4 A0	4A14 phyllitic (4D0 sericitic) ~10% grey ser ± graph.
L	1/104 8	1/106 6	2 17	4 D10	lots of red sph. Locally looks grey quartz grey qtz
L	1/106 6	1/107 3	2 18	~~4L10~~	± mariposite 5D-C 4* marip + ank, mass + matt
L	1/107 3	1/109 1	2 19	4 A0	(4C0 to 108.0)
L	1/109 1	1/110 3	3 10	5 A10	
L	1/110 3	1/110 8	3 11	~~5D4~~	→ 5D43 + mariposite 504* not
L	1/110 8	1/111	3 12	~~4A4~~	massive; 1-2% grey ser ± graphite; 4D0? 4B0w/ grey qtz

DDH 76-U054 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: DJH.

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	1111 1	1152	313	5D13 (mot)	dol. carb.; gen. mottled but some lam. banded; → 5D4 locally; also minor sdes bearing qtzite bands;
L	1152	1163	314	4BD10	just barely 5%; grey-massive 4BD? sphaerite no pyr
L	1163	1170	315	5D16	bxia w/ 30% sde matrix (4D4)
L	1170	1195	316	5D13 (mot)	gen. mottled, minor laminated
L	1195	1204	317	5D14	± mariposite
L	1204	1211	318	5A10	gen. broken core.
L	1211	1219	319	5D14	minor sdes as matrix in bxia zone
					121.4 – 121.9
L	1219	1234	410	5A5B	50:50 5A0 : 5B6
L	1234	1311	411	5B10	grey green.
L	1311	1464	412	5B18	→ 5B83 or 5B73 w/ minor 5D.
L	1464	1474	413	5D13	
L	1474	1509	414	5B18	→ 5B83 as unit 42.
		1E01H			
					NB narrow gouge zone 72.9 – 73.2 with ankerite/qtz veining on hanging will over several metres.
					#33 probably fold repeat of #31

DDH 76-U05-4 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: DJH

Code	From m.	To m.	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		1.16	CIS12			71 2310	Z region 0.0 – 9.1 m.
S		1.70	CIS12			416 2310	
S		9.1	IFR 3				S region 9.1 – 20.8
S		11.22	CIS12			615 2310	
S		11.66	CIS12			515 2310	
S		12.08	IF12	Z		419 2310	Z region 20.8 – 24.4
S		12.44	IF12	S		515 2310	S region 24.4 – 30.0 m.
S		13.00	IF12	S		419 2310	R region 30.0 – 50.5 m.
							(minor S & Z determinations)
S		13.48	IS12			519 2310	
S		13.82	IS12			416 2310	
S		14.27	CIS12			415 2310	
S		14.72	IS12			515 2310	
S		15.05	IF12	R			Z region 50.5 – 61.7
S		15.18	CIS12			317 2310	
S		15.80	CIS12			310 2310	
S		16.17	IF12	S			S region 61.7 – 68.0
S		16.25	CIS12			415 2310	
S		16.80	IF12	Z		610 2310	Z region 68.0 – 73.2
S		17.32	IF12	Z		315 2310	PS2 region 73.2 – 85.3
S		17.80	PIS12			610 2310	(minor Z sym)
S		18.30	PIS12			615 2310	
S		18.53	IF12	P			Z region ~~73.2~~ 85.3 – 94.0
S		18.84	CIS12			617 2310	
S		19.33	CIS12			410 2310	
S		19.40	IF12	Z			R region 94.0 – 107.3
S		19.75	IS12			615 2310	(minor "S" sym.)
S		1.10 20	IS12			512 2310	
S		1.10 73	IF12	R			S region 107.3 – 110.4
S		1.10 83	CIS12			617 2310	
S		1.11 04	IF12	S			R region 110.4 – 123.3
S		1.11 28	IS12			410 2310	
S		1.11 77	IS12			510 2310	
S		1.12 14	IS12			513 2310	
S		1.12 33	IF12	R			S region 123.3 – 131.4
S		1.12 65	CIS12			610 2310	

DDH 76-U054 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: DJH

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		131.4	FR	E		515 230	E region 131.4 – 138.8'
S		135.6	CS			615 230	
S		138.8	FR	E			S region 138.8 – 142.3
S		140.2	CS			515 230	
S		142.3	FR	E			E region 142.3 – 150.9
S		144.8	CS			616 230	
S		150.8	CS			710 230	
S		150.9	FR	E			
		EOH.					

DDH 76-U-054 (2/8)

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

Logged By: DJH

Sampled By: K.A.

Code	From m	To m	Sample No.	Description		
1	10 14	16 20	22 27	REC.	LENGTH	UNIT
P	100	130	121012	2.4	3.0	
P	130	161	121013	2.7	3.1	
P	161	191	121014	2.4	3.0	
P	191	1122	121015	3.0	3.1	
P	1122	1152	121016	1.7	3.0	
P	1152	1183	112017	3.0	3.1	
P	1183	1213	112018	3.0	3.0	
P	1213	1244	112019	2.8	3.1	
P	1244	1274	112110	2.7	3.0	
P	1274	1305	112111	3.1	3.1	
P	1305	1320	112112	1.5	1.5	
P	1320	1335	112113	1.5	1.5	
P	1335	1354	112114	1.8	1.9	
P	1354	1374	112115	2.0	2.0	
P	1400	1411	121116	0.6	1.1	
P	1411	1427	121117	0.9	1.6	
P	1427	1457	121118	2.5	3.0	
P	1457	1472	121119	1.3	1.5	
P	1472	1488	121120	0.8	1.6	
P	1488	1503	121121	0.4	1.5	
P	1503	1518	121122	0.8	1.5	
P	1518	1549	121123	3.0	3.1	
P	1549	1579	121124	2.9	3.0	
P	1623	1655	121125	3.0	3.0	
P	1655	1671	121126	1.6	1.6	
P	1671	1687	121127	1.6	1.6	
P	1697	1712	121128	1.5	1.5	
P	1941	1960	121129	1.9	1.9	
P	1960	1975	121130	1.5	1.5	
P	1975	1991	121131	1.6	1.6	
P	1991	1006	121132	1.5	1.5	
P	1006	1021	121133	1.5	1.5	

DDH 76-4054 (2 / 8)

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

Logged By: DJH

Sampled By: K.A.

Code	From	To	Sample No.	Description
1	10 14	16 20	22 27	REC. LENGTH UNIT.
P	1012 1	1035	121314	1.4 1.4
P	1035	1050	121315	1.5 1.5
P	1050	1066	121316	1.6 1.6
P	1066	1093	121317	2.7 2.7
P	1153	1169	121318	1.6 1.6

Section 74W Logged 1980, checked for sampling 1981

DDH 76-4054 Cyprus Anvil Mining Corp Page ____ of ____

Logged by DTH; checked JSM

ASSAY LOG (SAMPLER'S COPY) Date 8/81 Sampled by ____

meters

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
P	000	020	915815	20	15	4A10	±1 ±3	#1
P	020	040	915816	20	19		"	"
P	040	060	915817	20	17		"	"
P	060	080	915818	20	16		"	"
P	080	100	915819	20	20		"	"
P	100	120	915910	20	20		"	"
P	120	152	915911	32	21		"	"
P	152	168	915912	16	16		"	"
P	168	182	915913	14	14	4A10	Bxia	#2
P	182	198	915914	16	16	4A14	(4E4)(4D45)	#3
P	198	213	915915	15	15		"	"
P	213	233	915916	20	19		"	"
P	233	253	915917	20	20		"	"
P	253	273	915918	20	18		"	"
P	273	293	915919	20	20		"	"
P	293	309	916010	16	16		"	"
P	309	325	916011	16	15		"	"
P	325	339	916012	14	14		"	"
P	339	349	916013	10	09	4D10	sericitic	#4
P	349	356	916014	07	07	4A14	(4DE45)	#5
P	356	372	916015	16	16	4D10	sericitic (5D4*)	#6
P	372	400					No sample 0%	#7,8
P	400	420	916016	20	12	4A14	bxia, rubble	#9
P	420	443	916017	23	15	4C10	sericitic [4412±4] (4C0 bxia)	#10
P	443	459	916018	16	16		"	"
P	459	472	916019	13	08	4A10	bxia	#11
P	472	513	916110	41	16	4A10	Poor rec'vy (4E0?)	#12
P	513	533	916111	20	20	4A14	chphyll (3G2) (4E4) (bxia)	#13
P	533	554	916112	21	21		"	"
P	554	561	916113	07	06	5D4*		#14
P	561	579	916114	18	18	4A11		#15
P	579	599	916115	20	07		"	"
P	599	619	916116	20	20		"	"
P	619	625	916117	16	09		"	"
P	625	634	916118	09	08	4L12	±4	#16
P	634	654	916119	20	20	4A14	chlrite (±3G2)	#17

DDH 76-4054 (2 / 8) Cyprus Anvil Mining Corp Page ____ of ____

Logged by RTH / JSM

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
1	10 14	16 20	22 26	28 30	32 34	36 40	42	
D	1654	1671	96216	17	17		"	"
D	1671	1687	96217	16	16		"	"
D	1687	1696					No sample 0%	#18
D	1696	1702	96212	06	06	4D01	sericitic	#19
D	1702	1705	96213	03	03	5C14*		#20
D	1705	1712	96214	07	07	4A10	(4E4)	#21
D	1940	1947	96215	07	07	4A14	phyllitic	#24
D	1947	1967	96216	20	18	4D01	[4L124]	#25
D	1967	1987	96217	20	20		"	"
D	1987	10106	96218	19	19		"	"
D	10106	10118	96219	12	12		"	"
D	10118	10133	96310	15	15	4A14	phyll (4D0 ser)	#26
D	10133	10148	96311	15	15		"	"
D	10148	10166	96312	18	18	4D01		#27
D	1966	10173	96313	07	07	5D14*		#28
D	10173	10191	96314	18	18	4A10	(4C0)	#29
D	11152	11163	96315	11	11	4B01		#34
D	11163	11170	96316	07	07	5D61	+sfds	#35

DDH FAGU054 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
	1122	1552	RP	6				
	1682	1822	X					
	3177	3277	R					
	3728	3888	IG			99 999		
	4000	4200	XRB	5				
	4200	4425	X					
	4557	4599	R					
	4728	5133	RG	4				
	5229	5333	X					
	1163	1170	XD?					
	1204	1211	B					
	1214	1219	X?					
	7229	7328	G					

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

DIAMOND DRILL RECORD

LOGGED BY Glenn Jeter

D.D.H. Nº 76 U-54 PAGE 1/7

PROPERTY Grum Joint Venture (Underground)

LATITUDE 10829.438 | 6N STARTED March 29/76

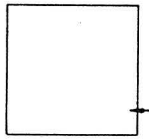
DEPARTURE 7645.418 | 74W COMPLETED April 2/76

ELEVATION 1148.115 m PROPOSED DEPTH

ULTIMATE DEPTH 150.9

CLAIM Nº

HOLE SURVEY:		
DEPTH	BEARING	DIP
collar	33°12'15"	+60°
100' (30.5m)	034	+62°
200' (61.0)	033	+64°
300' (91.5)	021	+68°
400' (122)	007	+72°



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	37.4	Quartz Sulphide with Graphite and Sericite dark grey, mod-poor foliation F_2 = 70°±10°; F_1 generally distinct @ 90°±F_2, drag folded and offset along F_2; fracturing common @10°, 70°, 20°, 40° and common parting along F_2 av. 4cm interval; graphite 10-15%, sericite locally +10%, sulphides 20%±5% as bands and dis. in qtz. bands following either F_1 or F_2, details;													
		0-3.0 as above competent, Py 18, Pb 2 Zn 3	2.4/3.0	2102	0	3.0	3.0	1.53	3.55	36.34			5.49	10.65	109.02
		3.0-6.1 " " , competent Py 15, Pb 2 Zn 3	2.7/3.1	03	3.0	6.1	3.1	1.80	3.10	40.46			5.58	9.61	125.426
		6.1-9.1 as above, sericite phyllite 6.1-6.2 Py 15 Pb 2 Zn 4	2.4/3.0	04	6.1	9.1	3.0	1.66	4.58	34.29			4.98	13.74	102.87
		9.1-12.2 as above, competent Py 18 Pb 2 Zn 3	3.0/3.1	05	9.1	12.2	3.1	2.48	4.80	50.40			7.688	14.88	156.24
		12.2-15.2 as above, fractured broken 12.3-12.5, 13.8-14.8 Py 10 Pb 2 Zn 2	(1.7)/3.0	06	12.2	15.2	3.0	1.88	3.15	27.43		-	5.64	9.45	82.29
		15.2-18.3 as above, breccia 16.9-17.5 fragment [Py 18 Pb 2 Zn 4] of host av. 0.2cm range to 1cm in sericite & rich matrix	3.0/3.1	1207	15.2	18.3	3.1	1.35	1.45	29.14		-	4.19	6.05	91.33

LOGGED BY SJ D.D.H. NO U-54 PAGE 2/7

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		18.3-21.3 as above, generally competent P_y 15 Pb_2 Zn_5	3.0/3.0	1208	18.3	21.3	3.0	2.58	5.00	44.23			7.74	15.00	132.69
		21.3-24.4 " " , " " , P_y 15, Pb_2 Zn_5	2.8/3.1	09	21.3	24.4	3.1	4.05	7.75	65.49			12.555	24.025	203.019
		24.4-27.4 " " , graphite rich, P_y 12, Pb_2 Zn_3	2.7/3.0	10	24.4	27.4	3.0	2.65	7.06	45.26			7.95	21.18	135.78
		27.4-30.5 " " , competent P_y 15, Pb_2 Zn_5	3.1/3.1	11	27.4	30.5	3.1	5.53	10.72	84.69			17.143	33.232	262.539
		30.5-32.0 " " , competent P_y 10, Pb_2 Zn_8	1.5/1.5	12	30.5	32.0	1.5	6.48	12.34	97.72			9.72	18.51	146.58
		32.0-33.5 " " , fracturing common, P_y 8, Pb_2 Zn_8	1.5/1.5	13	32.0	33.5	1.5	6.28	10.16	87.77			9.42	15.24	131.655
		33.5-35.4 " " , " " P_y 8, Pb_2 Zn_7	1.9/1.9	14	33.5	35.4	1.9	6.06	12.65	95.66			11.514	24.034	181.754
		35.4-37.4 " " , pale green (sericite) P_y 10, Pb_2 Zn_6	2.0/2.0	1215	35.4	37.4	2.0	3.05	7.27	57.60			6.10	14.54	115.20
37.4	39.0	Bleached Sericite Phyllite	1.5/1.6												
		pale green, well foliated @ 65°, fissile,		INTRN	0	6.1	6.1	1.81	3.32	36.43			11.02	20.26	222.446
		fracturing @ 30° common ~~to~~ parting along F_2,		"	6.1	12.2	6.1	2.07	4.69	42.47			12.638	28.62	259.11
		minor kaolin, second contact @ 70°	0.7/1.0	"	21.3	37.4	16.1	4.62	9.36	73.07			74.402	150.76	1176.627
39.0	40.0	Quartz Vein milk white, fracturing common	0.8/1.0	"	27.4	35.4	8.0	5.97	11.38	90.81			43.392	91.016	722.528
		@ 5°, 70°, 40°, 90°, bleached sericite phyllite		"	0	12.2	12.2	1.82	4.01	40.5			22.71	48.88	494.55
		39.2-39.3 fissile sheared contact @ 20°			12.2	21.3	9.1	1.93	3.35	33.55			17.57	30.50	305.31
40.0	71.2	Quartz Sulphides with Sericite ± Graphite													
		dark grey, mod-poor foliation F_2: 70° ± 10°, F_1													
		generally distinct @ 90° to F_2 ca. 0-30°;													
		fracturing @ 15°, 40°, 60°, common parting on F_2													
		av. 5cm interval generally competent (core													
		recovery variable as noted); 15-20% sericite													
		2-3% graphite locally, sulphides = 15% ± 5%													

LOGGED BY SJ D.D.H. Nº U-54 PAGE 3/7

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		as diss. ~~not~~ in qtz bands usually follow F_2 structure locally parallel F_1; first contact not distinct (broken core) second contact @ 65° (parallel F_2). details;													
		40.0 - 41.1 as above highly fractured @15° Py 10, Pb2n6	(0.6)/1.1	2116	40.0	41.1	1.1	4.75	7.42	71.66			5.225	8.162	78.826
		41.1 - 42.7 " " broken fragmented Py 10, Pb2n5	(0.9)/1.6	2117	41.1	42.7	1.6	2.98	4.00	45.26			4.768	6.40	72.416
		42.7 - 45.7 " " competent, with bleached sericite Py 15, Pb2n2 kaolin - fushite alt. 43.6 - 43.9	2.5/3.0	18	42.7 (42.7)	45.7 (43.2)	3.0 (0.5)	0.83	1.63	14.06			2.49	4.89	42.18
				↓	42.7	44.6	1.9					0.5	0.415	0.815	7.03
													1.58	3.10	26.71
		45.7 - 47.2 as above competent, 3% graphite Py 15, Pb2n3 breccia 46.1 - 46.9 frags host av. 0.2cm in sericite rich matrix	1.3/1.5	2119 ↓	45.7	47.2	1.5	0.63	0.73	18.17			0.945	1.095	27.255
		47.2 - 48.8 as above highly fractured Py 15 Pb2n6	(0.8)/1.6	2120	47.2	48.8	1.6	1.13	1.85	23.31			1.808	2.96	37.296
		48.8 - 50.3 " " fractured broken Py 15 Pb2n8	(0.6)/1.5	21	48.8	50.3	1.5	2.83	4.65	42.51			4.245	6.975	63.765
		50.3 - 51.8 " " Highly fractured Py 15 Pb2n6	(0.8)/1.5	22	50.3	51.8	1.5	4.95	7.55	74.74			7.425	11.325	112.11
		51.8 54.9 " " competent Py 15, Pb2n4	3.0/3.1	23	51.8 ~~53.9~~	54.9	3.1	3.60	7.72	52.46			11.16	23.932	162.626
		54.9 - 57.9 " " " Py 8, Pb2n3	2.9/3.0	24	54.9 ~~57.9~~	57.9	3.0	2.50	4.65	45.26			7.50	13.950	135.78
		57.9 - 62.5 " " , sericite rich, competent Py 10, Pb2n1	4.5/4.6	—		62.5									
		62.5 - 65.5 " " , competent, bleached 62.5 - 62.9 Py 10, Pb2n4	3.0/3.0	25	62.5	65.5	3.0	2.68	4.55	40.46			8.04	13.65	121.38
		65.5 - 67.1 " " , competent, Py 10, Pb2n6	1.6/1.6	26	65.5	67.1	1.6	3.55	6.55	48.34			5.68	10.48	77.344
		67.1 - 68.7 " " , " Py 8, Pb2n4	1.6/1.6	27	67.1	68.7	1.6	2.40	5.64	39.43			3.84	9.024	63.088
		68.7 - 69.7 bleached phyllite, kaolin rich, with traces of fushite	1.0/1.0	—											

LOGGED BY SS D.D.H. NO 11-54 PAGE 4/7

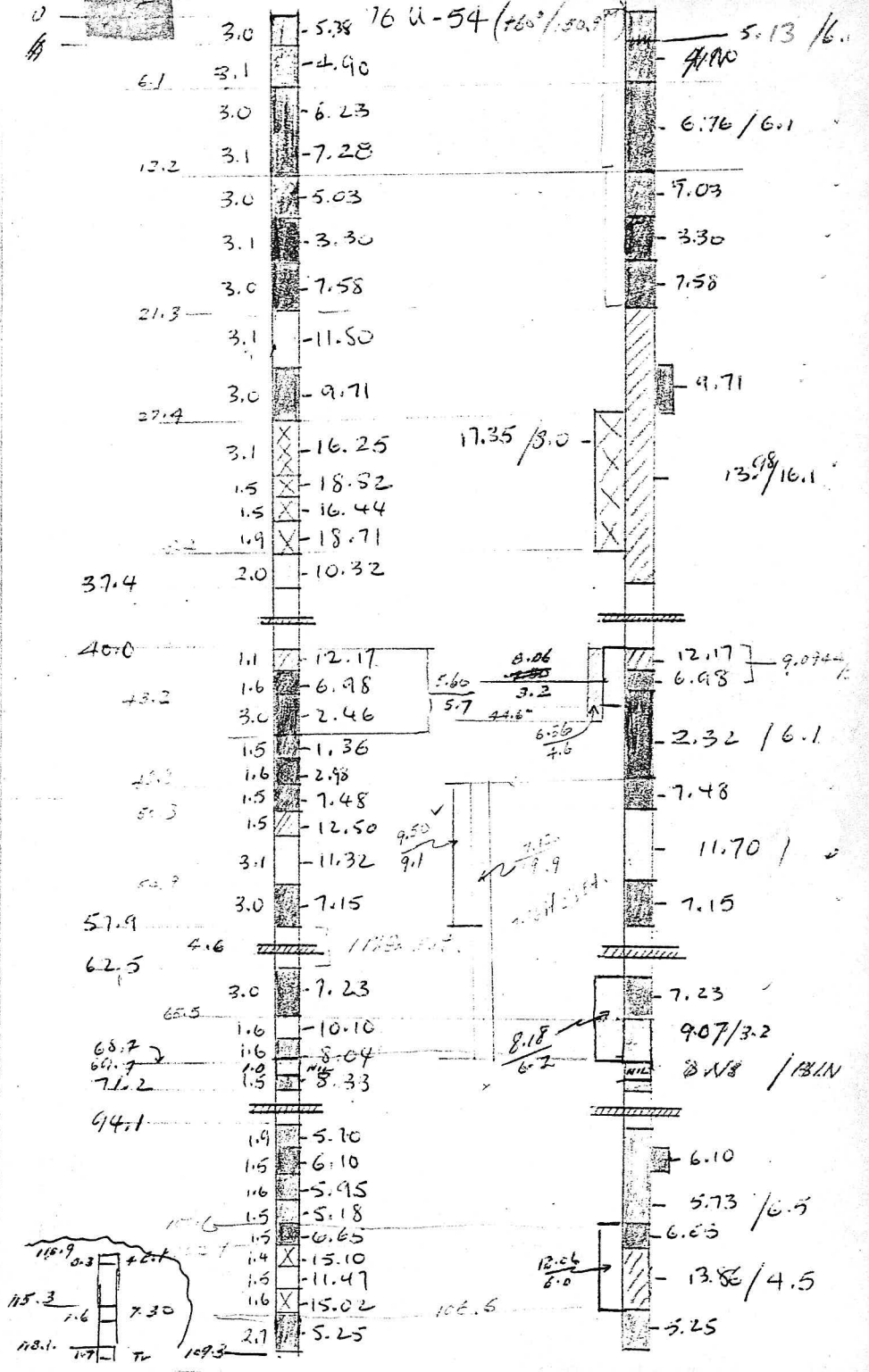
Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		69.7-71.2, qtz sulphides competent Py 20, Pb Zn S kaolin fusl. alt. 70.2-70.5	1.5/1.5	2128	69.7	71.2	1.5	2.95	5.38	45.26					
71.2	94.1	Sericite Graphite Phyllite	20.8/22.9												
		dark grey-black, well foliated F_2 = 80±5°		WRA	40.0	43.2	3.2	3.25	4.81	49.46			10.408	15.397	158.272
		(73.6-77.0, F_2 = 30°) F_1 rarely distinct, @ 90° to F_2, generally competent		WRA	40.0	44.6	4.6	2.52	3.84	39.69			11.58	17.66	177.96
		minor fracturing @ 0°, common parting		WRA	42.7	48.8	6.1	0.86	1.46	19.69			5.243	8.905	106.781
		along F_2 av. 3cm interval, sheared 72.8-73.1			48.8	67.7	19.9	2.48	4.15	52.46			49.290	82.556	1045.093
		traces of sulphide locally on F_2 faces, graphite			50.3	54.9	4.6	2.04	7.66	59.72			18.585	35.252	274.731
		20±5%, second contact kaolin fusl alt			60.5	68.7	8.2	2.53	5.35	42.23			17.56	33.154	261.812
		zone @ 85° 10cm wide.			65.5	68.7	3.2	2.97	6.10	63.88			9.52	19.504	160.432
					48.8	57.9	9.1	3.33	6.17	52.1	✓		30.34	56.19	474.29
94.1	109.3	Quartz Sulphide with Sericite													
		Pale green, poor foliation F_2 = 80°±10°, F_1													
		rarely distinct @ 90° to F_2, competent, tension													
		fract. @ 15° common with sulphide fillings,													
		siliceous, sulphides 20±5% as bands and													
		stringer-disseminate parallel F_2 with 2%													
		po throughout (assoc. with py rich bands)													
		also traces of mag, detail;													
		94.1-96.0 as above Py 15, Pb Zn 6	1.9/1.9	2129	94.1	96.0	1.9	2.20	3.50	44.23			4.18	6.65	84.037
		96.0-97.5 " " Py 12 Pb Zn 5	1.5/1.5	30	96.0	97.5	1.5	2.30	3.80	43.20			3.45	5.70	64.80
		97.5-99.1 " " Py 10 Pb Zn 5	1.6/1.6	31	97.5	99.1	1.6	1.85	4.10	35.31			2.96	6.56	56.496

LOGGED BY SJ — D.D.H. NO 11-54 — PAGE 5/7

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		99.1-100.6 as above Py 10 Pb 2 Zn 4	1.5/1.5	2132	99.1	100.6	1.5	2.10	3.08	39.43			2.15	0.62	59.145
		100.6-102.1 " " Py 10 Pb 2 Zn 3	1.5/1.5	33	100.6	102.1	1.5	2.55	4.10	48.34		-	3.825	6.150	72.51
		102.1-103.5 " " Py 10 Pb 2 Zn 8	1.4/1.4	34	102.1	103.5	1.4	4.28	10.82	96.69			5.992	15.148	135.366
		103.5-105.0 " " Py 10 Pb 2 Zn 5	1.5/1.5	35	103.5	105.0	1.5	3.75	7.72	83.66			5.625	11.58	125.49
		105.0-106.6 " " Py 8, Pb 2 Zn 8	1.6/1.6	36	105.0	106.6	1.6	4.35	10.67	91.89			6.96	17.072	147.024
		106.6-109.3 as above, 10% graphite Py 5, Pb 2 Zn 2 kaolin fush alt. 106.5-107.1	2.7/2.7	2137	106.6	109.3	2.7	1.25	4.00	25.37					
109.3	110.6	Sericite Graphite Phyllite with Sulphides grey-black, well foliated @ 80°, F_1 @ 90° to F_2, offset and drag folded; minor fracturing @ 5°, competent, 2-3% sulphids mainly py as fine diss. assoc. with qtz rich bands	1.3/1.3	—				spots? Pb							
				W.A.	94.1	100.6	6.5	2.11	3.62	40.7			13.74	23.53	264.455
				"	102.1	106.6	9.5	4.13	9.73	90.64		-	18.522	43.800	409.880
				"	100.6	106.6	6.0	3.73	8.33	80.07			22.402	49.950	480.390
110.6	119.4	Bleached phyllite with qtz. sulphides well foliated @ 80°, generally competent minor fracturing @ 0°, 15° details	8.8/8.8												
		110.6-110.9 kaolin-fush. alt zone													
		110.9-111.2 qtz sulphide with sericite py 5 pb 2 zn 4	/1.3		110.9	111.2		4	FF Gal.						
		111.2-114.2 bleached phyllite, dark green, chlorite rich competent													
		114.2-115.3 bleached phyllite with kaolin and minor fuchsite													

LOGGED BY SS D.D.H. NO U-54 PAGE 6/7

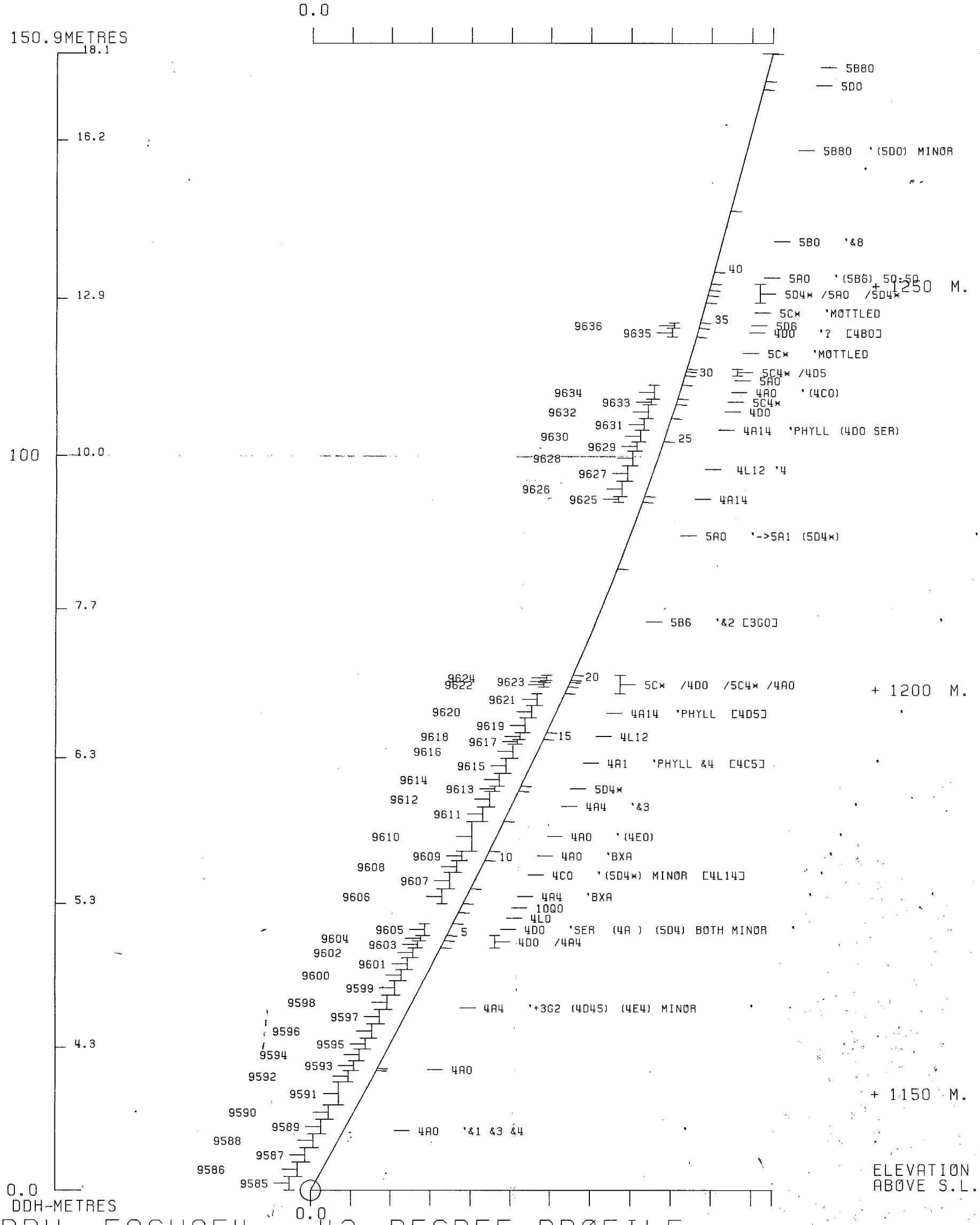
Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		115.3-116.9 qtz sulphide with sericite Py 15, Pb 2-4 and 1% po competent siliceous.	1.6/1.6	2138	115.3	116.9	1.6	1.90	5.40	36.34					
		116.9-118.1 bleached phyllite chlorite rich													
		118.1-120.4 bleached phyllite with kaolin traces of fuchsite, 5% sulphide 118.9-119.4, (po-py ± sph ± gal).	/2.3		117.1	120.4		Tr Pb							
120.4	123.7	Sericite Graphite Phyllite grey black, well fol. F_2 = 85°, fracturing @ 20° common parting along F_2 av. 2cm interval; with 2% sulphide as diss. in qtz rich bands, 121.6-121.8 - 10% po, sheared phyllite 120.6-120.7; second contact @ 80°	3.0/3.3												
123.7	105.9	Chlorite Calcite ± Sericite Phyllite dark grey-green, well foliated F_2 = 85°, F_1 locally evident @ 90° to F_2, offset and drag folded; minor fracturing @ 10°, common parting on F_2 av 2cm interval, generally competent, calcite av. 10-15% details,													
		123.7-131.0 Sericite Chlorite Calcite Phyllite	5.3/7.3		mislatch @ 126.5 and 128.0										
		131.0-136.5 Chlorite Calcite Phyllite locally minor sericite	5.2/5.5												
		136.5-146.0 Chlorite Sericite Calcite Phyllite	9.0/9.5												


16 U-54
3.0 5.38
3.1 4.90
6.1
3.0 6.23
3.1 7.28
12.2
3.0 5.03
3.1 3.30
3.0 7.58
21.3
3.1 11.50
3.0 9.71
27.4
3.1 16.25
1.5 18.32
1.5 16.44
1.9 18.71
2.0 10.32
37.4
40.0
1.1 12.17
1.6 6.98
43.2
3.0 2.46
1.5 1.36
1.6 2.98
1.5 7.48
1.5 12.50
3.1 11.32
3.0 7.15
57.9
4.6
62.5
3.0 7.23
65.5
1.6 10.10
68.7
69.7
1.0
1.5 8.33
71.2
74.1
1.9 5.70
1.5 6.10
1.6 5.95
1.5 5.18
1.5 6.65
1.4 15.10
1.6 11.47
1.6 15.02
2.1 5.25
106.6
5.13 / 6.1
6.76 / 6.1
5.03
3.30
7.58
9.71
17.35 / 3.0
13.98 / 16.1
12.17
6.98
8.06
5.60
3.2
5.7
44.6°
6.56
4.6
2.32 / 6.1
7.48
11.70 /
9.50
9.1
7.15
7.23
9.07 / 3.2
8.18
6.2
6.10
5.73 / 6.5
6.65
12.06
6.0
13.86 / 4.5
5.25
115.9
0.3
4.2
115.3
1.6
7.30
118.1
1.7
109.3

LOGGED BY DJ D.D.H. Nº 4-54 PAGE 7/7

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		146.0-150.9 as above with rusty weathering	4.6/4.9												
	150.9	End of Hole.													

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 NOV 1984 10:22 AM



DDH: FAGU054 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

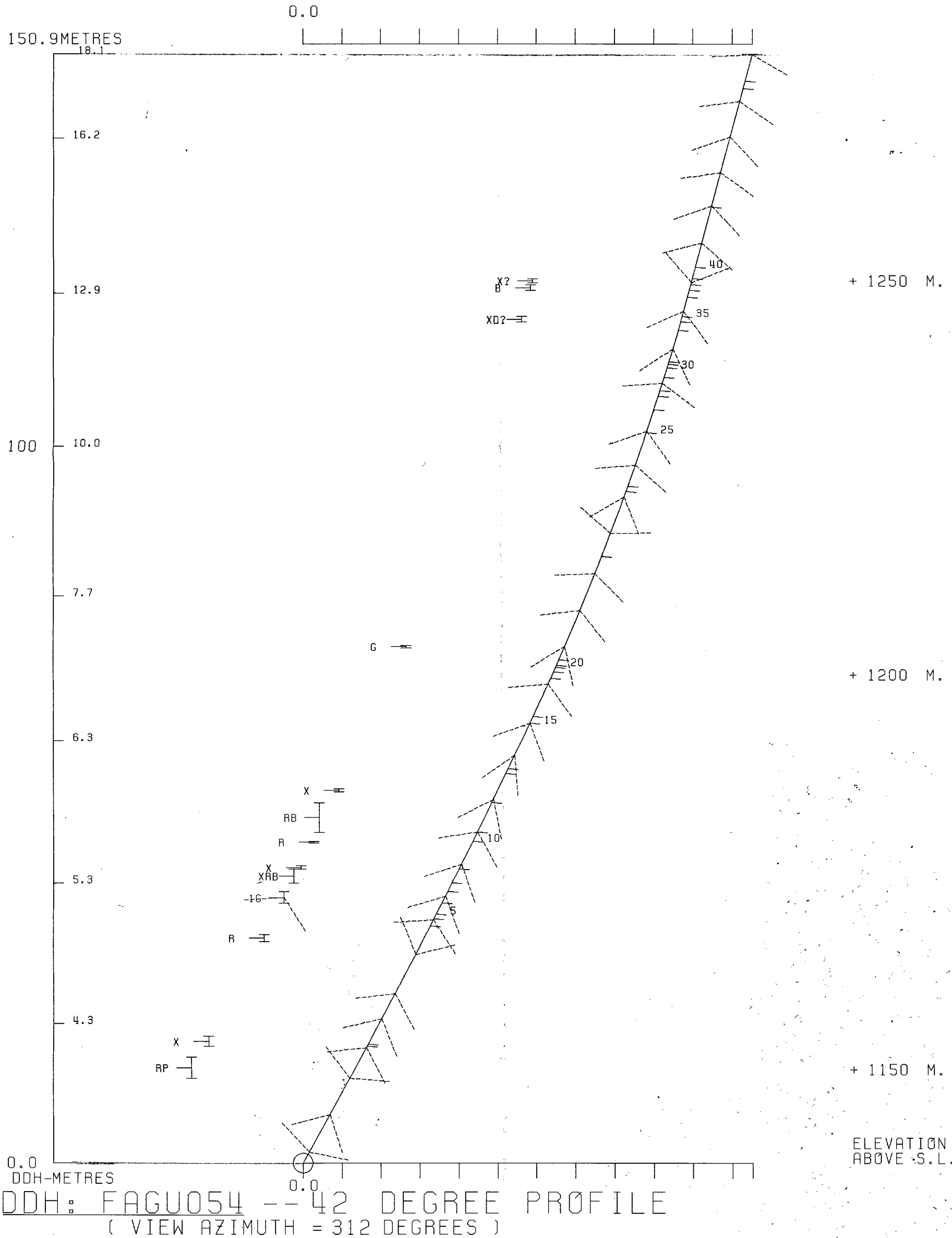
ELEV:1138 592337E ; 905037N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 554.1 Z = 1138.1

SECTION NAME: 74W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 2 NOV 1984 10:21 AM



DDH: FAGU054 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV:1138 592337E ; 905037N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 554.1 Z = 1138.1

SECTION NAME: 74W

DRILL HOLE : FAGU055
NORTHING : 905,033.5
EASTING : 592,335.3
ELEVATION : 1,134.4
TOTAL DEPTH : 36.4
SECTION : 74W
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 0
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 8
NOS DOWN-H-STRUCTURE: 10
NOS DOWN-H-FAULTS: 4
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU055 UTM-N: 905,033.5 UTM-E: 592,335.3 UTM-ELEV: 1,134.4 TOTAL DEPTH: 36.4 SECTION:
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	62.900	233.700

DDH: FAGU055 UTM-N: 905,033.5 UTM-E: 592,335.3 UTM-ELEV: 1,134.4 TOTAL DEPTH: 36.4 SECTION:
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
21.3	0001	4A1		0.5-	1
28.3	0002	5B16	&4	0.5-	1
28.9	0003	5B6	?	0.5-	1
30.3	0004	5B6	?	0.5-	1
32.6	0005	4A1	?	0.5-	1
33.8	0006	4L0		0.5-	1
35.9	0007	5B2	?	0.5-	1
36.4	0008	4L1		0.5-	1

DDH: FAGU055 UTM-N: 905,033.5 UTM-E: 592,335.3 UTM-ELEV: 1,134.4 TOTAL DEPTH: 36.4 SECTION:
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU055	0.0	1.5	CS2		0	0	0	0	40	0	0	1	1	1
FAGU055	0.0	6.9	CS2		0	0	0	0	40	0	0	1	1	1
FAGU055	0.0	12.2	CS2		0	0	0	0	50	0	0	1	1	1
FAGU055	0.0	17.5	CS2		0	0	0	0	52	0	0	1	1	1
FAGU055	0.1	21.3	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU055	0.0	22.3	PS2		0	0	0	0	53	0	0	1	1	1
FAGU055	0.0	27.3	PS2		0	0	0	0	45	0	0	1	1	1
FAGU055	0.0	32.6	PS2		0	0	0	0	45	0	0	1	1	1
FAGU055	0.0	35.8	PS2		0	0	0	0	32	0	0	1	1	1
FAGU055	21.3	36.4	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGU055 UTM-N: 905,033.5 UTM-E: 592,335.3 UTM-ELEV: 1,134.4 TOTAL DEPTH: 36.4 SECTION:
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
FAGU055	0.1	21.3	3B			0	0	0	0	0	0	1
FAGU055	28.3	28.9	G			0	0	0	0	0	0	1
FAGU055	28.9	32.6	3B			0	0	0	0	0	0	1
FAGU055	33.8	35.9	G3B			0	0	0	0	0	0	1

DDH: FAGU055 UTM-N: 905,033.5 UTM-E: 592,335.3 UTM-ELEV: 1,134.4 TOTAL DEPTH: 36.4 SECTION:
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU055	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U055

Project: Grum Relog

Location: Vangorda Plateau

Claim:

~~Terr.~~ UTM Plane Co-ords.: 6905033.53 N

592335.26 E

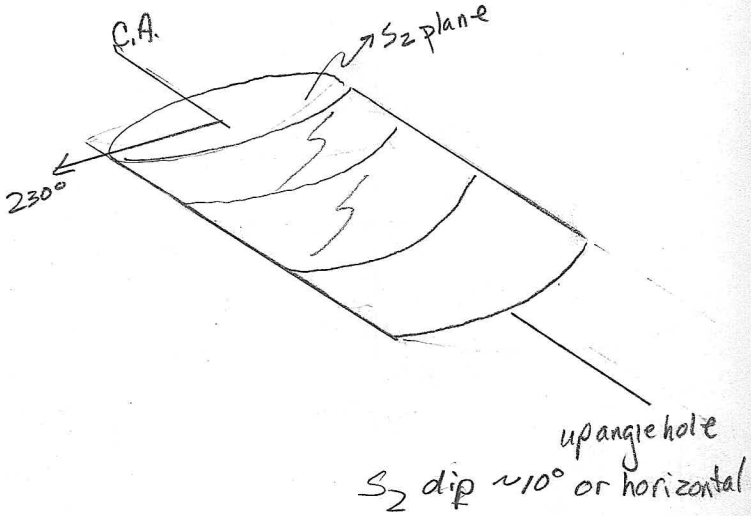
conversions of K-A surveyed grid co-ords

Grid Co-ords.: 74W/

Elevation: 1134.45

Total Depth: 36.4 m

Fabric Orientation Diagram:



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

Purpose:

Logged by: JSM Date(s) Logged: July 29, 1980

Drilling Contractor:

Core:	Size	From	To	Collar Cased and Capped:
	BQ	0	36.4	

Started: 4/2/76 Completed: 4/3/76

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 76-U055

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U055	1134.39	0503305.5	592335.3	METRES

4

233.7 for True North

Code	Drillhole	Depth		Zenith Angle		True Azimuth	Comments
1	2 8	10	14	22	26	28 32	34 56
R	76-U055	0	0	62.9		232.1	AT COLLAR
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	

Code	Drillhole	Comments, Errant Remarks, Snivellings and/or Lewd Suggestions
1	2 8	10 47
		NO SAMPLES

DDH FAGU055 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
	00	213	3B					
	283	289	G					
	289	326	3B					
	338	359	G3B					

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

DDH 76-4055 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	0 0	21 3	1	4A1	2-3% PbZn ? grotty core, not split
L	21 3	218 3	2	5B16	locally 5B4 incipient white mica development
L	218 3	218 9	3	5B16	? gouge
L	218 9	303 3	4	5B16	? broken pebble size recovery
L	303 3	326	5	4A1	? " " " "
L	326	338	6	4L0	
L	338	359	7	5B2	? gouge + pebble sized recovery
L	359	364	8	4L1	

DDH 76-405 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JSM

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		15	CS2			40	Region 0-213
S		69	CS2			40	sym observations are scattered
S		122	CS2			50	
S		175	CS2			52	
S		213	F2	S			P region 213-364 + faults
S		223	PS2			58	
S		273	PS2			45	
S		326	PS2			45	
S		358	PS2			32	
S		364	F2	S			Edit

Note sym observed was S, reversed due to inclination of hole

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER Y. PO

PROPERTY GRUM JOINT VENTURE

D.D.H. No. U-55 PAGE 1/3

LATITUDE 10 826.027 N | 6N 7FW BEARING OF HOLE 233° 40' 23" STARTED APRIL 2, 1976

DEPARTURE 7643.137 E DIP OF HOLE +27° COMPLETED APRIL 3, 1976

ELEVATION 1145.060 m DIP TESTS None DEPTH Proposed: Ultimate: 36.4 m

CLAIM No.

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

HD. = 32.43
V.D. = +16.53 (N61.5° E.)
HOLE - NOT ON LINE OR NOT IN PLANE OF SECTION

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	21.3	QTZ - sulfides. Foliation very distinct 40° (F_2?). F_1 ax. plane parallel to F_2. RUN characterized by broken ground. details													
		0 - 1.5 - Siliceous grdmass w/ sulfide bands parallel to foliation. Pebbles of grdmass in middle of run (could be bx'ted rocks loosely cemented by clay) - no way to measure actual length.	8 5	0.1/1.5	0	1.5									
		1.5 - 3 - Broken grd. Rx type same as previous run. Fragments at around 2-3 m have appearance of shearing	6 4	0.4/1.5	1.5	3.0									
			6 4	0.4/1.6	3.0	4.6									
		3 - 4.6 - FAULT @ 3 - 3.5. Rounded to sub rounded siliceous	8 5	0.6/1.5	4.6	6.1									
		pebbles 1 x 2 cm in ϕ. Solid core show sericitic clay as	6 4	0.6/1.5	6.1	7.6									
		cementing materials. Widely spaced bands of sulfides	6 4	0.8/1.6	7.6	9.2									
		following possible F_1 and cut across F_2.	8 6	1.0/1.5	9.2	10.7									
		4.6 - 6.1 - shearing 4.6 - 5.0 & 6 - 6.1. Vuggy sulfide bands.	8 6	1.1/1.5	10.7	12.2									
		6.1 - 7.6 - Shearing 6.1 - 6.2. Fissile grd. Sericite increasing	8 6	1.4/1.5	12.2	13.7									
		and sulfides confined to widely spaced bands. #	8 6	1.3/1.5	13.7	15.2									
		7.6 - 9.2 Very siliceous. Sulfides in interlacing bands	8 6	1.4/1.5	15.2	16.7									

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG P.Q.

PROPERTY GRUM JOINT VENTURE

D.D.H. No. U-55 PAGE 2/3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: _____

CLAIM No. _____

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		Broken grd @ 8-8.5'.	1.3/1.5		16.7	18.2									
		9.2-10.7 - Relatively competent than previous runs. Sulfides	1.4/1.6		18.2	19.8									
		in bands as well as in limited form of dissemination in grds			19.8	21.3									
		where F_1 approximates F_2													
		10.7-12.2 - same as above													
		12.2-13.7 - Very siliceous. Sulfides in closely spaced bands.													
		13.7-N.2 - Same as preceding run													
		N.2-16.7 - Same as preceding run													
		16.7-18.3 - Same as preceding run													
		18.2-19.8 - Same as preceding run													
		19.8-21.3' Broken grd. 21-21.3 · Marked decrease in sulfide content but have sporadic rich bands in middle part of run													
21.3	22.8	QT2 - SERICITE, SULFIDE Sudden change marked by broken ground (shearing?) in 21.3. Run is almost all pebble size fragments. Foliation ~30° F_1 (?) shown by unbroken portion of core.	0.8/1.5												
22.8	35	Essentially same rx type as above preceding interval. Short in-													

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER Y. PO

PROPERTY GRUM JOINT VENTURE

D.D.H. No. U-55 PAGE 3/3

LATITUDE _____ BEARING OF HOLE _____ STARTED APRIL 2, 1970

DEPARTURE _____ DIP OF HOLE _____ COMPLETED APRIL 5/70

ELEVATION _____ DIP TESTS _____ Proposed: DEPTH Ultimate: 36.4 m

Hole stop - not on line or in plane of section

CLAIM No. _____

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		terval of calcitic bleached phyllite. Foliation ∿30° most probably													
		F_2 (because of regular clean surface). F_1 not clearly indicated.													
		Intervals of sulfide rich ground - detail below.													
		22.8 - 24.3 - QTz sericite. Broken core 0.8/1.5 Barren core													
		24.3 - 25.9 - same as preceding run 0.8/1.6 Barren core													
		25.9 - 27.4 - Bleached phyllite 25.9 ∿ 26 0.8/1.5 Barren core													
		27.4 - 28.9 - FAULT 28. ∿ 28.9 - QTz - phyllite fragments													
		cemented by sticky gouge and sericite flakes. 0.8/1.5													
		28.9 - 30.4 - ENTIRE RUN IS Broken core - pebble size.													
		Minor showing of sulfides. 0.2/1.5													
		30.4 - 31.1 - Broken QTz - sericite SULFIDES: Py:8 Zn:6	0.1/0.7		30.4	31.1									
		31.1 - 32 - Same as preceding run	0.9/0.9		31.1	32.0									
		32 - 33.5 - Bleached phyllite @ 32.5 - 33.5	0.5/1.5		32	33.5									
		33.5 - 35 - Bleached phyllite calcitic fr. 33.5 ∿ 34. Gouge	0.9/1.5		33.5	35									
		FAULT @ 34 - 35.													
		35 - 36.4 Broken core, - continuation of fault from preceding run	0.9/1.4												
		till middle of run. Followed by bleached phyllite.													

DDH: FAGU055 -- 42 DEGREE PROFILE

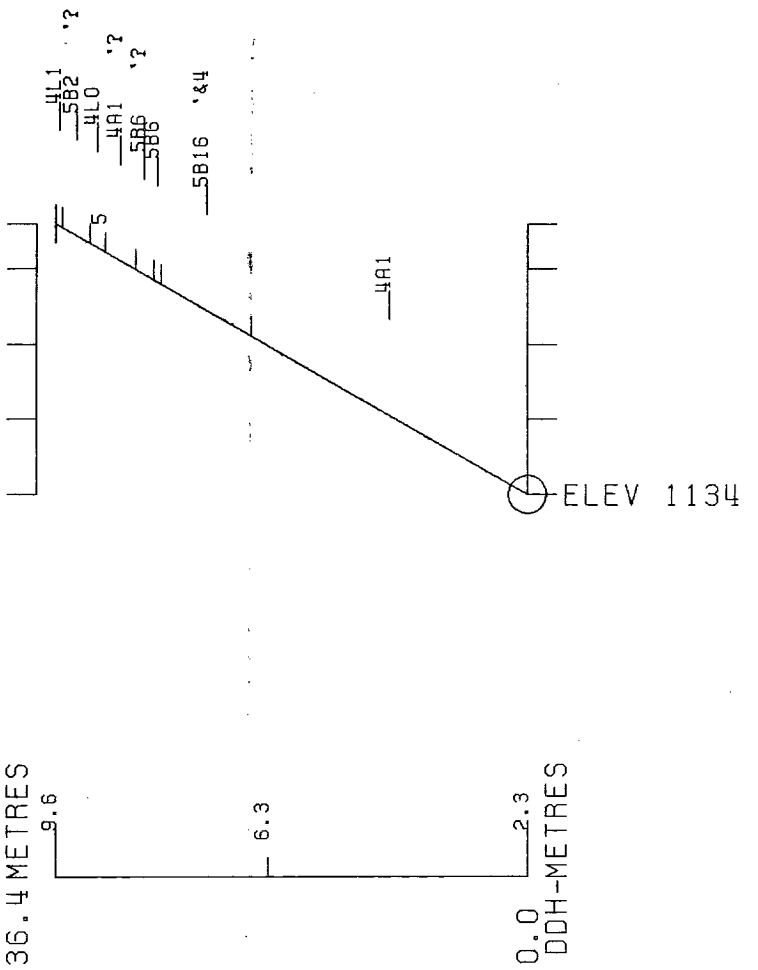
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1134 . 592335E ; 905034N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 550.1 Z = 1134.9

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 NOV 1984 10:26 AM

DDH: FAGU055 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

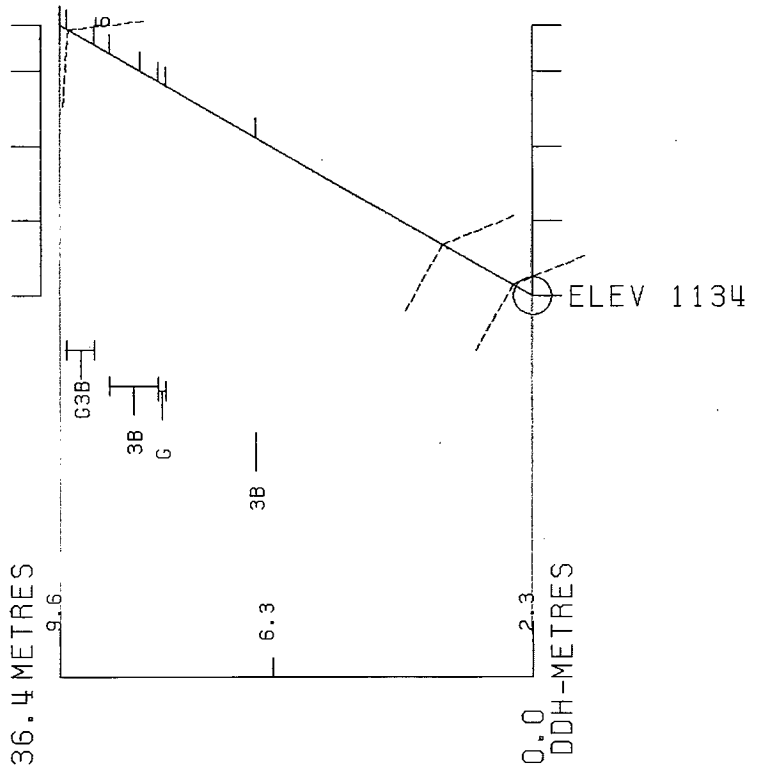
ELEV:1134 592335E ; 905034N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 550.1 Z = 1134.9

SECTION NAME: 74W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 2 NOV 1984 10:25 AM



DRILL HOLE : FAGU056
NORTHING : 905,033.5
EASTING : 592,335.3
ELEVATION : 1,135.5
TOTAL DEPTH : 61.0
SECTION : W 74
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 15
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 19
NOS DOWN-H-STRUCTURE: 15
NOS DOWN-H-FAULTS: 6
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU056 UTM-N: 905,033.5 UTM-E: 592,335.3 UTM-ELEV: 1,135.5 TOTAL DEPTH: 61.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	3.1	08565	3.1	1.2	4LA1	2.71	.03	1.40	2.50	26.00		.55		6	6						
3.1	6.2	08566	3.1	3.1	4LA1	2.84	.06	.49	1.87	15.00	15.00	.55	1	6	7						
6.2	9.3	08567	3.1	3.1	4LA1	3.01	.04	1.25	4.00	25.00		.82	1	4	6						
9.3	12.3	08568	3.0	3.0	4LA1	3.08	.08	1.18	3.20	28.00		.62	1	7	8						
12.3	15.3	08569	3.0	3.0	4LA1	3.14	.02	1.25	3.80	28.00		.55	1	9	10						
15.3	18.3	08570	3.0	3.0	4LA1	3.14	.03	1.71	3.00	39.00		.69	1	9	10						
18.3	21.3	08571	3.0	2.1	4LA1	3.50	.05	1.97	3.70	31.00		.69	1	3	4						
21.3	24.3	08572	3.0	1.3	4A1	3.11	.04	1.09	2.20	23.00		.41	1	2	4						
45.4	47.7	08573	2.3	2.3	4A3	3.51	.07	1.23	2.30	26.00		.62	1	11	12						
47.7	50.1	08574	2.4	2.4	4A3	2.92	.05	.72	1.13	16.00		.48		7	8						
50.1	50.6	08575	.5	.5	4CL	2.86	.01	.19	.19	6.00		.21	5	1	6						
50.6	51.3	08576	.7	.5	5D4	2.84	.03	.14	.11	5.00		.27	4		5						
51.3	52.3	08577	1.0	1.0	4L14	3.23	.03	2.40	2.10	27.00	29.00	.48	1	1	3						
52.3	53.3	08578	1.0	1.0	4A14	3.06	.04	5.50	6.50	60.00		1.44	1	4	5						
53.3	55.5	08579	2.2	2.2	4A4	3.01	.04	3.30	6.50	42.00		.69	1	5	6						
WEIGHTED AVERAGE																					
.0	24.3		24.3	19.8		3.06	.04	1.28	3.03	26.81	1.91	.61	1	5	7						
45.4	55.5		10.1	9.9		3.11	.04	1.97	3.07	28.12	2.87	.62	1	6	7						

DDH: FAGU056 UTM-N: 905,033.5 UTM-E: 592,335.3 UTM-ELEV: 1,135.5 TOTAL DEPTH: 61.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	62.000	223.700

DDH: FAGU056 UTM-N: 905,033.5 UTM-E: 592,335.3 UTM-ELEV: 1,135.5 TOTAL DEPTH: 61.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
21.3	0001	4A1	(4L1) [4A (4CL)]	0.5-	1
22.8	0002	5B6?		0.5-	1
24.3	0003	4A1		0.5-	1
25.9	0004	5B6?	(4A3)	0.5-	1
31.9	0005	5B6		0.5-	1
33.5	0006	4L1	(5D4*)	0.5-	1
34.7	0007	4L4	(4L41) (5D4*)	0.5-	1
36.0	0008	4L1	5 MINOR	0.5-	1
38.2	0009	5B6	(5B62)	0.5-	1
41.3	0010	4L1		0.5-	1
45.7	0011	5D4*	(5C4*)	0.5-	1
50.1	0012	4A3		0.5-	1
50.6	0013	4L1	[4CL]	0.5-	1
51.3	0014	5D4*		0.5-	1
52.3	0015	4L14		0.5-	1
53.3	0016	4A14	[4A PHYLL]	0.5-	1
55.5	0017	4A4		0.5-	1
56.9	0018	4L14	[4CL]	0.5-	1
61.0	0019	5D4*		0.5-	1

DDH: FAGU056 UTM-N: 905,033.5 UTM-E: 592,335.3 UTM-ELEV: 1,135.5 TOTAL DEPTH: 61.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU056	0.0	4.3	CS2		0	0	0	0	37	230	0	1	1	1
FAGU056	0.0	9.6	CS2		0	0	0	0	34	230	0	1	1	1
FAGU056	0.0	16.5	CS2		0	0	0	0	45	230	0	1	1	1
FAGU056	0.0	20.1	CS2		0	0	0	0	43	230	0	1	1	1
FAGU056	0.1	24.3	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU056	0.0	29.1	PS2		0	0	0	0	11	230	0	1	1	1
FAGU056	0.0	35.1	PS2		0	0	0	0	42	230	0	1	1	1
FAGU056	0.0	41.7	PS2		0	0	0	0	29	230	0	1	1	1
FAGU056	0.0	45.3	PS2		0	0	0	0	39	230	0	1	1	1
FAGU056	24.3	45.7	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU056	0.0	52.1	CS2		0	0	0	0	25	230	0	1	1	1
FAGU056	45.7	55.5	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU056	0.0	58.5	PS2		0	0	0	0	37	230	0	1	1	1
FAGU056	0.0	60.3	PS2		0	0	0	0	40	230	0	1	1	1
FAGU056	55.5	61.0	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGU056 UTM-N: 905,033.5 UTM-E: 592,335.3 UTM-ELEV: 1,135.5 TOTAL DEPTH: 61.0 SECTION: W 74
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
FAGU056	21.3	22.8	FR	0		0	0	0	0	0	0	1
FAGU056	22.8	24.3	B			0	0	0	0	0	0	1
FAGU056	24.3	25.9	G			0	0	0	0	0	0	1
FAGU056	25.9	27.3	1S			0	0	0	0	0	0	1
FAGU056	40.5	40.7	S			0	0	0	0	0	0	1
FAGU056	43.2	43.3	G			0	0	0	0	0	0	1

DDH: FAGU056 UTM-N: 905,033.5 UTM-E: 592,335.3 UTM-ELEV: 1,135.5 TOTAL DEPTH: 61.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU056	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-V056

Project: GRUM RELOG

Location: VANGORDA PLATEAU

Claim:

UTM Terr. Plane Co-ords.: 6,905,033.49 N

592,335.31 E

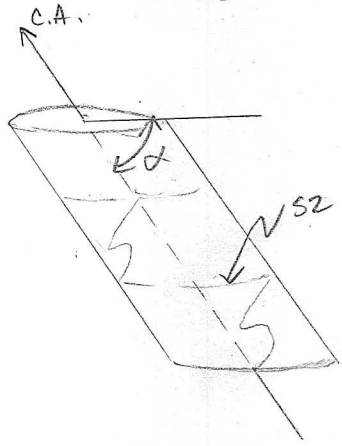
(conversion of K-A surveyed grid co-ords)

Grid Co-ords.: 74W/6N

Elevation: 1135.52

Total Depth: 61.0 m.

Fabric Orientation Diagram:



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

Purpose:

Logged by: PN (RE)

Date(s) Logged: AUG. 13/80

Drilling Contractor:

Core: Size	From	To
BQ	0	EOH

Collar Cased and Capped:

Started: APR. 3/76 Completed: APR. 3/76

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 76-U056

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U056	1135.5	9050333.5	592335.3	METRES

223.7 for True North

Code	Drillhole	Depth		Zenith Angle		True Azimuth	Comments
1	2 8	10 14		22 26		28 32	34 56
R	76-U056	0	0	62.0	0	222.1	ATCOLLAR
R		.		.		.	
R		.		.		.	
R		.		.		.	
R		.		.		.	
R		.		.		.	
R		.		.		.	
R		.		.		.	
R		.		.		.	
R		.		.		.	
R		.		.		.	
R		.		.		.	
R		.		.		.	
R		.		.		.	
R		.		.		.	

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

DDH FAG0056 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
	213	228	FR	0				
	228	243	R					
	243	259	G					
	259	273	LS					
	405	407	S					
	432	433	G					

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

DDH 76-U056

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: [redacted]

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	10 0	12 3	1	4LA	[4L1] → w/ 4CL interbands; 1-4% PbZn; minor calcite & ankerite tension crack fillings; 4CL grading back & forth into 4LA; (phyll. 4A) minor graphite in 4CL in parts; very siliceous
L	21 3	32 8	2		(0.1m rec.) fault zone(?) very poor recovery; siliceous pebbles w/ minor sulphides + grey phyllite; 5B6?
L	22 8	24 3	3	4A1	< 5% PbZn; broken core;
L	24 3	25 9	4	5B6	gouge; 4A3 from 24.5 – 24.8, 25.8 – 25.9 m;
L	25 9	31 9	5	5B6	slightly sheared 25.9 – 27.3 m; 10% PbZn 27.8 – 28.2 m; numerous qtz veins w/ minor py;
L	31 9	33 5	6	4L1	minor qtz lenses & py; non-calcareous bleached buff 5D4 32.1 – 32.3, 32.4 – 32.5 m; 33.0 – 33.5 m 5B6;
L	33 5	34 7	7	4L4	7% PbZn; 4L41; bleached buff slightly calcareous 5D4 w/ manganosite & py 34.2 – 34.7 m;
L	34 7	36 0	8	4L1	very slightly calcareous; 2% PbZn; py tension crack fillings;
L	36 0	38 2	9	5B6	5B62; minor py – qtz – ankerite tension crack fillings; somewhat siliceous; dk. grey colour;
L	38 2	41 3	10	4L1	minor py; numerous qtz bands & veins; sheared 40.5 – 40.7 m;
L	41 3	45 7	11	5D4	bleached buff-orange colour w/ minor manganosite & py; slightly calcareous; mottled with 5Cmot manganosite 43.9 – 44.8 m; 45.4 – 45.7 m. 4D4 (8% PbZn) w/ minor sericitic inclusions; gouge 43.2 – 43.3 m;
L	45 7	50 1	12	4A3	2% PbZn;
L	50 1	50 6	13	4CL	< 2% PbZn; [4L1]
L	50 6	51 3	14	5D4	bleached buff, calcareous w/ minor py;
L	51 3	52 3	15	4L4	4[illegible]; 5% PbZn;
L	52 3	53 3	16	4A1	5% PbZn; 4A14; or 4A phyllitic
L	53 3	55 5	17	4A4	8% PbZn;
L	55 5	56 9	18	4L1	4[4CL]; 10% PbZn;
L	56 9	61 0	19	5D4	bleached, yarning in colour from buff white to buff-tan; w/ manganosite & py; calcareous; minor qtz bands;
		501H			

DDH 76-V056

Cyprus Anvil Mining Corp.

Structural Log

Logged By: PN

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		43	CS12			37 2310	
S		96	CS12			34 2310	
S		165	CS12			45 230	
S		201	CS12			43 230	
S		243	FZS				P regim 24.3 – 38.2m; minn S sym
S		291	PS12			11 230	
S		351	PS12			42 230	
S		382	FZP				R regim 38.2 – 45.7m;
S		417	PS12			29 2310	
S		453	PS12			39 2310	
S		457	FZR				S sym 45.7 – 55.5m; minn R regims;
S		521	CS12			25 2310	
S		555	FZS				R regim 55.5 – 61.0m;
S		585	PS12			37 2310	
S		603	PS12			40 2310	
		EOH					

DDH EAG4056 (2–8) 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	KA
1	10–14	16–20	22–26	28–30	32–34	36–40	42	
P	100	131	85665	31	12	4LA1	(4CL)	2139
P	131	162	85666	31	31	4LA1	(4CL)	2140-1
P	162	193	85667	31	31	4LA1	(4CL)	2142-3
P	193	123	85668	30	30	4LA1	(4CL)	2144-5
P	123	153	85669	30	30	4LA1	(4CL)	2146-7
P	153	183	85670	30	30	4LA1	(4CL)	2148-9
P	183	213	85671	30	21	4LA1	(4CL)	2150-1
P	213	243	85672	30	13	4A1		
P	454	477	85673	23	23	4AB1	(4D4)	252
P	477	501	85674	24	24	4AB1	(4D4)	253-4
P	501	506	85675	05	05	4CL1	+ SD4	255
P	506	513	85676	07	05	5DH1		
P	513	523	85677	10	10	4L1.4	[4CL4]	256
P	523	533	85678	10	10	4A1.4		
P	533	555	85679	22	22	4AH1		257-8

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO D.D.H. Nº 76 U56 PAGE 1 of 4

PROPERTY GRUM JOINT VENTURE

LATITUDE 10 825.996 6N STARTED April 3 1976

DEPARTURE 7643 .189 74W COMPLETED April 3 1976

ELEVATION 1146.126M PROPOSED DEPTH 61 m

ULTIMATE DEPTH

HOLE SURVEY:		
DEPTH	BEARING	DIP
Collar	223°41'55"	+28°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION			Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	21.3	QTZ - SULPHIDE Very siliceous. Foliation 10 - 15° with ~~bands of sulphides (most probably F_2) S-shaped foliations~~ with axial plane parallel to F_2 also with accompanying sulphides ($f_1$0) some of the sulphide bands have vuggy characteristics and local concentration of sph...Details															
			Py	Zn													
		0-1.8 Broken core - pebble size sulphides showing			0.1/1.8	-	0	1.8									
		1.8 - 3.0 Shear @ 2.5 - 3.0 - friable	8	3	0.5/1.2	2139	1.8	3.0	1.2	1.38	1.73	21.26			1.656	2.076	25.512
		sericitic clay with pebbly qtz.	10	5	1.0/1.5	2140	3.0	4.5	1.5	0.90	1.85	19.20			1.35	2.775	28.8
		3.0 - 4.5 Very siliceous Local concentration	10	6	1.5/1.6	2141	4.5	6.1	1.6	0.40	1.90	10.77			0.64	3.04	17.232
		of sulphides in widely spaced bands	10	6	1.2/1.5	2142	6.1	7.6	1.5	0.75	2.98	15.09			1.125	4.47	22.635
		1 - 2 cm in thickness															
		4.5 - 6.1 Same as preceding run	20	8	1.3/1.5	2143	7.6	9.1	1.5	1.75	4.55	31.20					
		6.1 - 7.6 Same as preceding run	20	8	1.3/1.5	2144	9.1	10.6	1.5	1.33	3.30	30.17			1.995	4.95	45.255
		7.6 - 9.1 Relatively more sulphides than	20	8	1.3/1.5	2145	10.6	12.1	1.5	1.35	3.53	26.40			2.025	5.295	39.60
		previous run															
		9.1 - 10.6 Same as preceding run	20	8	1.3/1.6	2146	12.1	13.7	1.6	1.38	4.20	30.17			2.208	6.72	48.272
		10.6 - 12.1 Same as preceding run	20	8	1.5/1.5	2147	13.7	15.2	1.5	1.48	3.73	29.14			2.22	5.595	43.71
		12.1 - 13.7 Same as preceding run Broken core	20	8	1.3/1.5	2148	15.2	16.7	1.5	1.15	2.68	25.37					

LOGGED BY ALEXANDER Y. PO D.D.H. Nº 76 U 56 PAGE 2 of 4

Interval From	Interval To	DESCRIPTION	Py	Zn	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		@ 13.8 - 13.9															
		13.7 - 15.2 Same as preceding run broken core	20	8	0.9/1.5	2149	16.7	18.2	1.5	2.43	4.85	46.29			3.645	7.275	69.435
		@ 15.2 - 15.4															
		15.2 - 16.7 Same as preceding run Nose at 15.8	20	8	1.0/1.6	2150	18.2	19.8	1.6	1.78	3.53	32.23			2.848	5.648	51.568
		with sulphides enveloping foliation	20	8	0.8/1.5	2151	19.8	21.3	1.5	3.23	3.75	32.23			4.845	5.625	48.345
		16.7 - 18.2 Same as preceding run															
		18.2 - 19.8 Vuggy sulphide bands in middle of run															
		19.0 - 19.7 Together with shear zone				WtAv	1.8	7.6	5.8	0.82	2.13	16.24			4.771	12.361	94.179
		19.8 - 21.3 Broken core @ 21.3				"	9.1	15.2	6.1	1.39	3.69	28.99			8.448	22.560	176.83
21.3	22.8	FAULT ZONE (?) Core is completely chewed up. What remain			0.05/1.5	"	16.7	21.3	4.6	2.46	4.03	36.8			11.338	18.548	169.34
		are pebbles of sub rounded qtz. and loose sericite flakes															
22.8	24.3	BROKEN CORE: QTZ SER with minor indication of sulphides			0.2/1.5												
24.3	25.9	FAULT Thick sticky gouge with small (0.5 - 1 cm Ø) qtz. -															
		phyllite fragments. Solid core show qtz. - sulphide -			0.3/1.6												
		sericite contact bet gougy material and solid core is 10^{o} - 20^{o}															
25.9	27.4	QTZ.-SERICITE: Sticky gouge (FAULT)26.9 - 27.3			0.9/1.5												
27.4	32	QTZ - Sericite phyllite with minor showing of sulphides in															
		clots associated with qtz. Foliation 15^{o} - 20^{o} with regularly spaced laminae (F_2) DETAILS															
		27.4 - 28.9 Sticky gouge (FAULT) 27.4 - 27.6			1.1/1.5												
		28.9 - 30 Competent QTZ - sericite phyllite with sporadic			1.1/1.1												
		clots of sulphides															

LOGGED BY ALEXANDER Y. PO D.D.H. No 76 U56 PAGE 3 of 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample No	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		30 - 32 Same as preceding run but gradually changing to	1.6/2.0												
		bleached phyllite at 31.9 FAULT at 30 - 30.5 thick													
		sticky gouge with qtz pebbles.													
32	36.5	Bleached phyllite with minor sulphide showing where shearing													
		occurs													
		32 - 33.5 - Bleached phyllite with minor bull qtz. intercepts	0.9/1.5												
		33.5 - 35 Shear at 33.5 - 34 w/sericite clay and sulphide	1.1/1.5												
		showings													
		35 - 36.5 Bleached phyllite from 35 - 36 and change to qtz.	1.4/1.5												
		ser. sharp contact marked by 15^{o} shear													
36.5	38.1	QTZ. SER. Foliation - 10^{o} (F_2) F_1 ax. pl. parallel w/F_2	1.4/1.6												
38.1	44.2	Bleached phyllite Intervals of calcitic-chloritic parts w/													
		fuchsite. Clots of sulphides asso w/qtz F_2 - 15^{o}, F_1 not clearly visible. DETAILS													
		38.1 - 39.6 FAULT w/sticky thick gouge @ 39	1.0/1.5												
		39.6 - 41.1 Broken Grd. 39 - 40	0.8/1.5												
		41.1 - 42.6 Broken Grd. Notable amount of bull qtz. some													
		w/sulphides	0.8/1.5												
		42.6 - 44.2 Greenish spots (mottled) of chlorite together													
		w/bluish green fuchsite in bleached calcitic grd mass Sporadic showing of sul. in widely spaced	1.4/1.6												
		intervals.													
44.2	45.7	FIRST half of run is bleached phyllite. w/prominent foliation	1.4/1.5												
		marked by dark green chlorite. Foliation F_1 - $3o^{0}$ and is-													

LOGGED BY ALEXANDER Y. PO D.D.H. NO 76 U56 PAGE 4 of 4

Interval From	Interval To	DESCRIPTION	Py	Zn	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		off setted by F_2 - 30 in opposite hade direction. This then															
		grades into intervals of sulphide rich bands and bleached phyllite at 45.															
			Py	Zn													
		4.5 - 47.2 QTZ SER Phyllite w/short intervals	20	8	1.8/2.2	2152	4.5	47.2	2.2	2.30	3.60	37.37					
		of bleached phyllite bet. 45 - 45.7	10	6	1.1/1.5	2153	47.2	48.7	1.5	0.80	1.55	20.23			1.20	2.325	30.345
		F_1 laminae - 90° F_2 - 40 - 45°	10	6	1.0/1.5	2154	48.7	50.2	1.5	0.90	1.28	15.09			1.35	1.92	22.635
47.2	56.3	QTZ SULPHIDE w/short intervals of bleached phyl.	8	4	1.4/1.6	2155	50.2	51.8	1.6	1.62	0.88	18.17			2.592	1.408	29.072
		Bands of sulphide rich parts are prominently	15	8	1.3/1.5	2156	51.8	53.3	1.5	4.25	4.35	49.37			6.375	6.525	74.055
		following F_1 foliations - 45°	20	8	1.1/1.5	2157	53.3	54.8	1.5	3.60	7.77	41.49			5.40	11.655	62.235
		47.2 - 48.7 See general description	15	6	1.0/1.5	2158	54.8	56.3	1.5	3.00	5.84	37.37					
		48.7 - 50.2 Same as preceding run															
		50.2 - 51.8 Bleached phyllite @ 50.3 - 51															
		51.8 - 53.3 Very siliceous Zn rich band @ 53.2				W Av	47.2	51.8	4.6	1.12	1.23	17.83			5.142	5.653	82.052
		53.3 - 54.8 Broken grd. at 54.7 - 54.8				"	51.8	56.3	4.5	3.62	5.98	42.74			16.275	26.940	192.345
		54.8 - 56.3 Breccia healed by qtz. @ 56 - 56.2				"	53.3	56.3	3.0	3.30	6.81	38.43			9.90	20.415	118.290
56.3	61	Bleached phyllite. Partly calcitic-chloritic Bluish green															
		fuchsite prominent															
		56.3 - 57.9 - BROKEN GRD @ 56.3 - 57			1.0/1.6												
		57.9 - 59.4 - Shear 58 - 58.1 Prominent dark green chlorite			1.1/1.5												
		59.4 - 6.1 - Calcitic Sporadic minor clots of sulphides towards end of run			1.0/1.6												
61		END OF HOLE - in WASTE MATERIALS															

DDH: FAGU056 -- 42 DEGREE PROFILE

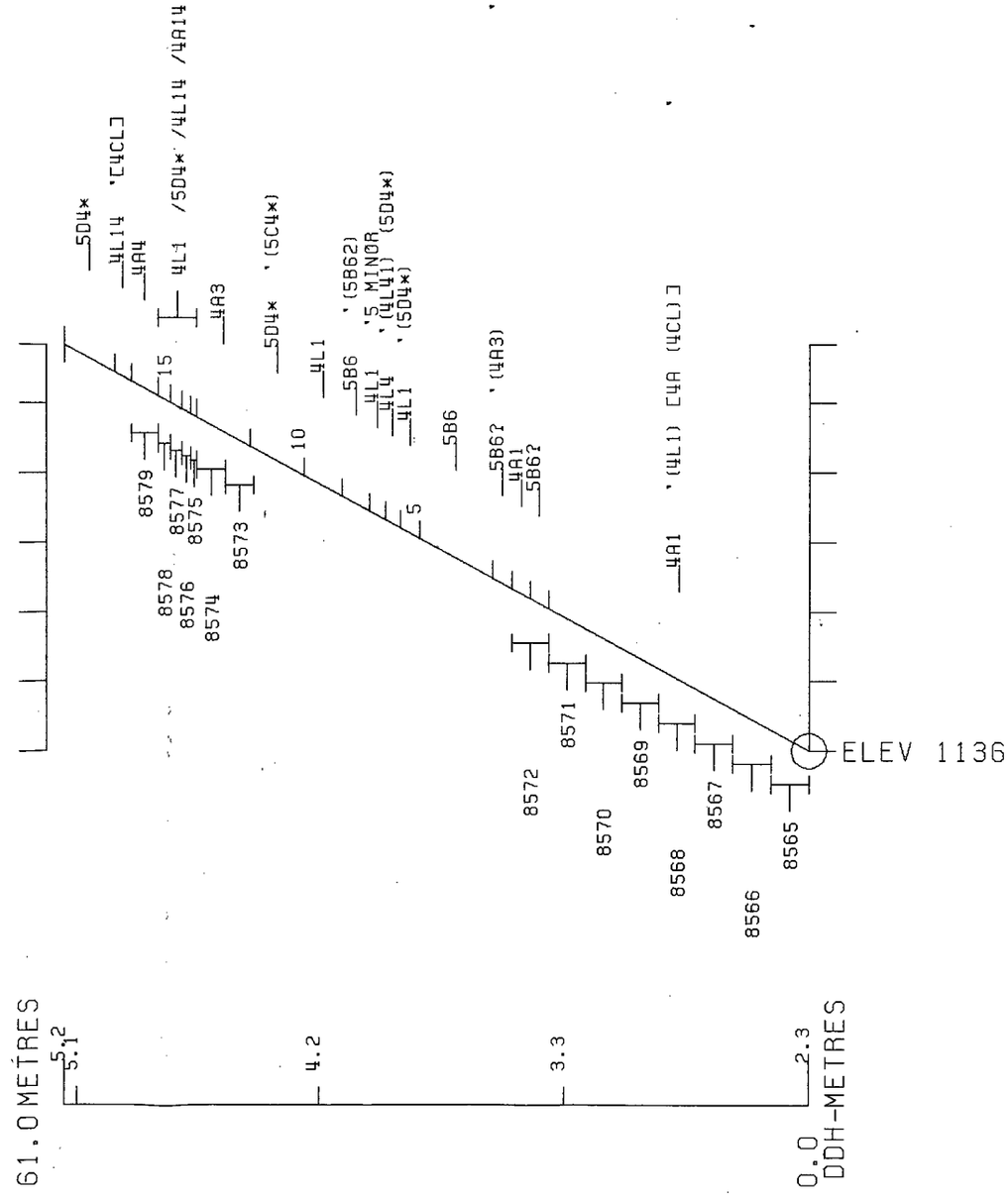
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1136 592335E ; 905034N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 550.1 Z = 1135.9

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 NOV 1984 10:28 AM

DDH: FAGU056 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

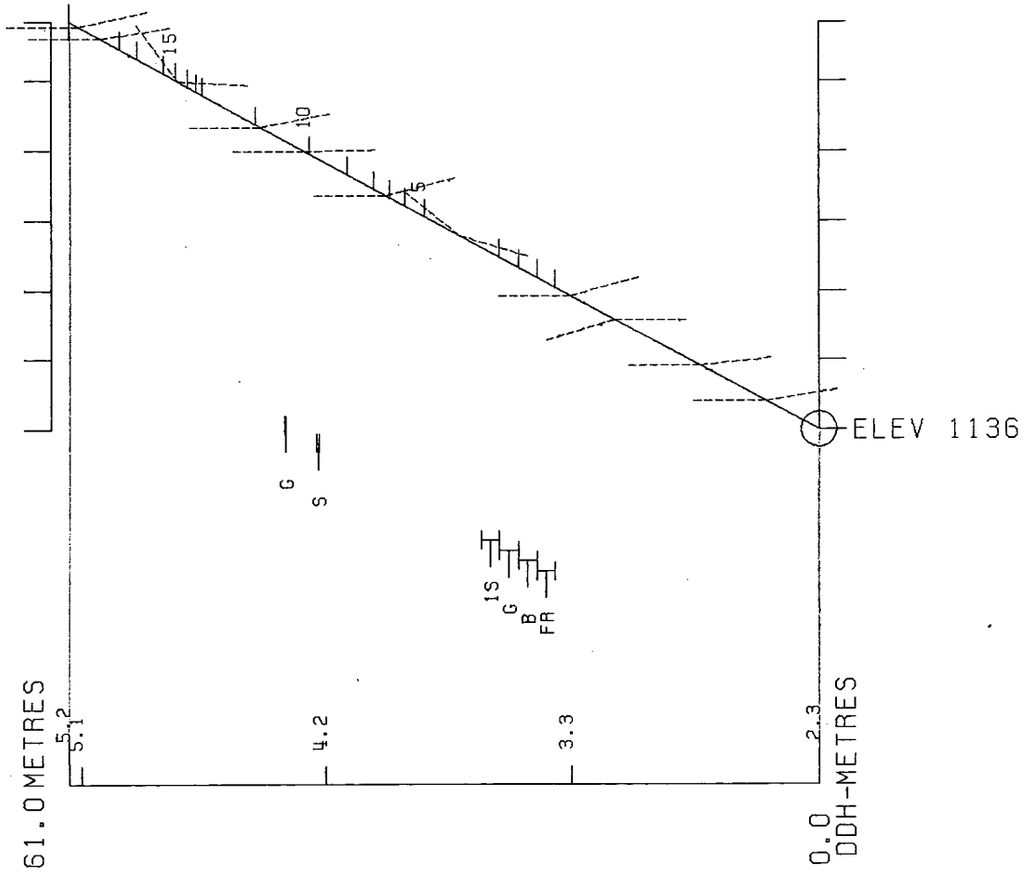
ELEV:1136 592335E ; 905034N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 550.1 Z = 1135.9

SECTION NAME: 74W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 2 NOV 1984 10:27 AM



DRILL HOLE : FAGU057
NORTHING : 905,033.4
EASTING : 592,335.2
ELEVATION : 1,133.2
TOTAL DEPTH : 53.3
SECTION : W 74
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: 27
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 9
NOS DOWN-H-STRUCTURE: 16
NOS DOWN-H-FAULTS: 15
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU057 UTM-N: 905,033.4 UTM-E: 592,335.2 UTM-ELEV: 1,133.2 TOTAL DEPTH: 53.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	1.8	08891	1.8	1.1	4DO	3.23	.03	1.92	3.90	41.00		.96		8	9						
1.8	3.8	08892	2.0	1.9	4A14	3.04	.03	1.74	3.50	35.00		.82		2	3						
3.8	5.8	08893	2.0	2.0	4A1	2.96	.03	.81	1.90	15.00		.69		5	6						
5.8	7.2	08894	1.4	1.2	4A1	2.96	.04	1.19	3.00	20.00		.96	1	2	4						
7.2	8.8	08895	1.6	1.6	4DO	3.18	.07	1.65	4.30	31.00		.82	1	8	9						
11.6	13.2	08896	1.6	1.2	4DO	3.02	.05	1.74	4.60	28.00		.48	2	2	4						
13.2	15.2	08897	2.0	1.7	4A1	2.99	.03	1.41	3.30	22.00		.48	1	1	2						
15.2	17.2	08898	2.0	2.0	4A1	3.00	.04	1.81	.55	35.00		.55	2	1	3						
17.2	19.2	08899	2.0	.8	4A14	2.96	.05	1.95	6.30	38.00		1.03	1		2						
19.2	21.4	08900	2.2	1.3	4A14	2.96	.03	1.85	3.40	30.00	36.00	.62	2	2	4						
21.4	22.8	09151	1.4	1.3	4DO	2.97	.08	3.40	5.70	52.00		.82	1	3	4						
22.8	24.7	09152	1.9	1.9	4A14	2.86	.03	2.60	5.20	39.00		.55	1	1	2						
24.7	26.7	09153	2.0	.7	4A14	2.81	.02	.63	3.40	12.00		.48			1						
26.7	28.7	09154	2.0	1.6	4A14	2.97	.05	3.60	7.10	60.00		.55	2	1	3						
28.7	30.3	09155	1.6	1.6	4A1	2.80	.01	.82	2.60	15.00		.34	1		1						
30.3	32.3	09156	2.0	1.5	4A14	2.96	.02	3.10	5.50	47.00		.48	1		2						
32.3	34.3	09157	2.0	2.0	4A1	2.81	.02	1.04	2.60	17.00		.41	1		1						
34.3	36.3	09158	2.0	2.0	4A1	2.86	.02	.92	1.52	15.00		.34	1	1	2						
36.3	38.3	09159	2.0	1.9	4A1	2.91	.02	1.05	1.76	15.00	18.00	.41	1	1	2						
38.3	40.3	09160	2.0	1.9	4A1	2.84	.02	.58	1.07	9.00		.55	1	1	3						
40.3	42.3	09161	2.0	2.0	4A1	2.79	.01	1.65	1.68	24.00		.41	1		2						
42.3	44.3	09162	2.0	2.0	4A1	2.88	.07	.54	.80	11.00		.75	1	5	6						
44.3	46.3	09163	2.0	1.5	4A1	2.94	.10	.66	.73	14.00		.34	1	7	8						
46.3	48.3	09164	2.0	2.0	4A1	2.86	.08	.52	.65	10.00		.27	1	5	6						
48.3	50.3	09165	2.0	.5	4A1	2.87	.10	.43	.53	9.00		.14	2	5	7						
50.3	52.3	09166	2.0	1.5	4A1	2.96	.12	.64	.57	14.00		.34	2	8	10						
52.3	53.3	09167	1.0	.7	4A1	3.01	.03	1.77	1.29	26.00		.55	1	3	5						
WEIGHTED AVERAGE																					
.0	8.8		8.8	7.8		3.07	.03	1.46	3.28	28.56		.84	1	5	6						
11.6	53.3		41.7	33.6		2.90	.04	1.45	2.74	24.26	2.76	.49	1	2	4						

DDH: FAGU057 UTM-N: 905,033.4 UTM-E: 592,335.2 UTM-ELEV: 1,133.2 TOTAL DEPTH: 53.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	118.200	220.300

DDH: FAGU057 UTM-N: 905,033.4 UTM-E: 592,335.2 UTM-ELEV: 1,133.2 TOTAL DEPTH: 53.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.8	0001	4C0		0.5-	1
7.2	0002	4A1	PHYLLITIC	0.5-	1
8.8	0003	4C0		0.5-	1
11.6	0004	5C4*		0.5-	1
13.2	0005	4C0	SERICITIC [4B4]	0.5-	1
21.4	0006	4A1	PHYLLITIC [5B19]	0.5-	1
22.8	0007	4C0	SERICITIC [4B4]	0.5-	1
28.7	0008	4A14	PHYLLITIC [5B1 -> 5B19]	0.5-	1
53.3	0009	4A1	PHYLLITIC [5B1 -> 5B19]	0.5-	1

DDH: FAGU049 UTM-N: 905,033.4 UTM-E: 592,335.2 UTM-ELEV: 1,133.9 TOTAL DEPTH: 82.2 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	89.200	222.700

DDH: FAGU057 UTM-N: 905,033.4 UTM-E: 592,335.2 UTM-ELEV: 1,133.2 TOTAL DEPTH: 53.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU057	0.0	3.0	CS2		0	0	0	0	55	230	0	1	1	1
FAGU057	0.0	7.9	CS2		0	0	0	0	27	230	0	1	1	1
FAGU057	0.0	12.0	CS2		0	0	0	0	32	230	0	1	1	1
FAGU057	0.1	15.2	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU057	0.0	16.7	CS2		0	0	0	0	38	230	0	1	1	1
FAGU057	0.0	21.4	CS2		0	0	0	0	57	230	0	1	1	1
FAGU057	15.2	21.5	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU057	0.0	25.8	CS2		0	0	0	0	47	230	0	1	1	1
FAGU057	0.0	30.0	CS2		0	0	0	0	48	230	0	1	1	1
FAGU057	0.0	35.0	CS2		0	0	0	0	44	230	0	1	1	1
FAGU057	0.0	39.8	CS2		0	0	0	0	50	230	0	1	1	1
FAGU057	0.0	45.6	CS2		0	0	0	0	53	230	0	1	1	1
FAGU057	21.5	45.7	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU057	0.0	50.3	CS2		0	0	0	0	40	230	0	1	1	1
FAGU057	0.0	53.3	CS2		0	0	0	0	40	230	0	1	1	1
FAGU057	45.7	53.3	CS2	S	0	0	0	0	0	0	0	1	1	1

DDH: FAGU057 UTM-N: 905,033.4 UTM-E: 592,335.2 UTM-ELEV: 1,133.2 TOTAL DEPTH: 53.3 SECTION: W 74
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
FAGU057	0.0	13.2	1GX			0	0	0	0	0	0	1
FAGU057	16.7	18.4	3B			0	0	0	0	0	0	1
FAGU057	0.0	19.8	B			0	0	0	0	0	0	1
FAGU057	0.0	21.3	B			0	0	0	0	0	0	1
FAGU057	0.0	24.3	B			0	0	0	0	0	0	1
FAGU057	25.9	27.4	BP	3		0	0	0	0	0	0	1
FAGU057	0.0	33.0	G			0	0	0	0	0	0	1
FAGU057	0.0	35.1	G			0	0	0	0	0	0	1
FAGU057	0.0	40.3	1G			0	0	0	0	0	0	1
FAGU057	0.0	40.7	1G			0	0	0	0	0	0	1
FAGU057	0.0	45.7	1B			0	0	0	0	0	0	1
FAGU057	0.0	47.0	G			0	0	0	0	0	0	1
FAGU057	0.0	47.2	1B			0	0	0	0	0	0	1
FAGU057	0.0	51.8	1B			0	0	0	0	0	0	1
FAGU057	0.0	53.1	G			0	0	0	0	0	0	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U057

Project: GRUM RELOG

Location: VANGORDA PLAT

Claim: _____

UTM Terr. Plane Co-ords.: 6,905,033.4 N

592,335.2 E

converted by K-A surveyed grid co-ords

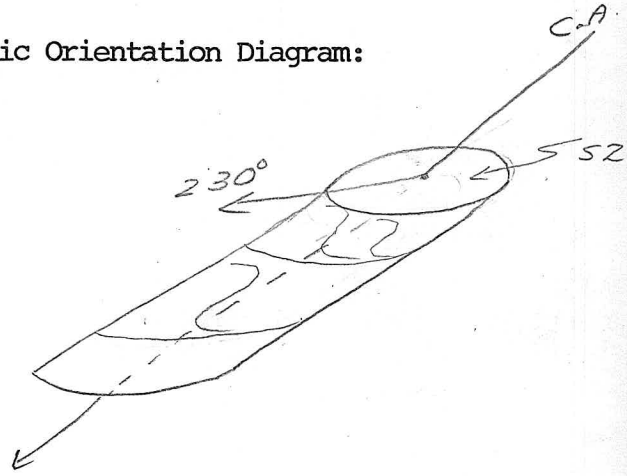
Grid Co-ords.: 74W/6N

_____

Elevation: 1133.22

Total Depth: 53.3 m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with 52 dipping

SW with dip azimuth 230°.

Purpose: _____

Re Logged by: DTH/RBT Date(s) Logged: _____

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

_____ _____ _____

_____ _____ _____

_____ _____ _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 76-U057

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	76-U057	1133.2	9050333.4	592335.2	METRES

220.3 for True North

Code	Drillhole	Depth		Zenith Angle		True Azimuth	Comments
	2 8	10	14	22	26	28 32	34 56
R	76-U057	0	0	118.2		218.7	AT COLLAR
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	
R				.		.	

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

DDH 76-1057 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: DJH

Code	From m	To m	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	00	87	1	4C10	weakly pyritic (5-10%); 20% grey sericite; → 5B19 locally
* L	87	116	2	5C4 5D14	laminated; minor mariposite ankerite. Tan colour
L	116	1339	3	4B14	similar to unit 1 but less py (<5%); ~20% grey sericite; → 5B19 locally; reddish sph.
L	1339	1406	4	5B11	→ 5B19 locally; v. minor sph.
L	1406	1533	5	5B11	→ 5B19; minor py, Pb, Zn; → 4C locally
		EOH			

DDH FAGU057 (2 — 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 — 14	16 — 20	22 — 24	26	28 — 32	34 — 38	40 — 44	
		132	1GX					
	167	184	3B					
		198	B					
		213	B					
	259	274	BP	3				
		243	B					
		330	G					
		351	G					
		407	1G					
		403	1G					
		470	G					
		531	G					
		457	1B					
		472	1B					
		518	1B					

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

DDH FAG 4 057 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 3 of _____

Date: Aug 12, 1981 Logged By: PBT

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	00	18		1	4C9	minor py, sph, gn minor phyllitic partings 3% Pb+Zn
L	18	72		2	4A1	phyl. Siliceous narrow phyllitic partings to 20% grade minor pyrite (5-10%)
L	72	88		3	4C0	<5% Pb+Zn in py (10%) white sericite partings.
L	88	116		4	5C4X	Tan-buff colour ankeritic minor fuchsite.
L	116	132		5	4C0	sericitic similar to unit 3, gouge ~~at~~ at lower cnt (0.1m)
L	132	214		6	4A1	phyllitic similar to unit 2. Core ground to <1cm chips @ 16.7 - 18.4 ; 19.8 (0.1m), 21.3 (0.2m)
L	214	228		7	4C0	sericitic cf. units 1, 5
L	228	287		8	4A14	phyllitic cf. units 2,8 except 5% Pb+Zn. Ground core 25.9-27.4 (0.4m rec); 24.3 (0.4m).
L	287	533			4A1	phyllitic narrow phyllitic partings <1mm 5-10% Pyrite <3% Pb+Zn Gouge @ 33m (0.2m), 35.1 (0.2m) 40.7 (0.1m) 40.3 (0.1m) 47m (0.2m), 53.1 (0.2m) ground core. 45.7 (0.3m) 47.2m (0.2m), 51.8 (0.2m)

C. A. M. C. 1981 – E-3

DDH 76-U057 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: DJH

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		130	C1S12			515 2310	Z region 0.0–15.2
S		179	C1S12			217 2310	
S		1120	C1S12			312 2310	
S		1152	F123				S region 15.2 — 21.5
S		1167	C1S12			318 2310	
S		1215	F12E			517 2310	Z region 21.5 – 45.7
S		1258	C1S12			417 2310	
S		1300	C1S12			418 2310	
S		1350	C1S12			414 2310	
S		1398	C1S12			510 2310	
S		1457	F123			513 2310	S region 45.7 – 53.3
S		1503	C1S12			410 2310	
S		1533	C1S12			410 2310	
		E014					

DDH FAA-057 (2 8) Cyprus Anvil Mining Corp

Page 5 of 5

Logged by PBT

ASSAY LOG (SAMPLER'S COPY) Date Aug 11/81 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
P	00	18	88911	18	11	4C0	1
P	18	38	88912	20	19	4A1	2
P	38	58	88913	20	20	4A1	
P	58	72	88914	14	12	4A1	
P	72	88	88915	16	16	4C0	
P	116	132	88916	12	12	4C0	
P	132	152	88917	20	17	4A1	
P	152	172	88918	20	20	4A1	
P	172	192	88919	20	08	4A1	
P	192	214	89000	22	13	4A1	
P	214	228	91511	14	13	4C0	
P	228	247	91512	19	19	4A14	
P	247	267	91513	20	07	4A14	
P	267	287	91514	20	16	4A14	
P	287	303	91515	16	16	4A1	
P	303	323	91516	20	15	4A1	
P	323	343	91517	20	20	4A1	
P	343	363	91518	20	20	4A1	
P	363	383	91519	20	19	4A1	
P	383	403	91520	20	19	4A1	
P	403	423	91521	20	20	4A1	
P	423	443	91522	20	20	4A1	
P	443	463	91523	20	15	4A1	
P	463	483	91524	20	20	4A1	
P	483	503	91525	20	05	4A1	
P	503	523	91526	20	15	4A1	
P	523	533	91527	10	07	4A1	
							EOH.

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

DDH 76-4-57 (2 / 8)

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

Logged By: DJH.

Sampled By:

Code	From	To	Sample No.	Description	LENGTH	REC.
	10 14	16 20	22 27			
P	100	115	121519	K.A.	1.5	0.2
P	115	130	121610	"	1.5	1.4
P	130	145	121611	"	1.5	1.3
P	145	160	121612	"	1.5	1.5
P	160	176	121613	"	1.6	1.6
P	176	191	12161A	"	1.5	1.4
P	1118	1137	121615	"	1.8	1.5
P	1137	1152	121616	"	1.5	1.4
P	1152	1167	121617	"	1.5	1.4
P	1167	1182	121618	"	1.5	0.9
P	1182	1198	121619	"	1.6	0.1
P	1198	1213	121710	"	1.5	0.5
P	1213	1228	121711	"	1.5	1.0
P	1228	1243	121712	"	1.5	0.9
P	1243	1259	121713	"	1.6	0.4
P	1274	1289	12171A	"	1.5	1.1
P	1289	1300	121715	"	1.1	1.1
P	1300	1320	121716	"	2.0	1.5
P	1320	1335	121717	"	1.5	1.0
P	1457	1472	121718	"	1.5	1.0
P	1472	1487	121719	"	1.5	1.1
	1503	1518	121810	"	1.5	0.5
	1518	1533	121811	"	1.5	0.5

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D.D.H. Nº 76-U-57 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10 825.897 6N STARTED APRIL 3, 1976

DEPARTURE 7643.083 74W COMPLETED APRIL 4, 1976

ELEVATION 1143.826 M PROPOSED DEPTH

ULTIMATE DEPTH 53.3M

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	220° 16'	-28°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 70.16%

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	9.1	QUARTZ-SULFIDE. Competent. Foliation 45° (F 2) marked by															
		Zn rich sulfides. F (?)-10° marked by discontinuous train															
		of sulfides (F 1). Whole run is very siliceous. Details:															
		0-1.5: Broken core. See general description.	20	8	0.2/1.5	2159	0	1.5	1.5	1.70	4.35	39.43			2.55	6.525	59.145
		1.5-3.0: Competent. Regularly spaced bands of Zn rich sulfides.	20	8	1.4/1.5	2160	1.5	3.0	1.5	2.40	3.85	43.54			3.60	5.775	65.31
		3.0-4.5: Same as preceeding run.	15	6	133/1.5	2161	3.0	4.5	1.5	0.70	2.15	14.06			1.05	3.23	21.09
		4.5-6.0: Same as preceeding run.	20	8	1.5/1.5	2162	4.5	6.0	1.5	1.55	3.70	29.14			2.325	5.55	43.71
		6.0-7.6: Pervasive silicification in last half of	20	10	1.6/1.6	2163	6.0	7.6	1.6	1.33	3.58	23.31			2.128	5.728	37.296
		run obliterating the foliation except	30	10	1.4/1.5	2164	7.6	9.1	1.5	1.33	4.20	26.40			1.995	6.30	39.6
		where marked by sulfide trains or bands.	20	8	1.5/1.8	2165	11.8	13.7	1.8	1.98	4.03	29.14			3.564	7.254	52.452
		7.6-9.1: Essentially same as preceeding run.	20	10	1.4/1.5	2166	13.7	15.2	1.5	1.25	3.78	20.23			1.875	5.67	
		Bleached phyllite from 9.0-9.1. Calcitic shear @8.9	30	10	1.4/1.5	2167	15.2	16.7	1.5	2.40	5.70	40.46			3.60	8.55	60.69
9.1	12.1	BLEACHED PHYLLITE. From 9.1-11.9. F 1 very distinct	15	8	0.9/1.5	2168	16.7	18.2	1.5	2.10	7.82	35.31			3.15	11.73	52.965
		crenulations axial plane 10°. F 2 20°. Calcitic.															
		9.1-10.6: Bleached phyllite with plenty of bull quartz.			1.5/1.5												
		10.6-12.1: Sudden change to QUARTZ-SULFIDES at 11.9,															
		Contact marked by shear-55°.			1.4/1.5												

LOGGED BY _____ D.D.H. NO. 76-U-57 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
12.1	33.5	QUARTZ-SULFIDE. Very siliceous. Foliation F -45-50°.													
		F -10°. Sulfide bands are Zn enriched locally while there													
		are some almost barren intervals.													
		12.1-13.7: Small fault at 13.5-13.6. Thick black sticky													
		gouge.													
		13.7-15.2: Competent. Sulfide bands are widely spaced but													
		more evenly distributed.													
		15.2-16.7: Same as preceeding run. Pebbly core-16.5-16.7													
		16.7-18.2: Broken core. 10 6	0.1/1.6	2169	18.2	19.8	1.6	2.68	6.15	42.51			4.288	9.84	68.016
		18.2-19.8: Broken core. 10 6	0.5/1.5	2170	19.8	21.3	1.5	2.33	5.00	36.34			3.495	7.50	54.51
		19.8-21.3: Broken core but solid part show very 20 8	1.0/1.5	2171	21.3	22.8	1.5	2.75	4.70	38.40			4.125	7.05	57.6
		siliceous quartz sulfide rock type with local Zn 20 8	0.9/1.5	2172	22.8	24.3	1.5	2.23	4.15	29.14			3.345	6.225	43.71
		rich bands. 10 6	0.4/1.6	2173	24.3	25.9	1.6	1.15	3.18	15.09			1.84	5.09	24.14
		21.3-22.8: F very clear 0°; F 80-90° in solid cores	0.5/1.5	------	25.9	27.4	1.5	2.18	4.39	32.75			3.29	6.59	49.10
		22.8-24.3: Partly broken core. Shear 24.2-24.3. 25 10	1.1/1.5	2174	27.4	28.9	1.5	3.20	5.60	50.40			4.80	8.40	75.6
		24.3-25.9: Broken core. 25 10	1.1/1.1	2175	28.9	30.0	1.1	1.35	3.40	19.20			1.485	3.74	21.12
		25.9-27.4: Broken core. Pebble size. 25 10	1.5/2.0	2176	30.0	32.0	2.0	3.45	5.54	45.26			6.90	11.08	90.52
		27.4-28.9: Sporadic concentration of Sph.,vuggy. 15 8	1.0/1.5	2177	32.0	33.5	1.5	1.73	3.98	24.34			2.60	5.97	36.51
		28.9-30.0: Competent. Sulfide bands evenly distributed.													
		30.0-32: Same as preceeding run. Broken core 30.1-30.2.													
		32-33.5: Black sticky gouge 33.4-33.5 FAULT.													

LOGGED BY _____ D.D.H. Nº 76-U-57 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
33.5	45.7	QUARTZ-SERICITE PHYLLITE. Foliation 40 (F_2) F_1 is S-shaped			WEIGHTED			AVERAGES							
		between F_2; Axial plane parallel to F_2. Occassional sulfide			0	9.1	9.1	1.50	3.64	29.25			13.65	33.11	266.15
		showing in form of discontinuous widely spaced trains or			0	3.0	3.0	2.05	4.10	41.48			6.15	12.300	124.46
		sporadic clots. Details.			4.5	9.1	4.6	1.40	3.82	26.22			6.448	17.578	120.606
		33.5-35: See general description. 1.5/1.5			15.2	19.8	4.6	2.39	6.55	39.49			11.038	30.12	181.67
		35-36.5: Thick black sticky gouge. FAULT ZONE 35-35.5			19.8	24.3	4.5	2.44	4.61	34.63			10.965	20.775	155.82
		with broken bull quartz. 1.4/1.5	1.5/1.5		27.4	32.0	4.6	2.87	5.04	40.70			13.185	23.22	187.24
		36.5-38.1: See general description. 1.4/1.5													
		38.1-39.6: Same as preceeding run. 1.4/1.5	1.4/1.5		15.2	24.3	9.1	2.42	5.59	37.09			22.003	50.895	337.491
		39.6-41.1: Shearing at 40-40.1 1.3/1.5	1.4/1.6		11.9	24.3	12.4	7.36	PbZn						
		41.1-42.6: Relatively more sulfides than previous run. 1.4/1.5	1.4/1.5		11.9	33.5	21.6	2.24	4.85	33.21			48.37	104.69	717.28
		42.6-44.1: Same as preceeding run. 1.4/1.5	1.3/1.5												
		44.1-45.7: Same as preceeding run. Broken core. 1.2/1.6	1.4/1.5												
			1.4/1.5												
			1.2/1.6												
		QUARTZ-SERICITE-SULFIDE. F_2 -40°. F_1 parallel axial plane													
		to F_2. Bands of sulfides follow prominent F_2 and cross over													
		to F_2. Part of run very siliceous.													
		45.7-47.2: Shearing at 47-47.2. 18 8	1.0/1.5	2178	45.7	47.2	1.5	0.50	1.05	8.23			0.75	1.575	12.345
		47.2-48.7: See general description. Broken core 18 8	1.1/1.5	2179	47.2	48.7	1.5	0.78	0.55	13.03			1.17	0.825	19.545
		from 47.2-47.4													

LOGGED BY _____ D.D.H. NO 76-U-57 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		48.7-50.3: BROKEN CORE. EXTREMELY POOR RECOVERY.	0.05/1.5		48.7	50.3	1.5								
		Pebble of Qtz-Sericite with sulfide showing.													
		50.3-51.8: Bands and sporadic clots of sulfides. 10 5	0.5/1.5	2180	50.3	51.8	1.5	0.53	0.50	9.94			0.795	0.75	14.91
		Shearing 50.3-51.													
		51.8-53.3: BROKEN CORE. Shearing 53-53.3. 10 4	0.5/1.5	2181	51.8	53.3	1.5	0.63	0.55	13.03			0.945	0.825	19.545
				W.Av.	45.7	48.7	3.0	0.64	0.80	1.44	PbZn		1.92	2.400	
				W.Av.	50.3	53.3	3.0	0.58	0.53	1.105	PbZn		1.740	1.575	
	45.7	END OF HOLE.													

DDH: FAGU057 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

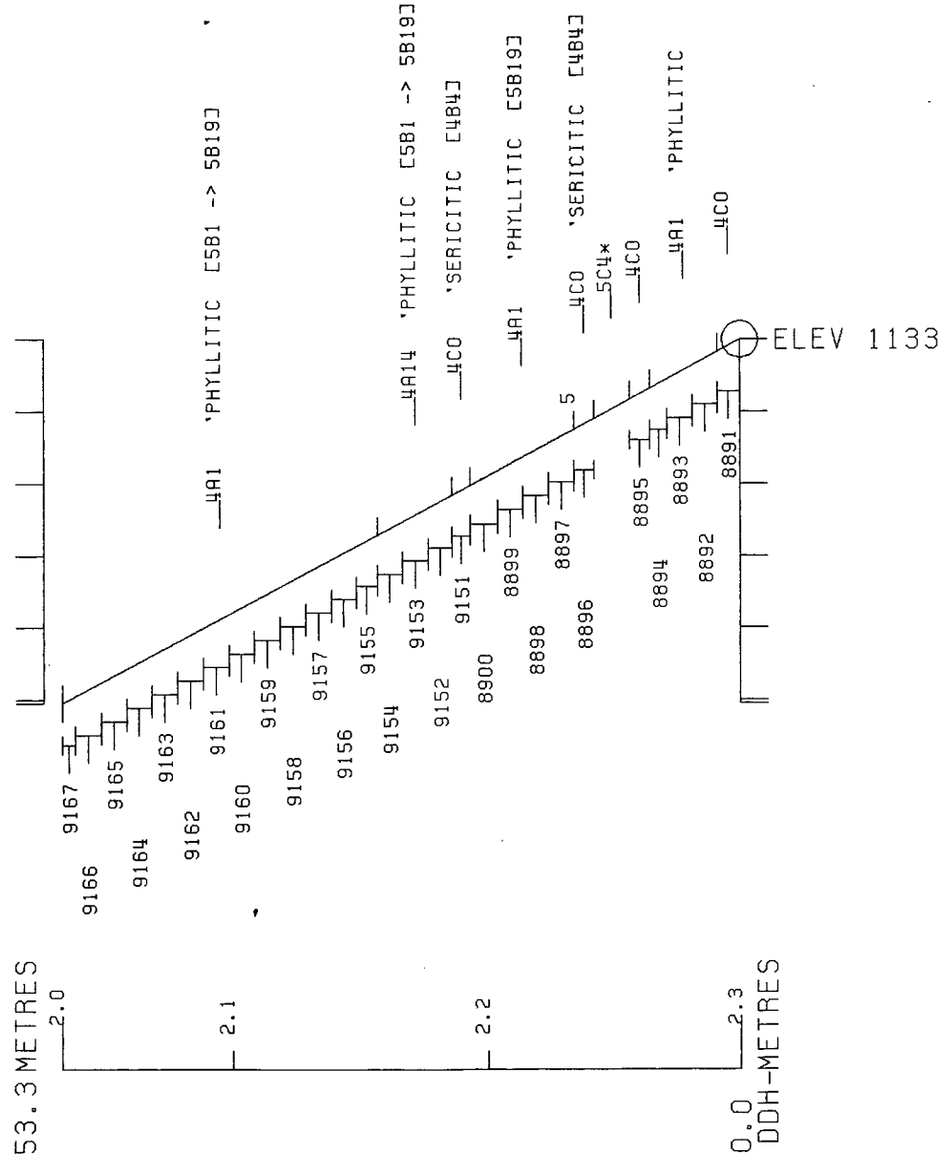
ELEV: 1133 592335E ; 905038N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 550.0 Z = 1133.6

SECTION NAME: 74W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 NOV 1984 10:31 AM



DDH: FAGU057 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

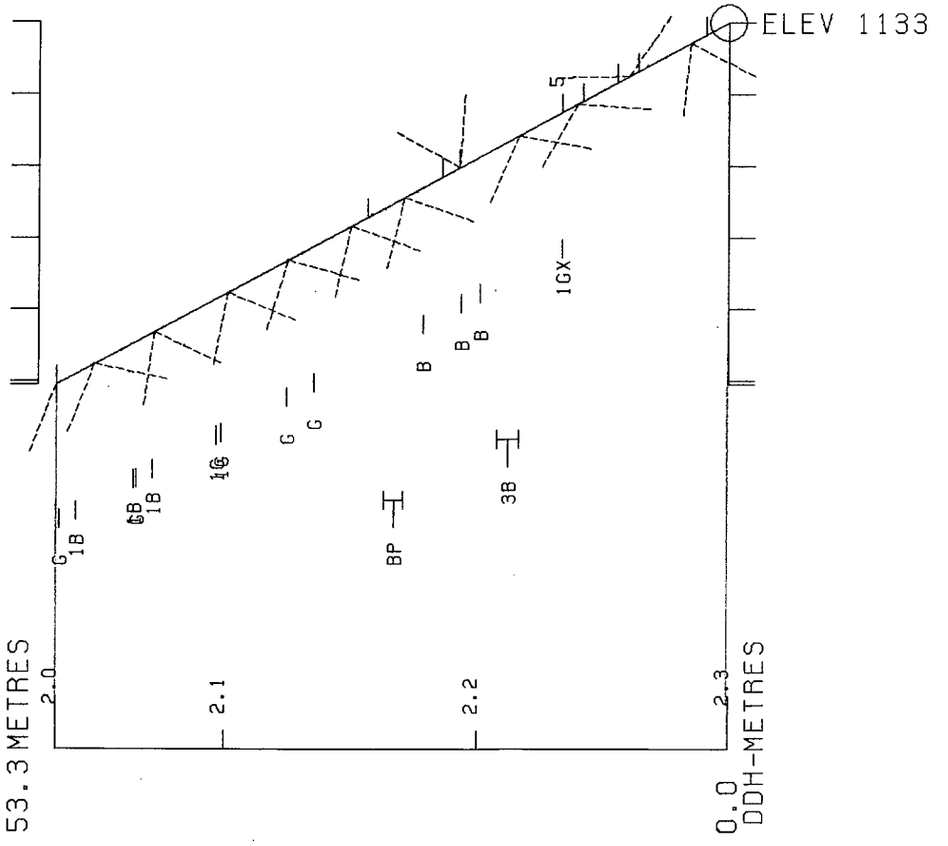
ELEV:1133 592335E ; 905033N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 550.0 Z = 1133.6

SECTION NAME: 74W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 2 NOV 1984 10:30 AM



DRILL HOLE : FAGU066
NORTHING : 905,002.3
EASTING : 592,229.4
ELEVATION : 1,126.3
TOTAL DEPTH : 99.0
SECTION : W 76
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 33
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 55
NOS DOWN-H-STRUCTURE: 19
NOS DOWN-H-FAULTS: 4
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

ORE SAMPLES & ASSAYS (DH020)

DDH: FAGU066 UTM-N: 905,002.3 UTM-E: 592,229.4 UTM-ELEV: 1,126.3 TOTAL DEPTH: 99.0 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.0	12083	2.0	1.6	4E42	4.34	.23	9.30	14.80	136.00		2.95	2	19	21						
2.0	3.4	12084	1.4	1.0	4E42	4.69	.17	7.20	17.00	98.00		1.70	3	24	27						
3.4	5.4	12085	2.0	2.0	4E4	4.91	.23	4.29	7.99	69.00		2.87	1	34	36						
5.4	7.3	12086	1.9	1.6	4E4	4.75	.20	6.59	10.90	76.00		2.19	1	30	32						
7.3	9.3	12087	2.0	2.0	4EG4	4.78	.20	6.20	9.40	120.99		2.33		19	20						
9.3	11.4	12088	2.1	1.7	4EG4	4.66	.16	5.70	9.90	116.99		2.19	1	21	23						
11.4	13.9	12089	2.5	2.0	4G4	4.75	.10	3.89	8.69	83.00		1.23		14	15						
13.9	15.9	12090	2.0	1.4	4EG4	4.75	.14	6.70	10.90	121.99	122.99	1.37		34	35						
15.9	16.7	12091	.8	.8	4ALC	3.27	.07	1.30	2.50	34.00		.47	1	11	12						
16.7	18.4	12092	1.7	.7	4EA4	3.58	.08	2.89	4.09	49.00		.55	2	15	18						
18.4	19.4	12093	1.0	.9	5D4@	3.08	.04	.38	.58	7.99		.34	5	5	10						
19.4	20.5	12094	1.1	.9	4E4	4.46	.10	9.00	12.69	125.99		1.10	1	21	23						
20.5	22.0	12095	1.5	1.5	4EG4	4.73	.11	8.40	17.50	116.99		1.43	1	22	24						
22.0	23.4	12096	1.4	1.3	4G4	4.86	.19	5.59	9.69	98.00		1.30	1	22	23						
23.4	25.9	12097	2.5	2.5	4E4	4.59	.20	6.79	19.39	109.00		1.23	2	23	25						
39.2	41.3	12098	2.1	1.5	4E4	4.50	.17	4.40	4.50	72.00		.68	3	30	33						
41.3	45.7	12099	4.4	4.2	4L2	3.45	.10	1.39	1.37	31.99		.68	5	12	18						
47.2	48.7	12100	1.5	1.1	4E8		.17	2.50	1.92	37.00											
71.6	72.6	12101	1.0	1.0	4EO	4.20	.29	2.00	.47	49.00	42.00	.27	4	20	24						
72.6	73.3	12102	.7	.5	4LO	3.10	.08	.53	.19	22.00		.20	1	8	9						
73.3	76.1	12103	2.8	2.0	4E4	4.38	.11	2.39	3.10	61.99		.55	2	30	32						
76.1	78.5	12104	2.4	2.3	4G4#	4.45	.11	5.70	6.20	105.00		.81	1	17	18						
78.5	80.7	12105	2.2	2.2	4G4	4.53	.05	6.00	8.10	91.00		1.16	1	7	9						
80.7	83.2	12106	2.5	2.0	4G4#	4.28	.13	6.79	7.09	116.99		.95	2	20	23						
83.2	85.5	12107	2.3	1.1	4LEG	3.39	.23	.99	.73	29.99		.62	4	13	18						
85.5	86.8	12108	1.3	1.3	4GO#	3.31	.11	3.89	3.89	95.00		.68	2	23	26						
86.8	87.5	12109	.7	.6	4L2	3.45	.20	1.89	.85	41.00		.47	3	16	19						
87.5	88.8	12110	1.3	1.3	4G4#	4.13	.10	6.20	6.50	80.00	78.00	.81	2	22	24						
88.8	89.5	12111	.7	.5	4L3	3.12	.75	.34	.46	39.00		.62	3	2	6						
89.5	91.3	12112	1.8	1.3	4G4	4.63	.05	5.70	8.69	100.00		.55	2	7	9						
91.3	93.1	12113	1.8	.4	4G4	4.63	.05	6.40	7.59	105.00		.55	1	7	9						
93.1	95.0	12114	1.9	1.9	5D4*	3.10	.08	.91	.84	23.00		.27	3	6	9						
95.0	98.7	12115	3.7	2.7	4GE4	4.61	.05	5.90	8.50	108.00		.34	1	8	10						

WEIGHTED AVERAGE

DDH: FAGU066 UTM-N: 905,002.3 UTM-E: 592,229.4 UTM-ELEV: 1,126.3 TOTAL DEPTH: 99.0 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	67.100	176.400

DDH: FAGU066 UTM-N: 905,002.3 UTM-E: 592,229.4 UTM-ELEV: 1,126.3 TOTAL DEPTH: 99.0 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.4	0001	4E4	2	0.5-	1
7.3	0002	4E4		0.5-	1
11.0	0003	4G4	(4E4)	0.5-	1
11.4	0004	4E4	POROUS	0.5-	1
15.2	0005	4G4		0.5-	1
15.9	0006	4E4	POROUS RUBBLE	0.5-	1
16.5	0007	4AC	(5A19)	0.5-	1
16.7	0008	4LC		0.5-	1
17.3	0009	4E4	RUBBLE	0.5-	1
18.4	0010	4A19	PY	0.5-	1
19.4	0011	5D4@		0.5-	1
20.5	0012	4E4		0.5-	1
20.7	0013	4G4		0.5-	1
22.0	0014	4E4		0.5-	1
23.4	0015	4G4		0.5-	1
25.9	0016	4E4		0.5-	1
26.6	0017	4L2	(5D4*)	0.5-	1
34.4	0018	5A6	(5A3)	0.5-	1
35.6	0019	5D4*		0.5-	1
39.2	0020	5A6		0.5-	1
41.1	0021	4E4		0.5-	1
41.6	0022	4L2		0.5-	1
41.8	0023	5B62	1	0.5-	1
42.4	0024	5D4@	TALC	0.5-	1
45.7	0025	4L24	@	0.5-	1
47.2	0026	5D0	(5D4@) E.O.I. 50:50	0.5-	1
48.4	0027	4E8		0.5-	1
64.0	0028	4L2	(4L24)	0.5-	1
65.1	0029	5B64		0.5-	1
71.6	0030	4L2		0.5-	1
72.6	0031	4EC		0.5-	1
73.3	0032	4LC		0.5-	1
73.8	0033	4E4	POROUS #	0.5-	1
76.1	0034	4E4@	(4KO)	0.5-	1
78.5	0035	4G4#		0.5-	1
80.7	0036	4G4		0.5-	1
83.2	0037	4G4#	RUBBLE	0.5-	1
83.5	0038	4EC#		0.5-	1
83.6	0039	5D4@		0.5-	1
84.0	0040	4G4		0.5-	1
84.3	0041	4L23		0.5-	1
85.3	0042	4EC		0.5-	1
85.5	0043	4LC		0.5-	1
86.8	0044	4GC#		0.5-	1
87.5	0045	4L2	88 MINOR	0.5-	1
87.9	0046	4G4#		0.5-	1
88.1	0047	4L3		0.5-	1
88.9	0048	4G4#		0.5-	1
89.5	0049	4L3		0.5-	1
93.1	0050	4G4	(4G4#)	0.5-	1
95.0	0051	5D4*		0.5-	1

DOWN-HOLE LITHOLOGY (DHO2D)

DDH: FAGU066 UTM-N: 905,002.3 UTM-E: 592,229.4 UTM-ELEV: 1,126.3 TOTAL DEPTH: 99.0 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
98.4	0052	4G4			
98.7	0053	4EO		0.5-	1
98.9	0054	4LC		0.5-	1
99.0	0055	4G4#		0.5-	1
				0.5-	1

DDH: FAGU066 UTM-N: 905,002.3 UTM-E: 592,229.4 UTM-ELEV: 1,126.3 TOTAL DEPTH: 99.0 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU066	0.0	1.0	CS2	P	0	0	0	0	30	230	0	1	1	1
FAGU066	0.0	4.0	CS2	P	0	0	0	0	50	230	0	1	1	1
FAGU066	0.0	7.5	CS2	P	0	0	0	0	30	230	0	1	1	1
FAGU066	0.0	10.0	CS2	P	0	0	0	0	30	230	0	1	1	1
FAGU066	0.0	14.0	CS2	P	0	0	0	0	40	230	0	1	1	1
FAGU066	0.0	22.0	CS2	P	0	0	0	0	40	230	0	1	1	1
FAGU066	0.0	28.7	CS2	P	0	0	0	0	25	230	0	1	1	1
FAGU066	0.0	33.7	CS2	Z	0	0	20	180	40	230	0	1	1	1
FAGU066	0.0	42.6	CS2	P	0	0	0	0	50	230	0	1	1	1
FAGU066	0.0	48.0	CS2	P	0	0	0	0	20	230	0	1	1	1
FAGU066	0.0	54.5	PS2		0	0	0	0	30	230	0	1	1	1
FAGU066	0.0	61.0	CS2	P	0	0	0	0	50	230	0	1	1	1
FAGU066	0.0	64.0	CS2	S	0	0	10	0	40	230	0	1	1	1
FAGU066	0.0	74.0	CS2	P	0	0	0	0	20	230	0	1	1	1
FAGU066	0.0	79.0	CS2	P	0	0	0	0	10	230	0	1	1	1
FAGU066	0.0	86.6	CS2	P	0	0	0	0	20	230	0	1	1	1
FAGU066	0.0	92.0	CS2	P	0	0	0	0	40	230	0	1	1	1
FAGU066	0.0	96.0	CS2	P	0	0	0	0	65	230	0	1	1	1
FAGU066	0.0	97.5	CS2	P	0	0	0	0	60	230	0	1	1	1

DOWN-HOLE FAULTS (DHC20)

DDH: FAGU066 UTM-N: 905,002.3 UTM-E: 592,229.4 UTM-ELEV: 1,126.3 TOTAL DEPTH: 99.0 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU066	15.2	15.9	R			0	0	0	0	0	0	1
FAGU066	16.7	17.3	RB			0	0	0	0	0	0	1
FAGU066	26.6	34.4	QJ			0	0	0	0	0	0	1
FAGU066	80.7	83.2	RB			0	0	0	0	0	0	1

DDH: FAGU066 UTM-N: 905,002.3 UTM-E: 592,229.4 UTM-ELEV: 1,126.3 TOTAL DEPTH: 99.0 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU066	1	1

NOT ON 76, 75 or 78W ? WHERE IS THE THING

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Page 1 of 6

Date: 22 SEP 81

Hole Number: FAGU 066

Project: GRUM RELOG 81

Location: 76W

Claim:

U.T.M. ~~Terr~~.Plane Co-ords.: 905002·3 N

592229·4 E

Grid Co-ords:

Elevation: 1126·3 m.

Total Depth: 99·0 m.

Purpose: Grum U/G.

Reason hole Terminated:

Logged by: DSJ - JGS

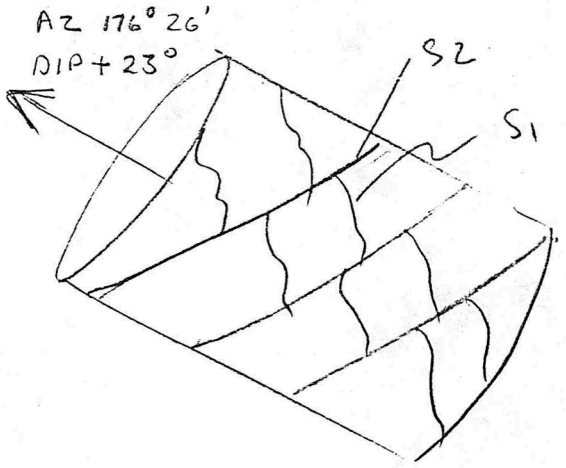
Date(s) Logged: 22 SEPT 81

Drilling Contractor: Cameron McCutcheon

Hole Cemented:

Steel down hole:

Reference Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Size	CORE From	To
BQ	0	99·0

Collar Cased and Capped: ____

Started: 19 APR 76 Completed: 20 APR 76

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH FAGU066 (2 — 8)

Date: 22SEP81 Logged By: DSJ-JGS

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E
	2 — 8	10 — 16	17 — 24	25 — 32	34 — 39	41 42
T	FAGU066	11126.3	9050021.3	592229.4	METRES	512

176.1 Tru North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 — 8	10 — 14	22 — 26	28 — 32	34 — 56
R	FAGU066	000	67.1	117/46.9	AT COLLAR

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

DDH E,A,G,U,0,6,6, (2 / 8) Cyprus Anvil Mining Corp. Page 3 of 6

Lithologic Log Date: 22 SEP 81 Logged By: DSJ - JGS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	100	134		101	4E4	Buckshot
L	134	173		102	4E4	
L	173	1110		103	4G4	(4E4) non calc
L	1110	1114		104	4E4	POR.
L	1114	1152		105	4G4	non calc
L	1152	1259		106	4E4	POR RUBBLE
L	1159	1165		107	4A01	(6A19)
L	1165	1167		108	4L01	
L	1167	1173		109	4E4	Rubble Bkn Core
L	1173	1184		110	4A19	PJ.
L	1184	1194		111	5D4*	ANK/.K + fusch 2%
L	1194	1205		112	4E4	
L	1205	1207		113	4G4	non calc
L	1207	1220		114	4E4	
L	1220	1234		115	4G4	non calc
L	1234	1259		116	4E4	
L	1259	1266		117	4L2	(5D4*) mini fusch
L	1266	1344		118	5A6	(5A3) qv. fin veins
L	1344	1356		119	5D4*	no fusch
L	1356	1392		120	5A6	as above 18,
L	1392	1411		121	4E4	
L	1411	1416		122	4L2	
L	1416	1418		123	5B6	2
L	1418	1424		124	5D4*	ANK TALC
L	1424	1457		125	4L2	4
L	1457	1472		126	5D3	(5D4*) Lost · 8 ANK.)
L	1472	1484		127	4E 8	
L	1484	1640		128	4L2	(4L2/4)
L	1640	1651		129	5B6	4
L	1651	1716		130	4L2	
L	1716	1726		131	4E0	
L	1726	1733		132	4L0	
L	1733	1738		133	4E4	POR CALC
L	1738	1761		134	4E04	(4K0) ANK. patchy
L	1761	1785		135	4G4*	CALC
L	1785	1807		136	4G4	

DDH: FAGU066 -- 42 DEGREE PROFILE

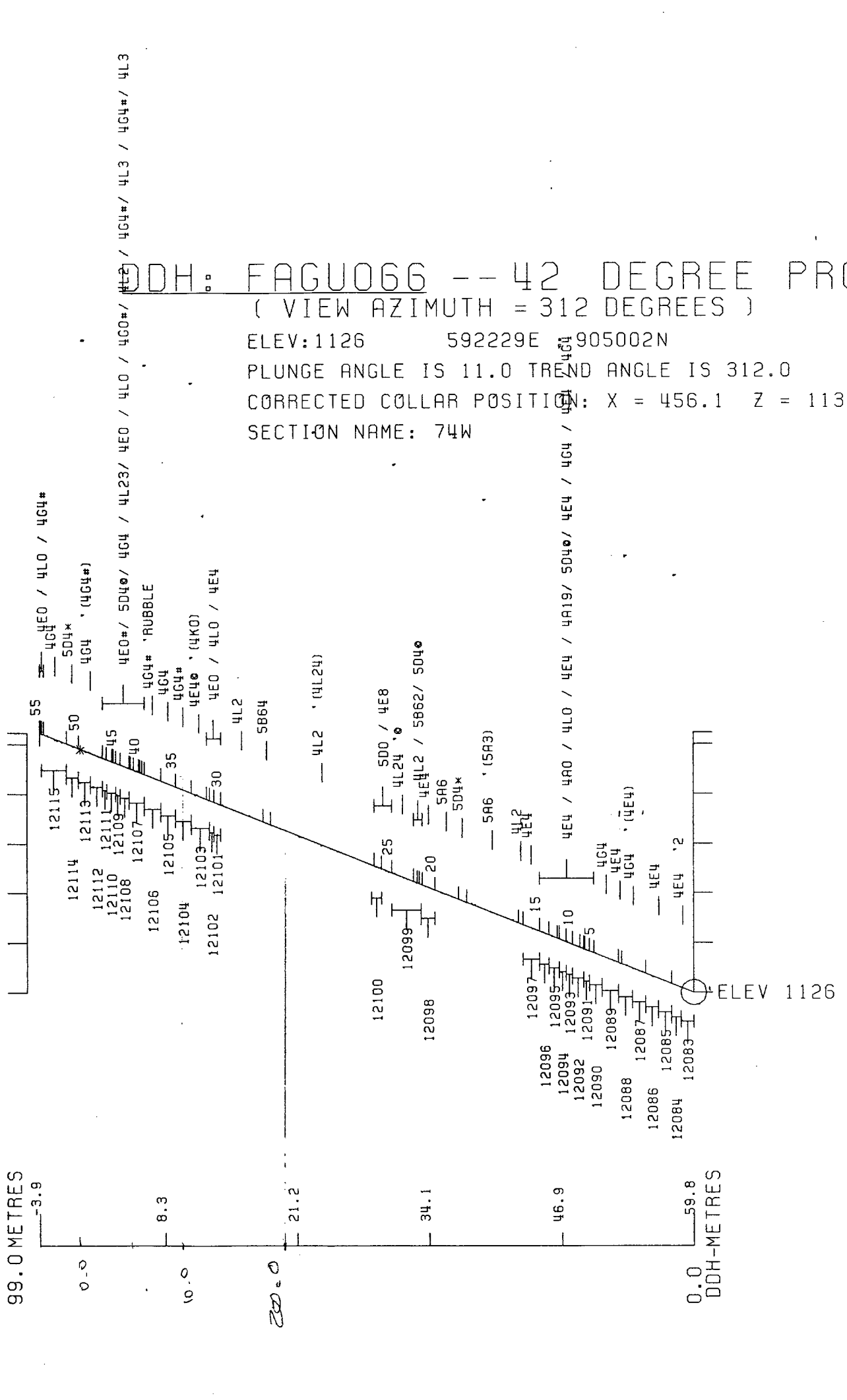
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1126 592229E 7905002N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 456.1 Z = 1137.9

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 14 AUG 1985 3:53 PM

DDH: FAGU066 -- 42 DEGREE PROFILE

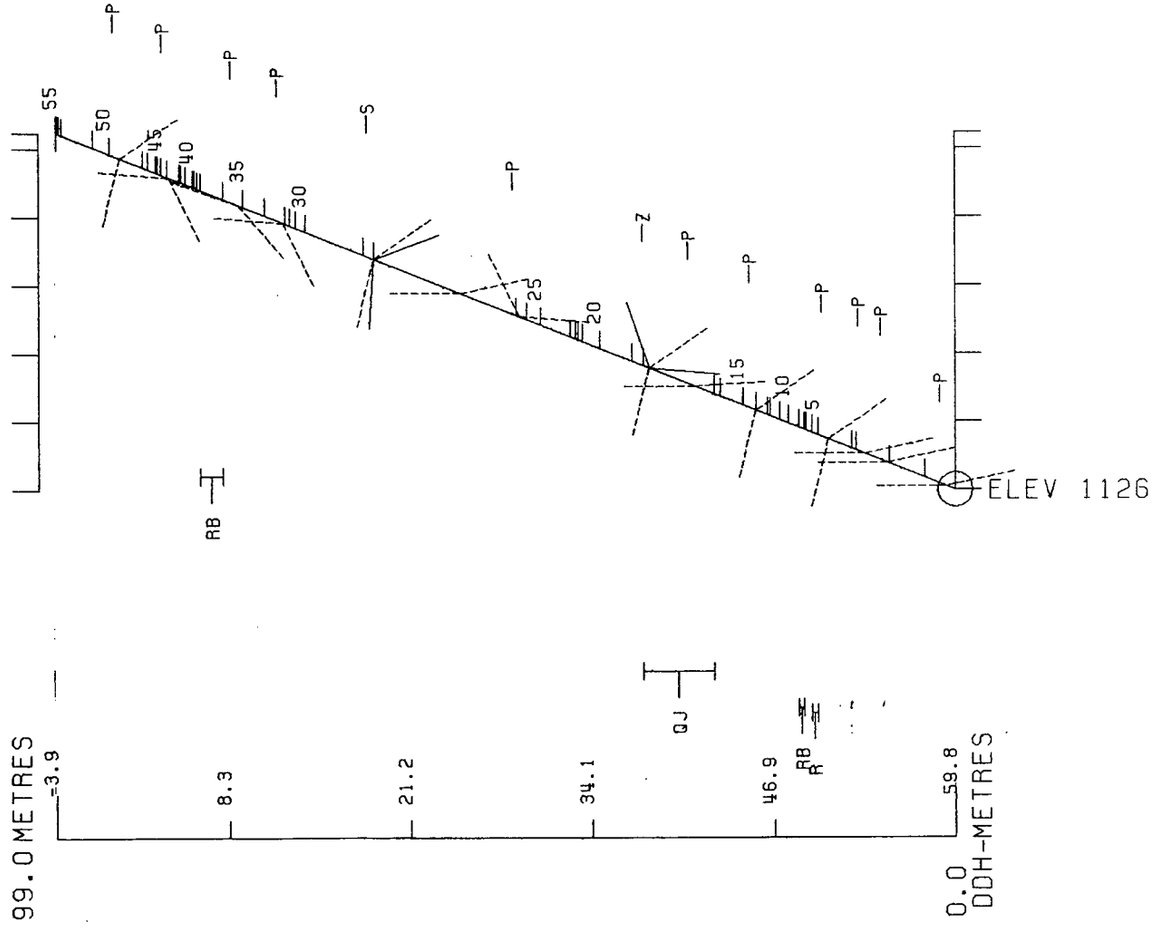
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1126 592229E ; 905002N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 456.1 Z = 1137.9

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 14 AUG 1985 3:52 PM

DRILL HOLE : FAGU117
NORTHING : 905,040.2
EASTING : 592,343.4
ELEVATION : 1,133.1
TOTAL DEPTH : 61.0
SECTION : W 74
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 13
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 16
NOS DOWN-H-STRUCTURE: 17
NOS DOWN-H-FAULTS: 3
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0