Grum
Section 02 N
2 of 3

014984

FAGA209

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGA209	5915	65.0	65.8	.8	100	4EG	4.84	.18	4.10	4.00	74.0	1.44	1.00	39.40		8.10	40.40	.49
	5916	65.8	67.4	1.6	38	4G4	4.76	.34	5.30	8.40	101.0	1.78	.79	22.70		13.70	23.49	.61
	5917	67.4	68.7	1.3	100	4E4	4.23	.48	4.40	4.90	89.0	2.13	1.20	38.40		9.30	39.60	.53
	5918	68.7	69.9	1.2	100	4E4	4.80	.15	6.80	8.10	97.0	1.17	1.28	28.60		14.90	29.88	.54
	5919	69.9	71.3	1.4	79	4G4	4.50	.13	6.00	10.80	94.0	1.03	.69	17.20		16.80	17.89	.64
	5920	96.9	98.9	2.0	100	4A0	2.81	.07	.28	.50	5.0					.78		.64
	5921	98.9	100.3	1.4	100	4A0	2.74	.06	.24	.30	4.0	.07				.54		.56
	5922	100.3	101.4	1.1	100	4A0	2.93	.10	.28	.64	5.0					.92		.70
	5923	110.9	112.1	1.2	100	4C3	3.31	.12	1.20	1.33	19.0	.34				2.53		.53
	5924	112.1	113.6	1.5	100	4C3	3.49	.14	1.78	2.90	25.0	.27				4.68		.62
	5925	117.1	119.1	2.0	100	4E0	4.35	.28	1.46	2.80	27.0	1.37	2.30	36.70		4.26	39.00	.66
	5926	119.1	120.7	1.6	100	4E4	4.37	.35	2.60	4.10	48.0	1.51	1.90	34.40		6.70	36.30	.61

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGA2C9	5915	4EG	.52	4.74	5.96	1.57	84.73		2.48	*	.61	3.09	7.30	1.67	82.92		4.41
	5916	4G4	.98	6.12	12.52	1.24	48.82		30.31	*	.93	3.23	12.40	1.07	38.69		43.68
	5917	4E4	1.39	5.08	7.30	1.89	82.58		1.76	*	1.62	3.32	8.95	2.01	80.96		3.14
	5918	4E4	.43	7.85	12.08	2.01	61.50		16.12	*	.45	4.60	13.26	1.92	54.02		25.74
	5919	4G4	.38	6.93	16.10	1.09	36.99		38.52	*	.34	3.46	15.09	.88	27.73		52.50
	5920	4A0	.20	.32	.75				98.73	*							
	5921	4A0	.17	.28	.45				99.10	*							
	5922	4A0	.29	.32	.95				98.43	*							
	5923	4C3	.35	1.39	1.98				96.28	*							
	5924	4C3	.40	2.06	4.32				93.22	*							
	5925	4E0	.81	1.69	4.17	3.62	78.92		10.79	*	.88	1.02	4.75	3.58	71.89		17.87
	5926	4E4	1.01	3.00	6.11	2.99	73.98		12.91	*	1.08	1.79	6.85	2.91	66.32		21.04

DRILL HOLE : FAGA2C9
NORTHING : 904,682.7
EASTING : 592,550.8
ELEVATION : 1,274.9
TOTAL DEPTH : 235.0
SECTION : W 61
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:	12
NOS DOWN-H-SURVEYS:	7
NOS DOWN-H-LITHOLOGY:	51
NOS DOWN-H-STRUCTURE:	42
NOS DOWN-H-FAULTS:	13
NOS DOWN-H-SPLINES:	7
NOS COMPOSITES:	0

DDH: FAGA209 UTM-N: 904,662.7 UTM-E: 592,550.8 UTM-ELEV: 1,274.9 TOTAL DEPTH: 235.0 SECTION: W 61
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.
65.0	65.8	05915	.8	.8	4EG	4.84	.18	4.10	4.00	74.00		1.44	1	39	40						
65.8	67.4	05916	1.6	.6	4G4	4.76	.34	5.30	8.40	101.00		1.78		22	23						
67.4	68.7	05917	1.3	1.3	4E4	4.23	.48	4.40	4.90	89.00		2.13	1	38	39						
68.7	69.9	05918	1.2	1.2	4E4	4.80	.15	6.80	8.10	97.00	90.00	1.17	1	28	29						
69.9	71.3	05919	1.4	1.1	4G4	4.50	.13	6.00	10.80	94.00		1.03		17	17						
96.9	98.9	05920	2.0	2.0	4A0	2.81	.07	.28	.50	5.00											
98.9	100.3	05921	1.4	1.4	4A0	2.74	.06	.24	.30	4.00		.07									
100.3	101.4	05922	1.1	1.1	4A0	2.93	.10	.28	.64	5.00											
110.9	112.1	05923	1.2	1.2	4C3	3.31	.12	1.20	1.33	19.00		.34									
112.1	113.6	05924	1.5	1.5	4C3	3.49	.14	1.78	2.90	25.00		.27									
117.1	119.1	05925	2.0	2.0	4E0	4.35	.28	1.46	2.80	27.00		1.37	2	36	39						
119.1	120.7	05926	1.6	1.6	4E4	4.37	.35	2.60	4.10	48.00		1.51	1	34	36						
WEIGHTED AVERAGE																					
65.0	71.3		6.3	5.0		4.61	.26	5.40	7.59	92.77	17.14	1.52		27	28						
96.9	101.4		4.5	4.5		2.81	.07	.26	.47	4.68		.02									
110.9	113.6		2.7	2.7		3.41	.13	1.52	2.20	22.33		.30									
117.1	120.7		3.6	3.6		4.35	.31	1.96	3.37	36.33		1.43	2	35	37						

DDH: FAGA209 UTM-N: 904,682.7 UTM-E: 592,550.8 UTM-ELEV: 1,274.9 TOTAL DEPTH: 235.0 SECTION: W 61
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
75.900	177.300	100.000
106.400	175.500	97.000
136.900	173.000	93.000
167.300	172.000	80.000
197.800	173.000	51.000
228.300	172.500	33.000

DDH: FAGA209 UTM-N: 904,682.7 UTM-E: 592,550.8 UTM-ELEV: 1,274.9 TOTAL DEPTH: 235.0 SECTION: W 61
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
64.6	0001	#		0.5-	1
65.0	0002	#	OVERBURDEN	0.5-	1
65.4	0003	4G4	?	0.5-	1
65.8	0004	4E0		0.5-	1
67.4	0005	4G4		0.5-	1
69.9	0006	4E4		0.5-	1
71.3	0007	4G4	(4E0)	0.5-	1
71.9	0008	5A6		0.5-	1
81.8	0009	5B6		0.5-	1
82.0	0010	4L0		0.5-	1
82.3	0011	4D3		0.5-	1
96.6	0012	5B0		0.5-	1
96.9	0013	4L0		0.5-	1
97.1	0014	4D3		0.5-	1
97.3	0015	4L0		0.5-	1
101.0	0016	4A0	(5B19)	0.5-	1
101.4	0017	4C3		0.5-	1
110.9	0018	5B6	-> (5B62)	0.5-	1
111.4	0019	4L2		0.5-	1
113.6	0020	4C3	SER [4CL]	0.5-	1
114.6	0021	5B6		0.5-	1
117.1	0022	5B6		0.5-	1
120.7	0023	4E0	84 (4C0) (4E4) MINOR	0.5-	1
122.8	0024	5A6		0.5-	1
131.1	0025	5B6	(10QC) 80:20	0.5-	1
133.6	0026	5B6		0.5-	1
146.3	0027	5B6		0.5-	1
146.7	0028	4L0	(4L2)	0.5-	1
149.5	0029	5B6		0.5-	1
155.4	0030	4L0	-> 4L2 LOCALLY (4E0) MINOR	0.5-	1
161.1	0031	5B6		0.5-	1
163.7	0032	4L0	-> 4L2	0.5-	1
166.7	0033	5B6		0.5-	1
167.8	0034	4L0	-> 4L2	0.5-	1
169.9	0035	5A6		0.5-	1
173.1	0036	4L2	-> 4L21 LOCALLY	0.5-	1
174.6	0037	4L2		0.5-	1
179.2	0038	5B6		0.5-	1
193.2	0039	5B6	[3G0] BIO	0.5-	1
193.6	0040	5B6		0.5-	1
210.0	0041	3G0	BIO STAUR GAR [1CD]	0.5-	1
211.0	0042	3D4		0.5-	1
212.4	0043	3F0		0.5-	1
213.6	0044	3D4		0.5-	1
215.8	0045	3G0	[1CD]	0.5-	1
217.0	0046	3F0		0.5-	1
223.3	0047	3G0	[1CD]	0.5-	1
227.4	0048	3G0	MAGNETITE PORPHS	0.5-	1
231.9	0049	3G0		0.5-	1
233.0	0050	3F0		0.5-	1
235.0	0051	3G0	[1CD]	0.5-	1

DDH: FAGA209 UTM-N: 904,682.7 UTM-E: 592,550.8 UTM-ELEV: 1,274.9 TOTAL DEPTH: 235.0 SECTION: N 61
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SC ANGLE	SC DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHCC	SDC	PROCESS
FAGA209	0.0	66.0	PS2		0	0	0	0	63	230	0	1	1	1
FAGA209	65.0	71.9	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA209	0.0	71.9	PS2		0	0	0	0	72	230	0	1	1	1
FAGA209	71.9	76.8	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA209	0.0	76.8	CS2		0	0	0	0	75	230	0	1	1	1
FAGA209	76.8	84.2	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA209	0.0	84.2	PS2		0	0	0	0	82	230	0	1	1	1
FAGA209	0.0	90.5	CS2		0	0	0	0	68	230	0	1	1	1
FAGA209	0.0	96.6	CS2		0	0	0	0	73	230	0	1	1	1
FAGA209	84.2	101.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA209	0.0	101.0	CS2		0	0	0	0	61	230	0	1	1	1
FAGA209	0.0	107.9	PS2		0	0	0	0	67	230	0	1	1	1
FAGA209	0.0	112.0	PS2		0	0	0	0	53	230	0	1	1	1
FAGA209	0.0	117.5	PS2		0	0	0	0	75	230	0	1	1	1
FAGA209	0.0	122.8	PS2		0	0	0	0	54	230	0	1	1	1
FAGA209	101.0	126.5	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA209	0.0	128.6	CS2		0	0	0	0	55	230	0	1	1	1
FAGA209	0.0	134.4	CS2		0	0	0	0	36	230	0	1	1	1
FAGA209	126.5	136.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA209	0.0	139.0	CS2		0	0	0	0	45	230	0	1	1	1
FAGA209	0.0	145.0	CS2		0	0	0	0	62	230	0	1	1	1
FAGA209	136.0	149.1	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA209	0.0	151.7	PS2		0	0	0	0	70	230	0	1	1	1
FAGA209	149.1	156.5	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA209	0.0	156.5	PS2		0	0	0	0	62	230	0	1	1	1
FAGA209	0.0	162.1	CS2		0	0	0	0	70	230	0	1	1	1
FAGA209	156.5	168.4	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA209	0.0	168.4	CS2		0	0	0	0	63	230	0	1	1	1
FAGA209	168.4	173.1	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA209	0.0	173.1	PS2		0	0	0	0	59	230	0	1	1	1
FAGA209	0.0	179.0	PS2		0	0	0	0	78	230	0	1	1	1
FAGA209	0.0	184.7	PS2		0	0	0	0	68	230	0	1	1	1
FAGA209	0.0	190.0	PS2		0	0	0	0	70	230	0	1	1	1
FAGA209	0.0	196.0	PS2		0	0	0	0	75	230	0	1	1	1
FAGA209	0.0	201.2	PS2		0	0	0	0	71	230	0	1	1	1
FAGA209	0.0	207.6	PS2		0	0	0	0	74	230	0	1	1	1
FAGA209	0.0	212.4	PS2		0	0	0	0	47	230	0	1	1	1
FAGA209	0.0	218.6	PS2		0	0	0	0	54	230	0	1	1	1
FAGA209	0.0	224.6	PS2		0	0	0	0	80	230	0	1	1	1
FAGA209	0.0	230.0	PS2		0	0	0	0	76	230	0	1	1	1
FAGA209	0.0	235.0	PS2		0	0	0	0	75	230	0	1	1	1
FAGA209	173.1	235.0	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGA209 UTM-N: 904,682.7 UTM-E: 592,550.8 UTM-ELEV: 1,274.9 TOTAL DEPTH: 235.0 SECTION: W 61
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
FAGA209	65.0	65.4	R		0	0	0	0	0	0	1
FAGA209	0.0	101.4	X		0	0	0	0	0	0	1
FAGA209	113.6	114.6	G		0	0	0	0	0	0	1
FAGA209	0.0	124.0	G		0	0	0	0	0	0	1
FAGA209	0.0	126.3	G		0	0	0	0	0	0	1
FAGA209	0.0	127.7	G		0	0	0	0	0	0	1
FAGA209	0.0	129.4	G		0	0	0	0	0	0	1
FAGA209	131.1	133.6	G		0	0	0	0	0	0	1
FAGA209	167.8	169.9	1G		0	0	0	0	0	0	1
FAGA209	173.1	179.2	GF		0	0	0	0	0	0	1
FAGA209	181.7	181.9	G		0	0	0	0	0	0	1
FAGA209	193.2	193.6	RG		0	0	0	0	0	0	1
FAGA209	228.3	228.6	RG		0	0	0	0	0	0	1

DDH: FAGA209 UTM-N: 904,682.7 UTM-E: 592,550.8 UTM-ELEV: 1,274.9 TOTAL DEPTH: 235.0 SECTION: W 61
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	CONO INDICATOR
FAGA209	1	2
FAGA209	2	2
FAGA209	3	2
FAGA209	4	2
FAGA209	5	2
FAGA209	6	2
FAGA209	7	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-A209

Project: GRUM

Location: VANGORDA PLAT

Claim: _____

UTM ~~Terr.~~ Plane Co-ords.: 6904682.735 N

CAMC Mine Survey Grid Co-ords.: 592550.791 E

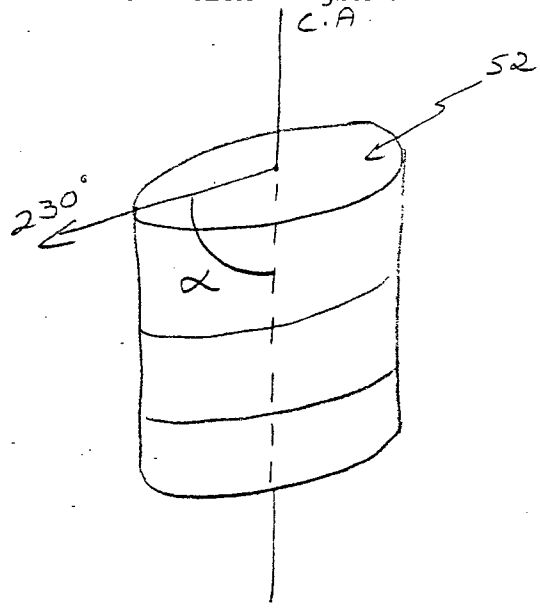
61W/2N

_____

Elevation: 1274.853 m

Total Depth: 235.0 m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with 52 dipping

SW with dip azimuth 230°

Purpose: _____

Logged by: DJH Date(s) Logged: _____

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

_____ _____ _____

_____ _____ _____

_____ _____ _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 80-A209

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	80-A209	11274.9	9046821.7	5912551.8	METERS

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	80-A209	0.0	180.	.	ATCOLLAR
R	80-A209	1759	1771.3	1010.10	
R	80-A209	11016	1751.5	0971.0	
R	80-A209	11369	1731.0	0931.0	
R	80-A209	11673	1721.0	0819.0	
R	80-A209	11978	1731.0	0511.0	
R	80-A209	12283	1721.5	0331.0	
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 80-A209

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By:

Code	From	To	Unit	Code	Description
	0 14	16 20	22 23	25 27	
L	10 0	161 6	1	1 #	tricored
L	161 6	165 0	12	1 #	0/B? w/ sds frags and clay.
L	165 0	165 4	13	4G4	? small frags
L	165 4	165 8	14	4E1 0	
L	165 8	167 4	15	4G1 0	
L	167 4	169 9	16	4E1 0	- sph rich lams.
L	169 9	171 3	17	4G1 0	w/ some 4E.
L	171 3	171 9	18	5A1 6	
L	171 9	181 8	19	5B1 6	
L	181 8	182 0	110	4L1 0	strng ser. alt'n
L	182 0	182 3	111	4D1 0	60-70% tot sdes.
L	182 3	196 6	112	5B1 0	
L	196 6	196 9	113	4L1 0	as unit 10
L	196 9	197 1	114	4D1 0	30-50% tot sdes
L	197 1	197 3	115	4L1 0	as unit 10
L	197 3	1101 0	116	4A1 0	minor sdes (5A19?)
L	1101 0	1101 4	117	4C1 0	60-70% tot sdes; no good fg zite banding
L	1101 4	1110 9	118	5B1 6	→ 5B62 locally; w/ qtz + sdes near T.O.I.
L	1110 9	1111 4	119	4L2	strng ser. alt'n
L	1111 4	1136 210	4C1L		80:20 4C0:4L0; ~60-70% tot sdes
L	1136	1146	121	5B1 6	? grey gouge
L	1146	1171	212	5B1 6	
L	1171	1207	213	4E1 0	w/ minor 4C and 4E.
L	1207	1228	214	5A1 6	
L	1228	1311	215	5B1 6	w/ 20% QQ0 to 123.3; clay @ 123.3, 127.7, 129.4,
L	1311	1336	216	5B1 6	? gouge
	1336	1463	217	5B1 6	
L	1463	1467	218	4L1 0	& 4L2
L	1467	1559	219	5B1 6	
L	1559	1564	310	4L1 0	→ 4L2 locally; strng ser. alt'n

DDH [illegible]

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By:

Code	From	To	Unit	Code	Description
	0 14	16 20	22 23	25 27	
					AS 153.2-154.2 [illegible]
L	1155	1161	31	5E16	
L	1161	1162	32	4L10	→ 4L2 ; strong W.M. alt'n
L	1163	1166	33	5E16	
L	1166	1167	34	4L10	as unit 32
L	1167	1169	35	5A16	minor gouge
L	1169	1172	36	4L2	→ 4L2 [illegible]
L	1172	1174	37	4L2	? gouge [illegible]
L	1174	1179	38	5E16	
L	1179	1193	39	5B16	360? ; grey shale ; [illegible]
					181.9 ; minor dia. [illegible]
L	1193	1193	40	5E16	? 360? [illegible]
L	1193	1210	41	3G10	musc-staur? - bio ± gar. [illegible]
					[illegible]
					pale yellow [illegible] to lmin ; unit
					becoming coarser grained [illegible]
					minor 3E?
L	1210	1211	42	3D4	
L	1211	1212	43	3F10	silicated marble.
L	1212	1213	44	3D4	
L	1213	1215	45	3G10	musc-bio-staur schist
L	1215	1217	46	3F10	silicated marble.
L	1217	1223	47	3G10	musc-staur ± bio schist
L	1223	1227	48	3G10	as unit 45 w/ more pegmatoid
					zones
L	1227	1231	49	3G10	as unit 45 [illegible]
L	1231	1233	50	3F10	silicated marble
L	1233	1235	51	3G10	musc-bio-staur ± gar schist
		EOH			

DDH 80-A209 (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	
S		16160	PS12			6132310	R region 65.0 - 71.9
S		17119	IF12	R		7122310	Z region 71.9 - 76.8
S		1768	IF12	Z		7552310	PS2 region 76.8 - 84.2
S		18142	IF12	P		8122310	(w/ minor S & Z)
S		19055	CS12			6182310	Z region 84.2 - 101.0
S		1966	CS12			7132310	
S		110110	IF12	Z		612310	PS2 region 101.0 - 110.9
S		110179	PS12			6172310	(minor Z)
S		11109	IF12	P			R region 110.9 - 120.8
S		11120	AS12			5132310	
S		11175	PS12			7152310	
S		112008	IF12	R			PS2 region 120.8 - 126.5
S		112128	PS12			5142310	
S		112165	IF12	P			Z region 126.5 - 136.0
S		112186	CS12			5152310	
S		113144	CS12			3162310	
S		113160	IF12	Z			M region (equal S & Z)
S		11390	CS12			4152310	136.0 - 149.1
S		114150	CS12			6122310	
S		114991	IF12	M			PS2 region 149.1 - 156.5
S		115117	PS12			702310	
S		115165	IF12	P		6122310	Z region 156.5 - 168.4
S		116121	CS12			702310	
S		116184	IF12	Z		6132310	PS2 region 168.4 - 173.
S		117131	IF12	P		592310	
							Bxia & gouge zone 173.1 - 17.
							-no sym no S2.
S		117900	PS12			7182310	PS2 region 179.0 - 235.0
S		118197	AS12			682310	
S		119100	PS12			702310	
S		119160	AS12			752310	
S		120112	AS12			712310	
S		120176	PS12			742310	
S		121124	PS12			472310	
S		121186	PS12			542310	
S		122466	PS12			802310	

DDH 80-A209 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: DJH

Code	From	To	Feature	Sys	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		12300	PS2			716 2310	
S		12350	VF2	P		755 2310	
		160W					

DDH 80-A209

Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Page ___ of ___

Logged By: ___

Sampled By: ___

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27	Length	Rec.	Unit
P	1650	1658	59115	0.8	0.8	4EG
P	1658	1674	59116	1.6	1.6	4GO
P	1674	1687	59117	1.3	1.3	4EO
P	1687	1699	59118	1.2	1.2	4EO
P	1699	1713	59119	1.4	1.1	4GO
~~P~~	~~1973~~	~~1993~~		~~2.0~~		~~4AO~~
P	1969	1989	59120	2.0	2.0	4AO
P	1989	11003	59121	1.4	1.4	4AO
	11003	11014	59122	1.1	1.1	4AO
L	11109	11121	59123	1.2	1.2	4CL
L	11121	11136	59124	1.5	1.5	4CL
L	11171	11191	59125	2.0	2.0	4EO
L	11191	11207	59126	1.6	1.6	4EO

DDH FAGA209 (2 W 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
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1650	1654	R					
F		1014	X					
F	1134	1146	G					
F		1240	G					
F		1263	G					
F		1277	G					
F		1294	G					
F	1311	1336	G					
F	1678	1699	IG					
F	1731	1792	GF					
F	1811	1819	G					
F	1932	1936	RG					
F	2283	2286	RG					

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

DDH: FAGA209 -- 132 DEGREE PROFILE

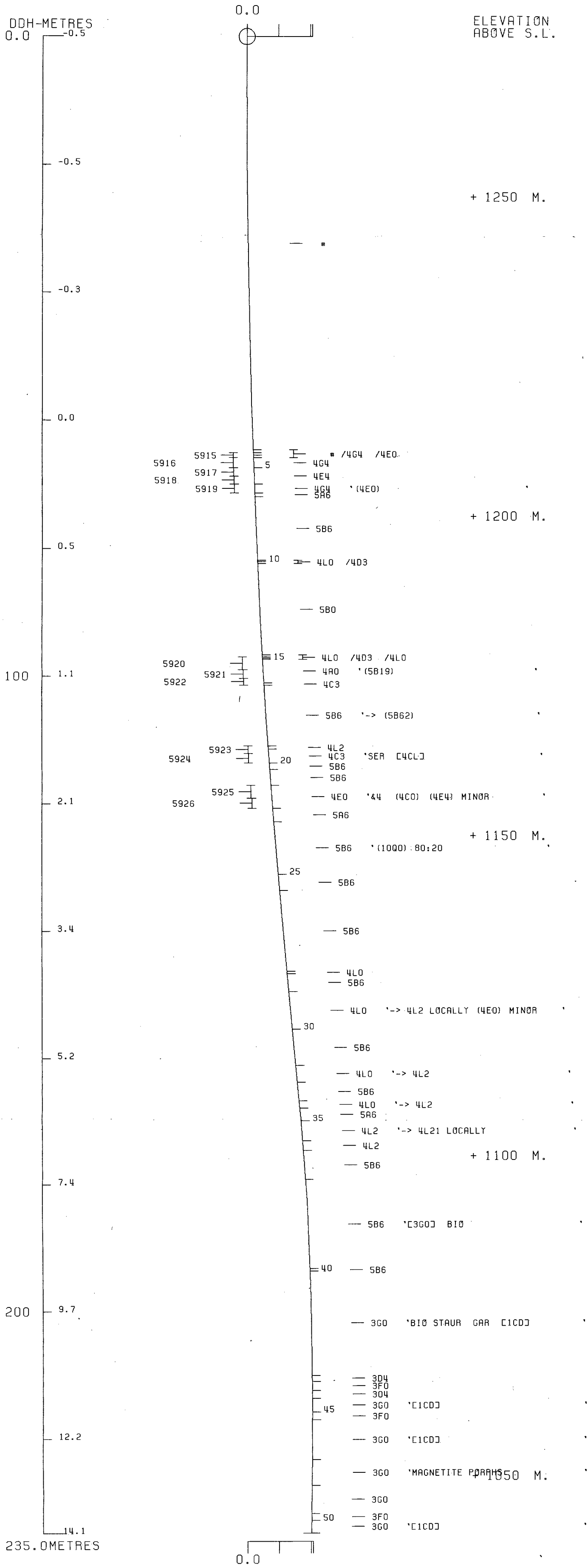
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1275 592551E ; 904683N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 848.2 Z = 1274.9

SECTION NAME: 02N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 26 APR 1984 2:53 PM

DDH: FAGA209 -- 132 DEGREE PROFILE

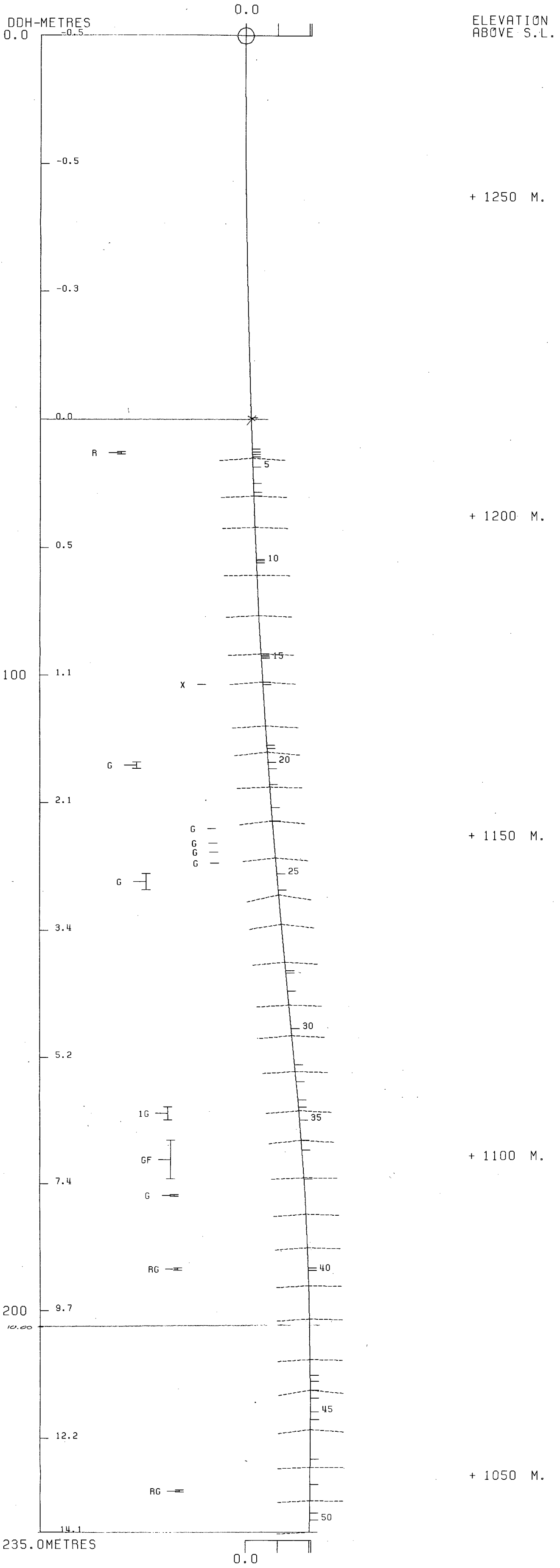
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1275 592551E ; 904683N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 848.2 Z = 1274.9

SECTION NAME: 02N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 26 APR 1984 2:59 PM

FAGA210

DDH	SAMPLE	----DEPTHS---- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAD %	PB+ZN %	PO+PY %	ZN RATIO
FAGA210	5694	66.4	67.9	1.5	93	4G4	4.60	.09	5.10	10.10	84.0	1.10	1.43	22.60		15.20	24.03	.66
	5695	67.9	69.5	1.6	94	4G4	4.61	.05	3.00	6.60	58.0	2.13	.63	18.20		9.60	18.83	.69
	5696	69.5	70.6	1.1	100	4D4	4.17	.13	8.20	15.50	114.0	.69	.59	18.70		23.70	19.29	.65
	5697	70.6	71.8	1.2	92	4D4	3.95	.09	8.40	16.30	172.0	1.37	1.28	17.50		24.70	18.78	.66
	5698	71.8	72.5	.7	100	4G4	4.41	.16	5.40	12.90	116.0	1.65	1.08	15.60		18.30	16.68	.70
	5699	72.5	73.7	1.2	75	4EG	4.77	.09	1.71	4.30	30.0	5.07	1.47	32.40		6.01	33.87	.72
	5700	73.7	74.9	1.2	92	4EG	4.70	.10	1.18	4.50	26.0	.96	4.41	30.30		5.68	34.71	.79
	5701	74.9	76.3	1.4	100	4G4	4.60	.07	4.90	8.30	70.0	1.10	.68	18.70		13.20	19.38	.63
	5702	76.3	77.7	1.4	100	4G4	4.76	.14	5.30	8.90	94.0	1.30	.95	19.90		14.20	20.85	.63
	5703	77.7	79.1	1.4	100	4EG	4.82	.26	1.92	3.60	51.0	.69	3.24	36.90		5.52	40.14	.65
	5704	79.1	80.5	1.4	86	4EG	4.78	.23	4.70	6.60	82.0	1.17	1.91	34.00		11.30	35.91	.58
	5705	80.5	81.5	1.0	100	4DA4	4.78	.22	7.70	11.60	114.0	1.37	1.14	33.10		19.30	34.24	.60
	5706	81.5	83.2	1.7	100	4D4	3.70	.12	6.30	8.00	92.0	1.23	1.06	18.40		14.30	19.46	.56
	5707	83.2	85.3	2.1	100	4A4	3.44	.19	6.40	9.10	85.0	1.23	1.16	15.50		15.50	16.66	.59
	5709	85.3	86.6	1.3	100	4E4	4.56	.24	9.80	20.10	122.0	2.06	1.65	24.10		29.90	25.75	.67
	5710	86.6	88.4	1.8	100	4D4	3.54	.07	8.80	15.90	130.0	1.30	1.51	11.70		24.70	13.21	.64
	5711	88.4	89.6	1.2	100	4A0	2.94	.16	.19	.31	10.0	.48	.78	13.60		.50	14.38	.62
	5712	89.6	90.8	1.2	100	4A0	2.78	.14	.13	.32	5.0	.34	.67	9.80		.45	10.47	.71
	5713	90.8	92.0	1.2	100	4A0	2.79	.17	.19	.26	9.0	.34				.45		.58
	5714	92.0	93.2	1.2	100	4A0	3.12	.13	.06	.38	11.0	.48				.44		.86
	5715	93.2	94.4	1.2	100	4A0	3.22	.13	.06	.38	7.0	.34				.44		.86
	5716	94.4	95.7	1.3	100	4A0	3.15	.16	.06	.10	8.0	.41				.16		.63
	5717	95.7	97.0	1.3	100	4A3	3.38	.20	.09	.40	11.0	.48				.49		.82
	5718	97.0	98.3	1.3	100	4A0	2.96	.24	.07	.37	9.0	.41				.44		.84
	5719	98.3	99.6	1.3	85	4A0	3.03	.19	.06	.68	8.0	.34				.74		.92
	5722	108.5	110.1	1.6	87	4A0	2.99	.11	.95	2.20	27.0	.27				3.15		.70
	5723	110.1	111.7	1.6	100	4A0	3.03	.09	.48	.78	18.0	.48				1.26		.62
	5724	111.7	113.3	1.6	100	4A3	3.32	.17	.28	1.59	13.0	.62				1.87		.85
	5725	113.3	114.0	.7	100	4E0#	3.89	.19	.16	3.07	10.0	.55				3.23		.95
	5726	114.0	115.6	1.6	100	4A0	2.96	.23	.07	1.22	11.0	.48				1.29		.95
	5727	115.6	117.2	1.6	44	4A0	2.83	.14	.04	.16	7.0	.34				.20		.80
	5728	117.2	118.8	1.6	100	4A0	2.79	.12	.08	.36	8.0	.27				.44		.82
	5729	118.8	127.4	8.6	14	4A0	3.10	.25	.07	.71	11.0	.96				.78		.91

84/10/16

GRUM DATABASE - QUIZ REPORT

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGA210	5694	4G4	.26	5.89	15.06	2.25	48.60		27.94	*	.25	3.14	15.07	1.96	38.91		40.67
	5695	4G4	.14	3.46	9.84	.99	39.14		46.42	*	.12	1.66	8.82	.77	28.08		60.55
	5696	4D4	.38	9.47	23.11	.93	40.21		25.90	*	.36	5.09	23.30	.81	32.44		37.99
	5697	4D4	.26	9.70	24.30	2.01	37.63		26.09	*	.25	5.20	24.41	1.76	30.25		38.13
	5698	4G4	.46	6.24	19.23	1.70	33.55		38.82	*	.41	3.09	17.84	1.37	24.90		52.39
	5699	4EG	.26	1.97	6.41	2.31	69.68		19.37	*	.26	1.12	6.85	2.15	59.53		30.09
	570C	4EG	.29	1.36	6.71	6.94	65.16		19.54	*	.29	.77	7.11	6.40	55.28		30.15
	5701	4G4	.20	5.66	12.37	1.07	40.21		40.48	*	.18	2.81	11.50	.86	29.91		54.74
	5702	4G4	.40	6.12	13.27	1.49	42.79		35.92	*	.37	3.12	12.67	1.24	32.70		49.90
	5703	4EG	.75	2.22	5.37	5.10	79.35		7.22	*	.84	1.38	6.26	5.17	74.10		12.25
	5704	4EG	.66	5.43	9.84	3.00	73.12		7.95	*	.74	3.36	11.44	3.04	67.99		13.44
	5705	4DA4	.64	8.89	17.29	1.79	71.18		.20	*	.74	5.82	21.23	1.91	69.92		.36
	5706	4D4	.35	7.28	11.93	1.67	39.57		39.21	*	.31	3.65	11.22	1.36	29.78		53.67
	5707	4A4	.55	7.39	13.57	1.82	33.33		43.34	*	.48	3.61	12.41	1.45	24.39		57.66
	5709	4E4	.69	11.32	29.97	2.59	51.83		3.60	*	.77	7.05	35.00	2.64	48.43		6.12
	571C	4D4	.20	10.16	23.70	2.37	25.16		38.40	*	.18	5.05	22.08	1.92	18.75		52.02
	5711	4A0	.46	.22	.46	1.23	29.25		68.38	*	.35	.09	.37	.85	18.73		79.60
	5712	4A0	.40	.15	.48	1.05	21.07		76.84	*	.30	.06	.37	.70	12.92		85.65
	5713	4A0	.49	.22	.39				98.90	*							
	5714	4A0	.38	.07	.57				98.99	*							
	5715	4A0	.38	.07	.57				98.99	*							
	5716	4A0	.46	.07	.15				99.32	*							
	5717	4A3	.58	.10	.60				98.72	*							
	5718	4A0	.69	.08	.55				98.67	*							
	5719	4A0	.55	.07	1.01				98.37	*							
	5722	4A0	.32	1.10	3.28				95.31	*							
	5723	4A0	.26	.55	1.16				98.02	*							
	5724	4A3	.49	.32	2.37				96.81	*							
	5725	4E0#	.55	.18	4.58				94.69	*							
	5726	4A0	.66	.08	1.82				97.44	*							
	5727	4A0	.40	.05	.24				99.31	*							
	5728	4A0	.35	.09	.54				99.02	*							
	5729	4A0	.72	.08	1.06				98.14	*							

DRILL HOLE : FAGA210
NORTHING : 904,763.3
EASTING : 592,461.8
ELEVATION : 1,276.3
TOTAL DEPTH : 127.4
SECTION : W 65
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:	33
NOS DOWN-H-SURVEYS:	3
NOS DOWN-H-LITHOLOGY:	27
NOS DOWN-H-STRUCTURE:	22
NOS DOWN-H-FAULTS:	12
NOS DOWN-H-SPLINES:	3
NOS COMPOSITES:	0

DDH: FAGA210 UTM-N: 904,763.3 UTM-E: 592,461.8 UTM-ELEV: 1,276.3 TOTAL DEPTH: 127.4 SECTION: W 65
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
66.4	67.9	05694	1.5	1.4	4G4	4.60	.09	5.10	10.10	84.00		1.10	1	22	24						
67.9	69.5	05695	1.6	1.5	4G4	4.61	.05	3.00	6.60	58.00		2.13		18	18						
69.5	70.6	05696	1.1	1.1	4D4	4.17	.13	8.20	15.50	114.00		.69		18	19						
70.6	71.8	05697	1.2	1.1	4D4	3.95	.09	8.40	16.30	172.00		1.37	1	17	18						
71.8	72.5	05698	.7	.7	4G4	4.41	.16	5.40	12.90	116.00		1.65	1	15	16						
72.5	73.7	05699	1.2	.9	4EG	4.77	.09	1.71	4.30	30.00		5.07	1	32	33						
73.7	74.9	05700	1.2	1.1	4EG	4.70	.10	1.18	4.50	26.00	29.00	.96	4	30	34						
74.9	76.3	05701	1.4	1.4	4G4	4.60	.07	4.90	8.30	70.00		1.10		18	19						
76.3	77.7	05702	1.4	1.4	4G4	4.76	.14	5.30	8.90	94.00		1.30		19	20						
77.7	79.1	05703	1.4	1.4	4EG	4.82	.26	1.92	3.60	51.00		.69	3	36	40						
79.1	80.5	05704	1.4	1.2	4EG	4.78	.23	4.70	6.60	82.00		1.17	1	34	35						
80.5	81.5	05705	1.0	1.0	4DA4	4.78	.22	7.70	11.60	114.00		1.37	1	33	34						
81.5	83.2	05706	1.7	1.7	4D4	3.70	.12	6.30	8.00	92.00		1.23	1	18	19						
83.2	85.3	05707	2.1	2.1	4A4	3.44	.19	6.40	9.10	85.00		1.23	1	15	16						
85.3	86.6	05709	1.3	1.3	4E4	4.56	.24	9.80	20.10	122.00		2.06	1	24	25						
86.6	88.4	05710	1.8	1.8	4D4	3.54	.07	8.80	15.90	130.00	123.00	1.30	1	11	13						
88.4	89.6	05711	1.2	1.2	4A0	2.94	.16	.19	.31	10.00		.48		13	14						
89.6	90.8	05712	1.2	1.2	4A0	2.78	.14	.13	.32	5.00		.34		9	10						
90.8	92.0	05713	1.2	1.2	4A0	2.79	.17	.19	.26	9.00		.34									
92.0	93.2	05714	1.2	1.2	4A0	3.12	.13	.06	.38	11.00		.48									
93.2	94.4	05715	1.2	1.2	4A0	3.22	.13	.06	.38	7.00		.34									
94.4	95.7	05716	1.3	1.3	4A0	3.15	.16	.06	.10	8.00		.41									
95.7	97.0	05717	1.3	1.3	4A3	3.38	.20	.09	.40	11.00		.48									
97.0	98.3	05718	1.3	1.3	4A0	2.96	.24	.07	.37	9.00		.41									
98.3	99.6	05719	1.3	1.1	4A0	3.03	.19	.06	.68	8.00		.34									
108.5	110.1	05722	1.6	1.4	4A0	2.99	.11	.95	2.20	27.00		.27									
110.1	111.7	05723	1.6	1.6	4A0	3.03	.09	.48	.78	18.00		.48									
111.7	113.3	05724	1.6	1.6	4A3	3.32	.17	.28	1.59	13.00		.62									
113.3	114.0	05725	.7	.7	4EO#	3.89	.19	.16	3.07	10.00		.55									
114.0	115.6	05726	1.6	1.6	4A0	2.96	.23	.07	1.22	11.00		.48									
115.6	117.2	05727	1.6	.7	4A0	2.83	.14	.04	.16	7.00		.34									
117.2	118.8	05728	1.6	1.6	4A0	2.79	.12	.08	.36	8.00		.27									
118.8	127.4	05729	8.6	1.2	4A0	3.10	.25	.07	.71	11.00		.96									
WEIGHTED AVERAGE																					
66.4	99.6		33.2	32.1		3.89	.14	3.73	6.72	61.85	7.71	1.12	1	15	16						
108.5	127.4		18.9	10.4		3.07	.19	.19	.97	12.48		.66									

DDH: FAGA210 UTM-N: 904,763.3 UTM-E: 592,461.8 UTM-ELEV: 1,276.3 TOTAL DEPTH: 127.4 SECTION: K 65
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	177.500	11.000
100.600	178.000	61.000

DDH: FAGA210 UTM-N: 904,763.3 UTM-E: 592,461.8 UTM-ELEV: 1,276.3 TOTAL DEPTH: 127.4 SECTION: W 65
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
59.2	0001	#		0.5-	1
61.9	0002	5B6		0.5-	1
64.2	0003	4L2		0.5-	1
66.4	0004	5B6		0.5-	1
69.5	0005	4G4		0.5-	1
71.8	0006	4D4	&6? &5	0.5-	1
72.5	0007	4G4		0.5-	1
74.9	0008	4E0	(4G4) MINOR/ &# &POROUS	0.5-	1
77.7	0009	4G4	(4E0) MINOR	0.5-	1
80.5	0010	4E0	(4G4) MINOR	0.5-	1
81.5	0011	4E4	(4E0)	0.5-	1
83.2	0012	4D4		0.5-	1
83.7	0013	4A4		0.5-	1
85.3	0014	4D4		0.5-	1
86.6	0015	4E4	POROUS & BXA (4E0)	0.5-	1
88.4	0016	4D4	&5 (4A3)	0.5-	1
99.6	0017	4A0	&3 BXA (4C0)	0.5-	1
100.9	0018	5B6	(5D4*)	0.5-	1
103.0	0019	4L0	(5B6) MINOR	0.5-	1
103.5	0020	4A3		0.5-	1
104.2	0021	4L2	(5D4*)	0.5-	1
108.5	0022	*	ADIT	0.5-	1
113.3	0023	4A0	&3 BXA	0.5-	1
114.0	0024	4EC#	BXA	0.5-	1
118.8	0025	4A0	BXA	0.5-	1
121.3	0026	4A0		0.5-	1
127.4	0027	4A0		0.5-	1

DDH: FAGA210 UTM-N: 904,763.3 UTM-E: 592,461.8 UTM-ELEV: 1,276.3 TOTAL DEPTH: 127.4 SECTION: W 65
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
FAGA210	0.0	60.8	CS2		0	0	0	0	38	230	0	1	1	1
FAGA210	59.2	61.9	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA210	0.0	71.0	PS2		0	0	0	0	51	230	0	1	1	1
FAGA210	0.0	76.2	PS2		0	0	0	0	62	230	0	1	1	1
FAGA210	0.0	82.8	PS2		0	0	0	0	41	230	0	1	1	1
FAGA210	0.0	87.6	PS2		0	0	0	0	64	230	0	1	1	1
FAGA210	61.9	87.6	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA210	0.0	89.1	CS2		0	0	0	0	74	230	0	1	1	1
FAGA210	87.6	89.8	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA210	89.8	90.9	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA210	0.0	91.7	CS2		0	0	0	0	59	230	0	1	1	1
FAGA210	90.9	93.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA210	0.0	94.9	CS2		0	0	0	0	15	230	0	1	1	1
FAGA210	0.0	96.9	CS2		0	0	0	0	60	230	0	1	1	1
FAGA210	93.0	98.7	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA210	0.0	99.2	PS2		0	0	0	0	47	230	0	1	1	1
FAGA210	98.7	99.7	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA210	0.0	104.1	CS2		0	0	0	0	50	230	0	1	1	1
FAGA210	99.7	111.6	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA210	111.6	113.9	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA210	0.0	115.9	CS2		0	0	0	0	72	230	0	1	1	1
FAGA210	113.9	127.4	CS2	Z	0	0	0	0	0	0	0	1	1	1

DDH: FAGA210 UTM-N: 904,763.3 UTM-E: 592,461.8 UTM-ELEV: 1,276.3 TOTAL DEPTH: 127.4 SECTION: W 65
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
FAGA210	59.2	61.9	1G			0	0	C	C	0	0	1
FAGA210	61.9	66.4	2G			0	0	C	C	0	0	1
FAGA210	86.3	86.6	1D			C	0	C	C	0	0	1
FAGA210	87.1	89.0	X			C	0	C	C	0	0	1
FAGA210	0.0	99.6	G			0	0	C	C	0	0	1
FAGA210	103.0	103.5	B			0	0	C	C	0	0	1
FAGA210	104.2	108.5	NNN			0	0	C	C	0	0	1
FAGA210	111.2	112.3	X			0	0	C	C	0	0	1
FAGA210	113.3	114.0	D?			0	0	C	C	0	0	1
FAGA210	117.9	118.8	X?			0	0	C	C	0	0	1
FAGA210	118.8	121.3	G			0	0	C	0	0	0	1
FAGA210	121.3	127.4	P	1		0	0	C	C	0	0	1

DDH: FAGA210 UTM-N: 904,763.3 UTM-E: 592,461.8 UTM-ELEV: 1,276.3 TOTAL DEPTH: 127.4 SECTION: W 65
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA210	1	2
FAGA210	2	2
FAGA210	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-A210

Project: GRUM

Location: VANGORDA PLATEAU

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 6904763.316 N

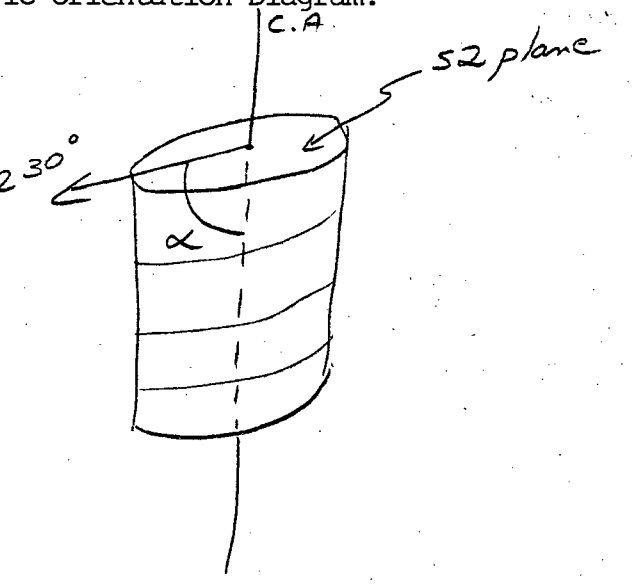
AMC Mine Survey 592461.762 E

Grid Co-ords.: 65W/2N

Elevation: 1276.258

Total Depth: 127.4m.

Fabric Orientation Diagram:



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

Purpose:

Logged by: PN Date(s) Logged: NOV. 9, 1980

Drilling Contractor: Arctic D.D.

Core:

Size	From	To
NQ	0	EOH

Collar Cased and Capped:

Started: Completed:

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 80-A210

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	80-A210	1276.3	9047163.3	592461.8	METERS

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	80-A210	0 0	180.0	.	AT COLLAR
R	80-A210	610	177.5	011.0	
R	80-A210	1006	178.0	006.0	
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 88-A210 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PN

Cod	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	10.0	15.92	11		O/B Tricone;
L	15.92	16.19	25	5B16	Small scattered gouge zones; calcareous & py tension vein fillings; few PbZn bands 61.8-61.9m
L	16.19	16.42	3	4L42	intermittent gouge; 50% gouge;
L	16.42	16.64	14	5B16	to unit 2; intermittent gouge; 60% gouge;
L	16.64	16.95	5	4G14	10% PbZn; honey-colored sph;
L	16.95	17.18	16	4D14	5% PbZn; minor barite; few graphite bands
L	17.18	17.25	17	4B14	to unit-5;
L	17.25	17.49	18	4E10	minor 4G4 interbands 73.3-73.6, 73.8-74.1m; locally porous & friable; few calc. blebs (<2cm. dia.
L	17.49	17.77	19	4G14	10% PbZn. minor 4E0 interbands;
L	17.77	18.05	110	4E0	w/ 3% PbZn (honey-colored sph); 4G4 79.5-79.8m (12% PbZn);
L	18.05	18.115	111	4E14	10% PbZn; 4E0 80.9-81.1m;
L	18.115	18.32	112	4D14	10% PbZn;
L	18.32	18.37	113	4A14	8% PbZn;
L	18.37	18.53	114	4D14	10% PbZn;
L	18.53	18.66	115	4E14	8% PbZn; porous; minor 4E0; slightly brecciated 86.3-86.6m
L	18.66	18.84	116	4D14	w/ minor graphitic bands (4A4); 4A3 86.8-87.1m; brecciated 87.1-88.4m;
L	18.84	19.96	117	4A13	brecciated w/ 4E0 clasts in a graphitic matrix 88.4-89.0m; minor 4E0;
L	19.96	110.09	118	5B16	gouge contact at 99.6m w/ manganese gouge; minor py stringers;
L	110.09	110.30	119	4L40	minor py; 5B16;
L	110.30	110.35	120	4A13	broken core;
L	110.35	110.42	121	4L12	SD4 bleached w/ chl. bands 103.8-104.0m;
L	110.42	110.85	212		no core; underground drift;
L	110.85	111.33	213	4A13	brecciated 111.2-112.3m;
L	111.33	111.40	214	4E0	brecciated w/ minor calcareous py matrix;
L	111.40	111.88	215	4A13	brecciated 117.9-118.8m;
L	111.88	112.13	216	4A13	gouge
L	112.13	112.7	127	4A13	poor recovery — 0.6/6.1m;
		EOH			

DDH 82-A210 (2 / 8) — Cyprus Anvil Mining Corp. — Structural Log

Logged By: PN

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		160.8	CS12			38 2310	
S		161.9	FI2	S			R region 161.9 – 87.6m;
							90% massive sulph;
S		171.0	PS12			51 2310	
S		176.2	PS12			62 2310	
S		182.8	PS12			41 2310	
S		187.6	PS12			61 2310	
S		187.6	FI2	R			Z sym. 87.6 – 89.8m;
S		189.1	CS12			74 2310	
S		189.8	FI2	S			S sym. 89.8 – 90.9m;
S		190.9	FI2	Z			Z sym. 90.9 – 93.0m;
S		191.7	CS12			59 2310	
S		193.0	FI2	S			S sym. 93.0 – 98.7m; minor
							Z sym;
S		194.9	CS12			15 2310	
S		196.9	CS12			60 2310	
S		197.7	FI2	S		"	R region 98.7 – 99.7m;
S		199.2	PS12			47 2310	
S		199.7	FI2	R			Z sym. 99.7 – 111.6m;
S		210.4	CS12			50 2310	
S		211.6	FI2	Z			R region 111.6 – 113.9m;
S		213.9	FI2	R			Z sym. 113.9 – 127.4m;
S		215.9	CS12			72 2310	
		EOH					

DDH 82-AZ-10

Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Logged By: PN

Sampled By:

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27	LENGTH	RECOVERY	UNIT
P	1616	1679	156914	1.5	1.4	4G4
P	1679	1695	156915	1.6	1.5	4G4
P	1695	1706	156916	1.1	1.1	4D4
P	1706	1718	156917	1.2	1.1	4D4
P	1718	1725	156918	0.7	0.7	4G4
P	1725	1737	156919	1.2	0.9	4E0
P	1737	1749	157010	1.2	1.1	4E0
P	1749	1763	157011	1.4	1.4	4G4
P	1763	1777	157012	1.4	1.4	4G4
P	1777	1791	157013	1.4	1.4	4E0
P	1791	1805	157014	1.4	1.2	4E0
P	1805	1815	157015	1.0	1.0	4E4
P	1815	1832	157016	1.7	1.7	4D4
P	1832	1853	157017	2.1	2.1	4A4
						4D4
P	1853	1866	157019	1.3	1.3	4E4
P	1866	1884	157110	1.8	1.8	4D4
P	1884	1896	157111	1.2	1.2	4A3
P	1896	1908	157112	1.2	1.2	4A3
P	1908	1920	157113	1.2	1.2	4A3
P	1920	1932	157114	1.2	1.2	4A3
P	1932	1949	157115	1.2	1.2	4A3
P	1944	1957	157116	1.3	1.3	4A3
P	1957	1970	157117	1.3	1.3	4A3
P	1970	1983	157118	1.3	1.3	4A3
P	1983	1996	157119	1.3	1.1	4A3
~~P~~	~~1030~~	~~1035~~		~~0.5~~		4A3
~~P~~	~~1035~~	~~1048~~		~~0.7~~		4C2
P	10985	11107	157212	1.6	1.4	4A3
P	11110	11127	157213	1.6	1.6	4A3
P	11127	11135	157214	1.6	1.6	4A3
P	11133	11140	157215	0.7	0.7	4E0
P	11140	11156	157216	1.6	1.6	4A3
P	11156	11172	157217	1.6	0.7	4A3

DDH 80-AZ-10

Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Logged By: PN

Sampled By:

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27	LENGTH	RECOVERY	UNIT
P	1172	1188	157228	1.6	1.6	4A3
P	1188	1274	157229	8.6	1.2	4A3

DDH FRGA210 (2 meters 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	592	619	1G					
F	619	664	2G					
F	863	865	1D					
F	871	890	X					
F		996	G					
F	1030	1053	B					
F	1040	1085	NNN					
F	1116	1123	X					
F	1133	1140	D?					
F	1179	1188	X?					
F	1188	1213	G					
F	1213	1274	P	1				

DDH: FAGA210 -- 132 DEGREE PROFILE

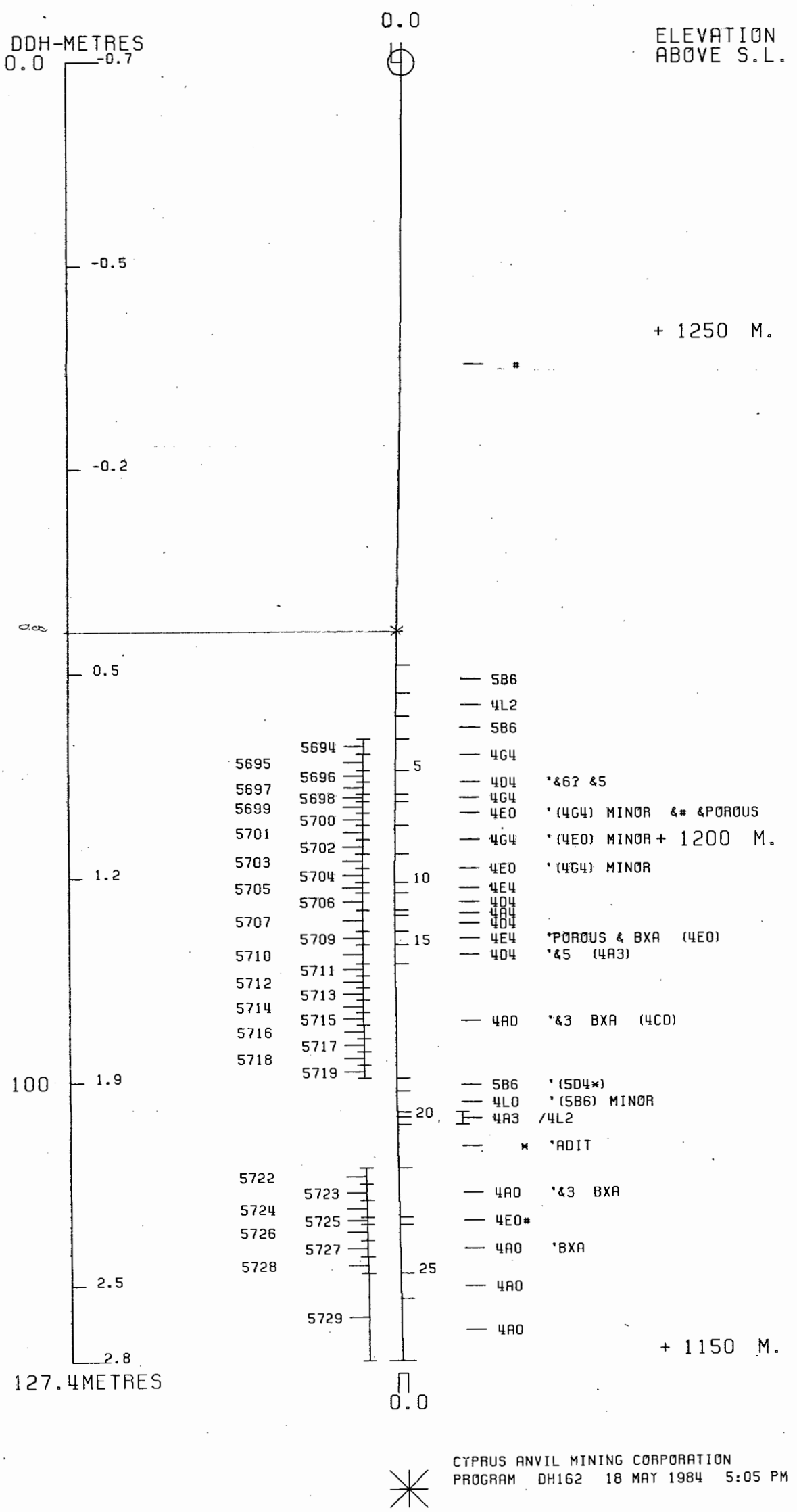
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1276 592462E ; 904763N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 728.1 Z = 1276.3

SECTION NAME: 02N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 18 MAY 1984 5:05 PM

DDH: FAGA210 -- 132 DEGREE PROFILE

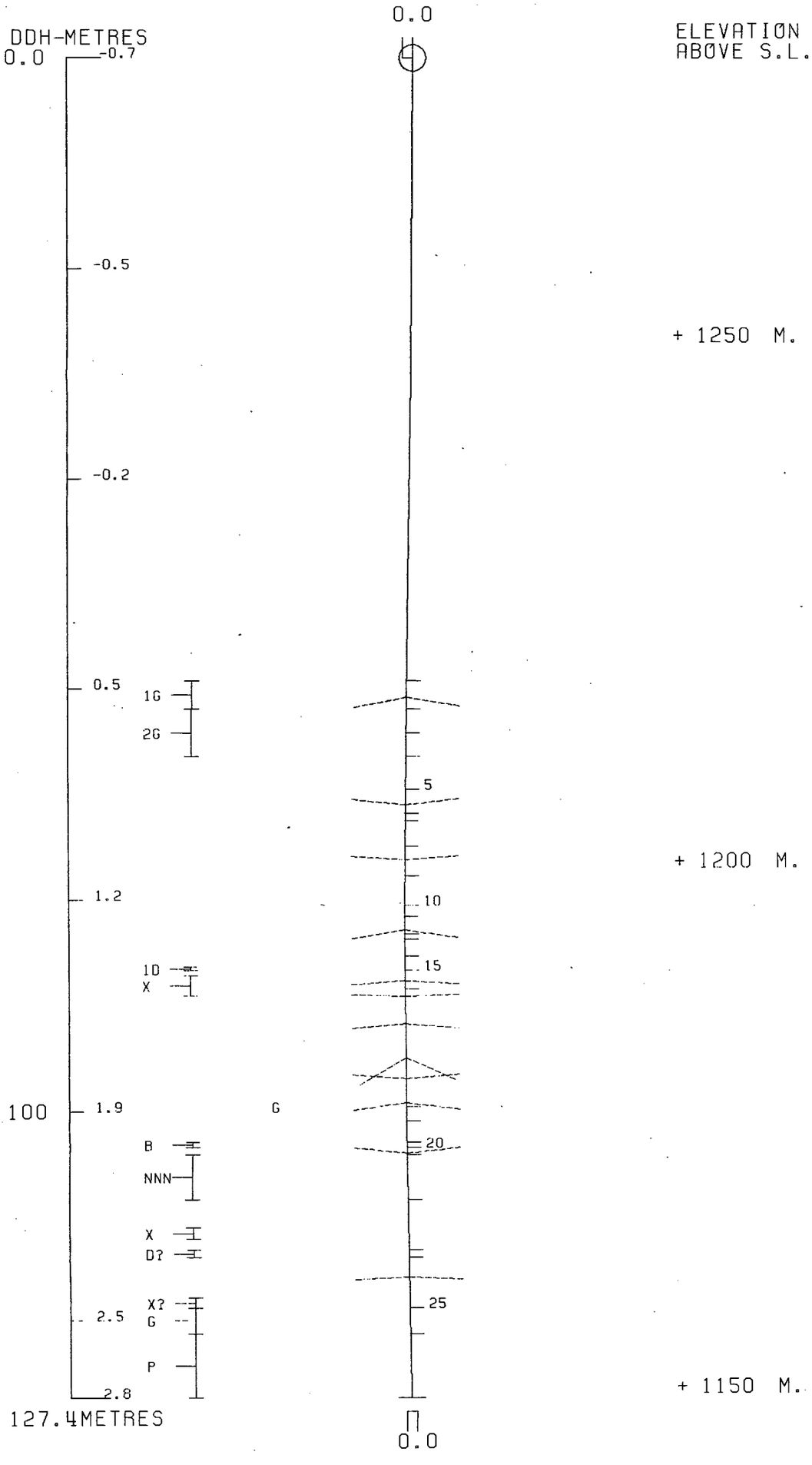
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1276 592462E ; 904763N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 728.1 Z = 1276.3

SECTION NAME: 02N



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH161 18 MAY 1984 5:04 PM

FAGA 211

DDH	SAMPLE	----DEPTHS---- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAC %	PB+ZN %	PO+PY %	ZN RATIO
FAGA211	5735	55.3	55.3	2.0	100	4DE4	3.79	.04	8.10	20.10	138.0	1.30	2.71	13.60		28.20	16.31	.71
	5736	55.3	57.3	2.0	100	4D43	3.62	.07	8.00	18.40	144.0	.69	2.45	12.20		26.40	14.65	.70
	5737	57.3	58.6	1.3	100	4D43	3.70	.05	6.30	15.60	112.0	.62	1.84	14.30		21.90	16.14	.71
	5738	58.6	59.7	1.1	100	4E4	4.55	.28	2.70	7.50	62.0	.65	2.91	34.80		10.20	37.71	.74
	5739	59.7	60.8	1.1	100	4E0	4.82	.12	1.35	2.80	30.0	.82	2.42	41.60		4.15	44.02	.67
	5740	60.8	62.4	1.6	100	4D43	3.83	.06	7.60	17.70	144.0	.41	2.07	14.40		25.30	16.47	.70
	5741	62.4	63.6	1.2	100	4C3	3.56	.07	5.00	11.40	92.0	.69	.80	12.10		16.40	12.90	.70
	5742	63.6	65.1	1.5	100	4C3	3.46	.05	3.20	6.10	58.0	.69	1.19	12.20		9.30	13.39	.66
	5743	65.1	66.3	1.2	100	4G4	3.62	.02	4.70	10.40	82.0	.62	1.45	13.00		15.10	14.45	.69
	5744	66.3	67.6	1.3	100	4D34	3.95	.05	6.40	16.40	120.0	1.10	3.02	15.40		22.80	18.42	.72
	5745	67.6	68.9	1.3	100	4D34	4.20	.10	7.40	16.40	132.0	1.23	3.25	18.90		23.80	22.15	.69
	5746	68.9	70.6	1.7	100	4E4	4.30	.16	8.20	17.10	134.0	1.92	3.02	19.80		25.30	22.82	.68
	5747	70.6	72.0	1.4	100	4D435	3.78	.21	6.30	8.60	104.0	2.40	1.83	17.00		14.90	18.83	.58
	5748	72.0	73.8	1.8	100	4C3	3.64	.26	.20	.45	12.0	1.03	1.79	24.30		.65	26.09	.69
	5749	73.8	75.1	1.3	100	4A3	3.21	.15	.08	.51	10.0	.69	.75	15.50		.59	16.25	.86
	5750	75.1	76.3	1.2	100	4A3	3.31	.18	.08	.54	12.0	.75				.62		.87
	5751	76.3	78.3	2.0	100	4C35	3.32	.24	.08	.73	14.0	.89				.81		.90
	5752	78.3	80.3	2.0	100	4C35	3.54	.28	.06	.35	14.0	.89				.41		.85
	5753	80.3	81.5	1.2	100	4C35	3.55	.22	.14	1.00	17.0	.75	2.07	21.80		1.14	23.87	.88
	5754	81.5	83.2	1.7	100	4C3	3.51	.31	.06	.33	9.0	.69	2.45	21.10		.39	23.55	.85
	5755	83.2	84.4	1.2	100	4C35	3.66	.26	2.20	1.73	162.0	1.17	2.13	18.70		3.93	20.83	.44
	5756	84.4	85.7	1.3	100	4C35	3.42	.15	3.20	3.20	45.0	1.17	1.55	16.60		6.40	18.15	.50
	5757	85.7	87.7	2.0	100	4D354	3.62	.16	6.90	9.50	82.0	1.37	2.57	15.30		16.40	17.87	.58
	5758	87.7	89.7	2.0	100	4D35	3.37	.08	3.40	4.50	55.0	1.58	1.15	15.50		7.90	16.65	.57
	5759	89.7	91.2	1.5	100	4A0	3.49	.12	1.29	1.35	18.0	.96	1.42	19.90		2.64	21.32	.51
	5760	91.2	92.8	1.6	100	4A0	3.19	.13	1.05	1.34	24.0	.69	1.66	14.40		2.39	16.06	.56
	5761	92.8	94.5	1.7	100	4C3	3.53	.36	.75	.92	14.0	.82	2.30	21.60		1.67	23.90	.55
	5762	94.5	96.3	1.8	100	4C3	3.56	.26	.43	.40	10.0	.69	2.85	21.00		.83	23.85	.48
	5763	96.3	98.3	2.0	100	4A0	3.28	.15	.27	.61	8.0	.55				.88		.69
	5764	98.3	100.3	2.0	100	4A0	3.36	.15	.40	.67	12.0	.69				1.07		.63
	5765	100.3	102.3	2.0	100	4A0	3.38	.18	.95	1.32	22.0	.69				2.27		.58
	5766	102.3	104.3	2.0	100	4A0	3.21	.16	.07	.28	8.0	.41				.35		.80
	5767	104.3	106.3	2.0	100	4A0	3.29	.23	.07	.32	6.0	.48				.39		.82
	5768	106.3	108.3	2.0	100	4A0	3.21	.15	.07	.17	6.0	.41				.24		.71
	5769	108.3	110.3	2.0	100	4A0	3.48	.53	.10	.24	14.0	.55				.34		.71
	5770	110.3	112.3	2.0	100	4A0	2.96	.27	.07	.37	10.0	.27				.44		.84
	5771	112.3	113.0	.7	100	4A0	3.02	.34	.07	.60	8.0	.34				.67		.90
	5772	113.0	114.0	1.0	100	4C0	3.19	.21	.06	.28	8.0	.27				.34		.82
	5773	114.0	116.0	2.0	100	4A0	2.89	.09	.06	.33	4.0	.21				.39		.85
	5774	116.0	118.0	2.0	100	4A0	2.97	.15	.07	.64	8.0	.27				.71		.90
	5775	118.0	120.0	2.0	100	4A0	2.92	.13	.06	.37	6.0	.34				.43		.86
	5776	120.0	122.0	2.0	100	4A0	2.85	.04	.01	.64	3.0	.21	2.93	4.12		.65	7.05	.98
	5777	122.0	124.0	2.0	100	4A0	3.04	.15	.02	.59	4.0	.34	2.89	10.40		.61	13.29	.97
	5778	124.0	125.7	1.7	100	4A0	3.22	.17	1.48	1.11	22.0	1.10	1.38	11.30		2.59	12.68	.43
	5779	125.7	128.0	2.3	100	4E0	4.68	.40	2.50	1.16	40.0	1.44	1.18	40.20		3.66	41.38	.32
	5780	128.0	129.7	1.7	100	4E4	4.67	.33	3.90	1.73	66.0	1.71	1.15	39.40		5.63	40.55	.31
	5781	129.7	131.0	1.3	100	4E0	4.69	.42	1.41	1.42	30.0	1.58	2.01	41.50		2.83	43.51	.50
	5782	131.0	132.3	1.3	100	4E0	4.85	.36	1.77	1.58	33.0	1.65	1.22	42.70		3.35	43.92	.47
	5783	132.3	134.3	2.0	100	4EC	4.03	.23	1.23	1.21	32.0	1.30	2.21	29.40		2.44	31.61	.50
	5784	134.3	136.0	1.7	100	4EC4	3.90	.23	3.20	3.90	56.0	1.71	1.53	25.40		7.10	26.93	.55
	5785	136.0	138.0	2.0	100	4EA4	4.22	.25	3.70	4.10	87.0	1.85	1.25	26.70		7.80	27.95	.53
	5786	138.0	140.0	2.0	100	4EA4	3.79	.29	2.60	4.30	63.0	1.92	1.31	29.70		6.90	31.01	.62
	5787	140.0	141.6	1.6	100	4EA	4.33	.27	1.14	1.36	26.0	1.17	1.17	33.70		2.50	34.87	.54
	5788	141.6	143.3	1.7	100	4EA4	4.19	.37	3.00	3.60	56.0	1.78	1.42	27.40		6.60	28.82	.55
	5789	143.3	143.8	.5	100	4D74	3.80	.40	9.00	11.50	141.0	1.17	10.13	9.00		20.50	19.13	.56

DDH	SAMPLE	----DEPTHS---- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGA211	5790	174.0	175.9	1.8	100	4CE84	3.93	.28	2.90	2.50	45.0	.14				5.40		.46
	5791	202.0	204.2	2.2	100	4G4	4.21	.16	5.50	7.60	86.0	1.51	2.40	15.20		13.10	17.60	.58
	5792	204.2	206.2	2.0	100	4E84	4.31	.32	3.80	3.29	60.0	1.44	7.99	27.00		7.09	34.99	.46
	5793	206.2	208.1	1.9	100	4E84	4.14	.34	2.50	2.64	38.0	1.17	8.67	27.10		5.14	35.77	.51

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PC	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PC	PY	BAR	OTHER
FAGA211	5735	4DE4	.12	9.35	29.97	4.26	29.25		27.06	*	.11	4.91	29.52	3.65	23.05		38.76
	5736	4D43	.20	9.24	27.43	3.85	26.24		33.04	*	.18	4.70	26.14	3.19	20.00		45.79
	5737	4D43	.14	7.28	23.26	2.89	30.75		35.68	*	.13	3.65	21.88	2.37	23.15		48.82
	5738	4E4	.81	3.12	11.18	4.58	74.84		5.48	*	.90	1.95	13.09	4.66	70.08		9.33
	5739	4EC	.35	1.56	4.17	3.81	89.46		.05	*	.41	1.02	5.14	4.08	88.18		1.17
	5740	4D43	.17	8.79	26.39	3.26	30.97		30.44	*	.16	4.54	25.59	2.75	24.03		42.94
	5741	4C3	.20	5.77	17.00	1.26	26.02		49.75	*	.17	2.69	14.84	.96	18.17		63.18
	5742	4C3	.14	3.70	9.09	1.87	26.24		58.96	*	.12	1.65	7.61	1.36	17.55		71.72
	5743	4C4	.06	5.43	15.50	2.28	27.96		48.77	*	.05	2.55	13.63	1.74	19.66		62.37
	5744	4D34	.14	7.39	24.45	4.75	33.12		30.15	*	.13	3.83	23.74	4.01	25.72		42.57
	5745	4D34	.29	8.55	24.45	5.11	40.64		20.96	*	.28	4.71	25.28	4.59	33.61		31.52
	5746	4E4	.46	9.47	25.49	4.75	42.58		17.25	*	.47	5.36	27.04	4.38	36.14		26.61
	5747	4D435	.61	7.28	12.82	2.88	36.56		39.86	*	.54	3.63	11.98	2.34	27.33		54.18
	5748	4C3	.75	.23	.67	2.82	52.26		43.27	*	.66	.11	.62	2.25	38.46		57.90
	5749	4A3	.43	.09	.76	1.18	33.33		64.20	*	.34	.04	.62	.84	21.80		76.36
	5750	4A3	.52	.09	.81				98.58	*							
	5751	4C35	.69	.09	1.09				98.13	*							
	5752	4C35	.81	.07	.52				98.60	*							
	5753	4C35	.64	.16	1.49	3.26	46.88		47.58	*	.54	.08	1.33	2.53	33.57		61.94
	5754	4C3	.90	.07	.49	3.85	45.38		49.31	*	.76	.03	.44	2.97	32.19		63.61
	5755	4C35	.75	2.54	2.58	3.35	40.21		50.56	*	.63	1.20	2.28	2.57	28.40		64.92
	5756	4C35	.43	3.70	4.77	2.44	35.70		52.96	*	.36	1.72	4.15	1.85	24.86		67.07
	5757	4D354	.46	7.97	14.16	4.04	32.90		40.46	*	.41	3.95	13.17	3.27	24.48		54.73
	5758	4D35	.23	3.93	6.71	1.81	33.33		53.99	*	.19	1.81	5.79	1.36	23.03		67.82
	5759	4A0	.35	1.49	2.01	2.23	42.79		51.12	*	.29	.70	1.77	1.71	30.12		65.41
	5760	4A0	.38	1.21	2.00	2.61	30.97		62.84	*	.29	.53	1.64	1.87	20.40		75.26
	5761	4C3	1.04	.87	1.37	3.62	46.45		46.65	*	.89	.42	1.24	2.83	33.48		61.14
	5762	4C3	.75	.50	.60	4.48	45.16		48.51	*	.64	.24	.53	3.47	32.21		62.91
	5763	4A0	.43	.31	.91				98.35	*							
	5764	4A0	.43	.46	1.00				98.11	*							
	5765	4A0	.52	1.10	1.97				96.41	*							
	5766	4A0	.46	.08	.42				99.04	*							
	5767	4A0	.66	.08	.48				98.78	*							
	5768	4A0	.43	.08	.25				99.23	*							
	5769	4A0	1.53	.12	.36				98.00	*							
	5770	4A0	.78	.08	.55				98.59	*							
	5771	4A0	.98	.08	.89				98.04	*							
	5772	4C0	.61	.07	.42				98.91	*							
	5773	4A0	.26	.07	.49				99.18	*							
	5774	4A0	.43	.08	.95				98.53	*							
	5775	4A0	.38	.07	.55				99.00	*							
	5776	4A0	.12	.01	.95	4.61	8.86		85.45	*	.08		.70	2.94	5.19		91.08
	5777	4A0	.43	.02	.88	4.55	22.37		71.75	*	.32	.01	.69	3.10	14.03		81.85
	5778	4A0	.49	1.71	1.65	2.17	24.30		69.67	*	.37	.73	1.32	1.50	15.47		80.62
	5779	4E0	1.16	2.89	1.73	1.86	86.45		5.92	*	1.31	1.84	2.06	1.93	82.57		10.28
	5780	4E4	.95	4.50	2.58	1.81	84.73		5.42	*	1.09	2.89	3.10	1.89	81.53		9.49
	5781	4E0	1.21	1.63	2.12	3.16	89.25		2.63	*	1.41	1.06	2.58	3.35	86.94		4.67
	5782	4E0	1.04	2.04	2.36	1.92	91.83		.81	*	1.23	1.35	2.92	2.07	90.97		1.47
	5783	4EC	.66	1.42	1.80	3.48	63.22		29.41	*	.64	.76	1.31	3.04	50.80		42.96
	5784	4EC4	.66	3.70	5.81	2.41	54.62		32.80	*	.62	1.93	5.70	2.05	42.88		46.81
	5785	4EA4	.72	4.27	6.11	1.97	57.42		29.51	*	.69	2.29	6.13	1.72	46.10		43.07
	5786	4EA4	.84	3.00	6.41	2.06	63.87		23.82	*	.83	1.66	6.65	1.86	53.04		35.96
	5787	4EA	.78	1.32	2.03	1.84	72.47		21.56	*	.79	.74	2.15	1.69	61.41		33.22
	5788	4EA4	1.07	3.46	5.37	2.23	58.92		28.94	*	1.02	1.86	5.40	1.95	47.42		42.35
	5789	4D74	1.16	10.39	17.14	15.93	19.35		36.02	*	1.04	5.25	16.25	13.13	14.67		49.65

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGA211	5790	4CE84	.81	3.35	3.73				92.11	*							
	5791	4E4	.46	6.35	11.33	3.77	32.69		45.39	*	.40	3.06	10.24	2.97	23.64		59.69
	5792	4E84	.92	4.39	4.90	12.57	58.06		19.15	*	.94	2.51	5.25	11.70	49.75		29.84
	5793	4E84	.98	2.89	3.94	13.64	58.28		20.28	*	.99	1.63	4.17	12.56	49.39		31.25

DRILL HOLE : FAGA211
NORTHING : 904,722.8
EASTING : 592,506.7
ELEVATION : 1,276.7
TOTAL DEPTH : 261.2
SECTION : W 63
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:	59
NOS DOWN-H-SURVEYS:	8
NOS DOWN-H-LITHOLOGY:	58
NOS DOWN-H-STRUCTURE:	51
NOS DOWN-H-FAULTS:	6
NOS DOWN-H-SPLINES:	8
NOS COMPOSITES:	0

DDH: FAGA211 UTM-N: 904,722.8 UTM-E: 592,506.7 UTM-ELEV: 1,276.7 TOTAL DEPTH: 261.2 SECTION: W 63
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.
53.3	55.3	05735	2.0	2.0	4DE4	3.79	.04	8.10	20.10	138.00		1.30	2	13	16						
55.3	57.3	05736	2.0	2.0	4D43	3.62	.07	8.00	18.40	144.00		.69	2	12	14						
57.3	58.6	05737	1.3	1.3	4D43	3.70	.05	6.30	15.60	112.00		.62	1	14	16						
58.6	59.7	05738	1.1	1.1	4E4	4.55	.28	2.70	7.50	62.00		.65	2	34	37						
59.7	60.8	05739	1.1	1.1	4E0	4.82	.12	1.35	2.80	30.00		.82	2	41	44						
60.8	62.4	05740	1.6	1.6	4D43	3.83	.06	7.60	17.70	144.00		.41	2	14	16						
62.4	63.6	05741	1.2	1.2	4C3	3.56	.07	5.00	11.40	92.00		.69		12	12						
63.6	65.1	05742	1.5	1.5	4C3	3.46	.05	3.20	6.10	58.00	56.00	.69	1	12	13						
65.1	66.3	05743	1.2	1.2	4G4	3.62	.02	4.70	10.40	82.00		.62	1	13	14						
66.3	67.6	05744	1.3	1.3	4D34	3.95	.05	6.40	16.40	120.00		1.10	3	15	18						
67.6	68.9	05745	1.3	1.3	4D34	4.20	.10	7.40	16.40	132.00		1.23	3	18	22						
68.9	70.6	05746	1.7	1.7	4E4	4.30	.16	8.20	17.10	134.00		1.92	3	19	22						
70.6	72.0	05747	1.4	1.4	4D435	3.78	.21	6.30	8.60	104.00		2.40	1	17	18						
72.0	73.8	05748	1.8	1.8	4C3	3.64	.26	.20	.45	12.00		1.03	1	24	26						
73.8	75.1	05749	1.3	1.3	4A3	3.21	.15	.08	.51	10.00		.69		15	16						
75.1	76.3	05750	1.2	1.2	4A3	3.31	.18	.08	.54	12.00		.75									
76.3	78.3	05751	2.0	2.0	4C35	3.32	.24	.08	.73	14.00		.89									
78.3	80.3	05752	2.0	2.0	4C35	3.54	.28	.06	.35	14.00		.89									
80.3	81.5	05753	1.2	1.2	4C35	3.55	.22	.14	1.00	17.00		.75	2	21	23						
81.5	83.2	05754	1.7	1.7	4C3	3.51	.31	.06	.33	9.00		.69	2	21	23						
83.2	84.4	05755	1.2	1.2	4C35	3.66	.26	2.20	1.73	162.00	26.00	1.17	2	18	20						
84.4	85.7	05756	1.3	1.3	4C35	3.42	.15	3.20	3.20	45.00		1.17	1	16	18						
85.7	87.7	05757	2.0	2.0	4D354	3.62	.16	6.90	9.50	82.00		1.37	2	15	17						
87.7	89.7	05758	2.0	2.0	4D35	3.37	.08	3.40	4.50	55.00		1.58	1	15	16						
89.7	91.2	05759	1.5	1.5	4A0	3.49	.12	1.29	1.35	18.00		.96	1	19	21						
91.2	92.8	05760	1.6	1.6	4A0	3.19	.13	1.05	1.34	24.00		.69	1	14	16						
92.8	94.5	05761	1.7	1.7	4C3	3.53	.36	.75	.92	14.00		.82	2	21	23						
94.5	96.3	05762	1.8	1.8	4C3	3.56	.26	.43	.40	10.00		.69	2	21	23						
96.3	98.3	05763	2.0	2.0	4A0	3.28	.15	.27	.61	8.00		.55									
98.3	100.3	05764	2.0	2.0	4A0	3.36	.15	.40	.67	12.00		.69									
100.3	102.3	05765	2.0	2.0	4A0	3.38	.18	.95	1.32	22.00		.69									
102.3	104.3	05766	2.0	2.0	4A0	3.21	.16	.07	.28	8.00		.41									
104.3	106.3	05767	2.0	2.0	4A0	3.29	.23	.07	.32	6.00		.48									
106.3	108.3	05768	2.0	2.0	4A0	3.21	.15	.07	.17	6.00		.41									
108.3	110.3	05769	2.0	2.0	4A0	3.48	.53	.10	.24	14.00		.55									
110.3	112.3	05770	2.0	2.0	4A0	2.96	.27	.07	.37	10.00		.27									
112.3	113.0	05771	.7	.7	4A0	3.02	.34	.07	.60	8.00		.34									
113.0	114.0	05772	1.0	1.0	4C0	3.19	.21	.06	.28	8.00		.27									
114.0	116.0	05773	2.0	2.0	4A0	2.89	.09	.06	.33	4.00		.21									
116.0	118.0	05774	2.0	2.0	4A0	2.97	.15	.07	.64	8.00		.27									
118.0	120.0	05775	2.0	2.0	4A0	2.92	.13	.06	.37	6.00		.34									
120.0	122.0	05776	2.0	2.0	4A0	2.85	.04	.01	.64	3.00		.21	2	4	7						
122.0	124.0	05777	2.0	2.0	4A0	3.04	.15	.02	.59	4.00		.34	2	10	13						
124.0	125.7	05778	1.7	1.7	4A0	3.22	.17	1.48	1.11	22.00	20.00	1.10	1	11	12						
125.7	128.0	05779	2.3	2.3	4E0	4.68	.40	2.50	1.16	40.00		1.44	1	40	41						
128.0	129.7	05780	1.7	1.7	4E4	4.67	.33	3.90	1.73	66.00		1.71	1	39	40						
129.7	131.0	05781	1.3	1.3	4E0	4.69	.42	1.41	1.42	30.00		1.58	2	41	43						
131.0	132.3	05782	1.3	1.3	4E0	4.85	.36	1.77	1.58	33.00		1.65	1	42	43						
132.3	134.3	05783	2.0	2.0	4EC	4.03	.23	1.23	1.21	32.00		1.30	2	29	31						
134.3	136.0	05784	1.7	1.7	4EC4	3.90	.23	3.20	3.90	56.00		1.71	1	25	26						
136.0	138.0	05785	2.0	2.0	4EA4	4.22	.25	3.70	4.10	87.00		1.85	1	26	27						

DDH: FAGA211 UTM-N: 904,722.8 UTM-E: 592,506.7 UTM-ELEV: 1,276.7 TOTAL DEPTH: 261.2 SECTION: W 63
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	AL(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
138.0	140.0	05786	2.0	2.0	4EA4	3.79	.29	2.60	4.30	63.00		1.92	1	29	31						
140.0	141.6	05787	1.6	1.6	4EA	4.33	.27	1.14	1.36	26.00		1.17	1	33	34						
141.6	143.3	05788	1.7	1.7	4EA4	4.19	.37	3.00	3.60	56.00	50.00	1.78	1	27	28						
143.3	143.8	05789	.5	.5	4D74	3.80	.40	9.00	11.50	141.00		1.17	10	9	19						
174.0	175.8	05790	1.8	1.8	4CE84	3.93	.28	2.90	2.50	45.00		.14									
202.0	204.2	05791	2.2	2.2	4G4	4.21	.16	5.50	7.60	86.00		1.51	2	15	17						
204.2	206.2	05792	2.0	2.0	4E84	4.31	.32	3.80	3.29	60.00		1.44	7	27	34						
206.2	208.1	05793	1.9	1.9	4E84	4.14	.34	2.50	2.64	38.00		1.17	8	27	35						
WEIGHTED AVERAGE																					
53.3	143.8		90.5	90.5		3.61	.20	2.25	4.06	44.62	2.58	.93	1	14	15						
174.0	175.8		1.8	1.8		3.93	.28	2.90	2.50	45.00		.14									
202.0	208.1		6.1	6.1		4.22	.26	4.00	4.64	62.52		1.38	6	22	28						

DDH: FAGA211 UTM-N: 904,722.8 UTM-E: 592,506.7 UTM-ELEV: 1,276.7 TOTAL DEPTH: 261.2 SECTION: W 63
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.900	176.000	32.000
98.500	176.000	48.000
125.900	174.000	63.000
162.500	174.000	53.000
189.900	172.000	53.000
226.500	170.500	55.000
253.900	170.000	49.000

DDH: FAGA211 UTM-N: 904,722.8 UTM-E: 592,506.7 UTM-ELEV: 1,276.7 TOTAL DEPTH: 261.2 SECTION: W 63
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
53.3	0001	#		0.5-	1
53.8	0002	4E0		0.5-	1
58.6	0003	4D43	BXA	0.5-	1
60.8	0004	4E0	&4 BXA	0.5-	1
62.4	0005	4D43		0.5-	1
65.1	0006	4C3	BXA	0.5-	1
66.3	0007	4G4	BXA	0.5-	1
68.9	0008	4D34	[4D4 (4E0) 50:50] [4E14] [4DE]	0.5-	1
70.6	0009	4E4	BXA & POROUS	0.5-	1
72.0	0010	4D435	[4D4 (4A4) 50:50] [4CA]	0.5-	1
73.8	0011	4C3		0.5-	1
76.3	0012	4A3		0.5-	1
81.5	0013	4C350	[4C0 (4A0) 50:50] [4CA]	0.5-	1
83.2	0014	4C3		0.5-	1
85.7	0015	4C35	[A.A.]	0.5-	1
89.7	0016	4035	[A.A.]	0.5-	1
92.8	0017	4A0	-> 4A4 -> 4A3	0.5-	1
96.3	0018	4C3		0.5-	1
110.6	0019	4A0	-> 4A3 (4C0)(4E0) BOTH MINOR	0.5-	1
113.0	0020	4AC		0.5-	1
114.0	0021	4C0		0.5-	1
125.7	0022	4A0	&4 AT E.O.I.	0.5-	1
132.3	0023	4EC		0.5-	1
136.0	0024	4E1	&5 [4E0 (4C0)(4AC) 70:30:10]	0.5-	1
143.3	0025	4E15	[4E0 (4A0) 70:30]	0.5-	1
143.8	0026	4D73	BXA	0.5-	1
145.7	0027	4LC		0.5-	1
159.0	0028	5B6	-> 5B64 AT E.O.I.	0.5-	1
160.8	0029	4LC		0.5-	1
161.2	0030	4E7		0.5-	1
163.2	0031	4LC		0.5-	1
166.0	0032	5B6	-> (4C0)	0.5-	1
169.2	0033	4LC		0.5-	1
169.9	0034	4A0	?	0.5-	1
171.5	0035	5B6		0.5-	1
174.0	0036	4LC	-> 4L2 LOCALLY (4C0) MINOR	0.5-	1
175.0	0037	4C0		0.5-	1
175.8	0038	4E8		0.5-	1
177.9	0039	4L0	-> 4L3 LOCALLY	0.5-	1
181.7	0040	5B6		0.5-	1
185.9	0041	5A6		0.5-	1
195.1	0042	4L0	-> 4L2 -> 4L12 LOCALLY	0.5-	1
198.3	0043	5DC	&4	0.5-	1
202.0	0044	4LC	(5B2) MINOR	0.5-	1
204.2	0045	4G0		0.5-	1
208.1	0046	4E84	-> 4E14 LOCALLY	0.5-	1
211.4	0047	4L0		0.5-	1
213.4	0048	5C6	MOTTLED	0.5-	1
214.0	0049	4L0		0.5-	1
214.7	0050	4E15	? [4E0 (4A0) 50:50]	0.5-	1
219.9	0051	4L0		0.5-	1

DDH: FAGA211 UTM-N: 904,722.8 UTM-E: 592,506.7 UTM-ELEV: 1,276.7 TOTAL DEPTH: 261.2 SECTION: W 63
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
221.9	0052	586	&4	0.5-	1
224.5	0053	5868	? [5BD]	0.5-	1
226.9	0054	586		0.5-	1
229.2	0055	586	?	0.5-	1
230.1	0056	4LO	?	0.5-	1
251.9	0057	3FO		0.5-	1
261.2	0058	3GO	BIO STAUR. SCH.	0.5-	1

DDH: FAGA211 UTM-N: 904,722.8 UTM-E: 592,506.7 UTM-ELEV: 1,276.7 TOTAL DEPTH: 261.2 SECTION: W 63
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
FAGA211	0.0	69.2	PS2		0	0	0	0	54	230	0	1	1	1
FAGA211	68.9	74.6	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA211	0.0	74.6	PS2		0	0	0	0	46	230	0	1	1	1
FAGA211	74.6	78.2	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA211	0.0	80.0	PS2		0	0	0	0	23	230	0	1	1	1
FAGA211	0.0	85.5	PS2		0	0	0	0	31	230	0	1	1	1
FAGA211	78.2	90.7	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA211	0.0	90.7	CS2		0	0	0	0	70	230	0	1	1	1
FAGA211	90.7	92.8	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA211	0.0	96.4	PS2		0	0	0	0	53	230	0	1	1	1
FAGA211	92.8	99.4	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA211	0.0	101.7	CS2		0	0	0	0	56	230	0	1	1	1
FAGA211	99.4	105.0	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA211	0.0	107.4	CS2		0	0	0	0	66	230	0	1	1	1
FAGA211	105.0	112.9	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA211	0.0	112.9	CS2		0	0	0	0	64	230	0	1	1	1
FAGA211	112.9	114.2	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA211	0.0	117.6	CS2		0	0	0	0	61	230	0	1	1	1
FAGA211	114.2	119.2	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA211	0.0	123.9	CS2		0	0	0	0	70	230	0	1	1	1
FAGA211	119.2	125.6	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA211	0.0	129.6	PS2		0	0	0	0	76	230	0	1	1	1
FAGA211	0.0	136.3	PS2		0	0	0	0	66	230	0	1	1	1
FAGA211	0.0	142.2	PS2		0	0	0	0	70	230	0	1	1	1
FAGA211	125.6	144.1	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA211	0.0	148.3	CS2		0	0	0	0	50	230	0	1	1	1
FAGA211	0.0	153.6	CS2		0	0	0	0	69	230	0	1	1	1
FAGA211	0.0	160.0	CS2		0	0	0	0	67	230	0	1	1	1
FAGA211	144.1	165.6	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA211	0.0	165.6	CS2		0	0	0	0	67	230	0	1	1	1
FAGA211	0.0	170.4	PS2		0	0	0	0	54	230	0	1	1	1
FAGA211	165.6	172.0	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA211	172.0	173.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA211	173.0	176.4	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA211	0.0	176.4	PS2		0	0	0	0	67	230	0	1	1	1
FAGA211	176.4	181.7	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA211	0.0	181.7	PS2		0	0	0	0	52	230	0	1	1	1
FAGA211	0.0	183.5	PS2		0	0	0	0	55	230	0	1	1	1
FAGA211	0.0	188.7	PS2		0	0	0	0	75	230	0	1	1	1
FAGA211	0.0	195.1	PS2		0	0	0	0	59	230	0	1	1	1
FAGA211	0.0	199.5	PS2		0	0	0	0	73	230	0	1	1	1
FAGA211	0.0	205.7	PS2		0	0	0	0	53	230	0	1	1	1
FAGA211	0.0	211.4	PS2		0	0	0	0	77	230	0	1	1	1
FAGA211	0.0	216.6	PS2		0	0	0	0	65	230	0	1	1	1
FAGA211	0.0	222.1	PS2		0	0	0	0	63	230	0	1	1	1
FAGA211	0.0	230.2	PS2		0	0	0	0	70	230	0	1	1	1
FAGA211	0.0	236.5	PS2		0	0	0	0	68	230	0	1	1	1
FAGA211	0.0	242.6	PS2		0	0	0	0	71	230	0	1	1	1
FAGA211	0.0	248.9	PS2		0	0	0	0	81	230	0	1	1	1
FAGA211	0.0	255.1	PS2		0	0	0	0	82	230	0	1	1	1
FAGA211	181.7	261.2	PS2	P	0	0	0	0	80	230	0	1	1	1

DDH: FAGA211 UTM-N: 904,722.8 UTM-E: 592,506.7 UTM-ELEV: 1,276.7 TOTAL DEPTH: 261.2 SECTION: W 63
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGA211	53.8	68.9	D		0	0	C	C	0	0	1
FAGA211	0.0	143.8	G		0	0	C	C	0	0	1
FAGA211	169.2	169.9	RP		0	0	0	C	0	0	1
FAGA211	174.0	175.0	3B		0	0	C	C	0	0	1
FAGA211	181.7	185.9	B		0	0	C	C	0	0	1
FAGA211	226.9	230.1	G3F		0	0	C	C	0	0	1

DDH: FAGA211 UTM-N: 904,722.8 UTM-E: 592,506.7 UTM-ELEV: 1,276.7 TOTAL DEPTH: 261.2 SECTION: W 63
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA211	1	2
FAGA211	2	2
FAGA211	3	2
FAGA211	4	2
FAGA211	5	2
FAGA211	6	2
FAGA211	7	2
FAGA211	8	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 14:34:14

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-A211

Project: GRUM

Location: VANGORDA PLAT

Claim: _____

UTM Terr. Plane Co-ords.: 6904722.806 N

CAMC Mine Survey 592506.726 E

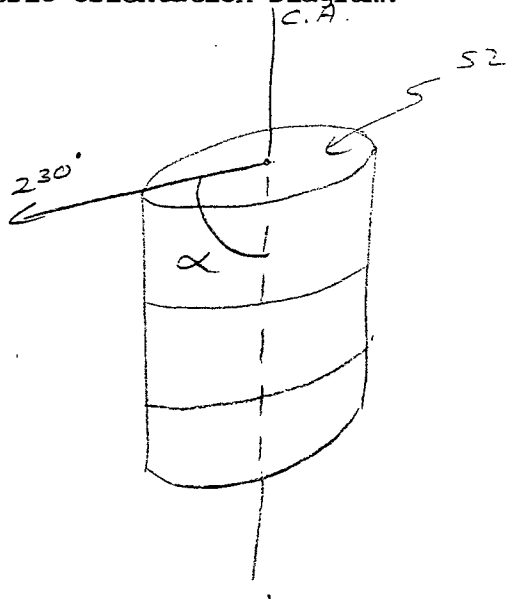
Grid Co-ords.: 63W/2N

_____

Elevation: 1276.749m

Total Depth: 261.2 m.

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

Purpose: _____

Logged by: DJH Date(s) Logged: _____

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

_____ _____ _____

_____ _____ _____

_____ _____ _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 80-A21.1

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	80-1A21.1	11276.17	9047222.18	5912506.17	METERS

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	80-1A21.1	0.0	180.0	.	ATCOLLAR
R	80-1A21.1	161.9	176.0	032.0	
R	80-1A21.1	198.5	176.0	048.0	
R	80-1A21.1	1259	174.0	063.0	
R	80-1A21.1	1625	174.0	053.0	
R	80-1A21.1	1899	172.0	053.0	
R	80-1A21.1	2265	170.5	055.0	
R	80-1A21.1	2539	170.0	049.0	
R	~~80-1A21.1~~	.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH 82-A-211 · Cyprus Anvil Mining Corp. Page 3 of _____

Lithologic Log Logged By: _____

Code	From	To	Unit	Code	Description
	0 14	16 20	22 23	25 27	
L	100	1533	11	1#	trimmed
L	1533	1538	12	4E10	
L	1538	1586	13	4D14	~60-70% tot sdes (qtz ~ sd. >>); micro bxia?
L	1586	1608	14	4E10	bxia w/ m. sde matrix
L	1608	1624	15	4D14	cf unit 3
L	1624	1651	16	4C10	40-50% sde (qtz >> sph > gal); dom. coloured sph?; bxia
L	1651	1663	17	4G10	bxia.
L	1663	1689	18	4DE	50:50 4D4:4E0; 4E is gen. porous & gritty; bxia
L	1689	1706	19	4E4	weakly porous & gritty; no bxia
L	1706	1720	110	4D4A	50:50 4D4:4A4
L	1720	1738	111	4C10	50-60% tot sdes (qtz >> sph)
L	1738	1763	112	4AC	30-40% tot. sdes
L	1763	1815	113	4C4A	50:50 4C0:4A0; 30-40% tot. sdes
L	1815	1832	114	4C10	cf unit 11
L	1832	1857	115	4C14	cf unit 13
L	1857	1897	116	4DA	50:50 4D0:4A0; minor 4DA4 vein
L	1897	1928	117	4A10	→ 4A4 locally; 20-30% tot. sdes.
L	1928	1963	118	4C10	40-50% tot sdes.
L	1963	11106	119	4A10	w/ minor 4C & 4E bands.; 20-30% tot. sdes.
L	11106	11130	210	4A10	as unit 19 only 10-20% tot sdes
L	11130	11140	211	4C10	20-25% tot. sdes.
L	11140	11215	212	4A10	15-20% tot sdes; minor 4A4 veins
L	11215	11323	213	4E10	
L	11323	11360	214	4EC	70:20:10 4E0:4C0:4A0
L	11360	11433	215	4EA	→ 4EA4 locally; 70:30 4E0:4A0; 4A content decreasing towards E.O.H.
L	11433	11438	216	4D7	bxia w/ 4E4 & 4A0 matrix; ~70% tot
L	11438	11457	217	4L10	no sdes; gouge @ upper ct.
L	11457	11590	218	5B16	- weakly altered towards EOH
L	11590	11608	219	4L6	strong ser. alt'n.

DDH 89-A21 | Cyprus Anvil Mining Corp. | Page 4 of 8

Lithologic Log | Logged By: DTH

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
	1161 8	1161 2	30	4E7	
L	1161 2	1163 2	31	4L0	cf unit 29
L	1163 2	1166 0	32	5B6	w/ 50% 4L0 (weak ser. alt'n)
L	1166 0	1169 2	33	4L0	cf units 29, 31
L	1169 2	1169 9	34	4A0	? - only a few chips rec.
L	1169 9	1171 5	35	5B6	cf unit 32
L	1171 5	1174 0	36	4L0	→ 4L2 loc.; cf units 29, 31, 33; minor 4C0
L	1174 0	1175 0	37	4C0	heavily broken core.
L	1175 0	1175 8	38	4E8	
L	1175 8	1177 9	39	4L0	cf units 29, 31, 33, 36; → 4L3 locally in soft zones
L	1177 9	1181 3	40	5B6	
L	1181 3	1185 9	41	5A6	heavily washed
L	1185 9	1191 1	42	4L0	cf units 29, 31, 33, 36, 39; → 4L2 and 4L12 locally.
L	1191 1	1193 3	43	5D3	w/ 5D4 at T.O.I.
L	1193 3	1202 0	44	4L0	cf unit 42; one small band of 5B2
L	1202 0	1204 2	45	4C0	
L	1204 2	1208 1	46	4E8	→ 4E1 locally; 3% mag. lams and porods
L	1208 1	~~1211 4~~	47		; SPK rich last 0.2 m.
L	1208 1	1211 4	47	4L0	cf. units 29, 31, 33, 36, 39
L	1211 4	1213 4	48	5D6	mottled; 5C6?
L	1213 4	1214 0	49	4L0	cf. units 29, 31, 33, 36, 39, 47
L	1214 0	1214 7	50	4EA	50:50 4E0:4A0
L	1214 7	1219 9	51	4L0	cf units 29, 31 ... etc
L	1219 9	1221 9	52	5B6	weak ser alt'n.
L	1221 9	1224 5	53	5BD	? strong qtz-carb veining.
L	1224 5	1226 9	54	5B6	
L	1226 9	1229 2	55	5B6	? clay & graph. gouge zone (fault?)
L	1229 2	1231 0	56	4L0	? clay & talc gouge zone (fault?)
	1231 0	1251 9	57	3E0	
L	1251 9	1261 2	58	3B0	musc-bio-staur. schist.

DDH 80-A21 (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	
							°/B 0-53.3m.
							Bxia 53.3-68.9 no sym no S2
S		16912	PIS12			514 2130	R region 68.9-74.6
S		17146	IF12	R		416 2130	M region 74.6-78.2
S		17822	IF12	M			R region 78.2-90.7
S		18000	PIS12			213 2130	
S		18555	PIS12			311 2130	
S		19077	IF12	R		710 2130	Z region 90.7-92.8
S		19288	IF12	Z			R region 92.8-99.4
S		19644	PIS12			513 2130	
S		19944	IF12	R			S region 99.4-105.0
S		11017	CIS12			516 2130	
S		11050	IF12	S			M region (equal S&Z)
S		11074	CIS12			616 2130	105.0-112.9
S		11129	IF12	M		619 2130	R region 112.9-114.2
S		11142	IF12	R			M region (equal S&Z)
S		11176	CIS12			611 2130	114.2-119.2
S		11192	IF12	M			Z region 119.2-125.6
S		12399	CIS12			710 2130	
S		12556	IF12	Z			R region 125.6-144.1
S		12996	PIS12			716 2130	
S		13633	PIS12			616 2130	
S		14122	PIS12			710 2130	
S		14141	IF12	R			Z region 144.1-165.6
S		14183	CIS12			510 2130	
S		15336	CIS12			619 2130	
S		16000	CIS12			617 2130	
S		16556	IF12	Z		617 2130	PS2 region 165.6-172.0
S		17044	PIS12			514 2130	
S		17220	IF12	P			Z region 172.0-173.0
S		17330	IF12	Z			R region 173.0-176.4
S		17644	IF12	R		617 2130	Z region 176.4-181.7
S		18117	IF12	Z		712 2130	R region 181.7-185.9
S		18355	PIS12			515 2130	
S		18599	IF12	R			PS2 region 185.9-195.1

DDH 80-A21-1 (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	
S		11818.7	PS12			715 2130	
S		11951	F12	P		59 2130	R region 195.1 – 198.3
S		11983	F12	R			PS2 region 198.3 – 202.0
S		11995	PS12			713 2130	
S		12020	F12	P			R region 202.0 – 208.2
S		12057	PS12			513 2130	
S		12082	F12	R			PS2 region 208.2 – 211.4
S		12114	F12	P		717 2130	R region 211.4 – 214.8
S		12148	F12	R			PS2 region 214.8 – 226.9
S		12166	PS12			615 2130	
S		12212	PS12			613 2130	
S		12269	F12	P			
							Gouge zone 226.9 – 230.2
							-no sym no S2.
S		12302	PS12			710 2130	PS2 region 230.2 – 261.2
S		12365	PS12			618 2130	
S		12426	PS12			711 2130	
S		12489	PS12			811 2130	
S		12551	PS12			812 2130	
S		12612	F12	P		810 2130	
		EOH					

DDH 80-A2LL (2 / 8)

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

Logged By: DJH.

Sampled By:

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27	Length	Rec.	Unit
P	1513	1515	517315	2.0	2.0	4DE
P	1515	1517	517316	2.0	2.0	4D4
P	1517	1518	517317	1.3	1.3	4D4
P	1518	1519	517318	1.1	1.1	4EO
P	1519	1608	517319	1.1	1.1	4EO
P	1608	1624	517340	1.6	1.6	4D4
P	1624	1636	517341	1.2	1.2	4CO
P	1636	1651	517342	1.5	1.5	4CO
P	1651	1663	517343	1.2	1.2	4GO
P	1663	1676	517344	1.3	1.3	4DE
P	1676	1689	517345	1.3	1.3	4DE
P	1689	1706	517346	1.7	1.7	4E4
P	1706	1720	517347	1.4	1.4	4DA
P	1720	1738	517348	1.8	1.8	4CO
P	1738	1751	517349	1.3	1.3	4AO
P	1751	1763	517350	1.2	1.2	4AO
P	1763	1783	517351	2.0	2.0	4CA
P	1783	1803	517352	2.0	2.0	4CA
P	1803	1815	517353	1.2	1.2	4CA
P	1815	1832	517354	1.7	1.7	4CO
P	1832	1844	517355	1.2	1.2	4CA
P	1844	1857	517356	1.3	1.3	4CA
P	1857	1877	517357	2.0	2.0	4DA
P	1877	1897	517358	2.0	2.0	4DA
P	1897	1912	517359	1.5	1.5	4AO
P	1912	1928	517360	1.6	1.6	4AO
P	1928	1945	517361	1.7	1.7	4CO
P	1945	1963	517362	1.8	1.8	4CO
P	1963	1983	517363	2.0	2.0	4AO
P	1983	1003	517364	2.0	2.0	4AO
P	1003	1023	517365	2.0	2.0	4AO
P	1023	1043	517366	2.0	2.0	4AO
P	1043	1063	517367	2.0	2.0	4AO
P	1063	1083	517368	2.0	2.0	4AO
P	1083	1103	517369	2.0	2.0	4AO
P	1103	1123	517370	2.0	2.0	4AO

DDH 80-A21L (2 of 8)

Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Logged By: DJH.

Sampled By:

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27	Length	Rec	Unit
P	1/1/23	1/1/30	1517711	0.7	(1.7)?	4AO
P	1/1/30	1/1/40	1517712	1.0	1.0	4CO
P	1/1/40	1/1/60	1517713	2.0	2.0	4AO
P	1/1/60	1/1/80	1517714	2.0	2.0	4AO
P	1/1/80	1/2100	1517715	2.0	2.0	4AO
P	1/2100	1/2120	1517716	2.0	2.0	4AO
P	1/2120	1/2140	1517717	2.0	2.0	4AO
P	1/2140	1/2157	1517718	1.7	1.7	4AO
P	1/2157	1/2180	1517719	2.3	2.3	4EO
P	1/2180	1/2197	1517780	1.7	1.7	4EO
P	1/2197	1/3110	1517781	1.3	1.3	4EO
P	1/3110	1/3123	1517812	1.3	1.3	4EO
P	1/3123	1/3143	1517813	2.0	2.0	4EC
P	1/3143	1/3160	1517814	1.7	1.7	4EC
P	1/3160	1/3180	1517815	2.0	2.0	4EA
P	1/3180	1/4100	1517816	2.0	2.0	4EA
P	1/4100	1/4116	1517817	1.6	1.6	4EA
P	1/4116	1/4333	1517818	1.7	1.7	4EA
P	1/4333	1/4338	1517819	0.5	0.5	4D7
P	1/7400	1/7558	1517910	1.8	1.8	4CE
P	12020	12042	1517911	2.2	2.2	4GO
P	12042	12062	1517912	2.0	2.0	4E8
P	12062	12081	1517913	1.9	1.9	4E8

DDH FA GA 21 1 (2 8) M

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ 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	
	~~S~~	~~5~~ ~~6~~	D?					
	~~5~~ ~~8~~	~~1~~ ~~2~~	~~8~~ D					
F	538	689	D					
F		1438	G					
F	1692	1699	RP					
F	1740	1750	3B					
F	1817	1859	B					
F	2269	2301	G3F					

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

DDH: FAGA211 -- 132 DEGREE PROFILE

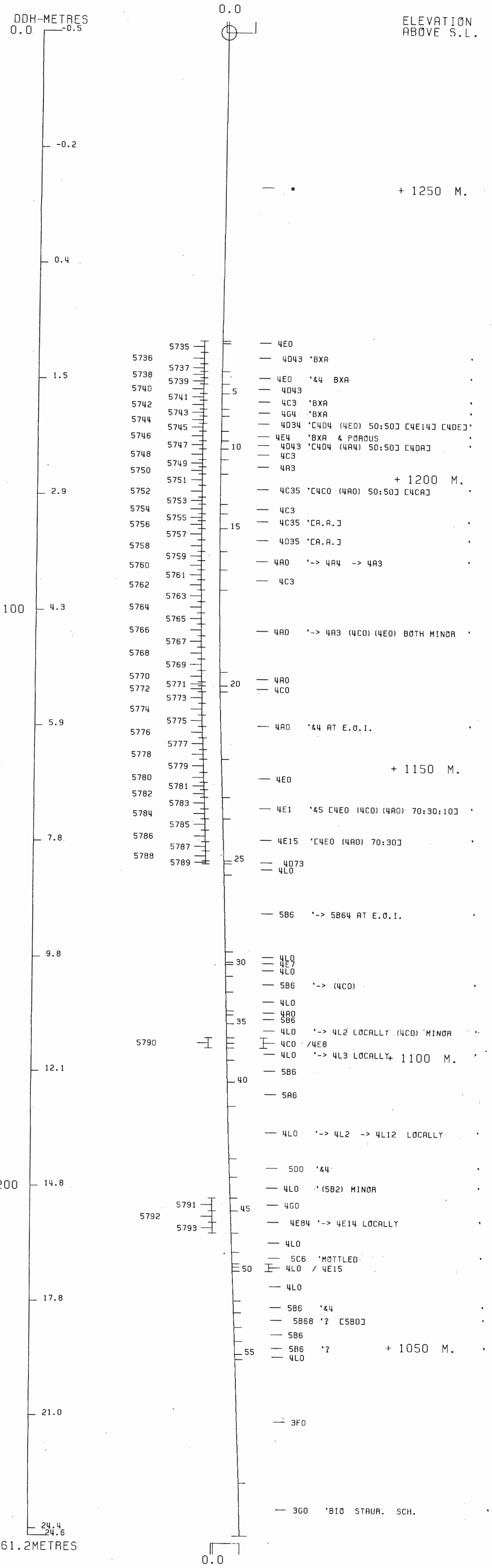
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1277 592507E ; 904723N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 788.6 Z = 1276.7

SECTION NAME: 02N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 26 APR 1984 3:31 PM

DDH: FAGA211 -- 132 DEGREE PROFILE

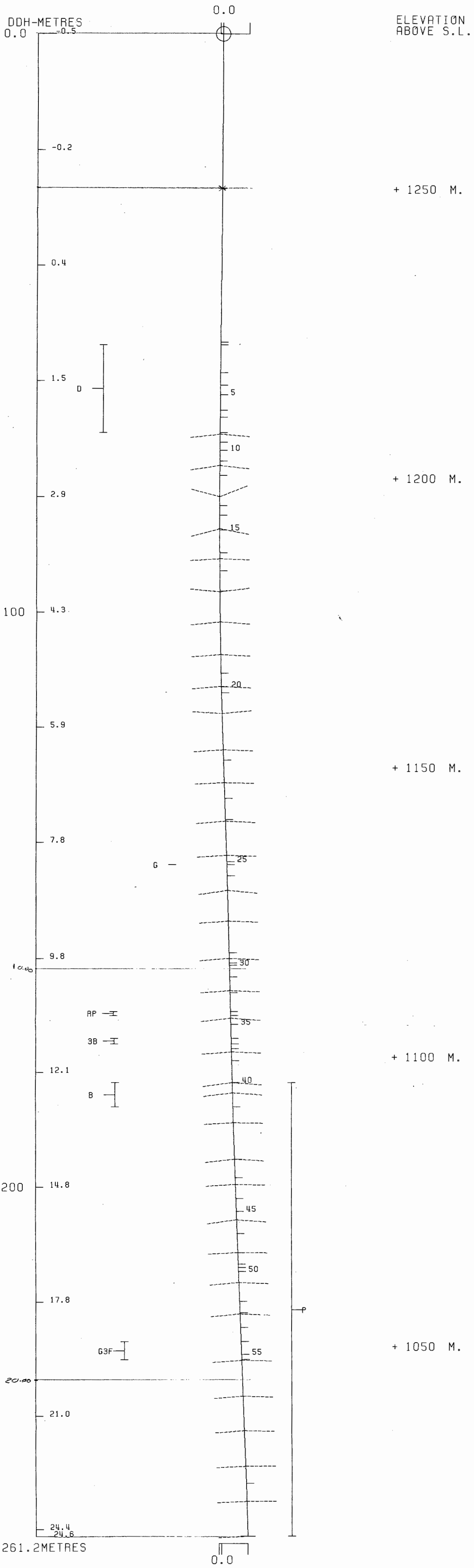
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1277 592507E ; 904723N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 788.6 Z = 1276.7

SECTION NAME: 02N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 26 APR 1984 3:35 PM

FAGA212

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGA212	5794	67.1	68.4	1.3	100	4G4	4.68	.09	4.40	8.34	62.0	.62	1.01	21.00		12.74	22.01	.65
	5795	68.4	69.7	1.3	100	4G4	4.36	.07	6.20	11.85	104.0	1.17	1.37	18.00		18.05	19.37	.66
	5796	69.7	71.0	1.3	100	4E4	4.70	.11	4.70	8.90	86.0	1.37	.70	19.60		13.60	20.30	.65
	5797	71.0	72.3	1.3	100	4G4	3.78	.17	8.00	14.20	127.0	1.58	.99	16.90		22.20	17.89	.64
	5798	72.3	74.1	1.8	100	4D3	3.78	.20	5.40	12.30	134.0	1.58	1.27	14.40		17.70	15.67	.69
	5799	74.1	74.9	.8	100	4G4	4.61	.05	3.50	7.70	64.0	.82				11.20		.69
	5800	74.9	76.2	1.3	100	4D43	3.78	.07	3.90	19.20	179.0	1.44	2.26	8.20		23.10	10.46	.83
	5851	76.2	77.5	1.3	100	4D43	4.09	.08	7.70	18.40	141.0	1.37	1.33	17.40		26.10	18.73	.70
	5852	77.5	79.1	1.6	100	4G4	4.63	.07	4.60	8.70	99.0	.89	.55	18.10		13.30	18.65	.65
	5853	79.1	80.8	1.7	100	4G4	4.68	.09	4.50	8.10	98.0	.89	.36	17.20		12.60	17.56	.64
	5854	80.8	82.8	2.0	100	4D0	3.64	.03	2.30	5.70	44.0	.55	.54	15.80		8.00	16.34	.71
	5855	82.8	83.7	.9	100	4E4	4.51	.07	6.80	7.30	114.0	.88	3.16	14.60		14.10	17.76	.52
	5856	83.7	85.6	1.9	100	4D4	3.52	.06	4.20	9.20	101.0	.75	.74	15.70		13.40	16.44	.69
	5857	85.6	86.3	.7	100	4G0	4.53	.04	2.30	5.80	42.0	.48	.54	16.60		8.10	17.14	.72
	5858	86.3	88.7	2.4	100	4E4	4.37	.17	6.20	11.10	127.0	1.30	1.67	21.50		17.30	23.17	.64
	5859	88.7	90.1	1.4	100	4E4	4.22	.04	5.80	11.10	101.0	1.23	1.33	26.90		16.90	28.23	.66
	5860	90.1	91.6	1.5	100	4DE4	3.78	.06	8.80	13.80	142.0	.75	2.36	11.60		22.60	13.96	.61
	5861	91.6	92.8	1.2	100	4A3	3.42	.18	.11	1.09	14.0	.75	2.19	20.00		1.20	22.19	.91
	5862	92.8	94.0	1.2	100	4A3	3.49	.22	1.44	4.30	32.0	.75	3.86	17.50		5.74	21.36	.75
	5863	94.0	96.1	2.1	100	4E4	4.56	.23	5.40	11.20	89.0	1.58	3.35	30.50		16.60	33.85	.67
	5864	96.1	97.4	1.3	100	4D34	3.90	.12	5.10	8.80	86.0	1.23	2.88	19.80		13.90	22.68	.63
	5865	97.4	99.4	2.0	100	4A0	3.29	.17	1.18	1.80	25.0	.69	1.84	16.10		2.98	17.94	.60
	5866	99.4	101.4	2.0	100	4A0	3.23	.13	.17	1.22	13.0	.34	1.52	16.90		1.39	18.42	.88
	5867	101.4	103.4	2.0	100	4A0	2.91	.12	.09	.50	7.0	.27				.59		.85
	5868	103.4	106.1	2.7	100	4A0	2.69	.11	.36	.59	13.0	.27				.95		.62
	5869	106.1	108.1	2.0	100	4A0	3.11	.16	.39	1.22	13.0	.34				1.61		.76
	5870	108.1	110.1	2.0	100	4A0	3.02	.11	.32	.81	12.0	.48				1.13		.72
	5871	110.1	112.2	2.1	95	4A0	3.16	.14	.24	.75	9.0	.34				.99		.76
	5872	112.2	114.2	2.0	100	4A3	3.60	.22	.22	.80	11.0	.69				1.02		.78
	5873	114.2	116.2	2.0	100	4A3	3.63	.23	.35	.91	11.0	.69				1.26		.72
	5874	116.2	117.9	1.7	100	4A3	3.67	.22	.39	.62	14.0	.62				1.01		.61
	5875	117.9	120.0	2.1	100	4A3	3.34	.26	.09	.54	13.0	.62				.63		.86
	5876	120.0	122.0	2.0	100	4A0	3.02	.20	.05	.46	7.0	.34				.51		.90
	5877	122.0	124.0	2.0	100	4A0	3.73	.30	.11	.75	11.0	.34				.86		.87
	5878	124.0	127.1	3.1	100	4A0	3.10	.41	.11	.58	12.0	.21				.69		.84
	5879	127.1	129.1	2.0	100	4C9	3.30	.22	.33	1.22	10.0	.41				1.55		.79
	5880	129.1	131.1	2.0	100	4C9	3.21	.65	.04	.78	12.0	.48				.82		.95
	5881	131.1	132.1	1.0	100	4C9	3.28	.83	.04	1.38	12.0	.41				1.42		.97
	5882	132.1	134.1	2.0	100	4A0	3.19	.76	.05	1.51	12.0	.34				1.56		.97
	5883	134.1	136.1	2.0	100	4A0	3.42	.43	.17	1.10	10.0	.34				1.27		.87
	5884	136.1	138.1	2.0	100	4A0	3.05	.53	.03	1.10	9.0	.27				1.13		.97
	5885	138.1	139.5	1.4	100	4A0	3.00	.12	.08	3.93	7.0	.14				4.01		.98
	5886	139.5	140.9	1.4	100	4A0	3.19	.24	.06	.57	8.0	.34	2.46	15.30		.63	17.76	.90
	5887	140.9	142.1	1.2	100	4C3	3.43	.29	.05	1.06	10.0	.48	3.24	18.50		1.11	21.74	.95
	5888	142.1	143.2	1.1	100	4C3	3.79	.32	2.00	2.90	40.0	1.17	3.53	26.10		4.90	29.63	.59
	5889	143.2	145.2	2.0	100	4E4	4.56	.42	1.36	3.80	29.0	1.23	3.48	31.60		5.16	35.08	.74
	5890	145.2	147.2	2.0	100	4E4	4.67	.28	.90	4.70	20.0	1.17	3.66	37.40		5.60	41.06	.84
	5891	147.2	149.2	2.0	100	4E0	4.75	.40	.77	2.60	18.0	1.23	3.24	40.80		3.37	44.04	.77
	5892	149.2	151.2	2.0	100	4E4	4.78	.24	2.40	4.40	35.0	1.30	3.14	38.50		6.80	41.64	.65
	5893	151.2	153.2	2.0	100	4E4	4.77	.23	3.00	4.89	51.0	1.58	3.01	37.70		7.89	40.71	.62
	5894	153.2	154.7	1.5	100	4E0	4.75	.36	.90	1.32	23.0	1.58	2.43	42.00		2.22	44.43	.59
	5895	154.7	156.2	1.5	100	4E4	4.71	.39	3.50	4.98	59.0	1.30	1.90	37.20		8.48	39.10	.59

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGA212	5794	4G4	.26	5.08	12.43	1.59	45.16		35.48	*	.24	2.59	11.90	1.32	34.57		49.38
	5795	4G4	.20	7.16	17.67	2.15	38.71		34.11	*	.19	3.67	16.97	1.80	29.74		47.64
	5796	4E4	.32	5.43	13.27	1.10	42.15		37.74	*	.29	2.73	12.51	.90	31.80		51.77
	5797	4G4	.49	9.24	21.17	1.56	36.34		31.20	*	.46	4.81	20.68	1.32	28.40		44.33
	5798	4D3	.58	6.24	18.34	2.00	30.97		41.88	*	.50	3.03	16.72	1.58	22.59		55.56
	5799	4G4	.14	4.04	11.48				84.33	*							
	5800	4D43	.20	4.50	28.62	3.55	17.63		45.48	*	.17	2.10	24.98	2.70	12.31		57.74
	5851	4D43	.23	8.89	27.43	2.09	37.42		23.93	*	.22	4.79	27.72	1.84	30.25		35.18
	5852	4G4	.20	5.31	12.97	.86	38.92		41.73	*	.18	2.61	11.95	.69	28.68		55.90
	5853	4G4	.26	5.20	12.08	.57	36.99		44.91	*	.22	2.51	10.93	.45	26.78		59.12
	5854	4D0	.09	2.66	8.50	.85	33.98		53.93	*	.07	1.22	7.30	.63	23.36		67.41
	5855	4E4	.20	7.85	10.88	4.97	31.40		44.69	*	.18	3.82	9.92	3.94	22.89		59.25
	5856	4D4	.17	4.85	13.72	1.16	33.76		46.33	*	.15	2.31	12.26	.90	24.14		60.24
	5857	4G0	.12	2.66	8.65	.85	35.70		52.03	*	.10	1.23	7.51	.64	24.80		65.72
	5858	4E4	.49	7.16	16.55	2.63	46.24		26.94	*	.47	3.85	16.67	2.30	37.25		39.46
	5859	4E4	.12	6.70	16.55	2.09	57.85		16.70	*	.12	3.86	17.87	1.96	49.97		26.22
	5860	4DE4	.17	10.16	20.57	3.71	24.95		40.43	*	.15	5.01	19.02	2.98	18.45		54.38
	5861	4A3	.52	.13	1.62	3.44	43.01		51.27	*	.43	.06	1.42	2.62	30.14		65.32
	5862	4A3	.64	1.66	6.41	6.07	37.63		47.59	*	.54	.79	5.70	4.69	26.76		61.52
	5863	4E4	.66	6.24	16.70	5.27	65.59		5.54	*	.74	3.88	19.47	5.34	61.18		9.40
	5864	4D34	.35	5.89	13.12	4.53	42.58		33.53	*	.32	3.04	12.69	3.81	32.95		47.19
	5865	4A0	.49	1.36	2.68	2.89	34.62		57.95	*	.40	.61	2.27	2.13	23.40		71.20
	5866	4A0	.38	.20	1.82	2.39	36.34		58.88	*	.30	.09	1.53	1.75	24.42		71.92
	5867	4A0	.35	.10	.75				98.80	*							
	5868	4A0	.32	.42	.88				98.39	*							
	5869	4A0	.46	.45	1.82				97.27	*							
	5870	4A0	.32	.37	1.21				98.11	*							
	5871	4A0	.40	.28	1.12				98.20	*							
	5872	4A3	.64	.25	1.19				97.92	*							
	5873	4A3	.66	.40	1.36				97.57	*							
	5874	4A3	.64	.45	.92				97.99	*							
	5875	4A3	.75	.10	.81				98.34	*							
	5876	4A0	.58	.06	.69				98.68	*							
	5877	4A0	.87	.13	1.12				97.89	*							
	5878	4A0	1.18	.13	.86				97.82	*							
	5879	4C9	.64	.38	1.82				97.16	*							
	5880	4C9	1.88	.05	1.16				96.91	*							
	5881	4C9	2.40	.05	2.06				95.50	*							
	5882	4A0	2.20	.06	2.25				95.49	*							
	5883	4A0	1.24	.20	1.64				96.92	*							
	5884	4A0	1.53	.03	1.64				96.79	*							
	5885	4A0	.35	.09	5.86				93.70	*							
	5886	4A0	.69	.07	.85	3.87	32.90		61.62	*	.55	.03	.70	2.78	21.78		74.16
	5887	4C3	.84	.06	1.58	5.10	39.78		52.64	*	.69	.03	1.37	3.84	27.62		66.45
	5888	4C3	.92	2.31	4.32	5.55	56.13		30.76	*	.87	1.22	4.28	4.78	44.50		44.34
	5889	4E4	1.21	1.57	5.67	5.47	67.96		18.12	*	1.24	.90	6.08	5.11	58.37		28.30
	5890	4E4	.81	1.04	7.01	5.76	80.43		4.96	*	.91	.65	8.25	5.90	75.79		8.50
	5891	4E0	1.16	.89	3.88	5.10	87.74		1.24	*	1.34	.58	4.73	5.41	85.72		2.21
	5892	4E4	.69	2.77	6.56	4.94	82.79		2.24	*	.80	1.79	7.95	5.21	80.30		3.95
	5893	4E4	.66	3.46	7.29	4.73	81.07		2.77	*	.76	2.23	8.81	4.97	78.35		4.87
	5894	4E0	1.04	1.04	1.97	3.82	90.32		1.81	*	1.21	.68	2.41	4.07	88.41		3.22
	5895	4E4	1.13	4.04	7.42	2.99	80.00		4.42	*	1.28	2.58	8.87	3.11	76.48		7.68

DRILL HOLE : FAGA212
NORTHING : 904,768.9
EASTING : 592,446.8
ELEVATION : 1,276.8
TOTAL DEPTH : 311.1
SECTION : W 65
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 52
NOS DOWN-H-SURVEYS: 10
NOS DOWN-H-LITHOLOGY: 61
NOS DOWN-H-STRUCTURE: 58
NOS DOWN-H-FAULTS: 12
NOS DOWN-H-SPLINES: 10
NOS COMPOSITES: 0

DDH: FAGA212 UTM-N: 904,768.9 UTM-E: 592,446.8 UTM-ELEV: 1,276.8 TOTAL DEPTH: 311.1 SECTION: W 65
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.
67.1	68.4	05794	1.3	1.3	4G4	4.68	.09	4.40	8.34	62.00		.62	1	21	22						
68.4	69.7	05795	1.3	1.3	4G4	4.36	.07	6.20	11.85	104.00		1.17	1	18	19						
69.7	71.0	05796	1.3	1.3	4E4	4.70	.11	4.70	8.90	86.00		1.37		19	20						
71.0	72.3	05797	1.3	1.3	4G4	3.78	.17	8.00	14.20	127.00		1.58		16	17						
72.3	74.1	05798	1.8	1.8	4D3	3.78	.20	5.40	12.30	134.00		1.58	1	14	15						
74.1	74.9	05799	.8	.8	4G4	4.61	.05	3.50	7.70	64.00		.82									
74.9	76.2	05800	1.3	1.3	4D43	3.78	.07	3.90	19.20	179.00	170.00	1.44	2	8	10						
76.2	77.5	05851	1.3	1.3	4C43	4.09	.08	7.70	18.40	141.00		1.37	1	17	18						
77.5	79.1	05852	1.6	1.6	4G4	4.63	.07	4.60	8.70	99.00		.89		18	18						
79.1	80.8	05853	1.7	1.7	4G4	4.68	.09	4.50	8.10	98.00		.89		17	17						
80.8	82.8	05854	2.0	2.0	4D0	3.64	.03	2.30	5.70	44.00		.55		15	16						
82.8	83.7	05855	.9	.9	4E4	4.51	.07	6.80	7.30	114.00		.88	3	14	17						
83.7	85.6	05856	1.9	1.9	4D4	3.52	.06	4.20	9.20	101.00		.75		15	16						
85.6	86.3	05857	.7	.7	4G0	4.53	.04	2.30	5.80	42.00		.48		16	17						
86.3	88.7	05858	2.4	2.4	4E4	4.37	.17	6.20	11.10	127.00		1.30	1	21	23						
88.7	90.1	05859	1.4	1.4	4E4	4.22	.04	5.80	11.10	101.00		1.23	1	26	28						
90.1	91.6	05860	1.5	1.5	4DE4	3.78	.06	8.80	13.80	142.00	138.00	.75	2	11	13						
91.6	92.8	05861	1.2	1.2	4A3	3.42	.18	.11	1.09	14.00		.75	2	20	22						
92.8	94.0	05862	1.2	1.2	4A3	3.49	.22	1.44	4.30	32.00		.75	3	17	21						
94.0	96.1	05863	2.1	2.1	4E4	4.56	.23	5.40	11.20	89.00		1.58	3	30	33						
96.1	97.4	05864	1.3	1.3	4D34	3.90	.12	5.10	8.80	86.00		1.23	2	19	22						
97.4	99.4	05865	2.0	2.0	4A0	3.29	.17	1.18	1.80	25.00		.69	1	16	17						
99.4	101.4	05866	2.0	2.0	4A0	3.23	.13	.17	1.22	13.00		.34	1	16	18						
101.4	103.4	05867	2.0	2.0	4A0	2.91	.12	.09	.50	7.00		.27									
103.4	106.1	05868	2.7	2.7	4A0	2.69	.11	.36	.59	13.00		.27									
106.1	108.1	05869	2.0	2.0	4A0	3.11	.16	.39	1.22	13.00		.34									
108.1	110.1	05870	2.0	2.0	4A0	3.02	.11	.32	.81	12.00		.48									
110.1	112.2	05871	2.1	2.0	4A0	3.16	.14	.24	.75	9.00		.34									
112.2	114.2	05872	2.0	2.0	4A3	3.60	.22	.22	.80	11.00		.69									
114.2	116.2	05873	2.0	2.0	4A3	3.63	.23	.35	.91	11.00		.69									
116.2	117.9	05874	1.7	1.7	4A3	3.67	.22	.39	.62	14.00		.62									
117.9	120.0	05875	2.1	2.1	4A3	3.34	.26	.09	.54	13.00		.62									
120.0	122.0	05876	2.0	2.0	4A0	3.02	.20	.05	.46	7.00		.34									
122.0	124.0	05877	2.0	2.0	4A0	3.73	.30	.11	.75	11.00		.34									
124.0	127.1	05878	3.1	3.1	4A0	3.10	.41	.11	.58	12.00		.21									
127.1	129.1	05879	2.0	2.0	4C9	3.30	.22	.33	1.22	10.00		.41									
129.1	131.1	05880	2.0	2.0	4C9	3.21	.65	.04	.78	12.00		.48									
131.1	132.1	05881	1.0	1.0	4C9	3.28	.83	.04	1.38	12.00		.41									
132.1	134.1	05882	2.0	2.0	4A0	3.19	.76	.05	1.51	12.00		.34									
134.1	136.1	05883	2.0	2.0	4A0	3.42	.43	.17	1.10	10.00		.34									
136.1	138.1	05884	2.0	2.0	4A0	3.05	.53	.03	1.10	9.00		.27									
138.1	139.5	05885	1.4	1.4	4A0	3.00	.12	.08	3.93	7.00		.14									
139.5	140.9	05886	1.4	1.4	4A0	3.19	.24	.06	.57	8.00		.34	2	15	17						
140.9	142.1	05887	1.2	1.2	4C3	3.43	.29	.05	1.06	10.00		.48	3	18	21						
142.1	143.2	05888	1.1	1.1	4C3	3.79	.32	2.00	2.90	40.00		1.17	3	26	29						
143.2	145.2	05889	2.0	2.0	4E4	4.56	.42	1.36	3.80	29.00	34.00	1.23	3	31	35						
145.2	147.2	05890	2.0	2.0	4E4	4.67	.28	.90	4.70	20.00		1.17	3	37	41						
147.2	149.2	05891	2.0	2.0	4E0	4.75	.40	.77	2.60	18.00		1.23	3	40	44						
149.2	151.2	05892	2.0	2.0	4E4	4.78	.24	2.40	4.40	35.00		1.30	3	38	41						
151.2	153.2	05893	2.0	2.0	4E4	4.77	.23	3.00	4.89	51.00		1.58	3	37	40						
153.2	154.7	05894	1.5	1.5	4E0	4.75	.36	.90	1.32	23.00		1.58	2	42	44						

DDH: FAGA212 UTM-N: 904,768.9 UTM-E: 592,446.8 UTM-ELEV: 1,276.8 TOTAL DEPTH: 311.1 SECTION: W 65
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
154.7	156.2	05895	1.5	1.5	4E4	4.71	.39	3.50	4.98	59.00		1.30	1	37	39						
WEIGHTED AVERAGE																					
67.1	156.2		89.1	89.0		3.75	.23	2.07	4.52	44.19	5.56	.77	1	13	14						

DDH: FAGA212 UTM-N: 904,768.9 UTM-E: 592,446.8 UTM-ELEV: 1,276.8 TOTAL DEPTH: 311.1 SECTION: W 65
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
62.200	177.000	42.000
92.700	177.000	40.000
123.100	176.500	63.000
153.600	175.000	67.000
184.100	173.000	61.000
214.600	170.500	72.000
245.100	167.000	76.000
275.500	165.000	75.000
306.000	164.000	75.000

DDH: FAGA212 UTM-N: 904,768.9 UTM-E: 592,446.8 UTM-ELEV: 1,276.8 TOTAL DEPTH: 311.1 SECTION: W 65
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
56.8	0001	#		0.5-	1
58.7	0002	5B6		0.5-	1
59.1	0003	5B6	?	0.5-	1
60.5	0004	5B6		0.5-	1
60.9	0005	5D4		0.5-	1
67.1	0006	5B6		0.5-	1
69.7	0007	4G4		0.5-	1
71.0	0008	4E4	-> 4E41 BXA W/ 4D AND 4L FRAGS	0.5-	1
72.3	0009	4G4	(4E0) MINOR	0.5-	1
74.1	0010	4D3		0.5-	1
74.9	0011	4G4		0.5-	1
77.5	0012	4D43	[4D0 (4J4)(4EC) 60:25:15] BXA	0.5-	1
80.8	0013	4G4	(4E0) MINOR	0.5-	1
82.8	0014	4D0		0.5-	1
83.7	0015	4E4	[4E0 (4J4) 60:40]	0.5-	1
85.6	0016	4D4	[4D0 (4C0) 70:30] BXA	0.5-	1
86.3	0017	4G0		0.5-	1
90.1	0018	4E4	POROUS & BXA	0.5-	1
91.0	0019	4D0	BXA	0.5-	1
91.6	0020	4E4	(4J4) ?	0.5-	1
94.0	0021	4A3	[4E0 (4A0) 50:50]	0.5-	1
96.1	0022	4E4	& BXA & POROUS	0.5-	1
97.4	0023	4D34		0.5-	1
112.2	0024	4A0	(4E0) MINOR	0.5-	1
120.0	0025	4A3	[4A0 (4E0) 60:40]	0.5-	1
127.1	0026	4A0	&3	0.5-	1
132.1	0027	4C9	&3	0.5-	1
140.9	0028	4A0	&3	0.5-	1
143.2	0029	4C3	BXA [4E0 (4C0) 50:50]	0.5-	1
151.9	0030	4E0	&4 BXA	0.5-	1
156.2	0031	4E0	&4	0.5-	1
156.7	0032	4L0		0.5-	1
174.8	0033	5B6		0.5-	1
177.3	0034	4L0	(5B6)	0.5-	1
178.8	0035	5B6		0.5-	1
180.4	0036	5A0		0.5-	1
183.8	0037	4L0	(5B6) 70:30	0.5-	1
187.7	0038	5B6		0.5-	1
196.9	0039	4L2	(4L24) MINOR	0.5-	1
199.4	0040	5B6		0.5-	1
203.3	0041	5A0		0.5-	1
203.9	0042	5B6		0.5-	1
211.2	0043	4L2		0.5-	1
215.5	0044	5A0	(5B26) MINOR	0.5-	1
231.0	0045	4L2		0.5-	1
232.9	0046	4A0		0.5-	1
236.5	0047	4L2	(5B6) 70:30	0.5-	1
237.2	0048	4A0		0.5-	1
240.5	0049	4L0		0.5-	1
246.7	0050	4L6	[3G STR]	0.5-	1
255.8	0051	4L0	-> 4L2 LOCALLY	0.5-	1

DDH: FAGA212 UTM-N: 904,768.9 UTM-E: 592,446.8 UTM-ELEV: 1,276.8 TOTAL DEPTH: 311.1 SECTION: W 65
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
264.2	0052	4L0	[3G STR?]	0.5-	1
273.1	0053	5B6		0.5-	1
287.1	0054	5B6	(3B3) 60:40 ?	0.5-	1
294.0	0055	4L6	? [3G STR]	0.5-	1
299.3	0056	5A0	?	0.5-	1
301.6	0057	4L0	(5D4*) MINOR	0.5-	1
302.9	0058	3B3	? [5B0]	0.5-	1
303.8	0059	5D4*	[4L0]	0.5-	1
305.6	0060	3G4	[1CD4] STAUR BIC SCHIST	0.5-	1
311.2	0061	3G0	[1CD] STAUR BIC SCHIST	0.5-	1

DDH: FAGA212 UTM-N: 904,708.9 UTM-E: 592,446.8 UTM-ELEV: 1,276.8 TOTAL DEPTH: 311.1 SECTION: W 65
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PRCCESS
FAGA212	0.0	57.3	CS2		0	0	0	0	60	230	0	1	1	1
FAGA212	56.8	61.1	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA212	0.0	64.8	CS2		0	0	0	0	72	230	0	1	1	1
FAGA212	61.1	67.1	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA212	0.0	69.4	PS2		0	0	0	0	56	230	0	1	1	1
FAGA212	0.0	74.1	PS2		0	0	0	0	71	230	0	1	1	1
FAGA212	0.0	79.9	PS2		0	0	0	0	63	230	0	1	1	1
FAGA212	67.1	83.7	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA212	0.0	91.7	PS2		0	0	0	0	31	230	0	1	1	1
FAGA212	0.0	97.5	PS2		0	0	0	0	36	230	0	1	1	1
FAGA212	91.0	100.0	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA212	0.0	102.7	CS2		0	0	0	0	44	230	0	1	1	1
FAGA212	100.0	107.4	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA212	0.0	109.1	CS2		0	0	0	0	49	230	0	1	1	1
FAGA212	107.4	112.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA212	0.0	115.8	PS2		0	0	0	0	54	230	0	1	1	1
FAGA212	0.0	120.9	PS2		0	0	0	0	58	230	0	1	1	1
FAGA212	0.0	122.9	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA212	122.9	126.5	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA212	0.0	126.5			0	0	0	0	54	230	0	1	1	1
FAGA212	0.0	132.6	PS2		0	0	0	0	53	230	0	1	1	1
FAGA212	126.5	135.6	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA212	0.0	138.0	CS2		0	0	0	0	36	230	0	1	1	1
FAGA212	135.6	142.1	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA212	0.0	151.9			0	0	0	0	67	230	0	1	1	1
FAGA212	151.9	156.2	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA212	0.0	156.2			0	0	0	0	72	230	0	1	1	1
FAGA212	0.0	162.4	CS2		0	0	0	0	45	230	0	1	1	1
FAGA212	0.0	168.0	CS2		0	0	0	0	60	230	0	1	1	1
FAGA212	0.0	171.6	CS2		0	0	0	0	55	230	0	1	1	1
FAGA212	156.2	176.6	CS2	Z	0	0	0	0	61	230	0	1	1	1
FAGA212	176.6	180.5	PS2	R	0	0	0	0	77	230	0	1	1	1
FAGA212	0.0	185.3	CS2		0	0	0	0	65	230	0	1	1	1
FAGA212	0.0	190.8	CS2		0	0	0	0	65	230	0	1	1	1
FAGA212	180.5	194.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA212	0.0	195.4	CS2		0	0	0	0	68	230	0	1	1	1
FAGA212	0.0	202.7	CS2		0	0	0	0	67	230	0	1	1	1
FAGA212	194.0	206.0	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA212	206.0	207.8	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA212	0.0	209.0	PS2		0	0	0	0	68	230	0	1	1	1
FAGA212	0.0	215.7	PS2		0	0	0	0	68	230	0	1	1	1
FAGA212	0.0	221.7	PS2		0	0	0	0	67	230	0	1	1	1
FAGA212	0.0	227.7	PS2		0	0	0	0	65	230	0	1	1	1
FAGA212	0.0	234.3	PS2		0	0	0	0	42	230	0	1	1	1
FAGA212	0.0	240.6	PS2		0	0	0	0	68	230	0	1	1	1
FAGA212	0.0	246.2	PS2		0	0	0	0	71	230	0	1	1	1
FAGA212	0.0	252.7	PS2		0	0	0	0	69	230	0	1	1	1
FAGA212	0.0	257.0	PS2		0	0	0	0	57	230	0	1	1	1
FAGA212	0.0	263.0	PS2		0	0	0	0	76	230	0	1	1	1
FAGA212	0.0	269.0	PS2		0	0	0	0	63	230	0	1	1	1
FAGA212	0.0	275.1	PS2		0	0	0	0	63	230	0	1	1	1

DDH: FAGA212 UTM-N: 904,768.9 UTM-E: 592,446.8 UTM-ELEV: 1,276.8 TOTAL DEPTH: 311.1 SECTION: W 65
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	DHCC	SDC	PROCESS
FAGA212	0.0	280.6	PS2		0	0	0	0	71	230	0	1	1	1
FAGA212	0.0	286.3	PS2		0	0	0	0	60	230	0	1	1	1
FAGA212	0.0	291.6	PS2		0	0	0	0	65	230	0	1	1	1
FAGA212	0.0	298.6	PS2		0	0	0	0	70	230	0	1	1	1
FAGA212	0.0	304.2	PS2		0	0	0	0	71	230	0	1	1	1
FAGA212	0.0	309.9	PS2		0	0	0	0	73	230	0	1	1	1
FAGA212	207.8	311.2	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGA212 UTM-N: 904,7c8.9 UTM-E: 592,446.8 UTM-ELEV: 1,276.8 TOTAL DEPTH: 311.1 SECTION: W 65
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
FAGA212	58.7	59.1	G		0	0	0	0	0	0	1
FAGA212	69.7	71.0	D		0	0	0	0	0	0	1
FAGA212	74.9	77.5	D		0	0	0	0	0	0	1
FAGA212	80.8	82.8	D?		0	0	0	0	0	0	1
FAGA212	83.7	91.0	D		0	0	0	0	0	0	1
FAGA212	94.0	96.1	1D		0	0	0	0	0	0	1
FAGA212	140.9	143.2	2D		0	0	0	0	0	0	1
FAGA212	143.2	151.9	D		0	0	0	0	0	0	1
FAGA212	176.6	177.3	G		0	0	0	0	0	0	1
FAGA212	203.9	211.2	1G		0	0	0	0	0	0	1
FAGA212	223.3	224.0	G		0	0	0	0	0	0	1
FAGA212	294.0	299.3	G		0	0	0	0	0	0	1

DDH: FAGA212 UTM-N: 904,768.9 UTM-E: 592,446.8 UTM-ELEV: 1,276.8 TOTAL DEPTH: 311.1 SECTION: W 65
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA212	1	2
FAGA212	2	2
FAGA212	3	2
FAGA212	4	2
FAGA212	5	2
FAGA212	6	2
FAGA212	7	2
FAGA212	8	2
FAGA212	9	2
FAGA212	10	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 15:28:40

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-A212

Project: GRUM

Location: VANGORDA PLAT

Claim:

~~UTM~~ Terr. Plane Co-ords.: 6904768.926 N

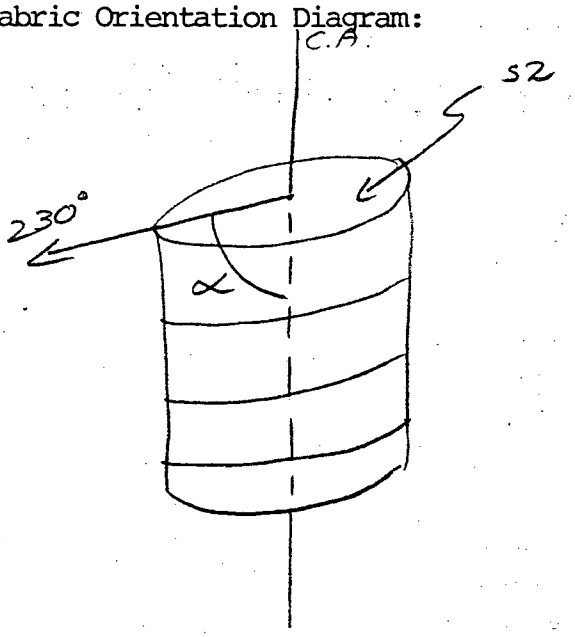
AMC Mine Survey 592446.797 E

Grid Co-ords.: 655 W/2N

Elevation: 1276.843

Total Depth: 311.2 m.

Fabric Orientation Diagram:



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

Purpose:

Logged by: DJH Date(s) Logged:

Drilling Contractor: Arctic D.D

Core: Size From To Collar Cased and Capped:

Started: Completed:

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 80-A212

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	80-A212	11276.8	9104768.95	924946.8	METERS

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	80-A212	00	180.0	.	ATCOLLAR
R	80-A212	1622	177.0	042.0	
R	80-A212	1927	177.0	040.0	
R	80-A212	2231	176.5	063.0	
R	80-A212	2536	175.0	067.0	
R	80-A212	2841	173.0	061.0	
R	80-A212	3146	170.5	072.0	
R	80-A212	3451	167.0	076.0	
R	80-A212	3755	165.0	075.0	
R	80-A212	4060	164.0	075.0	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH 80-A212

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	1100	15688	11	1 #	tricored
L	15688	15897	12	5B16	
L	15887	15991	13	5B16	? grey gouge (fault?)
L	15991	16105	14	5B16	
L	16105	16109	15	5D4	
L	16109	16171	16	5B16	
L	16171	16997	17	4G10	
L	16997	17110	18	4E14	→ 4E41 w/~20% 4D frags ; minor 4L frags
L	17110	17233	19	4G10	w/ minor 4E
L	17233	17441	110	4D10	~40% total sdes.
L	17441	17499	111	4G10	
L	17499	17755	112	4DJ	60:25:15 4DO : 4J4 : 4EO ; bxia in 4D
					and 4J
L	17755	18088	113	4G10	w/ minor 4E.
L	18088	18288	114	4C10	~25% tot sdes ; bxia
L	18288	18377	115	4EJ	60:40 4EO : 4J4
L	18377	18566	116	4DC	70:30 4DO : 4CO ; bxia
L	18566	18633	117	4G10	
L	18633	19101	118	4E10	friable ; minor 4E4 ; bxia?
L	19101	19110	119	4D10	bxia.
L	19110	19166	120	4E14	(4J4?)
L	19166	19401	121	4EA	50:50 4EO : 4AO
L	19401	19661	122	4E10	some bxia & friable zones
L	19661	19744	123	4D10	~60% tot sdes
L	19744	11122	124	4A10	w/ some 4E bands throughout ; ~20% tot. sdes
L	11122	12100	125	4AE	60:40 4AO : 4EO
L	12100	12171	126	4A10	~20% tot sdes
L	12171	13121	127	4C9	~20% tot. sdes
L	13121	14109	128	4AO	~20% tot. sdes.
L	14109	14332	129	4EC	-some bxia ; 50:50 4EO : 4CO
L	14332	15119	130	4E10	bxia ; 4E frags in a 4E matrix.
L	15119	15622	131	4EO	-some sph/gal rich lams.
L	15622	15677	132	4L10	
L	15677	17488	133	5B16	
L	17488	17733	134	4L10	w/ 40% 5B6 ; gouge 176.6-177.3
L	17733	17883	135	5B16	

DDH 80-A212 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: DJH

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1/178 8	1/181 4	316	5IA0	
L	1/181 4	1/183 8	317	4L10	w/ 30% 5B6
L	1/183 8	1/187 7	318	5IB6	
L	1/187 7	1/916 9	319	4L12	w/ minor 4L24
L	1/916 9	1/919 4	410	5IB6	
L	1/919 4	12013 3	411	5IA0	
L	12013 3	12013 9	412	5IB6	
L	12013 9	12111 2	413	4L12	minor gouge zones
L	12111 2	12115 5	414	5IA0	w/ minor 5B26
L	12115 5	12310	415	4L12	gouge 223.3 - 224.0
L	12310	12329	416	4IA0	
L	12329	12365	417	4L12	w/ 30% 5B6
L	12365	12372	418	4IA0	
L	12372	12405	419	4L10	
L	12405	12467	510	4L16	weakly altered
L	12467	12558	511	4L10	→ 4L2 locally; strongly alt'd
L	12558	12642	512	4L10	weakly (→mod) altered
L	12642	12731	513	5IB6	
L	12731	12871	514	5IB6	w/ 40% 5B0; minor alt'n
L	12871	12940	515	4L16	weakly alt'd
L	12940	12993	516	5IA0	? dark grey → black gouge
L	12993	13016	517	4L10	w/ minor 5D4
L	13016	13029	518	5IB0	
L	13029	13038	519	4L10	- minor maripositе
L	13038	13056	610	3IG4	alt'd staur musc bio schist
L	13056	13112	611	3IG0	staur musc bio schist
		EOH			

DDH 80-A212 (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		15173	CIS12			610 2310	M region 56.8 - 61.1
S		16111	IF12	M			Z region 61.1 - 67.1
S		16148	CIS12			712 2310	
S		16171	IF12	Z			R region 67.1 - 83.7
S		16194	PIS12			516 2310	
S		17141	PIS12			711 2310	
S		17999	PIS12			613 2310	
S		18137	IF12	R			Bxia zone 83.7 - 91.0
							- no sym, no S2
S		19117	PIS12			311 2310	R region 91.0 - 100.0
S		19175	PIS12			316 2310	
S		11000	IF12	R			M region 100.0 - 107.4
S		11027	CIS12			44 2310	
S		11074	IF12	M			Z region 107.4 - 112.0
S		11091	CIS12			419 2310	
S		11120	IF12	Z			R region 112.0 - 122.9
S		11158	PIS12			514 2310	
S		11209	PIS12			518 2310	
S		11229	IF12	R			Z region 122.9 - 126.5
S		11265	IF12	Z		514 2310	R region 126.5 - 135.6
S		11326	AIS12			513 2310	
S		11356	IF12	R			Z region 135.6 - 142.1
S		11380	CIS12			316 2310	
S		11421	IF12	Z			
							Bxia zone 142.1 - 151.9
							no sym, no S2
S		11519	IF12	R		617 2310	R region 151.9 - 156.2
S		11562	IF12	R		712 2310	Z region 156.2 - 176.6
S		11624	CIS12			415 2310	
S		11680	CIS12			610 2310	
S		11716	CIS12			515 2310	
S		11766	IF12	Z		611 2310	R region 176.6 - 180.5
		11805	IF12	R		717 2310	Z region 180.5 - 194.0
S		11853	CIS12			615 2310	
S		11908	CIS12			615 2310	
S		11940	IF12	Z			PS2 region 194.0 - 206.0

DDH 80-A212 (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		119154	C1S12			6182310	
S		120627	C1S12			6172310	
S		120660	F12	P			Z region 206.0 – 207.8
S		120788	F12	Z			PS2 region 207.8 – 311.2
S		120900	PS12			6182310	
S		121157	PS12			6182310	
S		121217	PS12			6172310	
S		121277	PS12			6152310	
S		121343	PS12			4122310	
S		121406	PS12			6182310	
S		121462	PS12			712310	
S		121527	PS12			6912310	
S		121570	PS12			5172310	
S		121630	PS12			712310	
S		121690	PS12			6132310	
S		121751	PS12			6132310	
S		121806	PS12			712310	
S		121863	PS12			6102310	
S		121916	PS12			6152310	
S		121986	PS12			702310	
S		310428	PS12			712310	
S		310999	PS12			732310	
		1E014					

DDH 80-A212 (2 / 8)

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

Logged By: DJH

Sampled By:

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27	Length	Rec	Unit
P	1617	1618	517914	1.3	1.3	4GO
P	1618	1619	517915	1.3	1.3	4GO
P	1619	1710	517916	1.3	1.3	4E4
P	1710	1723	517917	1.3	1.3	4GO
P	1723	1741	517918	1.8	1.8	4DO
P	1741	1749	517919	0.8	0.8	4GO
P	1749	1762	518100	1.3	1.3	4DJ
P	1762	1775	518151	1.3	1.3	4DJ
P	1775	1791	518152	1.6	1.6	4GO
P	1791	1808	518153	1.7	1.7	4GO
P	1808	1828	518154	2.0	2.0	4CO
P	1828	1837	518155	0.9	0.9	4EJ
P	1837	1856	518156	1.9	1.9	4DC
P	1856	1863	518157	0.7	0.7	4GO
P	1863	1887	518158	2.4	2.4	4EO
P	1887	1901	518159	1.4	1.4	4EO
P	1901	1916	518160	1.5	1.5	4DE
P	1916	1928	518161	1.2	1.2	4EA
P	1928	1940	518162	1.2	1.2	4EA
P	1940	1961	518163	2.1	2.1	4EO
P	1961	1974	518164	1.3	1.3	4DO
P	1974	1994	518165	2.0	2.0	4AO
P	1994	2014	518166	2.0	2.0	4AO
P	2014	2034	518167	2.0	2.0	4AO
P	2034	2061	518168	2.7	2.7	4AO
P	2061	2081	518169	2.0	2.0	4AO
P	2081	2101	518170	2.0	2.0	4AO
P	2101	2122	518171	2.0	2.0	4AO
P	2122	2142	518172	2.0	2.0	4AE
P	2142	2162	518173	2.0	2.0	4AE
P	2162	2179	518174	1.7	1.7	4AE
P	2179	2200	518175	2.1	2.1	4AE
P	2200	2220	518176	2.0	2.0	4AO
P	2220	2240	518177	2.0	2.0	4AO
P	2240	2271	518178	3.1	3.1	4AO
P	2271	2291	518179	2.0	2.0	4C9

DDH 80-A2-12 (2-8)

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

Logged By: DJH

Sampled By:

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27	Length	Rec.	Unit
P	1219	1231	518180	2.0	2.0	4C9
P	1231	1232	518181	1.0	1.0	4C9
P	1232	1234	518182	2.0	2.0	4AO
P	1234	1236	518183	2.0	2.0	4AO
P	1236	1238	518184	2.0	2.0	4AO
P	1238	1395	518185	1.4	1.4	4AO
P	1395	1409	518186	1.4	1.4	4AO
P	1409	1421	518187	1.2	1.2	4EC
P	1421	1432	518188	1.1	1.1	4EC
P	1432	1452	518189	2.0	2.0	4EO
P	1452	1472	518190	2.0	2.0	4EO
P	1472	1492	518191	2.0	2.0	4EO
P	1492	1512	518192	2.0	2.0	4EO
P	1512	1532	518193	2.0	2.0	4EO
P	1532	1547	518194	1.5	1.5	4EO
P	1547	1562	518195	1.5	1.5	4EO

DDH FAGA212 (2 … 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

Meters

Code	From	To	Feature	Ext Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	58.7	59.1	G					
F	69.7	71.0	D					
F	74.9	77.5	D					
F	80.8	82.8	D?					
F	83.7	91.0	D?					
F	94.0	96.1	1D					
F	141.0	143.2	2D					
F	143.2	151.9	D					
F	171.6	177.3	G					
F	210.3	211.2	1G					
F	223.3	224.0	G					
F	294.0	299.3	G					

FAGA218

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PC+PY %	ZN RATIO
FAGA218	12493	98.4	99.8	1.4	9C	4A1		.02	.04	.07	2.0					.11		.64
	12494	99.8	101.2	1.4	100	4A1		.03	.04	.10	2.0					.14		.71
	12495	106.2	106.8	.6	100	4LC		.05	1.01	.77	19.0					1.78		.43
	12496	106.8	109.0	2.2	100	4HB4		.16	7.55	8.96	102.0					16.41		.54
	12497	109.5	109.9	.4	100	4A4B		.21	2.56	2.45	39.0					5.01		.49

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGA216	12493	4A1	.06	.05	.10				99.79	*							
	12494	4A1	.09	.05	.15				99.72	*							
	12495	4LO	.14	1.17	1.15				97.54	*							
	12496	4HB4	.46	8.72	13.21				77.61	*							
	12497	4443	.61	2.96	3.65				92.78	*							

DRILL HOLE : FAGA218
NORTHING : 904,619.9
EASTING : 592,618.6
ELEVATION : 1,271.4
TOTAL DEPTH : 246.1
SECTION : W 5E
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES:	5
NOS DOWN-H-SURVEYS:	3
NOS DOWN-H-LITHOLOGY:	34
NOS DOWN-H-STRUCTURE:	38
NOS DOWN-H-FAULTS:	18
NOS DOWN-H-SPLINES:	3
NOS COMPOSITES:	0

DDH: FAGA219 UTM-N: 904,619.9 UTM-E: 592,618.6 UTM-ELEV: 1,271.4 TOTAL DEPTH: 246.1 SECTION: W 58
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
98.4	99.8	12493	1.4	.7	4A1		.02	.04	.07	2.00											
99.8	101.2	12494	1.4	1.4	4A1		.03	.04	.10	2.00											
106.2	106.8	12495	.6	.6	4LO		.05	1.01	.77	19.00											
106.8	109.0	12496	2.2	2.2	4H@4		.16	7.55	8.86	102.00											
109.5	109.9	12497	.4	.4	4A4@		.21	2.56	2.45	38.00											
WEIGHTED AVERAGE																					
98.4	101.2		2.8	2.1			.02	.04	.08	2.00											
106.2	109.0		2.8	2.8			.13	6.14	7.12	84.21											
109.5	109.9		.4	.4			.21	2.56	2.45	38.00											

DDH: FAGA218 UTM-N: 904,619.9 UTM-E: 592,618.0 UTM-ELEV: 1,271.4 TOTAL DEPTH: 246.1 SECTION: W 58
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
99.000	169.500	48.000
117.300	169.500	53.000

DDH: FAGA218 UTM-N: 904,819.9 UTM-E: 592,618.6 UTM-ELEV: 1,271.4 TOTAL DEPTH: 246.1 SECTION: W 58
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
98.4	0001	#		0.5-	1
101.2	0002	4A1	PHY [4L1?] 4L ON 4A	0.5-	1
106.0	0003	4LC	81 89 86	0.5-	1
106.2	0004	100C	(4L*) (4HC)	0.5-	1
109.0	0005	4H34	(4LO) 80:20	0.5-	1
109.5	0006	4LC	(4H)	0.5-	1
109.9	0007	4H4@		0.5-	1
113.0	0008	4L1	(5A) MINOR	0.5-	1
113.6	0009	5A6	83	0.5-	1
122.5	0010	5E62	(100C) 90:10	0.5-	1
127.6	0011	5A6	83 89 81	0.5-	1
129.5	0012	5E62		0.5-	1
131.4	0013	5A6	89	0.5-	1
133.3	0014	5A31		0.5-	1
134.9	0015	5A6		0.5-	1
139.5	0016	5B62		0.5-	1
141.8	0017	3B3	BIC [5B38 BIC]	0.5-	1
147.8	0018	5B62	(3B3) [5B628 83]	0.5-	1
150.0	0019	5A6	[5B62] (1CQO)	0.5-	1
157.6	0020	5A31	89 (10CO)	0.5-	1
162.7	0021	5A6	81 89	0.5-	1
164.4	0022	5A61	83 89 PO>PY	0.5-	1
175.3	0023	5A61	(5A19) -> 4A LOCALLY	0.5-	1
183.0	0024	5A61	83 89 MINOR	0.5-	1
185.7	0025	5A61	(1CQC* 89)	0.5-	1
187.8	0026	3G8	(5A6) (10C*)	0.5-	1
190.4	0027	3G8*		0.5-	1
203.1	0028	3G8	SCHST GAR, STAUR, ALBITE	0.5-	1
207.6	0029	3G8	MAGNETITE PORPHS	0.5-	1
212.2	0030	3G8		0.5-	1
216.0	0031	3G8	(10Q*)	0.5-	1
232.4	0032	3G8	[1DO]	0.5-	1
242.1	0033	1CC	[1CC]	0.5-	1
246.1	0034	3FC		0.5-	1

DDH: FAGA218 UTM-N: 904,619.9 UTM-E: 592,018.6 UTM-ELEV: 1,271.4 TOTAL DEPTH: 246.1 SECTION: W 58
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	SEC	PROCESS
FAGA218	0.0	98.8	CS2	S	0	0	0	0	72	230	0	1	1	1
FAGA218	0.0	98.9	CS2	S	0	0	0	0	65	230	0	1	1	1
FAGA218	0.0	101.0	CS2	M	0	0	0	0	80	230	0	1	1	1
FAGA218	0.0	102.5	CS2	Z	0	0	0	0	75	230	0	1	1	1
FAGA218	0.0	104.9	CS2	S	0	0	0	0	80	230	0	1	1	1
FAGA218	0.0	106.2	PS2	P	0	0	70	50	60	230	0	1	1	1
FAGA218	0.0	116.6	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA218	0.0	120.5	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA218	0.0	123.2	CS2	S	0	0	0	0	65	230	0	1	1	1
FAGA218	0.0	125.8	CS2	Z	0	0	0	0	85	230	0	1	1	1
FAGA218	0.0	129.7	CS2	Z	0	0	0	0	80	230	0	1	1	1
FAGA218	0.0	133.0	CS2	M	0	0	0	0	80	230	0	1	1	1
FAGA218	0.0	139.0	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA218	0.0	143.9	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA218	0.0	148.8	PS2		0	0	0	0	90	230	0	1	1	1
FAGA218	0.0	152.5	CS2	S	0	0	0	0	65	230	0	1	1	1
FAGA218	0.0	153.8	CS2	Z	0	0	0	0	75	230	0	1	1	1
FAGA218	0.0	159.0	CS2	M	0	0	0	0	75	230	0	1	1	1
FAGA218	0.0	162.9	CS2	Z	0	0	0	0	55	230	0	1	1	1
FAGA218	0.0	165.0	CS2	Z	0	0	0	0	80	230	0	1	1	1
FAGA218	0.0	168.0	CS2	M	0	0	0	0	70	230	0	1	1	1
FAGA218	0.0	171.2	CS2	Z	0	0	0	0	70	230	0	1	1	1
FAGA218	0.0	174.6	CS2	S	0	0	0	0	60	230	0	1	1	1
FAGA218	0.0	182.6	CS2	S	0	0	0	0	75	230	0	1	1	1
FAGA218	0.0	188.4	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA218	0.0	191.0	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA218	0.0	193.4	PS2	P	0	0	0	0	78	230	0	1	1	1
FAGA218	0.0	193.8	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA218	0.0	199.3	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA218	0.0	206.5	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA218	0.0	212.0	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA218	0.0	217.7	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA218	0.0	223.6	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA218	0.0	227.7	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA218	0.0	232.7	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA218	0.0	239.5	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA218	0.0	241.0	PS2	P	0	0	0	0	85	230	0	1	1	1
FAGA218	0.0	246.0	PS2	P	0	0	0	0	70	230	0	1	1	1

DDH: FAGA218 UTM-N: 904,619.9 UTM-E: 592,618.6 UTM-ELEV: 1,271.4 TOTAL DEPTH: 246.1 SECTION: 4 58
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
FAGA218	68.0	98.4	P?	0		0	0	0	0	0	0	1
FAGA218	102.7	102.8	G			0	0	0	0	0	0	1
FAGA218	105.6	106.0	GS			99	999	0	0	0	0	1
FAGA218	107.1	107.3	1S			0	0	0	0	0	0	1
FAGA218	109.0	109.5	G			0	0	0	0	0	0	1
FAGA218	109.5	109.9	XQ			0	0	0	0	0	0	1
FAGA218	109.9	113.0	G			0	0	0	0	0	0	1
FAGA218	0.0	116.3	1S			0	0	0	0	0	0	1
FAGA218	117.2	117.9	S			0	0	99	999	0	0	1
FAGA218	0.0	120.2	S			0	0	99	999	0	0	1
FAGA218	123.8	124.1	XG			0	0	0	0	0	0	1
FAGA218	134.3	134.9	XQ			0	0	0	0	0	0	1
FAGA218	150.0	152.5	1FQ			0	0	0	0	0	0	1
FAGA218	170.6	171.6	1FQ			0	0	0	0	0	0	1
FAGA218	183.0	185.7	3SF			0	0	0	0	0	0	1
FAGA218	0.0	187.5	1G			0	0	0	0	0	0	1
FAGA218	212.2	216.0	BSQ			0	0	0	0	0	0	1
FAGA218	224.1	224.3	S			0	0	0	0	0	0	1

DDH: FAGA218 UTM-N: 904,615.9 UTM-E: 592,618.6 UTM-ELEV: 1,271.4 TOTAL DEPTH: 246.1 SECTION: W 50
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA218	1	2
FAGA218	2	2
FAGA218	3	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 16:50:10

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: June 7/82

Hole Number: FACA 218 (82-A-218)

Project: CRUM 1982 DRILL PROGRAM

Location: VANGORDA PLATEAU (105K)

Claim: Champ 7

NTS ~~Terr. Plane~~ Co-ords.: 6904619.889 N

592618.552 E

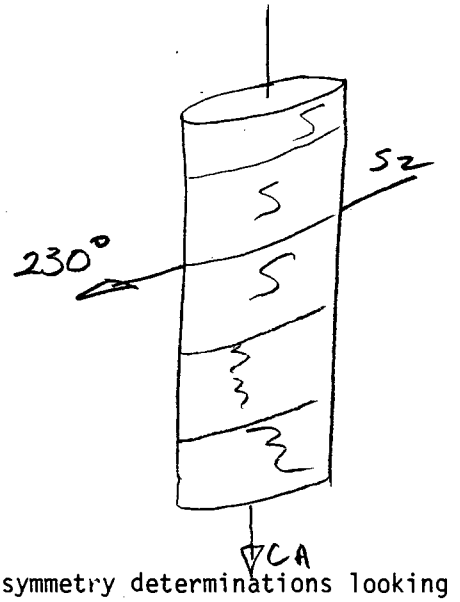
AMC Mine Survey Grid Co-ords: 58W

2N

Elevation: 1271.402m

Total Depth: 246.1 m (807.5 feet)

Reference Fabric Orientation Diagram:



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

Purpose: To test prescence of SE limb of Hor. 2 F1 antiform.

Reason hole Terminated: Rods broke at 817' depth. Cored to 807.5' only.

Logged by: RSJ / G.J.

Date(s) Logged: June 7/82

Drilling Contractor: Arctic Diamond Drilling Ltd.

Size	CORE From	To
NQ	93m	249m
		538

Collar Cased and Capped: No

Hole Cemented: No

Steel down hole: Lower 370 feet of rods, bit & core barrel, to 817'

Started: May 17/82 Completed: May 26/82

Cyprus Anvil Mining Corp. Page 2 of 9

DDH FAGA218 (2 8)

Diamond Drill Core Log Date: May 26/82 Logged By: RS

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
1	2 8	10 16	17 24	25 32	34 39	41 42	
T	FAGA218	1271.4	9046191.9	592618.6	metres	S2	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGA218	000	180.0	000.0	AT COLLAR
R	FAGA218	990	169.5	048.0	SPERRY SUN ONE-SHOT
R	FAGA218	1173	169.5	058.0	

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
1	2 8	10 56
		COULD ONLY TAKE 2 READINGS. RODS LOST
		DOWN HOLE

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

DDH FAGA218 (2 / 8) Cyprus Anvil Mining Corp. Page 3 of 9

Lithologic Log Date: 7 June 82 Logged By: RST/GJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	0	98.4		1	*	overburden and casing - probably tri-coned through 30m. of bedrock
L	98.4	101.2		2	HA1	ph[4L1] HA phyllitic in process of alteration to 4L1
L	101.2	106.0		3	4LQ1	±1 ±9 ±* Has ±mm beige specks of probable ankerite Gouge 102.7-102.8 Gouge and sheared 105.6-106 upper contact sub parallel to S_2
L	106.0	106.2		4	QQ01	(4L*, 4HQ) 0.1m c/HQ at start of unit
L	106.2	109.0		5	4H1*H	20% (4LQ) ankerite is tan RMM sized blebs to irregularly shaped ±1cm blebs. Small gypsum veinlet small shear at 107.1-107.3 upper contact marked by small 4L band shearing on upper contact @ 45° to CA Lower contact at 50° to CA Minor quartz veining 107.5-107.6
L	109.0	109.5		6	4L01	(4H) GOUGED ENTIRELY lower contact of gouge @ 80° C.
L	109.5	109.9		7	4H4*	5% (4LQ) quartz and ankerite veined and fractured.
L	109.9	111.3		8	4141	last .3m (SA) 90% GOUGED, 10% not gouge is 4L1 closest at 111.5 111.8
L	111.3	113.6		9	5A61	±3 most calcite in veins
L	113.6	122.5		10	5B62	(QQQ) 10% mostly in interval 118.2-120.3 but scattered throughout most S_2 foliaform, av thickness 2cm. Shears at 116.3 (.2m - 20° to CA) and shearing between 117.2 - 117.9 along S_2. Shearing along S_2 at 120.2 (.1m)
L	122.5	127.6		11	SA6	±3 ±9 ±1 silica banded along S_2 and granular. qtz-ank healed Breccia and gouge zone 123.8-124.1. qtz vein + minor shearing at 125.5 (.2m)
L	127.6	129.5		12	5B62	minor ank qtz vein unit bounded top and bottom by qtz veins, minor po

DDH FA GA 218 (2 / 8) Cyprus Anvil Mining Corp. Page 4 of 9

Lithologic Log Date: 7 June 82 Logged By: RST / GJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						minor po in gtzose layers of SBG2
L	1,2,9,5	1,3,1,4		1,3	SIA16	±9, blackdust does not dirty fingers,
						lower .5m is transitional to SA0
						with much of calcite in veins
L	1,3,1,4	1,3,3,8		1,4	SA31	strongly calcareous, vein qtz for 5cm
						at base
L	1,3,3,8	1,3,4,9		1,5	SA6	lower half qtz fractured with
						ankerite (tourkerite) healing. <10% qtz veining
						along S_2 av 1cm thick - lower
						contact gradational
L	1,3,4,9	1,3,9,5		1,6	SIB162	very weakly calcareous mostly in
						veinlets - fracturing ⊥ to core axis
						in first ½ with minor calcite and py
L	1,3,9,5	1,4,1,8		1,7	SIB3,8	chlorite with biotite in very calcareous
						bands ∥ S_2 av 3-4cm thick. minor
						qtz veining ∥ S_2 with chloritic selvages
L	1,4,1,8	1,4,7,8		1,8	SIB162	8 ±3 calcareous content restricted to
						biotite rich bands at 145-145.5cm which may
						be more metam SD3
L	1,4,7,8	1,5,0,0		1,9	SIA6	[SBG2] [QPO] gradational change
						from SBG2 — SA6 - qtz vein at
						149.1 - 149.4 · minor development
						of biotite in bands.
L	1,5,0,0	1,5,7,6		2,0	SIA31	±9 [QPO] generally strongly calc.
						sulfides are pyepo. From start to
						152.5 qtz healed fracturing (crosscutting)
						from 30° to CA to ⊥ to CA.
						development of biotite in calc bands to
						5cm
L	1,5,7,6	1,6,2,7		2,1	SA6	±1 ±9 silica foliaform narrow bands
						very minor py and more abundant po
L	1,6,2,7	1,6,4,4		2,2	SA61	±3 ±9 po>py strongly calcareous
						bands 30% in an essentially
						non calc unit.
L	1,6,4,4	1,7,5,3		2,3	SA61	(SA19)
						essentially siliceous non calc SA

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

DDH FAG1218 (2 / 8) Cyprus Anvil Mining Corp. Page 5 of 9

Lithologic Log Date: 7 June 82 Logged By: RST/GT

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						with interbands of SA19 which are quite close to 4A0 for instance 172-172.3 & 172.7-178. foliaform qtz veins with 30% po assoc' ave 2 cm thick. Fracture from 170.6-171.6 subparallel to CA. qtz ±calc healed in some cases. Dinky band of 503 at 171
L	117 53	118 30		24	5A16	±3 weakly calc essentially as vlts along fractures ±9 po > py but considerably less 5% than previous unit (<5% as opposed to 10%)
L	118 30	118 57		25	5A16	(QQ0 x±9) SHEAR ZONE (actually quite an impressive one. Slickensided surface at 35° to CA gouge zone contact at 45° to CA
L	118 57	118 78		26	3681	(SA6)(QQ*) SA6 bands are very thin and suggestive of interlayering of the units above and below ⇒ the fault may be inter unit slippage mainly. mud seam marked by drillers at 187.5' no core loss
L	118 78	119 04		27	3681*	minor CO_3 in fractures
L	119 04	120 31		28	3681	rock is medium greenish grey fine grained schist with biotite chlorite minor pink andalusite, yellow brn staurolite pinkish red garnets. white albite
L	120 31	120 78		29	3681!	! = section characterized by ~1cm diam porphs of mt as equant blebs - similar in size and shape to garnets and andalusite and sheared
L	120 78	121 22		30	3681	
L	121 22	121 60		31	3681	(QQ*) broken and qtz veined, - tourmaline in qtz vein at 212.3-212.9 strongly calcareous, At 214.8 5cm sheared zone with po
L	121 60	123 24		32	3681	[100] Mt is abundant as 1-3 mm white twinned porphs. also abundant

DDH FAGA218 (2 … 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 7 June 82 Logged By: RST / GJ

Code	From	To	Recov.	No.	Unit	Description
1	10 … 14	16 … 20	22 … 24	26 … 28	30 … 34	35
						1mm – 1cm pink andl porphs – ubiquitous staurolite and garnet mini porphs. At 222.3 and below have another porph type – translucent and greyish may be microcline · shear zone at 45° to ca from 224.1 – 224.3 Mt as porphs at 230.8
L	2324	2421		33	100	[1C0] this is noticeably coarser than previous schists · it is a throughgoing schist with distinct noticeable mineral banding – it bears andalusite – much staur. and tourd and dark qbarty blebs that elsewhere have been called relict andalusite porphs but here coexist with good pink andal. Andalusite qtz chl veins along Sz common.
L	2421	2441		34	305	[3F][1G] banded and boudinaged bio schist and calcite marble. banding on 1–3 cm scale · very reactive to acid · Looks any of the above porphs (2/3 marble 1/3 schist)

C.A.M.C. 1981 – E-3

DDH EA-GA-218 (2 / 8) **Cyprus Anvil Mining Corp.** Page 7 of 9

Structural Log Date: 6/7/82 Logged By: RST/GJ

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
#	0,00	9,84						no structure
S		9,86	CS2	S			72,30	
S		9,89	CS2	S			65,30	
S		10,10	CS2	M			80	
S		10,25	CS2	Z			75	
S		10,49	CS2	S			80	
S		10,62	INT	P		70 050	60	
S		11,16	INT	P			80	
S		12,05	INT	P			75	
S		12,32	CS2	S			65	
S		12,58	CS2	Z			85	
S		12,97	CS2	Z			80	
S		13,30	CS2	M			80	
S		13,90	INT	P			80	
S		14,39	INT	P			75	
S		14,88	INT	H			90	⊥ to core axis
S		15,25	CS2	S			65	
S		15,38	CS2	Z			75	
S		15,90	CS2	M			75	
S		16,29	CS2	Z			55	
S		16,50	CS2	Z			80	
S		16,58	CS2	M			70	
S		17,12	CS2	Z			70	
S		17,46	CS2	S			60	
#		17,71						post D_2 fold axial plane
								⊥ to core axis - style
								is kink fold - chevron
S		18,26	CS2	S			75	
S		18,84	INT	P	40 270		80	S_0 = shear zone) shears seem to parallel
S		19,10	INT	P	35 270		70	S_0 = shear zone) fault/ood contact here
S		19,38	INT	P	72 260		75	S_0 = post D_2 fold ax pl - rootless disharm.
S		19,34	INT	P	70 200		78	S_1 = post D_2 fold ax pl "
S		19,93	INT	P			70	
S		20,65	INT	P			70	
S		21,20	INT	P			70	
S		21,77	INT	P			70	

DDH FAGA218 (2 / 8) Cyprus Anvil Mining Corp. Page 8 of 9

Structural Log Date: 7 June 82 Logged By: RST/GJ

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		1236	INT	P			70	
S		1277	INT	P			70	
S		1327	INT	P			70	
S		1395	INT	P			75	
S		1460	INT	P			70	
S		141	INT	P	G3	200	85	S_0 = post D_3 recumulation clev. related to post D_2 folds at 193m?

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

DDH FAGA218 (2–8) Cyprus Anvil Mining Corp

Logged by RST/GJ

ASSAY LOG (SAMPLER'S COPY) Date 7 June 82 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10–14	16–20	22–26	28–30	32–34	36–40	42
P	1984	1998	124933	14	107	4AU	ph[4LI]
P	1998	2012	124944	14	14	4AU	ph[4LI]
P	2062	2068	124955	12	06	4L0	(4H*4) } apparent discrepancy between
P	2068	2090	124966	12	22	4H*4	(4L0) } lith log due to 4L0 being in upper ½
P	2095	2099	124977	04	04	4H4*	(4L0)

Prep'd by Gumboco.

-218		Pb	Zn	Pb+Zn	int	
98.4 -99.8	12493	.04	.07	.11	1.4	
99.8 - 101.2	12494	.04	.10	.14	1.4	
					2.8	@ .13
106.2 - 106.8	12495	1.01	.77	1.78	0.6	
106.8 -109.0	12496	7.55	8.86	16.41	2.2	
					2.8	@ 13.28
109.5 - 109.7	12497	2.56	2.45	5.01	0.4	

[illegible] or 11.5 @ [illegible]
[illegible] or 3.7 @ 10.59.

DDH FAGA218 (2 meters, 8) Cyprus Anvil Mining Corp. Page ____ of ____

~~Structural~~ FAULT 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	
E	1680	1984	P.P.	0				
E	1027	1028	G					
E	1056	1060	GS		999999			
E	1071	1073	LS					
E	1090	1095	G					
E	1095	1099	XQ					
E	1099	1130	G					
E		1163	LS					
E	1172	1179	S			999999		
E		1202	S			999999		
E	1238	1241	XG					
E	1343	1349	XQ					
E	1706	1716	FFQ					
E	1500	1525	LFQ					
E	1830	1857	35F					
E		1875	LG					
E	2122	2160	BSQ					
E	2241	2243	S					

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

DDH: FAGA218 -- 132 DEGREE PROFILE

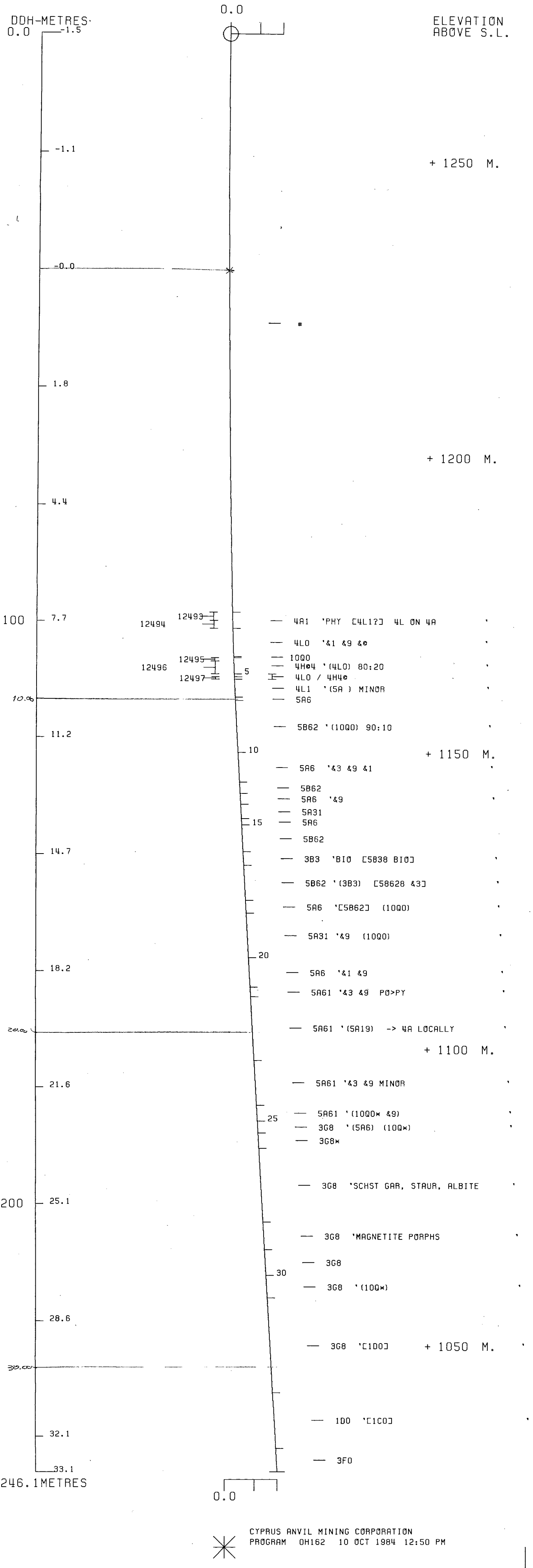
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1271 592619E ; 904620N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 940.6 Z = 1271.4

SECTION NAME: 02N



CYPRUS ANVIL MINING CORPORATION
PROGRAM OH162 10 OCT 1984 12:50 PM

DDH: FAGA218 -- 132 DEGREE PROFILE

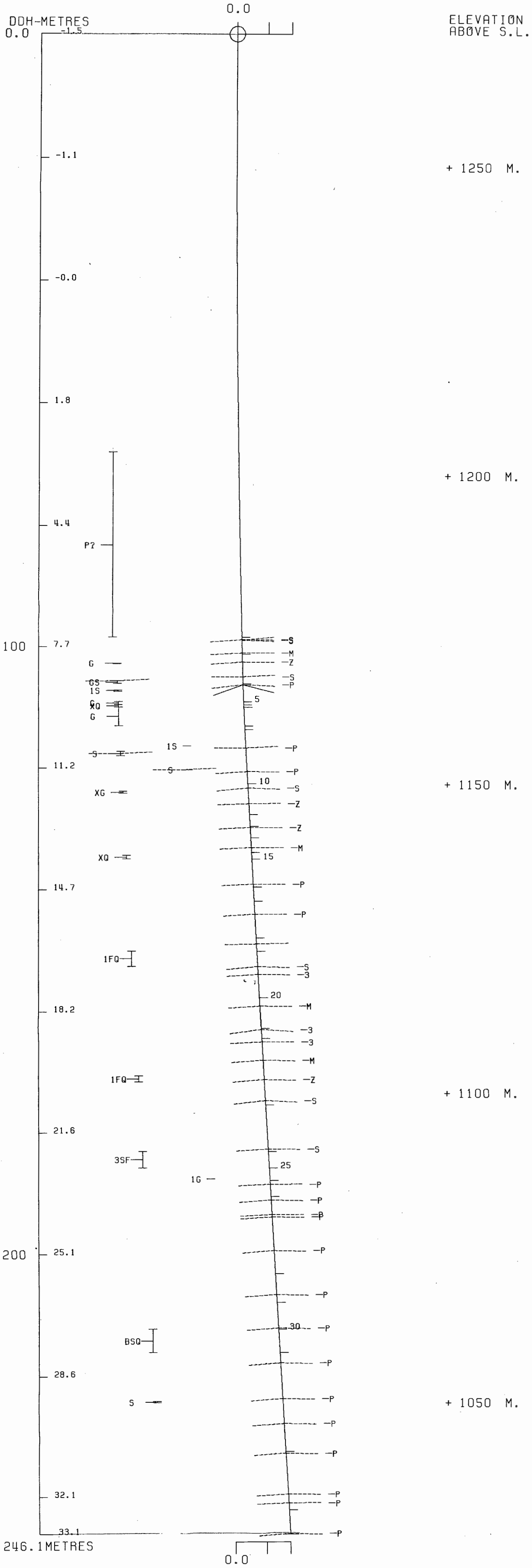
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1271 592619E ; 904620N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 940.6 Z = 1271.4

SECTION NAME: 02N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 10 OCT 1984 12:48 PM

FAGA220

DRILL HOLE : FAGA220

NORTHING : 904,556.7

EASTING : 592,641.0

ELEVATION : 1,266.2

TOTAL DEPTH : 291.7

SECTION : W 56

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: 0

NOS DOWN-H-SURVEYS: 6

NOS DOWN-H-LITHOLOGY: 67

NOS DOWN-H-STRUCTURE: 39

NOS DOWN-H-FAULTS: 14

NOS DOWN-H-SPLINES: 6

NOS COMPOSITES: 0

DDH: FAGA220 UTM-N: 904,556.7 UTM-E: 592,641.0 UTM-ELEV: 1,266.2 TOTAL DEPTH: 291.7 SECTION: W 56
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
67.400	176.500	30.000
103.600	173.000	55.000
164.600	170.500	58.000
225.500	166.500	57.000
286.500	164.000	30.000

DDH: FAGA220 UTM-N: 904,596.7 UTM-E: 592,641.0 UTM-ELEV: 1,266.2 TOTAL DEPTH: 291.7 SECTION: A 56
RFE: 52 RFE DIP: 250 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
64.9	0001	*		0.5-	1
65.7	0002	4L1	(3G4)	0.5-	1
67.0	0003	3GC	(3G9)	0.5-	1
67.6	0004	3G9		0.5-	1
68.4	0005	3GC		0.5-	1
71.0	0006	5A6	& 3 (5A62 &3)	0.5-	1
74.7	0007	5B1C		0.5-	1
75.3	0008	5BC		0.5-	1
75.6	0009	5B2C		0.5-	1
76.8	0010	10G*	(5B2)	0.5-	1
78.5	0011	5B2	GOUGE	0.5-	1
81.9	0012	3G9		0.5-	1
82.9	0013	3G9	& 3	0.5-	1
83.6	0014	3G9	(3B3 BIO)	0.5-	1
85.6	0015	3G9		0.5-	1
89.1	0016	3G9	(3G3) MINOR	0.5-	1
90.2	0017	5AC	[3E0] ???	0.5-	1
102.6	0018	3GC	(3B3 BIO)	0.5-	1
104.0	0019	3GC		0.5-	1
107.4	0020	3GC	(3G3) MINOR	0.5-	1
108.3	0021	3GC	(3B3) 50:50	0.5-	1
112.0	0022	3GC	(3G3)	0.5-	1
115.4	0023	3G9	(3B39) 70:30	0.5-	1
117.5	0024	3GC	(3B3) MINOR	0.5-	1
119.6	0025	3E3	BIO. (3G0) MINOR	0.5-	1
120.8	0026	3GC	(3B3)	0.5-	1
124.2	0027	3G9	(5A2)	0.5-	1
129.2	0028	3GC	(3G3) MINOR	0.5-	1
130.3	0029	3G9	& 3	0.5-	1
131.6	0030	3GC	& 3	0.5-	1
135.0	0031	3F9	(3G9) 70:30	0.5-	1
137.4	0032	3GC		0.5-	1
138.2	0033	3F9	(3G9) 60:40	0.5-	1
138.6	0034	3G9	& 3	0.5-	1
139.6	0035	3G9	(3B3) 70:30	0.5-	1
141.5	0036	3G1C		0.5-	1
141.8	0037	3B0	& 3 BIO.	0.5-	1
143.2	0038	3GC		0.5-	1
143.6	0039	3B0	& 3 BIO.	0.5-	1
158.5	0040	3G0		0.5-	1
160.9	0041	3G9	& 3 (3G0) NOT 5A	0.5-	1
164.0	0042	3G93	VERY CALC., STRONGLY STRIPED	0.5-	1
166.5	0043	3G9	&3 AS #42 BUT LESS SO	0.5-	1
167.5	0044	3G39	(3B3)	0.5-	1
169.3	0045	3F9		0.5-	1
174.5	0046	3G93	(3B39) 90:10	0.5-	1
181.5	0047	3G9	[5A6 &2]	0.5-	1
182.4	0048	3G9	&3 [5A6 &3]	0.5-	1
184.4	0049	3B3	(3G0)	0.5-	1
196.1	0050	3G93	[5A3]	0.5-	1
199.4	0051	3GC		0.5-	1

DDH: FAGA22C UTM-N: 904,556.7 UTM-E: 592,641.0 UTM-ELEV: 1,266.2 TOTAL DEPTH: 291.7 SECTION: W 56
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
201.0	0C52	3G9	[5B62]	0.5-	1
202.2	0C53	3GC	(3B3) 80:20	0.5-	1
203.7	0C54	3G9	83	0.5-	1
207.6	0C55	3GC	& 3 VERY MINOR	0.5-	1
208.2	0C56	3G9	[5A6] GOUGE	0.5-	1
214.3	0C57	3G9	[5A6] (3G916[5A19])MINOR -> 4A	0.5-	1
214.6	0C58	3G9	[5A6] GOUGE	0.5-	1
227.6	0C59	3G9	[5A6]	0.5-	1
228.4	0C60	3G9	[5A6] FAULT ROCK	0.5-	1
229.0	0C61	3GC	BIO. CATACLASITE ?	0.5-	1
239.4	0C62	3GC8	STAUR. GAR. ANDUL. BIC. ALBITE	0.5-	1
245.1	0C63	3G4	STAUR. ANDUL.	0.5-	1
246.5	0C64	3GC	-> 1CC BIC. GAR. ANDUL.	0.5-	1
266.5	0C65	3FC		0.5-	1
267.0	0C66	3D8	[3B] ??	0.5-	1
291.7	0C67	3GC	-> 1CC STAUR. ANDUL. GAR. BIO.	0.5-	1

DDH: FAGA220 UTM-N: 904,556.7 UTM-E: 592,641.0 UTM-ELEV: 1,2e6.2 TOTAL DEPTH: 291.7 SECTION: W 56
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SC ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA220	0.0	65.5	CS2		0	0	0	0	50	230	0		1	1	1
FAGA220	0.0	73.2	CS2		0	0	0	0	65	230	0		1	1	1
FAGA220	0.0	80.6	PS2	P	0	0	0	0	66	230	0		1	1	1
FAGA220	0.0	86.7	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA220	0.0	92.9	PS2	P	0	0	0	0	77	230	0		1	1	1
FAGA220	0.0	99.3	PS2	P	0	0	0	0	68	230	0		1	1	1
FAGA220	0.0	105.4	PS2	P	0	0	0	0	90	230	0		1	1	1
FAGA220	0.0	111.5	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA220	0.0	117.6	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA220	0.0	123.5	PS2	P	0	0	0	0	85	230	0		1	1	1
FAGA220	0.0	129.8	PS2	P	0	0	0	0	85	230	0		1	1	1
FAGA220	0.0	134.5	PS2	P	0	0	0	0	72	230	0		1	1	1
FAGA220	0.0	139.0	PS2	P	0	0	0	0	78	230	0		1	1	1
FAGA220	0.0	145.3	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA220	0.0	151.0	PS2	P	0	0	0	0	90	230	0		1	1	1
FAGA220	0.0	159.3	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA220	0.0	166.5	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA220	0.0	172.8	PS2	P	0	0	0	0	85	230	0		1	1	1
FAGA220	0.0	178.5	PS2	P	0	0	0	0	85	230	0		1	1	1
FAGA220	0.0	184.5	PS2	P	0	0	0	0	77	230	0		1	1	1
FAGA220	0.0	191.0	PS2	P	0	0	0	0	85	230	0		1	1	1
FAGA220	0.0	195.2	PS2	P	0	0	0	0	88	230	0		1	1	1
FAGA220	0.0	201.2	PS2	P	0	0	0	0	83	230	0		1	1	1
FAGA220	0.0	207.4	PS2	P	0	0	0	0	78	230	0		1	1	1
FAGA220	0.0	211.9	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA220	0.0	217.6	PS2	P	0	0	0	0	68	230	0		1	1	1
FAGA220	0.0	220.8	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA220	0.0	225.8	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA220	0.0	232.5	PS2	P	0	0	0	0	60	230	0		1	1	1
FAGA220	0.0	239.3	PS2	P	0	0	0	0	60	230	0		1	1	1
FAGA220	0.0	245.3	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA220	0.0	251.3	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA220	0.0	257.7	PS2	P	0	0	0	0	73	230	0		1	1	1
FAGA220	0.0	263.8	PS2	P	0	0	0	0	55	230	0		1	1	1
FAGA220	0.0	267.1	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA220	0.0	273.1	PS2	P	0	0	0	0	69	230	0		1	1	1
FAGA220	0.0	279.6	PS2	P	0	0	0	0	74	230	0		1	1	1
FAGA220	0.0	285.5	PS2	P	0	0	0	0	62	230	0		1	1	1
FAGA220	0.0	291.6	PS2	P	0	0	0	0	67	230	0		1	1	1

DDH: FAGA22C UTM-N: 904,556.7 UTM-E: 592,641.C UTM-ELEV: 1,266.2 TOTAL DEPTH: 291.7 SECTION: W 56
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 CS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHC
FAGA220	67.C	c7.6	SG		99	999	C	C	0	0	1
FAGA220	68.4	71.C	B1G		C	0	99	999	0	0	1
FAGA220	71.C	74.7	1G		C	0	99	999	0	0	1
FAGA220	74.7	75.3	G		C	0	C	C	99	999	1
FAGA220	75.3	75.6	1G		C	0	99	999	0	0	1
FAGA220	75.6	76.8	9		C	0	C	C	0	0	1
FAGA220	76.8	78.5	G		C	0	99	999	0	0	1
FAGA220	1C2.6	1C4.0	B1G		C	0	C	C	0	0	1
FAGA220	137.4	138.2	BG		C	0	99	999	0	0	1
FAGA220	2C7.6	2C8.2	GB		99	999	C	C	0	0	1
FAGA220	214.3	214.6	G		C	0	C	C	0	0	1
FAGA220	0.C	227.6	1G		C	0	C	C	0	0	1
FAGA220	227.6	228.4	XC		0	0	C	C	0	0	1
FAGA220	228.4	229.0	SXF		0	0	C	C	0	0	1

DDH: FAGA220 UTM-N: 904,556.7 UTM-E: 592,641.0 UTM-ELEV: 1,266.2 TOTAL DEPTH: 291.7 SECTION: W 56
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA220	1	2
FAGA220	2	2
FAGA220	3	2
FAGA220	4	2
FAGA220	5	2
FAGA220	6	1

CYPRUS ANVIL MINING CORPORATION Page 1 of 8

DIAMOND DRILL CORE LOG Date:

Hole Number: FAGA 220 (82A-220)

Project: GRUM 1982 DRILL PROGRAM

Location: VANGORDA PLATEAU (105K)

Claim: Champ 5

NTS ~~Terr. Plane~~ Co-ords.: 6904556.681 N

AMC Mine Survey Grid Co-ords.: 592640.994 E

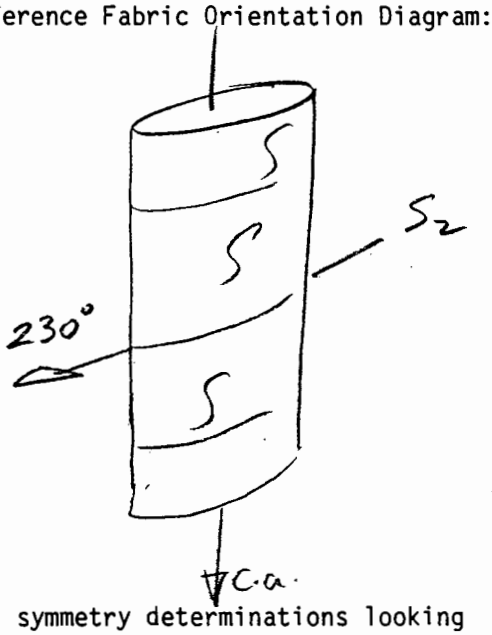
56W

1N

Elevation: 1266.222 m.

Total Depth: 291.7m (957')

Reference Fabric Orientation Diagram:



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

Purpose: Test main sulfide horizon (SW limb) & upright panel

Reason hole Terminated: Severed

Logged by: DSJ/GAJ Date(s) Logged: 12 June 82

Drilling Contractor: Arctic Diamond Drilling

Size	CORE From	To
NQ	62.5m	291.7m
		44

Collar Cased and Capped: No

Hole Cemented: No

Steel down hole: No

Started: May 24/82 Completed: May 28/82

Cyprus Anvil Mining Corp.

DDH FAGA220 (2 8)

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
1	2 8	10 16	17 24	25 32	34 39	41 42	
T	FAGA220	11266.2	9045566.7	591264 1.0	Metres	S2	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGA220	1000	180.0	0.0	AT COLLAR
R	FAGA220	1674	175.5	030.0	SPERRY SUN SINGLE SHOT
R	FAGA220	1036	173.0	055.0	
R	FAGA220	1646	170.5	058.0	
R	FAGA220	2255	166.5	057.0	
R	FAGA220	2865	164.0	030.0	

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

DDH FAGA220 (2–8) Cyprus Anvil Mining Corp. Page 3 of 8

Lithologic Log Date: 12 June 82 Logged By: DSJ/GJ

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	0	649		1	*	overburden
L	649	657		2	4L1	(3G4)
L	657	670		3	3G0	(3G9)
L	670	676		4	3G9	broken core and gouge lower contact indeterminate upper contact sub ⊥ S_2
L	676	684		5	3G0	
L	684	710		6	5A6	(5A62) ±3 interval broken throughout local gouge ⊥ S_2 20cm OB* at end
L	710	747		7	5B1	moderately calcareous fairly siliceous incipient gouge ~⊥ S_2 over entire interval – many hairline calcite fractures dipping opposite direction to S_2
L	747	753		8	5B0	GOUGE upper indet. – lower ⊥ S_2
L	753	756		9	5B2	slightly calc. mod. carbonac. – gouge ⊥ S_2
L	756	768		10	0D*	(5B2) broken over interval
L	768	785		11	5B2	GOUGE upper & lower cont indet. gouge ⊥ S_2 (75.1 – 78.5 would be Dual Elk Detach.)
L	785	819		12	3G9	weakly – mod carb. local minor calcite in veinlets
L	819	829		13	3G9	±3
L	829	836		14	3G9	(3B3) 3B3 tends to be biotitic, chloritic minor po blebs foliaform to S_2
L	836	856		15	3G9	
L	856	891		16	3G9	(3G3) local and minor 3G3
L	891	902		17	5A0	[3E0]
L	902	1026		18	3G0	with 3B3 band at 96.8 biotitic, weakly chloritic moderately calc minor foliaform po.
L	1026	1040		19	3G0	broken core over interval minor gouge – no attitude – possible fault
L	1040	1074		20	3G0	(3G3) weakly calc – 3G3 bands are minor

DDH FAGA220 (2 8) Cyprus Anvil Mining Corp. Page 4 of 8

Lithologic Log Date: 12 June 82 Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1074	1083		21	3G0	(3B3) 50/50 interbanded sequence. 3B3
						bands as seen above
L	1083	1120		22	3G0	(3G3) latter is very minor
L	1120	1154		23	3G9	(3B39) 70/30
L	1154	1175		24	3G0	local weakly calcareous 3B3 lamina
L	1175	1196		25	3B3	(3G0) brownish, very calc. bio + chl + calc + qtz
						minor 3G0 interlayers
L	1196	1208		26	3G0	(3B3) latter as minor interbands
L	1208	1242		27	3G9	(5A2) latter is sooty in part
L	1242	1292		28	3G0	rare (3G3)
L	1292	1303		29	3G9	±3
L	1303	1316		30	3G0	±3
L	1316	1350		31	3F9	(3G9) 70/30 carbonac. phyllitic mbl ≡3F9
L	1350	1374		32	3G0	
L	1374	1382		33	3F9	(3G9) 60/40 last 20cm broken and
						gouged // to S_2 + QQ*
L	1382	1386		34	3G9	±3 moderately calcareous bands
L	1386	1396		35	3G9	(3B3) 70/30
L	1396	1415		36	3G1	non calcareous.
L	1415	1418		37	3B0	±3 light brown very bio rich
L	1418	1432		38	3G0	
L	1432	1436		39	3B0	±3 bio as above.
L	1436	1585		40	3G0	
L	1585	1609		41	3G9	±3 (3G0) moderately carbonac only - not 5A
L	1609	1640		42	3G9 3	strongly calcareous many lamina of
						3B39 giving strongly striped appearance
						should correlate with same unit in A222
L	1640	1665		43	3G9	±3 as above unit slightly less carbonac
						and calc - many 3B3 lamina - S_2
						foliaform pebbles minor stepped
						filled fractures
L	1665	1675		44	3G39	many 3B3 lamina same unit as previous
						two only much more strongly calcareous
L	1675	1693		45	3F9	finely xlin dk grey to blk phyllitic
						lst/mbl.
L	1693	1745		46	3G93	(3B39) 90/10 unit strongly calc in laminae bands

DDH EAGA220 (2–8) **Cyprus Anvil Mining Corp.** Page 5 of 8

Lithologic Log Date: 12 June 82 Logged By: DSJ/GJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						not to be confused with 5B2 - [5A3]
L	1745	1815		47	3691	[5A6] non calc. local 5A62 lamine (histos 369)
L	1815	1824		48	3691	±3 [5A6 ±3]
L	1824	1844		49	3B3	(3G0) strongly bedded laminarly to thinly; mod calc in 3B bands
						very distinctive unit - has been called bedding stripped rock + Mye exact for 3B3 layers and slightly too high carbon content
L	1844	1961		510	3691 3	[5A3] carbonate content decreases toward base of interval.
L	1961	1994		511	3691	
L	1994	2010		5R2	3691	[5B62]
L	2010	2022		53	3601	(3B3) 80/20 bedded unit with dark grey carbonaceous lamina spaced on av. 3cm.
L	2022	2037		514	3691	±3
L	2037	2076		515	3691	±3 very minor formational carbonate.
L	2076	2082		56	3691	[5A6] GOUGE ± broken cor upper ll S_2 lower ind.
L	2082	2143		517	3691	[5A6] thin section of 36918 [5A19], ie approaching 4A; at 209.8
L	2143	2146		518	3691	[5A6] GOUGE ind. contacts
L	2146	2176		519	3691	[5A6]
L	2176	2284		60	3691	[5A6] brecciated healed with calcite veinlets - top of unit bounded by 3cm GOUGE ll S_2 - base of unit bounded by fault with slicks ll S_2 (Make Belive Fault)
L	2284	2290		61	3601	medium greenish grey siliceous biotite + clinoamphibole + chl rock incipiently brecciated - probable cataclasite derived from nat Mye schists beneath Make belive fault. unit non calc but cut by calcite veins.

C.A.M.C. 1981 – E-3

DDH FAGA220 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 12 June 82 Logged By: [illegible]/GHJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1229 0	1239 4		62	3G0	light greenish grey staurolite + garnet ± andul + bio+musc alt sch. not 1D or 1C transitional from 3G to 1C/D - green color probably due to retrograde chlorite from biotite perhaps related to shearing on Make Believe Fault
L	1239 4	2451		63	3G4	altered buff to light grey staur andul sch showing relict clots of fresh bio bearing schist xcut and altered by hairline qtz carbonate vein stockwork - numerous OP* - alteration not related to 4L but probably to faulting
L	2451	2465		64	3G0	bio garnet ± andul schists trans from 3G to 1C/D unaltered, a few bands like following unit.
L	2465	2616 5		65	3F0	
L	2616 5	2617 0		66	3D8	light grey green non calc silic chloritic ph- could be 3B
L	2617 0	2917		67	3G0	staur-andul-garnet bio-musc chl sch. trans from 3G to 1C/D numerous QP veinlets over interval. 291.7 = E.O.H!

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

DDH FAGA220 (2 8) **Cyprus Anvil Mining Corp.** Page 7 of 8

Structural Log Date: 12 June 82 Logged By: DSJ GJ

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	CS2					51 230	
$								fault zone.
S	173 2	CS2					65	
S	180 6	1,N,D	P				66	SW S_2 dip implied by CS_n
S	867	1,N,D	P				75	
S	912 9	1,N,D	P				77	SW S_2 dip implied by CS_n.
S	993	1,N,D	P				68	
S	1054	1,N,D	P				90	
S	1115	1,N,D	P				75	
S	1176	1,N,D	P				75	SW dip implied by CS_n.
S	1235	1,N,D	P				85	
S	1298	1,N,D	P				85	
S	1345	1,N,D	P				72	S_n steeper to SW than S_2 ⇒ S_2 dips SW.
S	1390	1,N,D	P				78	
S	1453	1,N,D	P				80	S_n ⇒ 5-6 here to SW S_2 dip
S	1510	1,N,D	P				90	S_2 rolls over around 146mN. NE S_2 dip ⇒ by S_n
S	1593	1,N,D	P				80	S_2 appears to dip NE if S_n dips SW @ 60
S	1665	1,N,D	P				75	NE dip implied by S_n
S	1728	1,N,D	P				85	
S	1785	1,N,D	P				85	
S	1845	1,N,D	P				77	Shallow NE S_2 ⇒ by S_n
S	1910	1,N,D	P				85	
S	1952	1,N,D	P				88	
S	2012	1,N,D	P				83	
S	2074	1,N,D	P				78	
S	2119	1,N,D	P				70	S_n ⇒ S_2 dips SW here
S	2176	1,N,D	P				68	
S	2208	1,N,D	P				70	
S	2258	1,N,D	P				70	Shearing along S_2 for ~ 10m above
S	2325	1,N,D	P				60	
S	2393	1,N,D	P				60	
S	2453	1,N,D	P				75	
S	2513	1,N,D	P				75	
S	2577	1,N,D	P				73	
S	2638	1,N,D	P				55	
S	2671	1,N,D	P				80	

DDH EAGA220 (2 / 8) Cyprus Anvil Mining Corp. Page 8 of 8

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Es	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		273	1 N D	P			69	
S		279	1 N D	P			7H	
S		285	1 N D	P			612	CS_n here implies BS_2 dips NE shal.
S		291	1 N D	P			617	
								Note S_n is a weak post S_2 crenulation foln. which mostly ~60° to CA.

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

DDH EAGA220 (2 … 8) meters

Cyprus Anvil Mining Corp.

~~Structural~~ Fault Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	670	676	BG		9999			
F	684	710	B,1G			9999		
F	710	747	1G			9999		
F	747	753	G				9999	
F	753	756	1G			9999		
F	756	768	B					
F	768	785	G			9999		
F	1026	1040	B,1G					
F	1374	1382	BG			9999		
F	2076	2082	G,B		9999			
F	2143	2146	G					
F	2276	2284	X,Q					
F		2376	1G					
F	2284	2290	S,X,F					

DDH: FAGA220 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1266 592641E ; 904557N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 999.7 Z = 1266.2

SECTION NAME: 02N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 10 OCT 1984 12:42 PM

DDH: FAGA220 -- 132 DEGREE PROFILE

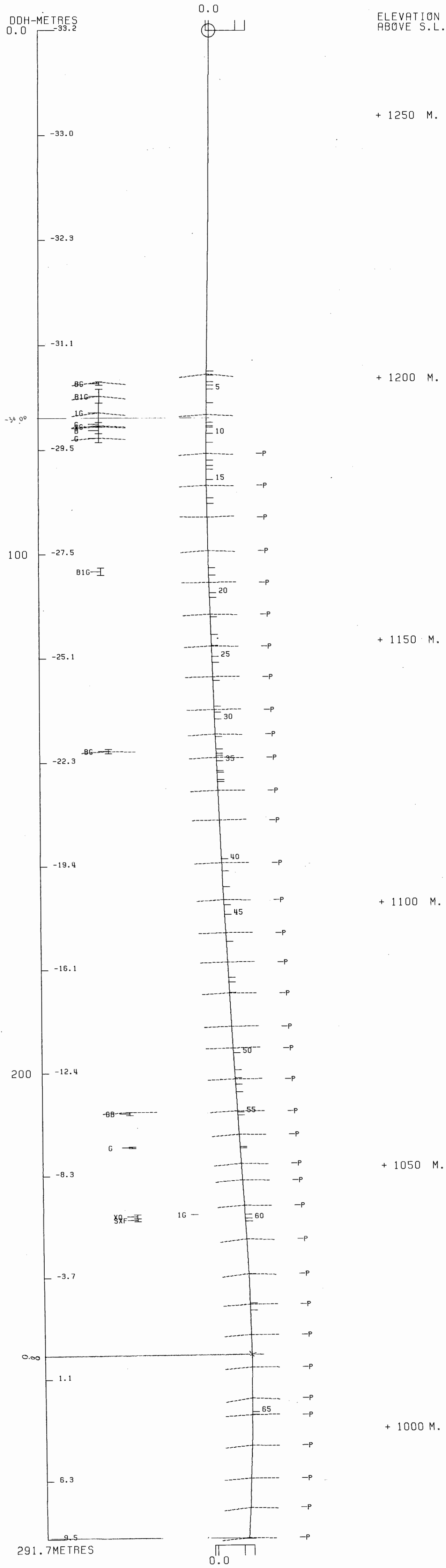
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1266 592641E ; 904557N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 999.7 Z = 1266.2

SECTION NAME: 02N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 10 OCT 1984 12:39 PM

FAGA221

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGA221	12811	69.7	71.2	1.5	87	4E4	4.55	.19	6.30	10.90	118.0	1.10	17.43	2.97		17.20	20.30	.63
	12812	71.2	72.8	1.6	87	4E4	4.48	.22	5.40	12.10	109.0	1.30	20.33	5.27		17.50	25.60	.69
	12813	77.1	77.7	.6	100	4G4		.14	7.20	9.60	115.0					16.80		.57
	12814	81.0	82.6	1.6	87	4ECA		.16	1.32	3.20	23.0					4.52		.71
	12815	92.7	95.1	2.4	96	4HDL		.22	1.49	1.26	25.0					2.75		.46

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGA221	12811	4E4	.55	7.28	16.25	27.41	6.17		42.34	*	.47	3.50	14.64	21.47	4.45		55.48
	12812	4E4	.64	6.24	18.04	31.97	11.33		31.78	*	.58	3.17	17.17	26.46	8.63		44.00
	12813	4G4	.40	8.32	14.31				76.97	*							
	12814	4EDA	.44	1.52	4.77				93.24	*							
	12815	4HDL	.64	1.72	1.88				95.77	*							

DRILL HOLE	:	FAGA221
NORTHING	:	904,596.2
EASTING	:	592,597.2
ELEVATION	:	1,268.5
TOTAL DEPTH	:	291.7
SECTION	:	W 58
R.F.E.	:	S2
RFE DIRECTION	:	230
PLUNGE ANGLE	:	11
PLUNGE DIRECT	:	312
CHD CALC	:	1
SS CALC	:	1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	5
NOS DOWN-H-SURVEYS:	6
NOS DOWN-H-LITHOLOGY:	90
NOS DOWN-H-STRUCTURE:	40
NOS DOWN-H-FAULTS:	35
NOS DOWN-H-SPLINES:	6
NOS COMPOSITES:	0

DDH: FAGA221 UTM-N: 904,596.2 UTM-E: 592,597.2 UTM-ELEV: 1,268.5 TOTAL DEPTH: 291.7 SECTION: W 58
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
69.7	71.2	12811	1.5	1.3	4E4	4.55	.19	6.30	10.90	118.00		1.10	17	2	20						
71.2	72.8	12812	1.6	1.4	4E4	4.48	.22	5.40	12.10	109.00		1.30	20	5	25						
77.1	77.7	12813	.6	.6	4G4		.14	7.20	9.60	115.00											
81.0	82.6	12814	1.6	1.4	4ECA		.16	1.32	3.20	23.00											
92.7	95.1	12815	2.4	2.3	4HDL		.22	1.49	1.26	25.00											
WEIGHTED AVERAGE																					
69.7	72.8		3.1	2.7		4.51	.20	5.83	11.51	113.35		1.20	18	4	23						
77.1	77.7		.6	.6			.14	7.20	9.60	115.00											
81.0	82.6		1.6	1.4			.16	1.32	3.20	23.00											
92.7	95.1		2.4	2.3			.22	1.49	1.26	25.00											

DDH: FAGA221 UTM-N: 904,596.2 UTM-E: 592,597.2 UTM-ELEV: 1,268.5 TOTAL DEPTH: 291.7 SECTION: W 58
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
54.500	179.000	68.000
103.600	177.000	96.000
161.500	175.800	57.000
225.500	170.200	33.000
286.500	167.500	46.000

DDH: FAGA221 UTM-N: 7C4,596.2 UTM-E: 592,597.2 UTM-ELEV: 1,268.5 TOTAL DEPTH: 291.7 SECTION: W 58
RFE: S2 PFE DIP: 23C PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
49.7	0CC1	*		0.5-	1
53.8	0CC2	3GC	(3G9)	0.5-	1
68.6	0CC3	5AC	&1 &6 (4AC) MINOR	0.5-	1
69.7	0CC4	5C4G	(4CC) 93:C7	0.5-	1
72.8	0CC5	4E4	&# BXA	0.5-	1
73.4	0CC6	5C4G		0.5-	1
75.4	0CC7	4LC	(4CC)	0.5-	1
75.7	0CC8	4L1		0.5-	1
76.4	0CC9	5C43		0.5-	1
7C.7	0C10	4LC	&5 BXA WITH 4E,4C,1CCC FRAGS.	0.5-	1
77.1	0C11	5C4G		0.5-	1
77.7	0C12	4G4	[4E46]	0.5-	1
80.7	0C13	5C4G		0.5-	1
81.0	0C14	4AC	[5A19]	0.5-	1
81.4	0C15	4EC	BXA.	0.5-	1
81.7	0C16	4AC	(5A19) GOUGE	0.5-	1
82.6	0C17	4CE	BXA	0.5-	1
84.5	0C18	3G3	GOUGE	0.5-	1
85.0	0C19	4L143	(3G4)	0.5-	1
85.2	CC20	4C7		0.5-	1
86.8	0C21	4AC	(5A19)	0.5-	1
87.2	0C22	4LC	(3G4)	0.5-	1
90.6	0C23	4LC	GOUGE	0.5-	1
91.5	0C24	4LC	&1	0.5-	1
92.3	0C25	4L1		0.5-	1
92.7	0C26	4AC	[5A19]	0.5-	1
95.1	0C27	4H4	BXA WITH 4D,4A,4L,1CCC FRAGS.	0.5-	1
95.5	0C28	5A19		0.5-	1
99.2	0C29	4LC	&4 &3 &1 AFTER 4A ??	0.5-	1
101.4	0C30	4AC	[5A19]	0.5-	1
102.2	0C31	4LC	&1	0.5-	1
102.7	0C32	4AC	[5A19]	0.5-	1
105.0	0C33	4LC	&1	0.5-	1
105.4	0C34	4AC	[5A19]	0.5-	1
105.8	0C35	4L1		0.5-	1
106.2	0C36	10CC		0.5-	1
106.5	0C37	4AC	[5A19]	0.5-	1
106.7	0C38	4A	GOUGE	0.5-	1
107.0	0C39	4AC	&*	0.5-	1
107.5	0C40	4L1		0.5-	1
107.9	0C41	4A10	&* &?	0.5-	1
108.3	0C42	4LC		0.5-	1
110.7	0C43	5A6		0.5-	1
114.9	0C44	5A3		0.5-	1
121.6	0C45	5AC	&3	0.5-	1
122.6	0C46	5AC	(3G9) GOUGE	0.5-	1
126.6	0C47	5D&	(3GC &4)	0.5-	1
134.1	0C48	3GC	&9	0.5-	1
139.0	0C49	3GC		0.5-	1
139.5	0C50	5A6		0.5-	1
141.6	0C51	3GC	&3	0.5-	1

DDH: FAGA221 UTM-N: 904,596.2 UTM-E: 592,597.2 UTM-ELEV: 1,269.5 TOTAL DEPTH: 291.7 SECTION: K 58
RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
144.2	0C52	5AC	&3	0.5-	1
145.1	0C53	3GC		0.5-	1
145.5	0C54	5CCa	MINOR #	0.5-	1
150.0	0C55	3GC		0.5-	1
155.4	0C56	3GC	(10QC)	0.5-	1
156.8	0C57	3G9	[5A6]	0.5-	1
162.6	0C58	3GC	(10QC#a)	0.5-	1
163.5	0C59	3G93	GOUGE	0.5-	1
164.7	0C60	3G9		0.5-	1
166.5	0C61	5AC	&3 [3G9]	0.5-	1
167.6	0C62	3F9		0.5-	1
168.8	0C63	5AC		0.5-	1
171.1	0C64	3G9	&3 [5A0]	0.5-	1
172.5	0C65	3G9	[5A6]	0.5-	1
173.1	0C66	3F9	[5A333]	0.5-	1
174.0	0C67	5A6		0.5-	1
175.3	0C68	3F9	[5A333....]	0.5-	1
204.9	0C69	5A6	-> 5A19 LOCALLY	0.5-	1
206.9	0C70	3GC	&8 &9 MYLONITE	0.5-	1
208.1	0C71	3GC	-> 1CC	0.5-	1
210.6	0C72	3FC		0.5-	1
211.2	0C73	3GC	-> 1CD BIO. -> CHL.	0.5-	1
211.4	0C74	3FC		0.5-	1
212.2	0C75	3GC	-> 1CC	0.5-	1
215.2	0C76	3FC		0.5-	1
232.3	0C77	3GC	-> 1CC ALBITE, STAUR. GAR.	0.5-	1
233.4	0C78	3C3	(3FO)	0.5-	1
236.7	0C79	3BC	(1CQC) [3C/5CD]	0.5-	1
238.9	0C80	3C1	[383]???	0.5-	1
242.1	0C81	3GC	-> 1CC STAUR. BIC. AND. GT. MT	0.5-	1
242.5	0C82	3GC	-> 1CD GOUGE	0.5-	1
248.9	0C83	3GC	-> 1CC MT. ANDUL.	0.5-	1
269.3	0C84	3FC	(3D)	0.5-	1
270.7	0C85	3G4	-> 1CC4 CARBONATED &	0.5-	1
273.5	0C86	1CC		0.5-	1
287.2	0C87	1CC		0.5-	1
287.4	0C88	3G8	-> 1CC	0.5-	1
288.1	0C89	3G8	-> 1CD	0.5-	1
291.7	0C90	3GC	-> 1CC	0.5-	1

DDH: FAGA221 UTM-N: 904,596.2 UTM-E: 552,597.2 UTM-ELEV: 1,268.5 TOTAL DEPTH: 291.7 SECTION: W 58
RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHCC	SDC	PROCESS
FAGA221	0.0	50.1	CS2		0	0	0	0	64	230	0	1	1	1
FAGA221	0.0	53.3	CS2		0	0	0	0	65	230	0	1	1	1
FAGA221	0.0	77.2	PS2	P	0	0	0	0	58	230	0	1	1	1
FAGA221	0.0	84.7	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGA221	0.0	92.6	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGA221	0.0	99.8	CS2		0	0	0	0	62	230	0	1	1	1
FAGA221	0.0	101.6	CS2		0	0	0	0	62	230	0	1	1	1
FAGA221	0.0	107.5	CS2		0	0	0	0	58	230	0	1	1	1
FAGA221	0.0	113.6	CS2		0	0	0	0	56	230	0	1	1	1
FAGA221	0.0	117.9	CS2		0	0	0	0	60	230	0	1	1	1
FAGA221	0.0	124.7	PS2	P	0	0	0	0	76	230	0	1	1	1
FAGA221	0.0	135.4	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA221	0.0	140.7	PS2	P	0	0	0	0	56	230	0	1	1	1
FAGA221	0.0	146.2	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGA221	0.0	156.8	PS2	P	0	0	0	0	54	230	0	1	1	1
FAGA221	0.0	167.0	PS2	P	0	0	0	0	35	230	0	1	1	1
FAGA221	0.0	170.6	PS2	P	0	0	0	0	45	230	0	1	1	1
FAGA221	0.0	177.3	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA221	0.0	182.5	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGA221	0.0	184.8	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGA221	0.0	191.3	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA221	0.0	197.2	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGA221	0.0	202.5	PS2	P	0	0	0	0	45	230	0	1	1	1
FAGA221	0.0	208.3	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA221	0.0	214.2	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA221	0.0	219.4	PS2	P	0	0	0	0	82	230	0	1	1	1
FAGA221	0.0	225.4	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA221	0.0	231.1	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA221	0.0	235.6	PS2	P	0	0	0	0	65	230	0	1	1	1
FAGA221	0.0	239.9	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA221	0.0	243.7	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGA221	0.0	247.9	PS2	P	0	0	0	0	65	230	0	1	1	1
FAGA221	0.0	253.8	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA221	0.0	259.3	PS2	P	0	0	0	0	65	230	0	1	1	1
FAGA221	0.0	266.5	PS2	P	0	0	0	0	72	230	0	1	1	1
FAGA221	0.0	274.5	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA221	0.0	277.7	PS2	P	0	0	0	0	82	230	0	1	1	1
FAGA221	0.0	283.0	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA221	0.0	286.8	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA221	0.0	290.8	PS2	P	0	0	0	0	85	230	0	1	1	1

DDH: FAGA221 UTM-N: 904,596.2 UTM-E: 592,597.2 UTM-ELEV: 1,268.5 TOTAL DEPTH: 291.7 SECTION: W - 58
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
FAGA221	53.8	68.6	BGP			C	0	C	C	0	C	1
FAGA221	69.7	72.8	XG?			C	0	C	C	0	0	1
FAGA221	72.8	73.4	1G			C	0	C	C	0	C	1
FAGA221	73.4	75.4	GXF			C	0	C	C	0	0	1
FAGA221	76.4	76.7	X			99	999	C	C	99	999	1
FAGA221	76.7	77.1	G			C	0	C	C	0	0	1
FAGA221	80.7	81.0	XG			99	999	C	C	0	0	1
FAGA221	81.0	81.4	X			0	0	C	C	0	0	1
FAGA221	81.4	81.7	G			0	0	C	C	99	999	1
FAGA221	81.7	82.6	1X			C	0	C	C	0	0	1
FAGA221	82.6	84.5	GBF			99	999	C	C	0	0	1
FAGA221	87.2	90.6	G			99	999	C	C	0	0	1
FAGA221	91.5	92.3	G			0	0	C	C	0	0	1
FAGA221	92.7	95.1	D?			C	0	C	C	0	0	1
FAGA221	106.5	106.7	G			C	0	0	C	35	0	1
FAGA221	108.3	110.7	XG			99	999	C	C	99	999	1
FAGA221	121.6	122.6	G			99	999	C	0	99	999	1
FAGA221	126.6	130.0	GB			70	180	0	0	0	0	1
FAGA221	130.0	134.1	G			0	0	C	0	60	320	1
FAGA221	134.1	139.0	B1G			C	0	0	C	0	0	1
FAGA221	139.0	139.5	G			0	0	C	C	0	0	1
FAGA221	150.0	155.5	BG			15	0	0	C	0	0	1
FAGA221	155.5	155.8	B1G			C	0	0	C	0	0	1
FAGA221	162.6	163.5	G			C	0	0	C	99	999	1
FAGA221	164.7	166.5	G3F	1		0	0	C	C	0	0	1
FAGA221	179.4	179.7	1G			0	0	99	999	0	0	1
FAGA221	204.9	206.9	3SF			C	0	C	C	0	0	1
FAGA221	242.1	242.5	G			0	0	C	C	0	0	1
FAGA221	270.5	273.5	BG			99	999	C	C	0	0	1
FAGA221	275.7	275.9	G			99	999	C	C	99	999	1
FAGA221	280.2	281.8	GXQ			10	170	C	C	0	0	1
FAGA221	286.2	286.6	G			0	0	0	C	0	0	1
FAGA221	287.2	287.4	BG			C	0	C	C	0	0	1
FAGA221	287.4	288.1	BR			0	0	C	C	0	0	1
FAGA221	291.1	291.7	BG			0	0	0	C	0	0	1

DDH: FAGA221 UTM-N: 904,596.2 UTM-E: 592,597.2 UTM-ELEV: 1,203.5 TOTAL DEPTH: 291.7 SECTION: W 58
RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	CCRD INDICATOR
FAGA221	1	2
FAGA221	2	2
FAGA221	3	2
FAGA221	4	2
FAGA221	5	2
FAGA221	6	1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 10

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGA-221 (82-A-221)

Project: 1982 GRUM DRILL PROGRAM

Location: VANGORDA PLATEAU (105K)

Claim: Champ 5

NTS ~~Terr. Plane~~ Co-ords.: 6904596.227 N

CAMC Mine Survey: 592597.246 E

Grid Co-ords: ~~58W~~

IN

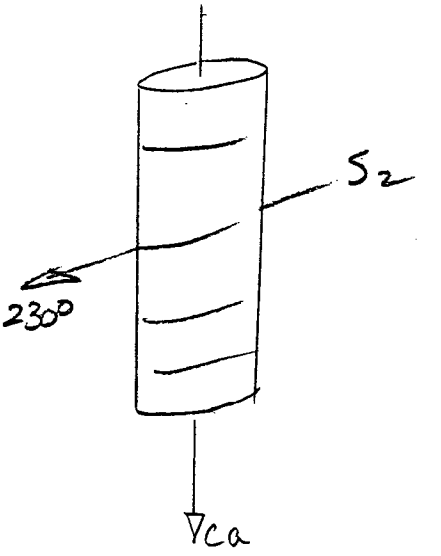
Elevation: 1268.532 m.

Total Depth: 291.7m (957 feet)

Purpose: Test Main Sulfide Horizon & Upright Panel

Reason hole Terminated: Over 100' into 3G

Reference Fabric Orientation Diagram:



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

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: Arctic Diamond Drilling Ltd.

Size	CORE From	To
NQ	49.7m	291.7m
		S38

Collar Cased and Capped: No

Hole Cemented: No

Steel down hole: No

Started: May 26/82 Completed: June 1/82

Cyprus Anvil Mining Corp.

DDH FAGA221 (2–8)

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole (2–8)	Elevation (10–16)	Northing (17–24)	Easting (25–32)	Units (feet/metres) (34–39)	R.F.E. (41–42)	
T	FAGA221	1268.5	9045961.2	592597.2	metres	S2	

Code	Drillhole (2–8)	Depth (10–14)	Zenith Angle (22–26)	True Azimuth (28–32)	Comments (34–56)
R	FAGA221	000	180.0	000.0	AT COLLAR
R	FAGA221	549	179.0	068.0	SPERRY SUN SINGLE SHOT
R	FAGA221	1036	177.0	096.0	
R	FAGA221	1615	175.8	957.0	
R	FAGA221	2255	170.2	033.0	
R	FAGA221	2865	167.5	046.0	

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

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

DDH FAGA221 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 17 June Logged By: DSJ/GJ

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	0	49.7		1	*	Overburden
L	49.7	53.8		2	3,6,0	(3G9)
L	53.8	68.6		3	5A0	±1±6 (4A0) minor latter 67.1 - 67.8m - no grade
						entire interval broken and gouged -
						terrible recovery - upper contact indeterm.
						lower contact indeterm. approx 3m
						recovery - probably a major fault (<1% Pb Zn)
L	68.6	69.7		4	5C4*	very heavily altered ankeritic - upper .1m
						4C0 -
L	69.7	72.8		5	4E4	±* - calcite entire interval brecciated with
						rotated clasts in carbonate matrix - many
						fragments of 4E4 porous.
L	72.8	73.4		6	5C4*	ankeritic c.f. above unit heavily altered
						carbonated - incipiently gouged
L	73.4	75.4		7	4L0	(4C0) gouge and bxa - major fault -
						upper + lower contacts both indet.
						internal gouge varies widely (no Pb Zn)
L	75.4	75.7		8	4L1	(no Pb Zn)
L	75.7	76.4		9	5C4*	do do
L	76.4	76.7		10	4L0	*bxa - bxa has small <1cm frags
						4E 4C and 0Q0 - seems to
						have S_2 parallel lower contact
						upper probably S_2 parallel (no Pb Zn)
L	76.7	77.1		11	5C4*	ankeritic - interval ratched. - gouged
						- mud seam at base - indeterminate -
						suspected fault
L	77.1	77.7		12	4G4	[4E46] good grade +10%
L	77.7	80.7		13	5C4*	ank - strongly "fuchitic" - very heavily
						carbonated inward top - almost pure
						carbonate.
L	80.7	81.0		14	4A0	[5A19] bxa and gouge upper - 11 S_2
						lower relict parallel S_2 but ??? (<1% Pb Zn)
L	81.0	81.4		15	4E0	bxa - upper + lower indeterm -
						mud seam = fault at base - no
						recovery - no idea whats happening
L	81.4	81.7		16	4A0	(5A19) gouge upper = ind lower 11 S_2

DDH FAGA221 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: DSJ/GJ

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	817	826		17	4CE	incipiently brecciated – poor grade
L	826	845		18	3G3	gouge and broken core over interval = fault
						upper contact 11 S_2 cut by steep fault
						15/000 – lower contact drilled away.
L	845	850		19	4L41	3(3G4) tr sulfides (no Pb Zn)
L	850	852		20	4C7	(no grade)
L	852	868		21	4A0	(5A19) "vaguely inexhalative system" (<< 1%)
L	868	872		22	4L0	(3G4) barren
L	872	906		23	4L0	Gouge upper 11 S_2 lower indet.
						major fault barren
L	906	915		24	4L0	±1 barren
L	915	923		25	4L1	GOUGE upper-indeterm lower-too barren
L	923	927		26	4A0	[5A19] (<1% Pb Zn)
L	927	951		27	4H4	bxa with floaters (fragments of
						400, 4A0, 4L0 5000
L	951	955		28	5A19	
L	955	992		29	4L0	±4 ±3 ±1 several examples of possible
						altered 4A internal in this unit – atypical
						lithon structure well preserved (Tr Pb Zn)
L	992	1014		30	4A0	[5A19]
L	1014	1022		31	4L0	±1
L	1022	1027		32	4A0	[5A19]
L	1027	1050		33	4L0	±1
L	1050	1054		34	4A0	[5A19]
L	1054	1058		35	4L1	
L	1058	1062		36	0Q0	
L	1062	1065		37	4A0	[5A19]
L	1065	1067		38	4A	GOUGE upper indeterm. lower 35/000
L	1067	1070		39	4A0	±* no grade at all
L	1070	1075		40	4L1	
L	1075	1079		41	4A10	±* anketite?
L	1079	1083		42	4L0	
L	1083	1107		43	5A6	bxa and gouge upper 11 S_2 lower 11 S_2
L	1107	1149		44	5A3	
L	1149	1216		45	5A0	±* = dolo?
L	1216	1226		46	5A0	3G9 Gouge, upper-11 S_2, lower-11 S_2

moving spha <2% max

DDH FAGA221 (2–8) **Cyprus Anvil Mining Corp.** Page 5 of 10

Lithologic Log Date: 17 June Logged By: DSJ GAJ

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	1226	1266		47	5D*	ank (360±4)
L	1266	1341		48	360	±9 GOUGE and broken core over interval upper ½ entirely gouge lower half S_2 foliaform incipient gouge – lower contact 60/320 upper contact 70/180
L	1341	1390		49	3G0	core broken over interval incipiently gouged
L	1390	1395		50	5A6	GOUGE, rubble – indeterm. top & bottom
L	1395	1416		51	3G0	±3 weakly to moderately calc in 2–5 cm thick bands
L	1416	1442		52	5A0	±3 moderately calc bands 2–10 cm thick throughout interval.
L	1442	1451		53	3G0	
L	1451	1455		54	5D0*	ank – weakly calcitic
L	1455	1500		55	3G0	
L	1500	1554		56	3G0	broken and gouged Core over interval (090) lower contact indeterm. upper 15/000
L	1554	1588		57	369	[5A6] core broken throughout – minor S_2 // incipient gouge.
L	1588	1626		58	3G0	(090 * calc + ank)
L	1626	1635		59	3G9 3	GOUGE upper indet. lower // S_2 carbonate contact suspected to be 00*
L	1635	1647		60	3G9	
L	1647	1665		61	5A0	±3 [3G9] gouge, major fault, .1 m recovery
L	1665	1676		62	3F9	dark limestone horizon in 5A as seen on Swim RO.
L	1676	1688		63	5A0	
L	1688	1711		64	3G9	±3 [5A0]
L	1711	1725		65	369	[5A6]
L	1725	1731		66	3F9	[5A 333]
L	1731	1740		67	5A6	
L	1740	1753		68	3F9	[5A 333 ··]
L	1753	2049		69	5A6	minor po + py dissem as S_2 // blebs – approaching 5A9 in places – can't put finger on an unequivocal exhalite horizon 1794–1797 incipient S_2 // gouge.

C.A.M.C. 1981 – E-3

DDH FAGA221 (2–8) Cyprus Anvil Mining Corp. Page 6 of 10

Lithologic Log Date: 17 June 82 Logged By: DSJ/GNJ

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	2049	2069		70	3G0	±8 ±9 cataclastic rock forming
						footwall of Make Believe Fault which is at
						204.9 – unit unquestionably fragmented
						up to .4m below MBF
L	2069	2081		71	3G0	trans. to ICD – weak silica veining
L	2081	2106		72	3F0	silicated mbl – light grey
L	2106	2112		73	3G0	tx to ICD bio rich schists – heavily
						quartz carbonate veined – biotite
						altered → chlorite – this "Ladder veining"
						bleaching similar to chloritization
						veining in 3D calc silicates
L	2112	2114		74	3F0	as unit 72
L	2114	2122		75	3G0	trans ICD as unit 73 alt bio rich
						schist.
L	2122	2152		76	3F0	minor calc silicate interbands
L	2152	2323		77	3G0	trans→ICD albite, staurolite garnet
						bio schists – variably chloritized
						along cross cutting silica fractures similar to
						unit 73 and 75
L	2323	2334		78	3D3	(3F0) calc silicated marble.
L	2334	2367		79	3B0	(0Q0) [3C/5C0]
L	2367	2389		80	3D1	[3B3?]
L	2389	2421		81	3G0	trans → ICD bio stavr musc qvnlt. qvnt
						some mt. porphs. – good andul clots.
L	2421	2425		82	3G0	trans → ICD gouge 1/2 upper & lower
L	2425	2489		83	3E0	trans → ICD prominent mt porphs
						locally – good andul develop. very
						like ICD at mine.
L	2489	2693		84	3F0	silicated mbl. (3D) interbands –
						monotonous unit – good boudinage
L	2693	2707		85	3G4	tx → ICD4 unit light buff in color
						heavily carbonated with prominent
						rosin brn stavr porphs. – fizzes
						weakly in 20% HCl. = ankerite
L	2707	2735		86	1CD	broken & gouged over interval
						upper cont. sil 1/2 lower indeterm.

C.A.M.C. 1981 – E-3

DDH EAGA221 (2–8) Cyprus Anvil Mining Corp. Page 7 of 10

Lithologic Log Date: 17 June 82 Logged By: DSJ/GAJ

Code	From	To	Recov.	No.	Unit	Description
	10–14	16–20	22–24	26–28	30–34	35
L	2735	2872		87	ICD	monotonous non calc pelitic schists
						internal gouge zones as follows:
						275.7 – 275.9 upper & lower ll's
						280.2 – 281.8 almost all gouge. upper 010/170 lower, indeterm but 45° to CA, Immediately above 10 cm qtz carbonate bxn containing frags of ICD 4E(minor) QQQ and rebxiated qtz carb bxn frags. - suspect proximity to 10FO
						286.2 – 286.6 contacts indeterm
L	2872	2874		88	368	tx→ICD broken core and gouge.
L	2874	2881		89	368	tx→ICD broken rubbly, at top of unit see bxn frag 5-10cm thick with 4E frags in siliceous matrix with finer siliceous schist frags. uncertain origin
L	2881	2917		90	360	tx ICD From 291-1 to 291-7 rocks broken & gouged no attitudes. - minor ankeritic carb zones around 290.8 – 291.0
						291.7 = EOH
						"a bit of a mother of a hole"

C.A.M.C. 1981 – E-3

DDH FAGA221 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: 18 June Logged By: GJ/DSJ

Code	From	To	Feature	sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		1510	CS2				64 23P	
S		1533	CS2				65	
S		1772	IND	P			68	
S		1847	IND	P			50	
S		1926	IND	P			30	
S		1998	CS2				62	
S		2016	CS2				62	
S		2075	CS2				58	
S		2136	CS2				56	
S		2179	CS2				60	
S		2247	IND	P			76	
S		2354	IND	P			70	
S		2407	IND	P			56	
S		2462	IND	P			40	
S		2568	IND	P			54	
S		2670	IND	P			35	
S		2706	IND	P			45	
S		2773	IND	P			80	
S		2825	IND	P			50	
S		2848	IND	P			40	
S		2913	IND	P			80	
S		2972	IND	P			60	
S		3025	IND	P			45	
S		3083	IND	P			75	
S		3142	IND	P			70	
S		3194	IND	P			82	
S		3254	IND	P			75	
S		3311	IND	P			70	
S		3356	IND	P			65	
S		3399	IND	P			70	
S		3437	IND	P			60	
S		3479	IND	P			65	
S		3538	IND	P			75	
S		3593	IND	P			65	
S		3665	IND	P			72	
S		3745	IND	P			80	

DDH EAGA221 (2–8) Cyprus Anvil Mining Corp. Page 9 of 10

Structural Log Date: 18 Jun 82 Logged By: CJ/DSS

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	
S		277	IND	P			82	
S		283	IND	P			75	
S		286	IND	P			80	
S		290	IND	P			85	

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

DDH FAGA221 (2 8) Cyprus Anvil Mining Corp Page 10 of 10

ASSAY LOG (SAMPLER'S COPY) Date 15 June 82 Logged by GJ/DSJ 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	69 7	712	128111	15	13	4EH	bxn ± pgmts
P	712	728	128112	16	14	4EH	"
P	771	777	128113	06	08	4G4	(4E46)
P	810	826	128114	16	14	4E0	(4A0)(5A19)(4CE)
P	912	951	128115	24	23	4H4	bxq

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

DDH FAGA221 (2 meters 8) Cyprus Anvil Mining Corp. Page ____ of ____

~~Structural~~ FAULT 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	
	1538	1686	BGP					
	1697	1728	XQ?					
	1728	1734	IG					
	1734	1754	GXF					
	1764	1767	X		9999		9999	
	1767	1771	G					
	1807	1810	XG		9999			
	1810	1814	X					
	1814	1817	G				9999	
	1817	1826	GX					
	1826	1845	GBF		9999			
	1872	1906	G		9999			
	1911	1923	G					
	1927	1951	O?					
	1065	1067	G				3500	
	1083	1107	XG		9999		9999	
	1216	1226	G		9999		9999	
	1266	1300	GB		700 1800			
	1300	1341	G				6032	
	1341	1390	BG					
	1390	1395	G					
	1500	1555	BG		1500			
	1554	1558	BG					
	1626	1635	G				9999	
	1647	1665	G3F					
	1794	1797	IG			9999		
	2049	2069	35F					
	2421	2425	G					
	2705	2735	BG		9999			
	2757	2759	G		9999		9999	
	2802	2818	GXQ		10 170			
	2862	2866	G					
	2872	2874	BG					
	2874	2881	BR					
	2911	2917	BG					

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

DDH: FAGA221 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1269 592597E ; 904596N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 940.7 Z = 1268.5

SECTION NAME: 02N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 10 OCT 1984 12:46 PM

DDH: FAGA221 -- 132 DEGREE PROFILE

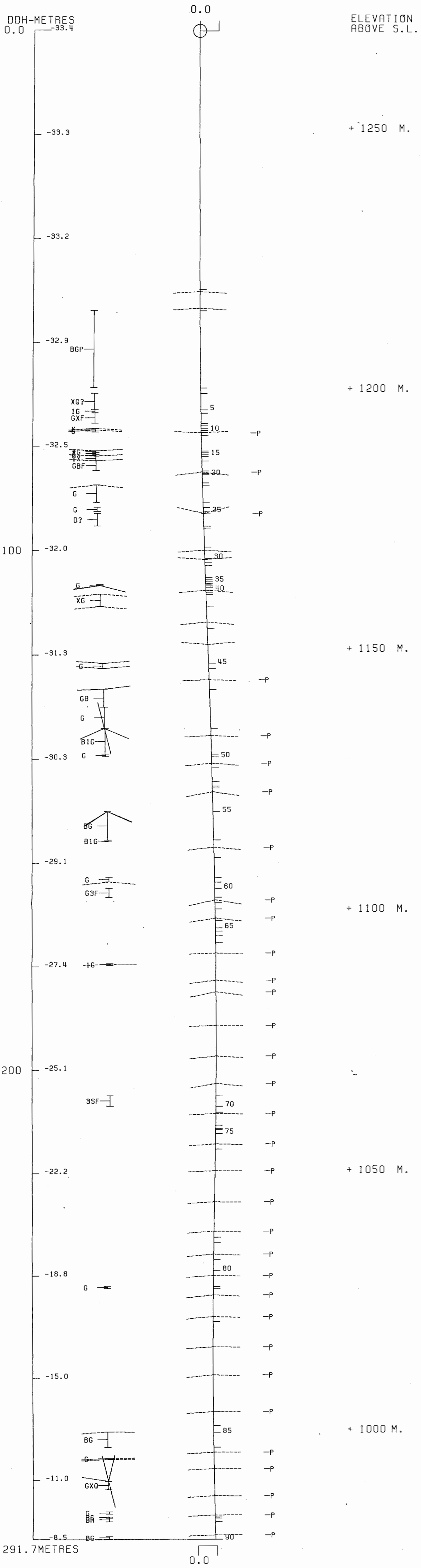
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1269 592597E ; 904596N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 940.7 Z = 1268.5

SECTION NAME: 02N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 10 OCT 1984 12:44 PM

FAGA225

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGA225	12408	58.2	59.5	1.3	85	4AC		.03	2.11	2.70	36.0					4.81		.56
	12409	59.5	60.8	1.3	100	4AC		.02	.08	.23	3.0					.31		.74
	12410	60.8	62.0	1.2	83	4AO		.02	.27	.53	5.0					.80		.66
	12411	69.0	69.6	.6	83	4LE	3.55	.01	.12	3.23	4.0	.34	2.50	12.10		3.35	14.60	.96
	12412	69.6	70.7	1.1	82	4E4	4.82	.28	12.50	20.50	184.0	2.13	.85	21.80		33.00	22.65	.62
	12413	70.7	72.0	1.3	69	4G4	4.89	.22	7.11	10.90	148.0	1.37	1.66	23.30		18.01	24.96	.61
	12414	72.0	73.3	1.3	85	4G4	4.81	.18	6.03	9.00	114.0	1.65	.69	19.50		15.03	20.19	.60
	12415	73.3	74.0	.7	86	4E4	4.92	.17	4.67	9.10	73.0	2.19	21.70	1.93		13.77	23.63	.66
	12416	74.5	75.0	.5	100	4CO		.09	1.05	1.62	16.0					2.67		.61
	12417	93.3	94.5	1.2	92	4AC		.03	.34	.62	7.0					.96		.65
	12419	96.1	96.7	.6	100	4AO		.04	.02	.06	4.0					.08		.75
	1242C	103.6	104.2	.6	100	4A1		.06	.04	.07	4.0					.11		.64
	12421	104.6	105.1	.5	100	4A1		.06	.13	.56	6.0					.69		.81
	12422	105.1	106.6	1.5	93	4L1		.03	.03	.07	4.0					.10		.70
	12423	107.5	108.1	.6	100	4LC		.09	.19	.67	7.0					.86		.78
	12424	133.5	133.8	.3	100	4H14		.06	3.28	11.10	56.0					14.38		.77
	12425	141.3	142.7	1.4	100	4D7		.20	2.88	5.00	38.0					7.88		.63
	12498	142.7	144.1	1.4	100	4C7	4.16					.34	12.30	8.00			20.30	
	12499	144.1	145.4	1.3	100	4C7		.22	.42	.32	10.0					.74		.43
	1250C	146.0	147.7	1.7	100	4D7	4.17	.23	2.80	2.54	38.0	.27	13.80	11.20		5.34	25.00	.48
	12621	147.7	148.5	.8	100	4C7	3.78	.17	1.74	1.89	25.0	.14	11.70	9.13		3.63	20.83	.52
	12622	148.5	149.1	.6	83	4D4*	3.89	.37	2.31	2.52	31.0	.14	11.10	9.84		4.83	20.94	.52
	12623	149.1	150.1	1.0	90	4E47	4.43	.28	5.25	6.20	62.0	.21	15.50	14.30		11.45	29.80	.54
	12624	150.1	151.1	1.0	100	4C*	3.44	.19	1.32	.95	18.0	.07	7.95	5.75		2.27	13.70	.42
	12625	151.1	152.8	1.7	88	4L35		.12	.58	.62	9.0					1.20		.52
	12407	155.0	156.4	1.4	100	4E41		.17	6.23	8.26	67.0					14.49		.57
	12627	156.7	157.1	.4	100	4E4@		.14	2.10	2.97	28.0					5.07		.59

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGA225	12408	4A0	.09	2.44	4.03				93.45	*							
	12409	4A0	.06	.09	.34				99.51	*							
	1241C	4A0	.06	.31	.79				98.84	*							
	12411	4LE	.03	.14	4.82	3.93	26.02		65.06	*	.02	.06	3.89	2.76	16.82		76.45
	12412	4E4	.81	14.44	30.56	1.34	46.88		5.98	*	.89	8.91	35.38	1.35	43.41		10.06
	12413	4G4	.64	8.21	16.25	2.61	50.11		22.19	*	.63	4.57	16.95	2.37	41.82		33.66
	12414	4G4	.52	6.96	13.42	1.09	41.93		36.08	*	.47	3.55	12.83	.90	32.07		50.17
	12415	4E4	.49	5.39	13.57	34.13	4.15		42.27	*	.42	2.58	12.18	26.64	2.98		55.20
	12416	4C0	.26	1.21	2.42				96.11	*							
	12417	4A0	.09	.39	.92				98.60	*							
	12419	4A0	.12	.02	.09				99.77	*							
	12420	4A1	.17	.05	.10				99.68	*							
	12421	4A1	.17	.15	.83				98.84	*							
	12422	4L1	.09	.03	.10				99.77	*							
	12423	4LC	.26	.22	1.00				98.52	*							
	12424	4H14	.17	3.79	16.55				79.49	*							
	12425	4D7	.58	3.33	7.45				88.64	*							
	12498	4C7				19.34	17.20		63.45	*				13.69	11.20		75.11
	12499	4C7	.64	.49	.48				98.40	*							
	1250C	4D7	.66	3.23	3.79	21.70	24.09		46.53	*	.57	1.54	3.38	16.86	17.21		60.45
	12621	4C7	.49	2.01	2.82	18.40	19.63		56.65	*	.39	.90	2.38	13.51	13.26		69.56
	12622	4D4*	1.07	2.67	3.76	17.46	21.16		53.89	*	.87	1.22	3.22	13.01	14.51		67.17
	12623	4E47	.81	6.06	9.24	24.38	30.75		28.76	*	.76	3.21	9.16	21.01	24.39		41.46
	12624	4C*	.55	1.52	1.42	12.50	12.37		71.64	*	.41	.64	1.11	8.51	7.75		81.59
	12625	4L35	.35	.67	.92				98.06	*							
	12407	4E41	.49	7.20	12.31				80.00	*							
	12627	4E4@	.40	2.43	4.43				92.74	*							

DRILL HOLE : FAGA225
NORTHING : 904,637.2
EASTING : 592,553.5
ELEVATION : 1,270.3
TOTAL DEPTH : 217.9
SECTION : W 60
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:	4
NOS DOWN-H-LITHOLOGY:	68
NOS DOWN-H-STRUCTURE:	39
NOS DOWN-H-FAULTS:	27
NOS DOWN-H-SPLINES:	4
NOS COMPOSITES:	0

DDH: FAGA225 UTM-N: 904,637.2 UTM-E: 592,553.5 UTM-ELEV: 1,270.3 TOTAL DEPTH: 217.9 SECTION: W 60
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.
58.2	59.5	12408	1.3	1.1	4A0		.03	2.11	2.70	36.00											
59.5	60.8	12409	1.3	1.3	4A0		.02	.08	.23	3.00											
60.8	62.0	12410	1.2	1.0	4A0		.02	.27	.53	5.00											
69.0	69.6	12411	.6	.5	4LE	3.55	.01	.12	3.23	4.00		.34	2	12	14						
69.6	70.7	12412	1.1	.9	4E4	4.82	.28	12.50	20.50	184.00		2.13		21	22						
70.7	72.0	12413	1.3	.9	4G4	4.89	.22	7.11	10.90	148.00		1.37	1	23	24						
72.0	73.3	12414	1.3	1.1	4G4	4.81	.18	6.03	9.00	114.00		1.65		19	20						
73.3	74.0	12415	.7	.6	4E4	4.92	.17	4.67	9.10	73.00		2.19	21	1	23						
74.5	75.0	12416	.5	.5	4C0		.09	1.05	1.62	16.00											
93.3	94.5	12417	1.2	1.1	4A0		.03	.34	.62	7.00											
96.1	96.7	12419	.6	.6	4A0		.04	.02	.06	4.00											
103.6	104.2	12420	.6	.6	4A1		.06	.04	.07	4.00											
104.6	105.1	12421	.5	.5	4A1		.06	.13	.56	6.00											
105.1	106.6	12422	1.5	1.4	4L1		.03	.03	.07	4.00											
107.5	108.1	12423	.6	.6	4LC		.09	.19	.67	7.00											
133.5	133.8	12424	.3	.3	4H14		.06	3.28	11.10	56.00											
141.3	142.7	12425	1.4	1.4	4D7		.20	2.88	5.00	38.00											
142.7	144.1	12498	1.4	1.4	4C7	4.16						.34	12	8	20						
144.1	145.4	12499	1.3	1.3	4C7		.22	.42	.32	10.00											
146.0	147.7	12500	1.7	1.7	4D7	4.17	.23	2.80	2.54	38.00		.27	13	11	25						
147.7	148.5	12621	.8	.8	4C7	3.78	.17	1.74	1.89	25.00		.14	11	9	20						
148.5	149.1	12622	.6	.5	4D4*	3.89	.37	2.31	2.52	31.00		.14	11	9	20						
149.1	150.1	12623	1.0	.9	4E47	4.43	.28	5.25	6.20	62.00		.21	15	14	29						
150.1	151.1	12624	1.0	1.0	4C*	3.44	.19	1.32	.95	18.00		.07	7	5	13						
151.1	152.8	12625	1.7	1.5	4L35		.12	.58	.62	9.00											
155.0	156.4	12407	1.4	1.4	4E41		.17	6.23	8.26	67.00											
156.7	157.1	12627	.4	.4	4E4@		.14	2.10	2.97	28.00											
WEIGHTED AVERAGE																					
58.2	62.0		3.8	3.4			.02	.83	1.16	14.92											
69.0	74.0		5.0	4.0		4.69	.19	6.83	11.34	119.30		1.60	4	17	21						
74.5	75.0		.5	.5			.09	1.05	1.62	16.00											
93.3	94.5		1.2	1.1			.03	.34	.62	7.00											
96.1	96.7		.6	.6			.04	.02	.06	4.00											
103.6	104.2		.6	.6			.06	.04	.07	4.00											
104.6	106.6		2.0	1.9			.03	.05	.19	4.50											
107.5	108.1		.6	.6			.09	.19	.67	7.00											
133.5	133.8		.3	.3			.06	3.28	11.10	56.00											

DDH: FAGA225 UTM-N: 904,637.2 UTM-E: 592,553.5 UTM-ELEV: 1,270.3 TOTAL DEPTH: 217.9 SECTION: W 60
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.
141.3	145.4		4.1	4.1		1.42	.13	1.11	1.80	16.14		.11	4	2	6						
146.0	152.8		6.8	6.4		2.98	.20	2.21	2.28	29.19		.13	9	7	16						
155.0	156.4		1.4	1.4			.17	6.23	8.26	67.00											
156.7	157.1		.4	.4			.14	2.10	2.97	28.00											

DDH: FAGA225 UTM-N: 904,637.2 UTM-E: 592,553.5 UTM-ELEV: 1,270.3 TOTAL DEPTH: 217.9 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
90.800	175.500	88.000
151.800	173.000	93.000
212.700	171.000	57.000

DDH: FAGA225 UTM-N: 904,637.2 UTM-E: 592,553.5 UTM-ELEV: 1,270.3 TOTAL DEPTH: 217.9 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
55.2	0001	*		0.5-	1
58.2	0002	5A19	->4A	0.5-	1
62.0	0003	4AC	(4H0)(10Q0)	0.5-	1
62.9	0004	10QC		0.5-	1
66.2	0005	4A1	PHYLLITIC	0.5-	1
68.0	0006	4AE	?	0.5-	1
69.6	0007	5C4*	MOTT. (5D4*)(4E*)	0.5-	1
70.7	0008	4E4		0.5-	1
73.3	0009	4G4	& POROUS	0.5-	1
74.0	0010	4EC	(4G4)(4A3)(5C4*)	0.5-	1
74.5	0011	5A19	(5A0)(10Q0)(4C)	0.5-	1
75.0	0012	4C0	SER. (4A) 95:05	0.5-	1
76.4	0013	5A1	&C?	0.5-	1
86.9	0014	5B3?	[3B3]	0.5-	1
88.6	0015	5B6	(5B3[3B3])	0.5-	1
92.2	0016	5B62	&C	0.5-	1
93.3	0017	5B621		0.5-	1
95.7	0018	4AC	(4A4)[5A19]	0.5-	1
96.1	0019	10C*		0.5-	1
96.7	0020	4AC		0.5-	1
101.6	0021	4LC	-> 5B64	0.5-	1
103.6	0022	4L1	&3 &5 MINOR	0.5-	1
104.2	0023	4A1		0.5-	1
104.6	0024	4L1		0.5-	1
105.1	0025	4A1	&4	0.5-	1
106.6	0026	4L1	(4A1)[4L ON 4A?]	0.5-	1
107.5	0027	5A19	[4A0]	0.5-	1
108.1	0028	4LC	(4C37)(4A0)	0.5-	1
109.8	0029	5B62		0.5-	1
115.0	0030	5B621	&3	0.5-	1
118.6	0031	5B32		0.5-	1
124.7	0032	5B3	&2	0.5-	1
128.0	0033	5B6	&C?	0.5-	1
129.7	0034	5B64	(4L1)	0.5-	1
130.6	0035	5B6		0.5-	1
132.8	0036	5B6	(5B64)(10Q0)	0.5-	1
133.5	0037	4L14	(4L0)	0.5-	1
133.8	0038	4H4		0.5-	1
135.2	0039	4LC		0.5-	1
139.2	0040	5B64	[4L0]	0.5-	1
141.3	0041	4LC	(10Q0)	0.5-	1
142.7	0042	4D73	(4H0)(4L1) 50:10:40	0.5-	1
145.4	0043	4C73	(4L1)[4C7 SER.]	0.5-	1
146.0	0044	4LC	&3	0.5-	1
147.7	0045	4D73		0.5-	1
148.5	0046	4C73	(4L0)	0.5-	1
149.1	0047	4D43*	BX	0.5-	1
150.1	0048	4E47	&* (4H0)(10Q0)	0.5-	1
151.1	0049	4C3*	SER.	0.5-	1
152.8	0050	4L35	&4	0.5-	1
155.0	0051	10QC	(4L31 &4) 70:30	0.5-	1

DDH: FAGA225 UTM-N: 904,637.2 UTM-E: 592,553.5 UTM-ELEV: 1,270.3 TOTAL DEPTH: 217.9 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
156.4	0052	4E41	&8	0.5-	1
156.7	0053	4L1		0.5-	1
157.1	0054	4E48		0.5-	1
160.9	0055	586	(5A3)	0.5-	1
161.9	0056	5A3		0.5-	1
180.2	0057	5A6	&1	0.5-	1
185.7	0058	5A9		0.5-	1
189.0	0059	3G8	&9 CHL. AFTER BIO.	0.5-	1
191.6	0060	3G8		0.5-	1
197.2	0061	3G8	-> 1D8 BIO. ANDUL.	0.5-	1
200.1	0062	3G4	-> 1C4	0.5-	1
202.9	0063	1C0	(3D08)(10Q0)	0.5-	1
206.8	0064	3FC	(3D08)	0.5-	1
208.8	0065	3DC8	(3FO) [3C3?]	0.5-	1
211.5	0066	3FC	(3D08) MINOR	0.5-	1
217.1	0067	1CD	STAUR. ANDUL. GARNET	0.5-	1
217.9	0068	3DC8	(10Q0)(1CD)	0.5-	1

DDH: FAGA225 UTM-N: 904,637.2 UTM-E: 592,553.5 UTM-ELEV: 1,270.3 TOTAL DEPTH: 217.9 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PRCCESS
FAGA225	0.0	55.4	CS2	3	0	0	0	0	70	230	0	1	1	1
FAGA225	0.0	58.2	CS2	M	0	0	0	0	75	230	0	1	1	1
FAGA225	0.0	60.5	CS2	M	0	0	0	0	70	230	0	1	1	1
FAGA225	0.0	61.6	CS2	M	0	0	0	0	70	230	0	1	1	1
FAGA225	0.0	66.0	CS2	S	0	0	0	0	60	230	0	1	1	1
FAGA225	0.0	70.8	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGA225	0.0	72.6	PS2	P	0	0	0	0	35	230	0	1	1	1
FAGA225	0.0	77.5	CS2	S	0	0	0	0	50	230	0	1	1	1
FAGA225	0.0	80.0	CS2		0	0	0	0	65	230	0	1	1	1
FAGA225	79.2	81.0	CS2	E	0	0	0	0	0	0	0	1	1	1
FAGA225	0.0	85.0	CS2		0	0	0	0	65	230	0	1	1	1
FAGA225	81.0	91.0	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA225	0.0	92.0	CS2		0	0	0	0	65	230	0	1	1	1
FAGA225	91.0	93.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA225	0.0	94.5	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGA225	0.0	96.3	CS2	M	0	0	0	0	75	230	0	1	1	1
FAGA225	0.0	100.0	CS2		0	0	0	0	65	230	0	1	1	1
FAGA225	97.0	103.6	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA225	0.0	110.0	CS2		0	0	0	0	70	230	0	1	1	1
FAGA225	108.2	119.5	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA225	0.0	120.0	CS2	M	0	0	0	0	70	230	0	1	1	1
FAGA225	0.0	125.0	CS2		0	0	0	0	65	230	0	1	1	1
FAGA225	121.3	128.0	CS2	E	0	0	0	0	0	0	0	1	1	1
FAGA225	0.0	130.5	CS2	S	0	0	0	0	65	230	0	1	1	1
FAGA225	0.0	132.9	CS2	M	0	0	0	0	65	230	0	1	1	1
FAGA225	0.0	135.0	CS2		0	0	0	0	60	230	0	1	1	1
FAGA225	133.4	136.9	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA225	0.0	143.0	CS2		0	0	0	0	70	230	0	1	1	1
FAGA225	142.0	144.0	CS2	E	0	0	0	0	0	0	0	1	1	1
FAGA225	0.0	150.4	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGA225	0.0	166.5	CS2	S	0	0	0	0	65	230	0	1	1	1
FAGA225	0.0	168.8	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGA225	0.0	175.4	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGA225	0.0	178.9	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA225	0.0	192.3	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGA225	0.0	195.0	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA225	0.0	201.9	PS2	P	0	0	0	0	65	230	0	1	1	1
FAGA225	0.0	205.6	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGA225	0.0	215.8	PS2	P	0	0	0	0	65	230	0	1	1	1

DDH: FAGA225 UTM-N: 904,637.2 UTM-E: 592,553.5 UTM-ELEV: 1,270.3 TOTAL DEPTH: 217.9 SECTION: W 60
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
FAGA225	0.0	57.4	S		0	0	0	0	0	0	1
FAGA225	0.0	63.2	B		0	0	0	0	0	0	1
FAGA225	66.2	68.0	M		0	0	0	0	0	0	1
FAGA225	0.0	69.6	S		0	0	0	0	0	0	1
FAGA225	71.0	71.5	XF		10	90	0	0	0	0	1
FAGA225	74.0	75.0	S		0	0	0	0	0	0	1
FAGA225	0.0	89.2	1S		0	0	0	0	0	0	1
FAGA225	0.0	92.8	1S		0	0	0	0	0	0	1
FAGA225	0.0	106.6	1S		0	0	0	0	0	0	1
FAGA225	107.5	108.1	S		0	0	0	0	0	0	1
FAGA225	0.0	112.7	S		0	0	0	0	0	0	1
FAGA225	118.6	124.7	3B		0	0	0	0	0	0	1
FAGA225	129.7	130.6	S		0	0	99	999	0	0	1
FAGA225	0.0	132.8	1G		0	0	0	0	0	0	1
FAGA225	139.7	140.1	XG		0	0	0	0	0	0	1
FAGA225	0.0	141.3	S		0	0	0	0	0	0	1
FAGA225	145.4	146.0	1S		0	0	99	999	0	0	1
FAGA225	148.5	149.1	X?		0	0	0	0	0	0	1
FAGA225	151.1	152.8	GB		0	0	99	999	0	0	1
FAGA225	156.7	157.1	XD?		0	0	0	0	0	0	1
FAGA225	160.9	161.9	SG		0	0	0	0	0	0	1
FAGA225	0.0	162.9	S		0	0	0	0	0	0	1
FAGA225	0.0	168.9	S		15	350	0	0	0	0	1
FAGA225	0.0	170.5	S		0	0	0	0	0	0	1
FAGA225	0.0	175.4	S		25	0	0	0	0	0	1
FAGA225	180.2	185.7	SF		0	0	0	0	0	0	1
FAGA225	0.0	198.7	G		0	0	0	0	0	0	1

DDH: FAGA225 UTM-N: 904,637.2 UTM-E: 592,553.5 UTM-ELEV: 1,270.3 TOTAL DEPTH: 217.9 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA225	1	2
FAGA225	2	2
FAGA225	3	2
FAGA225	4	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 13:23:56

CYPRUS ANVIL MINING CORPORATION

Page 1 of 10

DIAMOND DRILL CORE LOG

Date: June 15/82

Hole Number: FAGA 225 (82A225)

Project: 1982 GRUM DRILL PROGRAM

Location: VANGORDA PLATEAU

Claim: Grum #4

NTS ~~Torr. Plane~~ Co-ords.: 6904637.222 N

AMC Mine Survey

592553.543 E

Grid Co-ords: 60 W

1 N

Elevation: 1270.292 m.

Total Depth: 217.9 m (715 feet)

Purpose: To test Hor. 2. ORE presence in F_2 Anticlinal Synform.

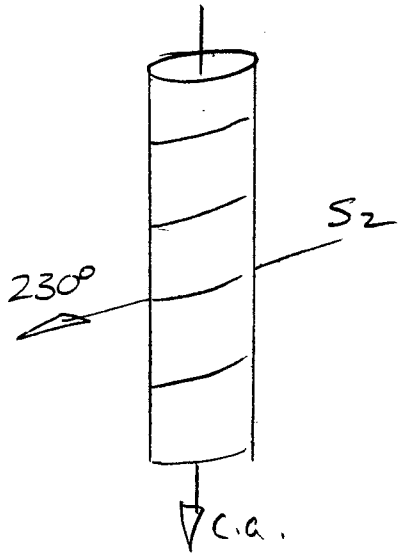
Reason hole Terminated: Below 3D3/1F unit into 3G/1C seen in all 1982 holes to date

Logged by: RST

Date(s) Logged: June 13-15/82

Drilling Contractor: Arctic Diamond Drilling Ltd.

Reference Fabric Orientation Diagram:



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

CORE Size	From	To
NQ	55.2	217.9
		44

Collar Cased and Capped: No

Hole Cemented: No

Steel down hole: No

Started: June 5/82 Completed: June 8/82

Cyprus Anvil Mining Corp.

DDH FAGA225 (2–8)

Diamond Drill Core Log Date: June 15/82 Logged By: PST

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
	2 8	10 16	17 24	25 32	34 39	41 42	
T	FAGA225	1270.3	9046371.2	592553.5	metres	S2	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	FAGA225	00	180.0	9.0	AT COLLAR
R	FAGA225	908	175.5	088.0	SPERRY SUN SINGLE SHOT
R	FAGA225	1518	173.0	093.0	
R	FAGA225	2127	171.0	057.0	

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

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

DDH EAGA225 (2 / 8) Cyprus Anvil Mining Corp. Page 3 of 10

Lithologic Log Date: 13 June/82 Logged By: R.S. Tolbert

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	00	552		1	*	Overburden & casing.
L	552	582		2	4A1	(5A19) No grade. Shear @ 57.4 (0.4m)
L	582	620		3	4A0	(4H0, 0Q0) 4H0 bands @ 58.4 (0.2m), 61.0m (0.1m)
						Qtz veins @ 61.0 (0.3m).
L	620	629		4	0Q0	45° to c.a
L	629	662		5	4A1	phyllitic no grade. Broken core @ 63.2 (0.1m) and end (driller goo probably latter)
L	662	680		6	4AE	? Mislatch
L	680	696		7	5C A *	Mott (5D4*4E*) 5D4* @ 688-69.2 4E* @ 69.2 (0.1m) sheared lower contact.
L	696	707		8	4E4	
L	707	733		9	4G4	Porous bands over 0.3m @ start. box & fractured // to ca to 71.0 - 71.5
L	733	740		10	4E0	(4G4, 4A3, 5C4) 0.05m fuchsitic 5C @ upper contact. 4E0 to 74.0 // 4A3 to 74.1 // 4G4 to end of unit. Qtz vein 0.05m // S2 lower contact.
L	740	745		11	5A19	(5A3, 0Q0, 4C) All in sheared zone
						4A over 0.5m @ start. 4C @ 74.4m (0.1m)
						Qtz as veining <1cm in shear
L	745	750		12	4C0	sericitic (5A) in shear zone. 95% 4C.
L	750	764		13	5A1	±3 sheared strongly calcareous in veins.
L	764	869		14	5B3	strongly calcareous Minor qtz veins // S2
						10% of unit.
L	869	888		15	5B6	(5B3) Minor 5B3 strongly calc bands 20% of unit
L	888	922		16	5B62	±3 @ 89.2 (0.1m) minor shear
L	922	933		17	5B62	1 Shear 92.8 (0.1m) carb veins
L	933	957		18	4A0	(4A4) [5A19] 0.1m 4A4 @ start of unit
L	957	961		19	0Q*	
L	961	967		20	4A0	
L	967	1016		21	4L0	± (5B64) Minor bands less altered
L	1016	1036		22	4L1	±3 weakly calcareous
L	1036	1042		23	4A13	20% py
L	1042	1046		24	4L1	
L	1046	1051		25	4A1	±4
L	1051	1066		26	4L1	(4A1) 4A1 @ 105.5 - 105.7. The 4L1 appears as though 4A was protolith.

DDH FAGA225 (2–8) Cyprus Anvil Mining Corp. Page 4 of 10

Lithologic Log Date: June 4/82 Logged By: RST

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	1096	1075		27	4A0	[5A19] No grade sheared upper & lower contact
L	1075	1081			4L0	(4≤37, 4A0) All in shear zone
						AC over last 0.2 m.
L	1081	1098		28	5B62	Banded Carbonaceous minor calcite
L	1098	1150		29	5B62	1 ±3 weakly to strongly calcareous, sheared
						at 112.7 (0.2m)
L	1150	1186		30	5B32	strongly calc. 116.6 drill argoo? (0.1m)
L	1186	1247		31	5B3	±2 carbonate partings interspaced Thru previous
						unit. Broken core 90% 121.2 to end of unit
L						fractured // to ca with qtz carb veining
						also // to c.a.
L	1247	1280		32	5B6	±3 weakly cal SC bands @ 125.3 over 0.3m
						avg <1cm.
L	1280	1297		33	5B64	(4L1) first ½m 4L1
L	1297	1306		34	5B6	shear zone sub // Sz
L	1306	1328		35	5B6	(5B64, 0Q0) 0Q0 1321 (0.1m) 0.1m gouge
						at end of unit.
L	1328	1335		36	4L14	(4L0) minor sphalerite <2.00%2n
L	1335	1338		37	4H0	
L	1338	1352		38	4L0	
L	1352	1392		39	5B64	[4L0]
L	1392	1413		40	4L0	(0Q0) Qtz veining over last metre upper
						parted unit sheared, Bx & gouge 139.7–140.1
						; sheared 4L0 @ lower contact.
L	1413	1427		41	AC7	(4H0, 4L1) 40% of unit 4L1, 4H 142.3–0.1)
						142.6 (0.1)
L	1427	1454		42	4C7	with narrow 4L1 partings upper metre
						appears as thick fold hinge
L	1454	1460		43	4L0	±3 weakly sheared // ca.
L	1460	1477		44	4D7	fractured // c.a. bx over last 0.2m. CO_3
						weakly developed in fractures.
L	1477	1485		45	4C7	(4L0) fractures sub // c.a. 4L0 over last 0.2m.
						with quartz vein at contact.
L	1485	1491		46	4D4*	Bx ankerite as bx. filling 10% of unit
L	1491	1501		47	4E47	±* (4H0, 0Q0) fracturing 30° to c.a 4H0 over
						last 0.1m with minor qtz veining. CO_3 in fractures
						& bx.

DDH FAGA225 (2 / 8) Cyprus Anvil Mining Corp. Page 5 of 10

Lithologic Log Date: June 14/82 Logged By: RST

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1508	1511		48	ACX	ser. (OQO, 4LO) Qtz veining brtd over 1st 0.2m
						sheared with 4LO in middle 0.1m. sheared
						lower contact
L	1511	1528		A9	4L35	±4 sheared gouged & broken core sub// c.a.
L	1528	1550		50	OQO	(4L31±4) 70% qtz veins in middle of unit
						4L over 1st 0.3m & last 0.5m.
L	1550	15,64		51	4E41	±x minor ank SiO_2 as clots <1cm fracturing
						sub// to & 30° to c.a. lower contact at high
						so angle
L	1564	1567		52	4L1	
L	1567	1571		53	4E4	x bx sulphide bx minor ank.
L	1571	1609		54	5B6	(5A3) shear zone & gouge gmlc mixed
L	1609	1619		55	5A3	strong calc as in 5A3 above
L	1619	1802		56	5A62	±1 shear 162.9 <0.1m, shear with CO_3 veins
						// S_2 168.9, 170.5 (0.1m) veins & narrow
						shears with strong slicks developing towards
						foot wall of unit veins at 30° to c.a. possible
						tensional stress
L	1802	1857		57	5A39	2 Shear zone 40% shears strong slicks
						CO_3 essentially in veinlets as is pyrite
						Make Believe fault.
L	1857	1890		58	3G8	±9 (OQO) CO_3 in veinlets shears 30%
						30° to c.a. chloritic pmb. retrograded biotite.
L	1890	1916		59	3G8	chloritic " " "
						Qtz veining developed in last two units 58,
						59 seen in other holes close to
						MBF.
L	1916	1972		60	3G8	⇒ 1D with biotite and andalusite
						developed. CO_3 in veins. Minor
						qtz veining with chloritic rims.
L	1972	2001		61	3G4	⇒ 1C4 light colored muscovite rich
						CO_3 rich gouge 198.7 (0.3m)
L	2001	2029		62	1C0	(3D8, OQO) 3D8 over 0.3m at start
						OQO over 202.4 - 202.9
L	2029	2068		63	3F0	(3D8) strongly calcareous 3D8 over 1st 03m
						and minor parts throughout.

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

DDH FAGA225 (2–8) Cyprus Anvil Mining Corp. Page 6 of 10

Lithologic Log Date: June 14/82 Logged By: RST

Code	From	To	Recov.	No.	Unit	Description
	10–14	16–20	22–24	26–28	30–34	35
L	2068	2088		64	3D8	(3FO) essentially calcsil. 207.9-208.5 is probably metasomatic metabasite — a green massive rock.
L	2088	2115		65	3F9	strongly calc minor 3D8 bands.
L	2115	2171		66	1CD	dark unit development of staurolite, andalusite minor garnet.
	2171	2179		67	3D8	(OQO 1CD) retiring at 217.3 (0.2m) and 0.1m @ end.
						End of Hole.

C. A. M. C. 1981 – E-3

DDH FAGA225 (2 / 8) Cyprus Anvil Mining Corp. Page 7 of 10

Structural Log Date: June 14/82 Logged By: DST

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		1,554	CS2	3			70 230	
S		1,582	CS2	M			75	
S		1,605	CS2	M			70	
S		1,616	CS2	M			70	
S		1,660	CS2	S			60	
S		1,708	IND	R	10	90	60	S_0 = Fracture will bx developed.
S		1,726	IND	R			35	
F		1,745						Shear 45° to c.a.
S		1,775	CS2	S			50	
S	1,792	1,810	CS2	E			65	
S	1,810	1,911	CS2	S			65	
S	1,910	1,930	CS2	E			65	
S		1,945	IND	P	35	330	60	S_0 = S_n post D_2
S		1,963	CS2	M			75	
S	1,970	2,036	CS2	M			65	
F		2,067						Shear 45° ca.
S	2,082	2,195	CS2	S			70	
S		2,200	CS2	M			70	
S	2,211	2,280	CS2	E	10	180	65	S_0 = fracture
S		2,305	CS2	S			65	
S		2,329	CS2	M			65	
S	2,334	2,369	CS2	E			60	
S	2,420	2,440	CS2	E			70	S_1 compositional band in ore in fold hinge →
S		2,510	IND	R			60	
F		2,567						Bx 45° to c.a.
F	2,567	2,609						Shear zone. weak gouge development lower contact 65° c.a.
S		2,621	CS2	S			60	
S		2,665	CS2	S			65	
S		2,688	IND	P	15	350	50	S_0 = Frac.
S		2,754	IND	P	25	000	60	S_0 = shear.
S		2,789	IND	P			70	slicks @ 330° to c.a.
F	2,813	2,856						SA sheared upper cnt 45° to c.a. lateral movement apparent from slicks.

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

DDH FAGA225 (2 / 8) Cyprus Anvil Mining Corp. Page 8 of 10

Structural Log Date: June 15/82 Logged By: RST

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	
$		1864						shear in 348 30° to ca.
S		1923	IND	P			610 230	
S		1950	IND	P			70	
S		2019	IND	P	A5 180		65	So = Tension veins related to shear ? MBF
S		2056	IND	P			50	
S		2158	IND	P			65	

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

DDH FAGA225 (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		574	S					
F		632	B					
F	662	680	M					
F		696	S					
F	710	715	X F		10 090			
F	740	750	S					45° to CA
F		892	1 S					
F		928	1 S					
F		1066	1 S					
F	1075	1081	S					45° to CA
F		1127	S					
F	1186	1247	3 B					
F	1297	1306	S			99 999		
F		1328	1 G					
F	1397	1401	X G					
F		1413	S					
F	1454	1460	1 S			99 998		
F	1485	1491	X ?					
F	1511	1528	G B			99 999		
F	1567	1571	X D ?					45° to CA at U.C.
F	1609	1619	S G					
F		1629	S					
F		1689	S		15 350			
F		1705	S					
F	1802	1857	S F					U.C. = 45° to CA Slicks rake shallow
F		1987	G					
C		1754	S		25 000			

change interval to 1571 - 1609 Nov/84 RP

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

DDH FAGA225 (2 / 8) Cyprus Anvil Mining Corp

Page 9 of 10

Logged by ~~RST~~

ASSAY LOG (SAMPLER'S COPY) Date June 14/82 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	58.2	59.5	12408	13	11	4A0	(4H0, 0Q0)
P	59.5	60.8	12409	13	13	4A0	(4H0, 0Q0)
P	60.8	62.0	12410	12	10	4A0	(4H0, 0Q0)
P	69.0	69.6	12411	06	05	5CA*	mott AE*
P	69.6	70.7	12412	11	09	4E4	
P	70.7	72.0	12413	13	09	4GA	
P	72.0	73.3	12414	13	11	4GA	
P	73.3	74.0	12415	07	06	4E0	(4G4, 4A3, 5C3)
P	74.5	75.0	12416	05	05	4C0	sev. (5A)
P	93.3	94.5	12417	12	11	4A0	(5A19) Narrow band 4A4 at top.
	~~94.5~~	~~95.7~~	~~12418~~	~~12~~		~~4A0~~	~~(5A19)~~ Do not split
P	96.1	96.7	12419	06	06	4A0	
P	103.6	104.2	12420	06	06	4A13	
P	104.6	105.1	12421	05	05	AA1	±4
P	105.1	106.6	12422	15	14	AL1	(4A1)
P	107.5	108.1	12423	06	06	4L0	(4C37, 4A0)
P	133.5	133.8	12424	03	03	4H0	
P	141.3	142.7	12425	14	14	4C7	(4H0, 4L1)
P	142.7	144.1	12498	14	14	4C7	
P	144.1	145.4	12499	13	12	4C7	
P	146.0	147.7	12500	17	17	4D7	
P	147.7	148.5	12621	08	08	4C7	(4L0)
P	148.5	149.1	12622	06	05	4DA*	Bx
P	149.1	150.1	12623	10	09	4EA7	±* (4H0, 0Q0)
P	150.1	151.1	12624	10	10	4C*	sev. (0Q0, 4L0)
P	151.1	152.8	12625	17	15	4L35	±4
P	155.0	156.4	12407	14	14	4EA1	±* duplicate tag #12626 should have been destroyed by now.

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

DDH EAGA225 Cyprus Anvil Mining Corp

Page 10 of 10

Logged by

ASSAY LOG (SAMPLER'S COPY) Date June 4/82 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
P	1567	1571	12627	04	04	4E4	* Bx.

DDH: FAGA225 -- 132 DEGREE PROFILE

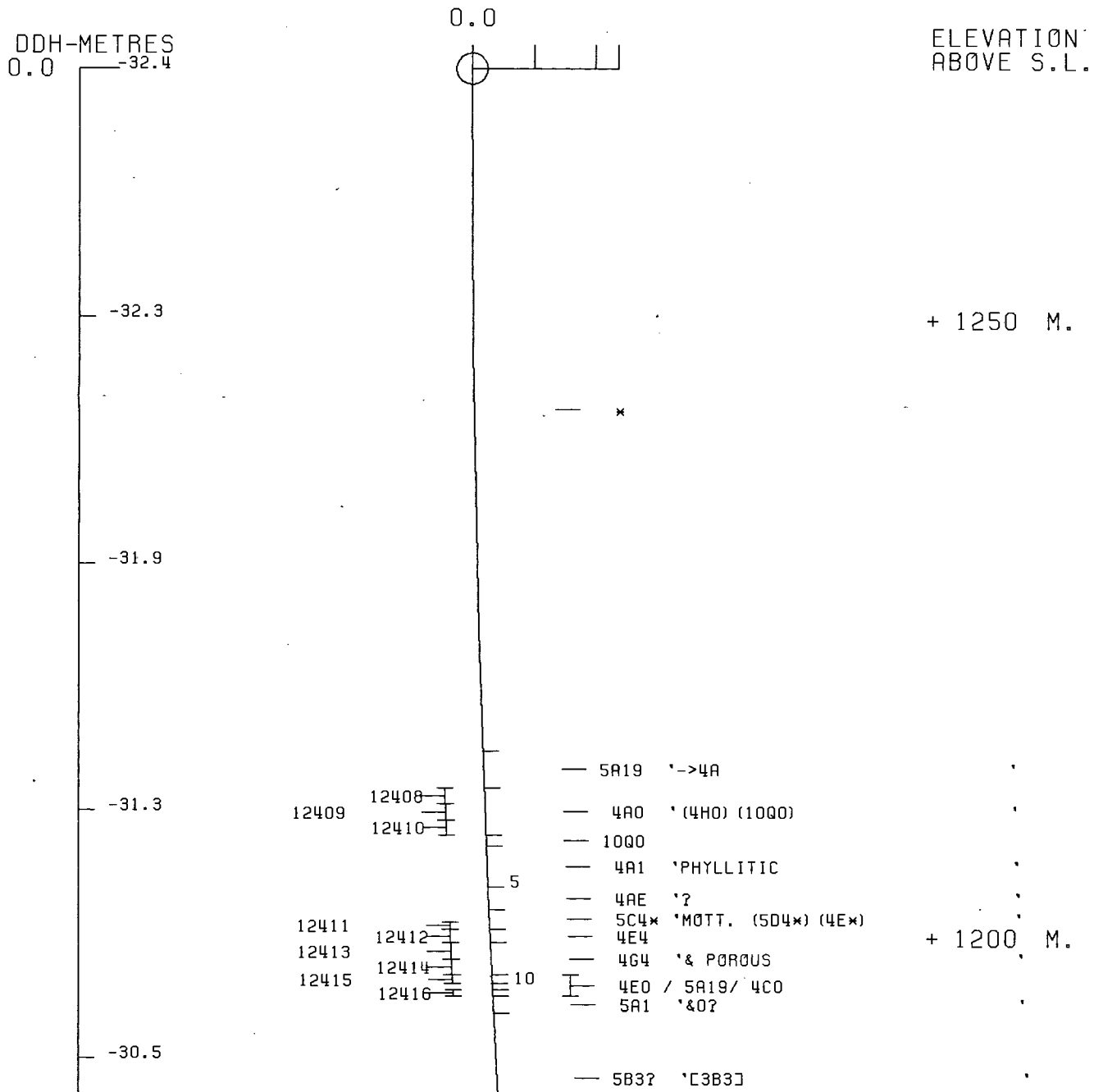
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1270 592554E ; 904637N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 880.8 Z = 1270.3

SECTION NAME: 02N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 10 OCT 1984 12:57 PM

DDH: FAGA225 -- 132 DEGREE PROFILE

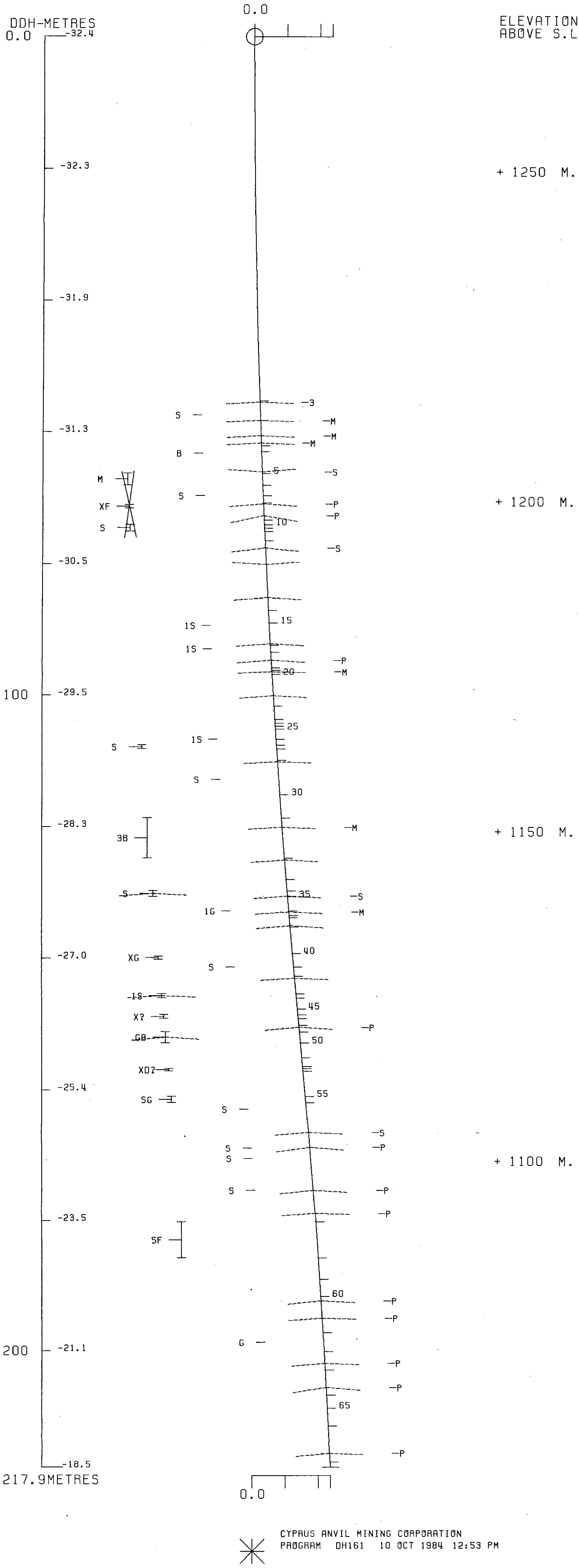
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1270 592554E ; 904637N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 880.8 Z = 1270.3

SECTION NAME: 02N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 10 OCT 1984 12:53 PM

FAGU013

DRILL HOLE : FAGUC13
NORTHING : 904,891.9
EASTING : 592,296.1
ELEVATION : 1,142.3
TOTAL DEPTH : 182.9
SECTION : W 72
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:	27
NOS DOWN-H-SURVEYS:	2
NOS DOWN-H-LITHOLOGY:	48
NOS DOWN-H-STRUCTURE:	36
NOS DOWN-H-FAULTS:	27
NOS DOWN-H-SPLINES:	2
NOS COMPOSITES:	0

DDH: FAGU013 UTM-N: 904,891.9 UTM-E: 592,296.1 UTM-ELEV: 1,142.3 TOTAL DEPTH: 182.9 SECTION: 4 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
16.8	18.3	06423	1.5	1.5	4E4	4.21	.12	4.01	5.65	61.00		1.17	1	28	30						
18.3	19.4	06424	1.1	1.1	4E4$	4.56	.15	6.14	1.26	117.00		1.58	2	24	26						
19.4	21.3	06425	1.9	1.9	4E4	4.62	.16	7.06	8.56	121.00		1.23	1	29	30						
21.3	23.1	06426	1.8	1.8	4E4	4.51	.15	3.79	4.53	70.00		.96		32	33						
23.1	24.9	06427	1.8	1.8	4E4	4.65	.16	4.06	6.04	61.00		1.57		33	34						
24.9	25.9	06428	1.0	.8	4G4$	4.21	.14	4.95	7.57	99.00		1.23		24	25						
25.9	27.5	06429	1.6	.6	4E41	4.08	.04	10.30	18.20	141.00		.75	4	14	18						
55.4	57.2	06430	1.8	1.8	4D45	3.61	.16	5.67	8.46	89.00	86.00	.82	2	14	16						
57.2	59.5	06431	2.3	2.0	4D45	3.66	.28	4.30	6.11	73.00		1.65	2	19	22						
59.5	60.4	06432	.9	.6	4A0	2.92	.05	1.34	3.39	21.00		.27	2	2	5						
60.4	62.5	06433	2.1	1.5	4D5	3.59	.11	4.79	3.91	74.00		1.78	1	19	21						
62.5	64.4	06434	1.9	1.8	4C5	3.62	.26	.89	.69	18.00		1.37		24	25						
64.4	66.3	06435	1.9	1.9	4C5	3.53	.21	.93	.96	21.00		1.23	1	23	24						
66.3	68.6	06436	2.3	1.6	4C5	3.40	.19	.15	1.39	7.00		1.23	1	21	22						
68.6	71.6	06437	3.0	2.2	4D5	3.45	.18	2.76	3.28	42.00		1.65	1	19	20						
77.4	78.6	06438	1.2	.9	4E41		.16	11.30	18.30	162.00											
148.4	149.0	06439	.6	.6	4A0	2.83	.06	.42	.60	10.00		.55		5	6						
149.0	150.6	06440	1.6	1.6	4C0	3.79	.20	1.01	.86	20.00	21.00	.82	3	24	27						
150.6	152.5	06441	1.9	1.9	4A0	2.98	.08	.77	.84	10.00		.41	2	7	9						
152.5	153.9	06442	1.4	1.4	4C@	3.16	.06	1.35	1.36	15.00		.34	3	11	14						
153.9	157.2	06443	3.3	1.1	4A0	3.04	.03	.78	.81	9.00		.21	4	5	10						
157.2	158.6	06444	1.4	.8	4EL4	3.58	.06	2.59	2.63	30.00		1.10	9	14	24						
158.6	161.1	06445	2.5	2.5	4G8#	4.34	.23	4.04	3.67	49.00		2.06	11	21	32						
161.1	161.5	06446	.4	.4	4E47	4.29	.07	4.40	3.61	56.00		.89	10	24	35						
178.0	179.8	06447	1.8	1.8	4E8*	4.21	.22	1.56	.86	33.00		.75	9	24	34						
179.8	181.3	06448	1.5	1.5	4E8*	4.14	.15	2.66	.45	46.00		.75	11	21	32						
181.3	182.9	06449	1.6	1.6	4E8*	4.00	.20	1.36	.36	32.00		1.17	9	23	32						
WEIGHTED AVERAGE																					
16.8	27.5		10.7	9.5		4.42	.13	5.77	7.64	94.43		1.19	1	27	28						
55.4	71.6		16.2	13.4		3.50	.19	2.68	3.50	44.35	9.55	1.35	1	19	20						
77.4	78.6		1.2	.9			.16	11.30	18.30	162.00											
148.4	161.5		13.1	10.3		3.47	.10	1.77	1.69	22.48	2.56	.81	5	13	19						
178.0	182.9		4.9	4.9		4.12	.19	1.83	.57	36.65		.88	9	23	33						

DDH: FAGU013 UTM-N: 904,891.9 UTM-E: 592,296.1 UTM-ELEV: 1,142.3 TOTAL DEPTH: 182.9 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	173.000	43.800
152.400	171.300	43.000

DDH: FAGU013 UTM-N: 904,891.9 UTM-E: 592,296.1 UTM-ELEV: 1,142.3 TOTAL DEPTH: 182.9 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.2	0C01	#		0.5-	1
4.0	0C02	5B8O		0.5-	1
4.6	0C03	5DO		0.5-	1
10.3	0C04	5B8O	(5DO) (5BO)	0.5-	1
16.8	0C05	5B2$		0.5-	1
18.3	0C06	4E4	BXA	0.5-	1
19.4	0C07	4E4$	BXA (4G4 BXA)	0.5-	1
24.9	0C08	4E4	BXA (4G4 BXA)	0.5-	1
25.9	0C09	4G4$	BXA	0.5-	1
27.5	0C10	4E41	& POROUS	0.5-	1
28.9	0C11	5D4	(5AO) MINOR	0.5-	1
43.9	0C12	5B6$	&2 &1	0.5-	1
46.7	0C13	58C	GOUGE	0.5-	1
47.2	0C14	56C	BROKEN	0.5-	1
48.0	0C15	56O		0.5-	1
50.7	0C16	58C	GOUGE	0.5-	1
55.4	0C17	5B26	(5B1)	0.5-	1
59.5	0C18	4D45		0.5-	1
60.4	0C19	4AC		0.5-	1
71.6	0C20	4C5	(4D4) (4A1) (4C9) ALL MINOR	0.5-	1
77.4	0C21	5B6		0.5-	1
78.6	0C22	4E41	(4H41) [4D4 (4D47)]	0.5-	1
99.0	0023	5B6	&2 &$ E.O.I. (5D4) MINOR	0.5-	1
111.4	0024	5B26	&# E.O.I. &$ E.O.I. (5B6)(5A6)	0.5-	1
126.5	0025	58C	$ &2	0.5-	1
128.5	0C26	4LC		0.5-	1
129.8	0027	5B26	$9	0.5-	1
131.5	0028	4LC		0.5-	1
132.0	0C29	4L27		0.5-	1
132.7	0C30	4LC		0.5-	1
140.2	0031	5A6	(5DO) MINOR	0.5-	1
141.2	0C32	5B6		0.5-	1
142.3	0033	4LC		0.5-	1
143.0	0034	5B26	(5A6)	0.5-	1
145.6	0035	4LO		0.5-	1
148.4	0036	5B26	(5A6)	0.5-	1
149.0	0037	4AC		0.5-	1
150.6	0038	4CO		0.5-	1
152.5	0039	4AC		0.5-	1
153.9	0C40	4C6		0.5-	1
157.2	0041	4AC	GOUGE BXA	0.5-	1
158.6	0C42	4E4	(4L4) 50:50	0.5-	1
161.1	0C43	4G8	# (4DO SERICITIC) 92:08	0.5-	1
161.5	0C44	4E47	8	0.5-	1
172.9	0C45	5A61	9	0.5-	1
174.2	0C46	5AC		0.5-	1
178.0	0C47	5A61	9 BXA	0.5-	1
182.9	0C48	4E81	#$	0.5-	1

DDH: FAGU013 UTM-N: 904,891.9 UTM-E: 592,296.1 UTM-ELEV: 1,142.3 TOTAL DEPTH: 182.9 SECTION: W 72
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
FAGU013	0.0	2.8	CS2		0	0	0	0	68	230	0	1	1	1
FAGU013	0.0	7.1	CS2		0	0	0	0	56	230	0	1	1	1
FAGU013	0.0	11.2	CS2		0	0	0	0	65	230	0	1	1	1
FAGU013	0.0	16.3	CS2		0	0	0	0	50	230	0	1	1	1
FAGU013	0.0	27.3	PS2		0	0	0	0	40	230	0	1	1	1
FAGU013	0.0	34.1	CS2		0	0	0	0	60	230	0	1	1	1
FAGU013	0.0	41.2	CS2		0	0	0	0	65	230	0	1	1	1
FAGU013	0.0	53.0	CS2		0	0	0	0	38	230	0	1	1	1
FAGU013	0.0	54.9	CS2		0	0	0	0	68	230	0	1	1	1
FAGU013	0.0	55.8	PS2		0	0	0	0	68	230	0	1	1	1
FAGU013	0.0	63.0	PS2		0	0	0	0	60	230	0	1	1	1
FAGU013	0.0	73.4	CS2		0	0	0	0	65	230	0	1	1	1
FAGU013	0.0	77.3	CS2		0	0	0	0	50	230	0	1	1	1
FAGU013	0.0	82.7	CS2		0	0	0	0	70	230	0	1	1	1
FAGU013	0.0	83.4	CS2		0	0	35	0	62	230	0	1	1	1
FAGU013	0.0	88.3	CS2		0	0	0	0	76	230	0	1	1	1
FAGU013	0.0	92.5	CS2		0	0	0	0	71	230	0	1	1	1
FAGU013	0.0	96.7	CS2		0	0	0	0	70	230	0	1	1	1
FAGU013	0.0	101.5			0	0	0	0	71	230	0	1	1	1
FAGU013	0.0	108.9	CS2		0	0	0	0	74	230	0	1	1	1
FAGU013	0.0	114.4	CS2		0	0	0	0	76	230	0	1	1	1
FAGU013	0.0	116.7	CS2		0	0	0	0	78	230	0	1	1	1
FAGU013	0.0	122.4	CS2		0	0	0	0	70	230	0	1	1	1
FAGU013	0.0	126.0	CS2		0	0	0	0	75	230	0	1	1	1
FAGU013	0.0	131.8	PS2		0	0	0	0	70	230	0	1	1	1
FAGU013	0.0	135.6	CS2		0	0	0	0	75	230	0	1	1	1
FAGU013	0.0	140.3	CS2		0	0	0	0	70	230	0	1	1	1
FAGU013	0.0	144.8	CS2		0	0	0	0	62	230	0	1	1	1
FAGU013	0.0	148.9	CS2		0	0	0	0	71	230	0	1	1	1
FAGU013	0.0	152.8	CS2		0	0	0	0	70	230	0	1	1	1
FAGU013	0.0	158.8	PS2		0	0	0	0	75	230	0	1	1	1
FAGU013	0.0	164.3	CS2		0	0	0	0	82	230	0	1	1	1
FAGU013	0.0	170.3	CS2		0	0	0	0	60	230	0	1	1	1
FAGU013	0.0	173.9	CS2		0	0	0	0	57	230	0	1	1	1
FAGU013	0.0	177.8	CS2		0	0	0	0	62	230	0	1	1	1
FAGU013	0.0	180.3			70	230	0	0	0	230	0	1	0	0

DDH: FAGU013 UTM-N: 904,891.9 UTM-E: 592,296.1 UTM-ELEV: 1,142.3 TOTAL DEPTH: 182.9 SECTION: W 72
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
FAGUC13	0.1	1.2	NP			0	0	0	0	0	0	1
FAGU013	16.8	18.3	XD?			0	0	C	0	0	0	1
FAGUC13	18.3	25.9	XD			C	0	0	C	0	0	1
FAGU013	25.9	27.5	RP	2		0	0	C	C	0	0	1
FAGUC13	27.5	28.9	P	1		0	0	C	C	0	0	1
FAGU013	0.0	32.2	XQ			0	0	C	C	0	0	1
FAGU013	0.C	39.5	1G			0	0	20	3C	0	0	1
FAGUC13	43.9	46.7	2GB			0	0	0	C	0	0	1
FAGU013	46.7	47.2	3BG			0	0	C	0	0	0	1
FAGU013	48.C	5C.7	3GP			0	0	0	0	0	0	1
FAGU013	0.0	57.9	XD?			0	0	0	0	0	0	1
FAGUC13	0.0	58.5	XD?			0	0	C	C	0	0	1
FAGU013	57.9	59.0	XR			0	0	0	0	0	0	1
FAGUC13	0.0	75.4	BS?			0	0	0	0	0	0	1
FAGUC13	0.C	85.1	1G			0	0	0	0	0	0	1
FAGU013	0.0	88.8	1G			0	0	C	0	0	0	1
FAGU013	0.0	104.5	1G			0	0	48	0	0	0	1
FAGU013	0.0	119.6	XQ			0	0	22	C	0	0	1
FAGUC13	0.0	122.5	XQ			0	0	20	325	0	0	1
FAGU013	0.C	128.0	XQJ			0	0	35	180	0	0	1
FAGU013	0.0	131.8	XQ			0	0	21	340	0	0	1
FAGU013	0.0	149.4	1R			0	0	0	0	0	0	1
FAGU013	153.9	157.2	GXD			0	0	35	20	0	0	1
FAGU013	153.9	157.2	RP	1		0	0	0	C	0	0	1
FAGU013	174.8	175.3	QX			0	0	0	0	0	0	1
FAGUC13	177.8	178.0	XD?			0	0	C	0	0	0	1
FAGU013	0.C	179.8	X			0	0	0	0	0	0	1

DDH: FAGU013 UTM-N: 904,891.9 UTM-E: 592,296.1 UTM-ELEV: 1,142.3 TOTAL DEPTH: 182.9 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU013	1	2
FAGU013	2	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU013

Project: Grum Reloc

Location: Vangorda Plateau

Claim:

UTM ~~Terr. Plane~~ Co-ords.: 6904891.9 N

592296.1 E

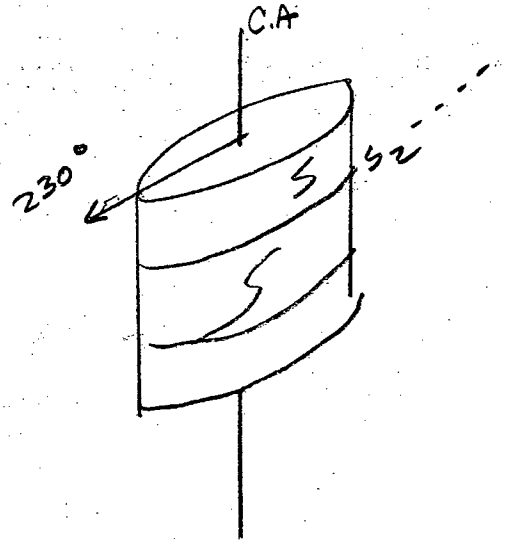
Conversion of K-4 survey grid co-ords

Grid Co-ords.: 72-4W / 1+14N

Elevation: 1142.3

Total Depth: 182.9 m

Fabric Orientation Diagram:



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

Purpose:

Logged by: JSM Date(s) Logged: ? - June 10, 1981

Drilling Contractor:

Core:	Size	From	To	Collar Cased and Capped:
	BQ	1.2	182.9	

Started: 1/7/76 Completed: 1/10/76

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH FAGU013

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	FAGU013	1111421.3	9104891.9	592296.1	MILLARES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	FAGU013	0 0	173.0	43.8	ATCOLLAR
R	FAGU013	1512.4	171.3	43.0	SPERRY SUN
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 FAG-4-0-13 (2 / 8) Cyprus Anvil Mining Corp. Page 3 of 13

Lithologic Log Date: _____ Logged By: JSM

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	0.0	1.2		1		casing, no core
L	1.2	4.0		2	5B8	lower ctc // S_2
L	4.0	4.6		3	5D3	lower ctc // S_2
L	4.6	11.03		4	5B8	(5BD) (5BO @ TOI) lower ctc gradational over 1/2m
L	11.03	11.68		5	5B24*	dolomitic
L	11.68	11.83		6	4E4	4A1-sfd poor @ TOI (.3m). intact ctc w/ 4E4 low angle brxiated, fractured (w/ cc linings) + vuggy. PbZn concentr in steep bands
L	11.83	11.94		7	4E4*	brxiated, (4G4brxia) Lower ctc gradational Dolomitic
L	11.94	12.49		8	4E4	brxiated. (Less brxiated 22.9-24.0.) Still some (4G) as clasts or as matrix. Note remobilized sp concentr in patches @ 20.9 and in 1/2mm vein @ 23.5. Mariposite @ 21.5m Some cc openspace fill, vuggy or hairline fracture fill.
L	12.49	12.59		9	4G4*	Brxia, well-healed, some open vugs. Dolomitic
						*Is #9 a fold repeat of #7? Is brxiation ∴ due to crunch @ fold nose?. Evidence ① Lith repeats: 5B2-4G-4E-4G-5B(2) ② Symmetry: possibly "S" above ore & "Z" below. — just a few symmetry observations made.
						*Is brxiation simply fault related? Evidence: poor recovery 25.9-28.9; faults below
						* Both?
L	12.59	12.75		10	4E4	Super high grade. Banding near vertical @ TOI. Porous @ 27.4, Rubble to 27.5 0.4m recovered 0.4/1.6 = 25%
L	12.75	12.89		11	4L0?	0.2m/1.4 m recovered ~15% fold nose of 5A in 4L w/ mariposite } fault?
L	12.89	14.39		12	5BO	dolomitic (slightly calc powder); (5B1)(5B2)(5B6) Steep irregular vuggy cc veins.
L	14.39	14.67		13	5B0	gouge + broken core = 40%
L	14.67	14.72		14	5B0	all broken core + (gouge)

DDH FAGU0.13 (2 / 8) Cyprus Anvil Mining Corp. Page 4 of 13

Lithologic Log Date: _____ Logged By: JSM

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	147.2	148.0		15	5B10	intact
L	148.0	150.7		16	5B10	gouged core ≈80%; poor recovery } fault?
L	150.7	155.4		17	5B26	(5B1,) 3m QQO @ lower ctc
L	155.4	159.5		18	4D45	high grade incl. a 3cm. band of 4J41 near top of int. (10-15% PO?)
						minor arsenopy grains visible (size = py)
						minor cpy along cracks. Lower ctc lost
						bxiation @ 57.9 & 58.5
L	159.5	160.4		19	4A0	1-2% sfds lower ctc broken
L	160.4	171.6		20	4C5	(4D4 60.4-60.8 and 71.3-71.6) (4A1) (4C9 @ 62.9-63.3m) lower ctc lost
L	171.6	177.4		21	5B6	(minor carbonaceous mat'l)
						minor shearing? (vertical foliation + broken core) @ 75.4
						lower ctc sericitized + rubble
L	177.4	178.6		22	4E41	(4A41 77.7-78.0) fold nose of sfds w/ py in center? ★ see note bel
						QQO near EOT. Lower ctc intact 50% to C.A.
L	178.6	199.0		23	5B16	(5B26) gougey @ 85.1 & 88.8
						5D4 interbed 87.3-87.6 Lower ctc gradational
L	199.0	111.4		24	5B26	(5B6, 5A6) gougey @ 104.5 minor QQO
						cc veining lower ctc gradational
L	111.4	126.5		25	5B26	(5B29) minor QQO + cc veining lower ctc // S_2
L	126.5	128.5		26	4L0	sericitized, non-calc, phyllite } QQO near EOT
						lower ctc // S_2
L	128.5	129.8		27	5A16	(1% py) ~45:55 graphite : qtz ; minor phyllitic mat'l lower ctc // S_2
L	129.8	131.5		28	4L0	sericitized phyllite } gradational
L	131.5	132.0		29	4L27	30-40% py
L	132.0	132.7		30	4L0	sericitized phyllite
L	132.7	140.2		31	5A6	minor QQO; minor py; minor thin 5D interbds + fold nose @ ~139.0. Lower ctc gradational over ~1m
L	140.2	141.2		32	5B16	gradational lower ctc
L	141.2	142.3		33	4L0	sericitized phyllite
L	142.3	143.0		34	5B26	(5A6)
						★ this alternation of altered + unaltered phyllites
						is probably due to variation in carbon content
L	143.0	145.6		35	4L0	gradational
L	145.6	148.4		36	5B26	(5A6) lower ctc // S_2
L	148.4	149.0		37	4A0	lower ctc // S_2

1982 check ↓
5B6 ±2 (" JSM scores again: ca!
dob (@96.8-98.7)
98.5-111.4 w/ minor calc + dol
80 ×±2 " silly dol down silly cal down could be EOV od lithons t gtz + carbonac
825 ×dol & sat bands subly convex ↓

C.A.M.C. 1981 – E-3

★ [4D4 (4D47)] this unit has ~70% sfds but is "massive" not banded in texture

DDH FAG.U.0.13 (2 / 8) Cyprus Anvil Mining Corp. Page 5 of 13

Lithologic Log Date: _____ Logged By: JSM

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1149 0	1150 6		38	4C0	65% py @ TOI, graphitic rubble @ 149.4, becoming more siliceous near center of interval, grading to 4L2 @ EOI. Only trace visible base metals (cpy + gn). Lower dtc gradational
L	1150 6	1152 5		39	4A0	2-5% sfds. graphite > qtz. lower dtc // Sz (+3G Z-finely intbnd
L	1152 5	1153 9		40	4C*	~30% sfds, grades to 4L2 @ EOI ankeritic lower dtc = fault dtc
L	1153 9	1157 2		41	4A0	Graphitic sulfidic gouge/brxia (0.3m) } 1.6/3.3 = ~15% rec Broken rubble (0.3m) Fault ? Lower dtc = rubble
L	1157 2	1158 6		42	4E4	4E4, graphitic parting, 4L4 50:50
L	1158 6	1161 1		43	4G4	8* c.c. (159.9-161.1 4D0 sericitic) 4L parting btwn #43 + #44 ↗ w/ cpy patch lower dtc // Sz
L	1161 1	1161 5		44	4E4	78 lower dtc broken
L	1161 5	1172 9		45	5A6	19 1% py thinly laminated, graphite >> qtz. lower dtc gradational
L	1172 9	1174 2		46	5A0	calcareous lower dtc gradational
L	1174 2	1178 0		47	5A6	19 174.8-175.3 qtz-sfd fracture fillings, lower dtc = 25cm of brxia: silicified phyllite frags in drusy $CO_3^=$ matrix, vuggy
L	1178 0	1182 9		45	4E8	1* very sfd rich @ TOI. BaSO4? 4A @ 182.7, 4L @ 182.6 → dolomitic to cc → ang $CO_3^=$ as patches & streaks, or as matrix (texture of 4C) 2> assoc. w/ mgt Clasts of 4L @ 179.8
						E.O.H.

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

DDH FAG-0013 (2 8) Cyprus Anvil Mining Corp. Page 6 of 13

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		128	CISIZ				618 2310	
S		171	CISIZ				516 2310	
S		1112	CISIZ				652310	
S		1163	CISIZ				502310	
								bxiated sfds - no attitudes possible
								possible fold nose @ 26.0 in sfds
S		12173	PISIZ				4102310	comp bndg sfds
								locally fractured + veined to the pt of being a crackle bxia as @ 32.2
S		1314	CISIZ				610 230	
								@ 39.5 sm. gouge interval below a possible fault of 20°/260° attitude
S		412	CISIZ				65 230	
								48-50.7 gouge core, no attitudes
								possible E fold nose @ 51.1
S		5330	CSIZ				38 230	
S		5349	CISIZ				618 230	
S		5558	PISIZ				618 2310	comp bndg in sfds varies 68-75°
								possible fault (bxiation + rubbly core) 57.9 - 59.0
S		6130	PSIZ				610 2310	comp bndg sfds
S		7134	CISIZ				652310	Z symmetry
S		7773	CISIZ				502310	
								S_4 dips 22° to C.A. (can't get direction) @ 82.0m
S		8127	CSIZ				702310	
S		8234	CISIZ				62 230	S_1 = 35/230° "S" Sym
		[illegible]						S_3 = 75/50°
S		883	CSIZ				76 230	
S		925	CISIZ				71 230	
S		967	CISIZ				70 230	
S		1015	CSIZ				71 230	
								@ 104.6 minor gouge +080 48°/230° ??
S		10189	CSIZ				74 230	

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

DDH EAG-10-13 (2 / 8) Cyprus Anvil Mining Corp. Page 7 of 13

Structural Log Date: _____ Logged By: JSM

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		111144	CISIZ				716 2310	
S		111167	CISIZ				718 2310	
								@119.6 qtz-CO$_3$ healed fracture 22°/230° ~3-4cm wide.
D		112124	CISIZ				710 2310	
								@122.5 similar qtz-CO$_3$ vein 20°/195°
S		112660	CISIZ				715 2310	
								@128.0 std/clay filled fracture 35°/350°.
S		113118	PSIZ				710 2310	comp bndg.
								fault or fracture w/ brxiated 21°/210° qtz+CO$_3$ filling ~5cm wide.
S		113566	CISIZ				715 2310	
S		114038	CISIZ				710 2310	
S		114488	CISIZ				612 2310	
S		114898	CISIZ				711 2310	
								rubble @149.4 no attitudes
S		115278	CISIZ				710 2310	
								@154.1 35°/250° poss. b/e fault orientation thru brxia zone.
S		115888	PSIZ				715 2310	comp bndg.
S		116143	CISIZ				812 2310	
S		117033	CISIZ				610 2310	
S		117379	CISIZ				517 2310	
S		117788	CISIZ				612 2310	
								@177.8-178 brxia ~13cm wide 65° to C.A. (direction indeterminable
S		118033			710 2310			comp bndg in stks
								70°/250° 4A int bd top etc
								35°/230 4L int bd top etc

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

DDH EAG40-13 Cyprus Anvil Mining Corp

Page 8 of 13

Logged by JSM

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
A	116	118	64213	15	15	4E41	(4A1) bxia
A	118	119	64214	11	11	4E41*	(4G4) $ bxia
A	119	121	64215	19	19	4E41	bxia
A	121	123	64216	18	18	4E41	bxia
A	123	124	64217	18	18	4E41	bxia
A	124	125	64218	10	08	4G4*	bxia $
A	125	127	64219	16	06	4E41	
A	155	157	64310	18	18	4D4S	
A	157	159	64311	23	20	4D4S	
A	159	161	64312	09	06	4A01	
A	161	162	64313	21	15	4C51	(4D4)
A	162	164	64314	19	18	4C51	(4C9)
A	164	166	64315	19	19	4C51	
A	166	168	64316	23	16	4C51	
A	168	171	64317	30	22	4C51 D	(4D4)
A	174	178	64318	12	09	4E41	(4H4)
A	148	149	64319	06	06	4A01	
A	149	150	64410	16	16	4C01	(4L2)
A	150	152	64411	19	19	4A01	
A	152	153	64412	14	14	4C1*	
A	153	157	64413	33	11	4A01	Fault
A	157	158	64414	14	08	4EL4	
A	158	161	64415	25	25	4G48*	
A	161	161	64416	04	05	4E4178	
A	178	179	64417	18	18	4E81*	
A	179	181	64418	15	15	4E81*	
A	181	182	64419	16	18	4E81*	

Metres

FAULT

DDH FAGU013 (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	000	012	NIP					Casing - no core
F	1168	1183	XIDI?					bxiated / fractured / vuggy
F	1183	1259	XIDI					bxiated, some cc open space, well-healed, some open vugs
F	1259	1275	RIP	2				rubble 0.4m/1.6m
F	1275	1289	PI	1				0.2m/1.4m
F	1439	1467	2IGIB					40% gouge & broken core
F	1467	1472	3IBIG					All broken core (& gouge)
F	1480	1507	3IGIP					All gouged - 80% w poor recovery
F		1579	XIDI?					} bxiation
F		1585	XIDI?					
F		1754	BISI?					broken core & vertical fltn
F		1851	IIG					} gougey
F		1888	IIG					
F		11045	IIG			418 0100		gougey
F		11494	IIR					graphitic rubble
F	11539	11572	GXID			315 0210		graphitic - sulphidic gouge / bxa
F	11539	11572	RIP	1				0.3m broken rubble 0.6/3.3m recovery
F	11748	11753	QIXI					qtz-sulphide fracture fillings
								lower cnt 25cm bxa - silicified phyll in dreuy $CO_3^=$ matrix
F		11798	XI					clasts of qtz
F		1322	XIQ					crackle bxa
F		1395	IIG			210 0130		small gouge
F	1579	1590	XIR					bxiation & rubbly core
F		11196	XIQI			220 0100		qtz - $CO_3^=$ healed fracture
F		11225	XIQ			210 3125		qtz - $CO_3^=$ healed fracture
F		11280	XIQIJ			35 1810		sulphide - clay filled fracture
F		11318	XIQ			213 1410		fault or fracture w/ bxiated cc + qtz filling

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

Metres

FAULT

DDH EAGU013 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	117178	117180	XD17					6x a. 13cm wide. 65° to C.A.

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

DDH- F1A1G1L401/131

GEOTECHNICAL LOG

feet	metres	GRAPHIC LOG	INTERVAL	QUALITY	COMPETENCY SCORE	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
10	3		13.8					
	2			fairly competent, no gouge or broken zones	29/30	4cm	5B2 Dolo.	
5	1					poker chips		
0	0		16.8					
		ORE			SIZE OF CORE			3 → some core loss
0	0		27.5	Incompetent				poor recovery broken + fractured rock, no gouge recovered but likely fault zone
				very poor recovery				
5	1			fairly good recovery	0/3	3cm	410 580	
	2			very poor recovery				
10	3		30.5					

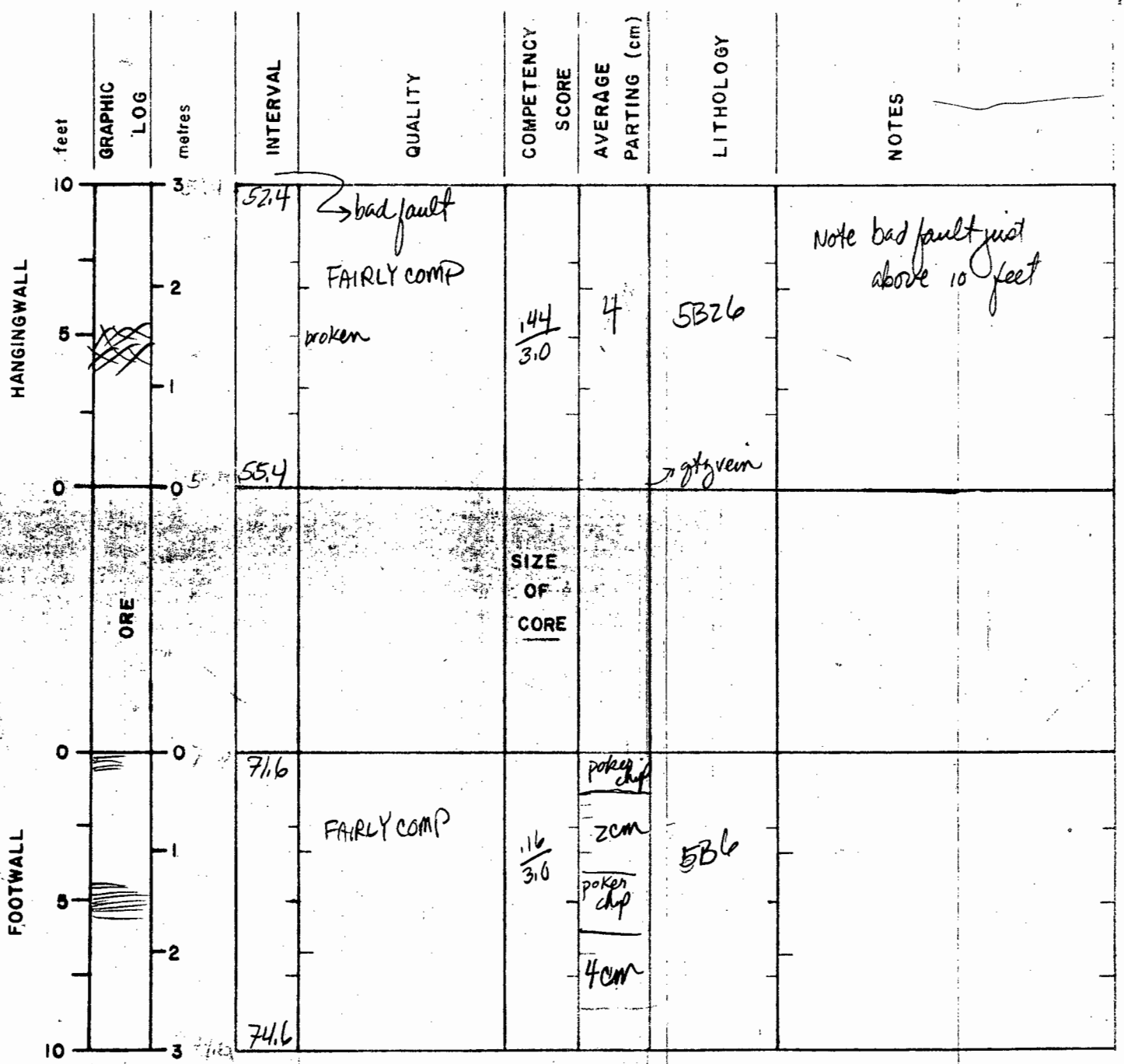
HANGINGWALL

FOOTWALL

DDH- FIAIGU10/131

GEOTECHNICAL LOG

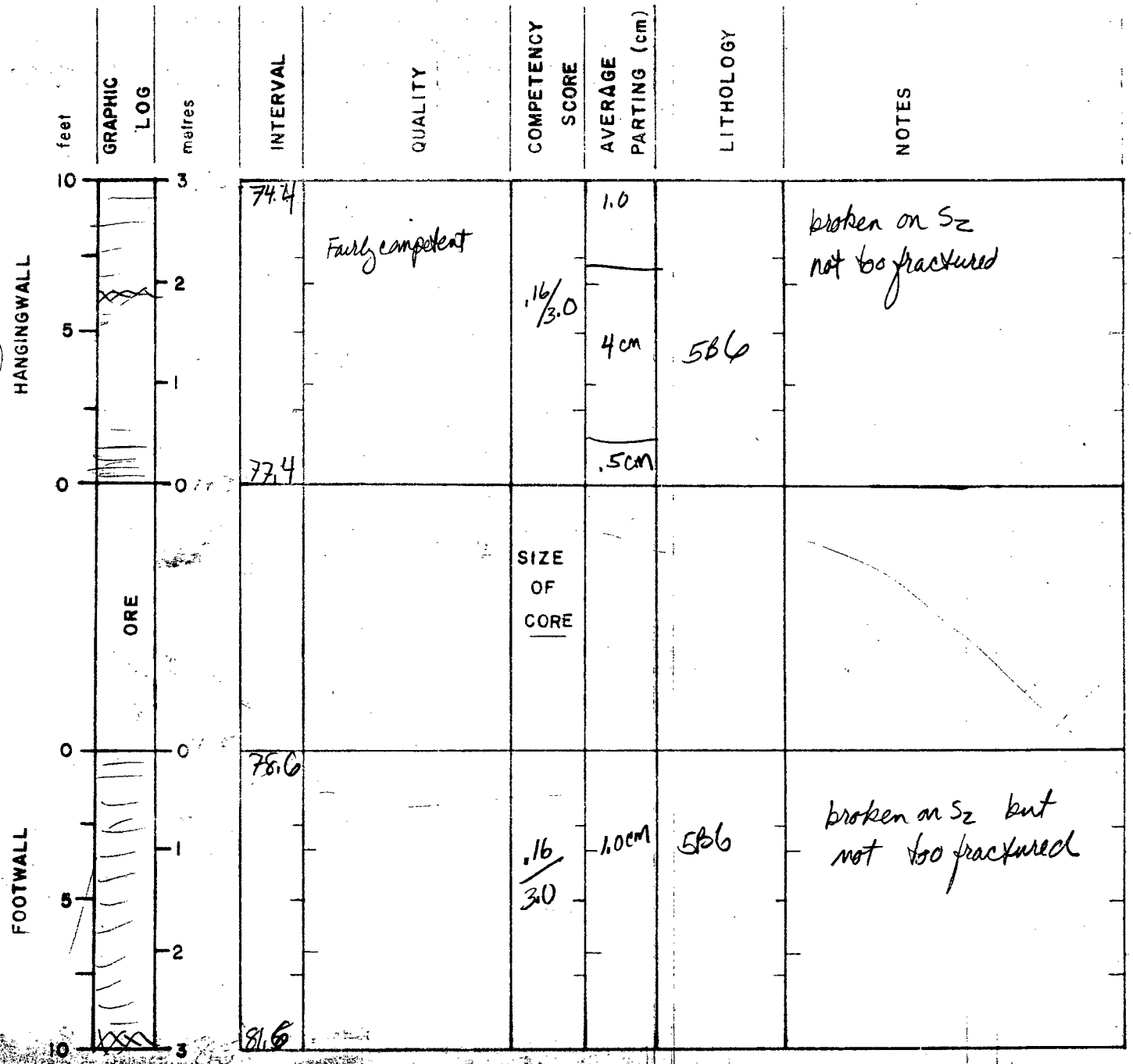
2/5



DDH- F1A1G1K10113

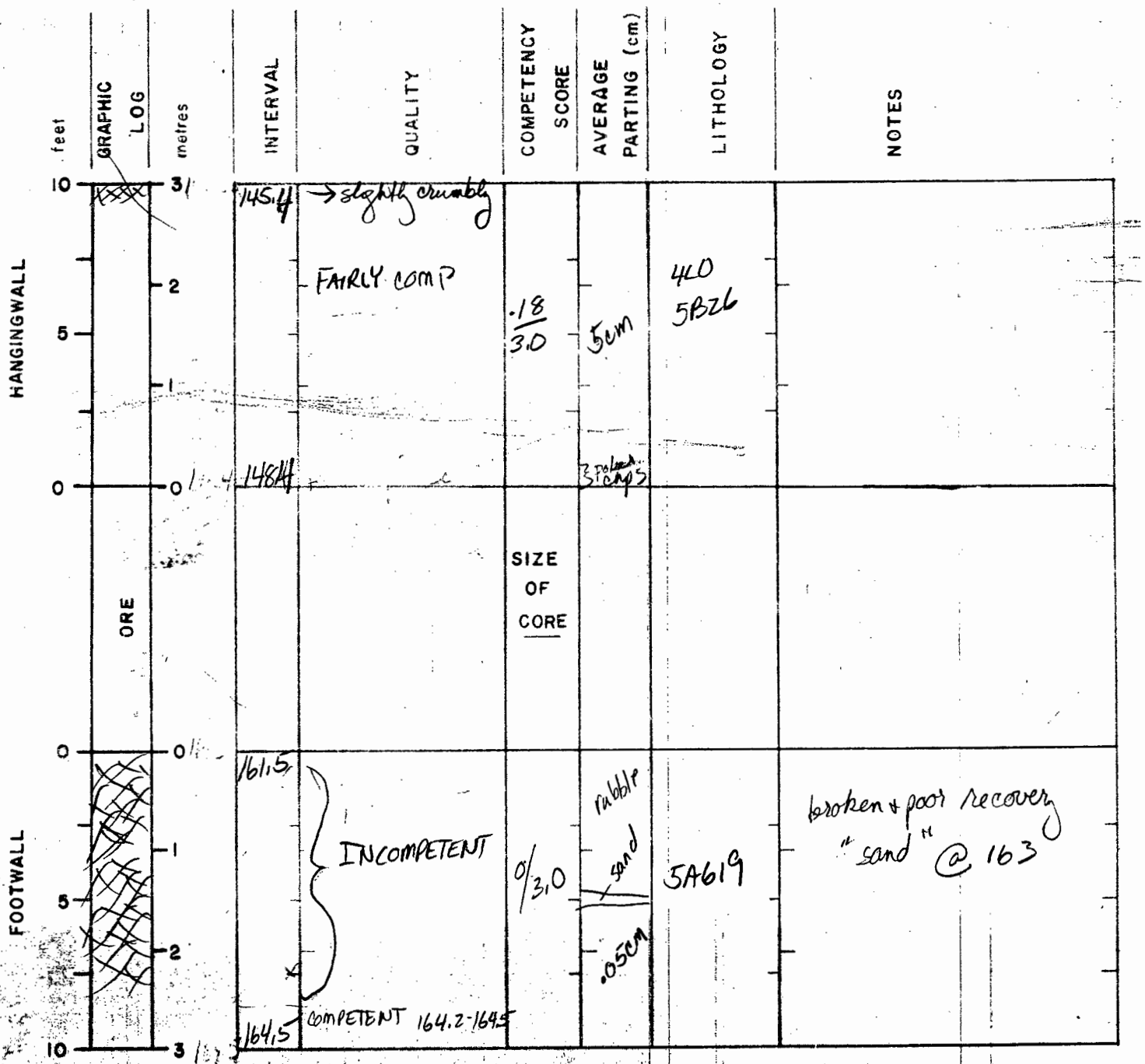
GEOTECHNICAL LOG

3/5



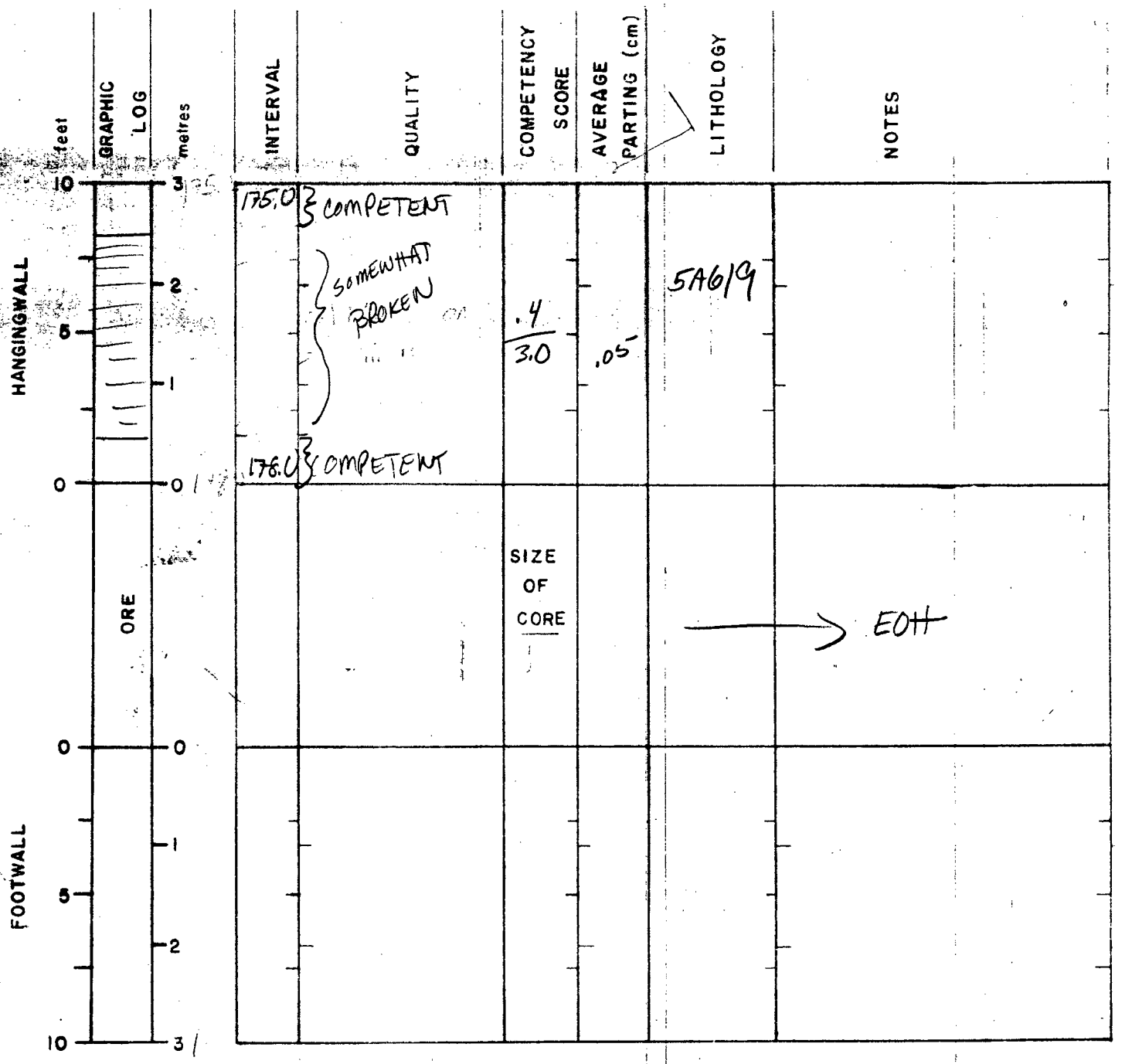
DDH- LF1A1G1401131

GEOTECHNICAL LOG



DDH- LFIAGIMIOIIL13I

GEOTECHNICAL LOG



Wt. Av. calc'd
Typed - HP.

DIAMOND DRILL RECORD

LOGGED BY J. PAXTON & G Tetu

76-043

PROPERTY GRUM JOINT VENTURE Co

D.D.H. No. ~~76-43~~ PAGE 1/8

LATITUDE 10685.48 LINE GRID 1+30"N BEARING OF HOLE @500'± Cedar = 43°47'-59' -83° STARTED 7 Jan 76

DEPARTURE 7600.08 72W DIP OF HOLE [illegible] COMPLETED 10 Jan 76

ELEVATION 1152.91 DIP TESTS @ 500' Az = 42° NM Dip -81 DEPTH Proposed: Ultimate: 182.9

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	1.2	Casing													
1.2	10.6	Calcite - Chlorite - Phyllite Pale grey green colour. 30% calcite mainly in 1-5mm white bands. Banding (F.?) good at 70° Second contact sharp at 70°	9.4/9.4												
10.6	17.1	Quartz - Sericite - Graphite - phyllite Dark grey colour. F. subparallel to F2 at 70° 16.7-17.1 Fault breccia and gouge	5.5/6.5												
17.1	27.9	Sulphide Zone Consists of a coarse crush-breccia of angular fragments up to 10cm of almost pure fine grained Py in a groundmass of													

LOGGED BY J. Paxton & G. Tetu D.D.H. NO V-13 PAGE 2/8

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		mixed fine grained Pyrite, galena and Sphalerite. Locally massive													
		Breccia of Py in Py+Pb Zn Py 60 Pb Zn 6	1.2	1240	17.1	18.3	1.2	5.20	6.86	2.09	✓		6.24	8.232	2.508
		Faintly banded at 35° in massive sections Py 50 Pb Zn 10	1.5	1	18.3	19.8	1.5	7.26	11.03	3.27	✓		10.89	16.545	4.905
		Breccia of Py in Py+Pb-Zn Py 50 Pb-Zn 7	1.5	2	19.8	21.3	1.5	6.84	7.96	2.94	✓		10.26	11.94	4.41
		" " " " Py 50 Pb-Zn 3	1.6	3	21.3	22.9	1.6	4.30	4.20	2.15	✓		6.88	6.72	3.44
		Massive Py with open vugs Py 50 Pb-Zn 3	1.5	4	22.9	24.4	1.5	4.40	5.62	1.84	✓		6.6	8.43	2.76
		Breccia of Py in Py+Pb Zn. 10 cm of fault						4.60	6.5		✓				
		gouge 25.8-25.9 Py 50 Pb Zn 6	1.5	5	24.4	25.9	1.5	4.60	6.51	2.18	✓		6.90	9.765	3.27
		Broken Zone. Banding 35° Py 15 Pb Zn 16	0.6	1246	25.9	27.9	2.0	10.03	14.69	3.82	✓		20.06	29.38	7.64
				WT AV	17.1	27.9	10.8	6.28	8.42	2.678	(91.8)		67.83	91.01	28.933
				WT AV	17.1	21.3	4.2	6.52	8.74	2.815	(96.5)		27.39	36.717	11.823
27.9	48.8	Quartz Sericite Graphite Phyllite Dark grey. Incompetent Well foliated $F_2 = 70°$ Traces of gouge and fault breccia at 32.1, 33.0-33.3, 38.7-39.6, 42.4-44.2	12.3/20.9	WT AV	22.9	25.9	3.0	4.60	6.07	2.01	(68.9)		13.50	18.195	6.03
48.8	50.7	Sericite - Talc Phyllite Very dark grey Soft & crumbly. May contain biotite & chlorite. $F_2 = 75$. Contacts sharp	1.9/1.9												

LOGGED BY J. Paxton & G. Tetu D.D.H. NO U-13 PAGE 3/8

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag	
50.7	55.4	Quartz Sericite Phyllite	3.5/4.7													
		Dark grey to black. Broken and incompetent. Fz = 70° with local contortions														
		Fault gouge 51.4 - 52.2														
55.4	71.6	Quartz Sulphide														
		Generally banded with local massive section. Minor graphite zones.														
		Quartz-sulphide Banding =65 Py 20 Pb-Zn 12	1.2	1247	55.2	56.4	1.2	6.61	8.98	2.82	✓		7.932	10.776	3.384	
		" " " =80 Py 25 Pb-Zn 10	1.5	1248	56.4	57.9	1.5	4.40	5.25	2.06	✓		6.60	7.875	3.09	
		Mainly breccia of angular sulphide fragments in a porous, chunky ground mass. Py 20 Pb 28	1.1	1249	57.9	59.5	1.6	6.94	8.55	2.88	✓		11.104	13.68	4.608	
		59.5 - 60.4 Sericite phyllite Py 8 Pb-Zn 2	2.2	1250	59.5	62.5	3.0	3.50	2.95	1.57	✓	x	10.50	8.85	4.71	not
		60.4 - 62.5 quartz-sulphides														
		Massive quartz sulphides Py 30 Pb 2.2	1.4	1251 ~~1250~~	62.5	64.0	1.5	0.15	0.53	0.26	✓	x	0.225	0.795	0.39	not
		" " " Py 30 Pb 2.5	1.4	1252 ~~1251~~	64.0	65.5	1.5	2.85	0.78	1.44	✓		4.275	1.17	2.16	
		" " " Py 30 Pb 2.1	1.2	1253	65.5	67.1	1.6	0.20	1.03	0.29	✓		0.32	1.648	0.464	
		" "plus Minor phyllite Py 25 Pb 2.1	1.2	1254	67.1	68.6	1.5	0.35	1.70	0.32	✓		0.525	2.55	0.48	
		" " Py 35 Pb 2.5	0.7	1255	68.6	70.1	1.5	4.60	2.03	2.18	✓		6.90	3.045	3.27	
		" " Py 25 Pb 2.5	1.4	1256	70.1	71.6	1.5	3.10	3.45	1.24	✓		4.65	5.22	1.86	
				Wt Av	55.2	59.5	4.3	5.96	7.52	2.58	(88.3)		25.636	32.331	11.084	not
				Wt Av	64.0	68.6	4.6	1.11	1.17	0.76	(26.1)	x	5.120	5.368	3.494	not
				Wt Av	67.6	71.6	3.0	3.85	2.[illegible]	1.71	(58.6)	x	11.55	8.768	5.13	not

LOGGED BY J. Parton & G Tetu D.D.H. NO U-13 PAGE 4/8

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag	
71.6	77.4	Quartz Sericite Phyllite Medium grey colour. Well foliated at 75°. Small gouge seam 72.7 Soft and broken 75.2 - 75.4 F_1 seams parallel to F_2	5.8/5.8	WT. A	59.5	71.6	12.1	2.26	1.92	1.14	(31.1)		27.395	23.278	13.784	
77.4	78.2	Massive Sulphides 1-3 mm quartz grains and fragments in fine grained brown sphalerite groundmass. Py 5 Pb-Zn 25 Contacts sharp at 60°. No banding	0.8/0.8	1257	77.4	78.2	0.8	11.06	17.37	4.41	/					Plot
				WT A	75.2	78.2	3.0	2.95	4.63	1.18	(40.5)					
78.2	126.4	Quartz Sericite Phyllite ± Graphite Medium grey colour Well foliated at 75° Soft and crumbly at 82.0, 82.5. Short bleached zone 87.2-87.5 Fault gouge 88.8 - 89.0 at 80° Traces of graphite past 100.0 Fault gouge 103.9 - 104.1 @ 70°(?) Uniform F_2 foliation at 80° cutting F_1 banding which is generally 70° in opposite direction. Spotty calcitic zones	39.8/48.2													

LOGGED BY J. Parlon & G Tetu D.D.H. NO U-13 PAGE 5/8

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		110.0 to 126.4 Folded F_1 parallel to core 120 - 126.4													
126.4	128.5	Bleached Sericite Phyllite Greenish buff colour Wisps of py. Strong F_2 foliation at 80° cutting folded F_1 bands running generally parallel to the core	2.1/2.1												
128.5	129.8	Quartz Sericite Calcite - Graphite Phyllite Dark grey colour Competent F_2 = 80°	1.3/1.3												
129.8	131.6	Bleached Sericite Phyllite Similar to Section 126.4-128.5 F_2 = 85° Traces of sphalerite on first contact	1.8/1.8												
131.6	132.0	Quartz Sulphide Quartz sericite and Py. F_2 = 80°	0.4/0.4												
132.0	132.7	Bleached Sericite Phyllite	0.7/0.7												

LOGGED BY J. Paxton & G Tetu D.D.H. NO U-13 PAGE 6/8

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
132.7	140.2	Quartz Sericite Graphite Phyllite Dark grey to black. F_2 = 90 Quartz vein at 133.2 - 133.5 with traces of galena.	7.5/7.5												
140.2	146.0	Bleached Sericite Phyllite Could be called Sericite Phyllite Pale grey colour. Wisps of Py (<5%)	5.8/5.8												
146.0	149.0	Quartz Sericite Graphite Phyllite Dark grey to black. Numerous 1-3mm pyritic bands at 85° (F_1?) Py = 10%	3.0/3.0												
149.0	149.9	Massive Pyrite 80% Py 20% quartz. No banding	0.9/0.9												
149.9	152.5	Quartz - Graphite - Sulphide Zone Black graphitic phyllite interbanded with quartz - pyrite material. Bands 1-5 cm at 80° Py = 30%													

LOGGED BY J. Paxton D.D.H. NO V-13 PAGE 7/8

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag	
152.5	154.2	Quartz Sulphide Zone	1.7/1.7													
		Interbanded grey chert and pyrite														
		Local small folds. Banding averages														
		80°. Minute traces of Pb-Zn only														
		XG														
154.2	157.8	Quartz Sericite Phyllite	0.7/3.6													
		Grey colour F_2 = 80° Very broken														
		Fault breccia 154.2 - 155.4. Fault														
		zone appears to dip at 45°														
157.8	161.5	Quartz Sulphide Zone														
		Breccia of rock fragments in massive														
		Py to 158.2. Bleached Sericite 158.2-158.5														
		Py 30 Pb-Zn 3	0.7	1258	158.2	158.5	1.3	2.40	2.28	0.91	/		3.12	2.964	1.183	not
		Near massive, banded Sulphide Py 50 Pb-Zn 5	1.3	1259	158.5	160.0	1.5	3.5	3.15	1.32	/		5.775	4.725	1.98	
		" " " " Py 50 Pb-Zn 5	1.5	1260	160.0	161.5	1.5	5.25	3.75	1.71	/		7.875	5.625	2.565	
		(Traces of magnetite)		Wt. Av.	158.5	161.5	3.0	4.55	3.45	1.523	(51.9)		13.66	10.35	4.569	not
161.5	178.0	Quartz Graphite Phyllite														
		Dark grey. Competent Strong														
		F_2 foliation at 75° throughout.														
		Traces of Py														
		161.8 - 163.0 Fine Sand. Cave?														

LOGGED BY J. PAXTON D.D.H. NO U-13 PAGE 8/8

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag	
		177.7-178.0 Breccia of angular quartz-graphite phyllite fragments in a porous cherty groundmass.														
		175.2-175.3 Breccia of phyllite in Py.														
178.0	182.9	Massive Sulphide Zone														
		Fine grained Py with streaks and lenses of quartzitic material at 80°. Also occasional streaks of fine grained magnetite and galena.														
		Py 70 Pb-Zn 3	1.8	1261	178.0	179.8	1.8	2.00	0.88	1.00	/		3.600	1.584	1.800	pkt
		Py 70 Pb-Zn 1	1.5/1.5	—	179.8	181.3	—				1 Pb-Zn Est.					pkt
		Py 70 Pb-Zn 1	1.5/1.5	—	181.3	182.9	—				1 Pb-Zn Est.					
	182.9	End of hole														
		Hole stopped in sulphide due to low visual grade estimate and to accomodate mining schedule.														

FAGU015

DRILL HOLE : FAGU015

NORTHING : 904,908.7

EASTING : 592,226.9

ELEVATION : 1,155.6

TOTAL DEPTH : 185.9

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 CRE-SAMPLES: 30

NOS DOWN-H-SURVEYS: 3

NOS DOWN-H-LITHOLOGY: 51

NOS DOWN-H-STRUCTURE: 37

NOS DOWN-H-FAULTS: 14

NOS DOWN-H-SPLINES: 3

NOS COMPOSITES: 0

DDH: FAGU015 UTM-N: 904,908.7 UTM-E: 592,226.9 UTM-ELEV: 1,155.6 TOTAL DEPTH: 185.9 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	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	MG %	MN %	AS %	BA %	S.G. W.R.
19.9	24.4	06919	4.5	1.3	4E4	4.54	.27	4.50	2.80	65.00		1.65	4	31	35						
24.4	26.7	06920	2.3	1.9	4E4	4.67	.23	3.00	2.70	64.00		1.44	3	35	38						
26.7	27.6	06921	.9	.7	4GE#	4.89	.14	6.50	6.20	86.00		1.51	4	21	26						
27.6	28.1	06922	.5	.4	4E48	4.86	.22	7.60	6.30	105.00		1.10	7	23	31						
28.1	29.1	06923	1.0	.9	4GE	4.67	.12	11.40	7.00	158.00		1.51	2	24	26						
29.1	30.5	06924	1.4	1.0	4L74	3.69	.25	3.00	2.80	39.00		.48	9	15	24						
67.1	67.9	06925	.8	.8	4D4	4.11	.13	5.30	8.10	97.00		.96	1	22	24						
67.9	68.6	06926	.7	.7	4L52	3.21	.07	.55	1.38	9.00		.34	5	8	14						
68.6	70.4	06927	1.8	.8	4G4	4.76	.19	7.10	10.90	130.00		.75	1	24	26						
70.4	71.2	06928	.8	.6	4D4	3.66	.13	6.60	9.10	134.00	125.00	1.03	1	31	33						
108.2	112.8	06929	4.6	1.7	4D43	3.98	.33	6.50	7.90	119.00		1.92	2	19	21						
112.8	114.0	06930	1.2	1.2	4E1	4.43	.33	1.65	2.60	43.00		1.58	1	34	36						
114.0	114.9	06931	.9	.6	4D4	3.82	.30	4.30	7.80	74.00		1.92	2	16	18						
114.9	116.9	06932	2.0	1.8	4E1	5.01	.40	2.20	2.80	43.00		2.26	1	34	36						
116.9	118.3	06933	1.4	1.3	4C0	4.54	.37	2.30	2.80	46.00		1.85	3	30	34						
118.3	120.0	06934	1.7	1.4	4D0	4.21	.42	3.00	6.40	56.00		1.78	3	25	28						
120.0	121.2	06935	1.2	1.2	4D53	3.80	.40	3.40	4.90	66.00		2.54	2	16	19						
121.2	123.6	06936	2.4	1.6	4C0	3.93	.27	1.60	1.57	30.00		1.44	1	25	27						
123.6	125.9	06937	2.3	1.8	4D0	3.99	.50	3.00	6.10	56.00		.75	1	22	24						
125.9	127.7	06938	1.8	1.6	4C0	3.53	.26	1.39	3.40	32.00	30.00	1.17	1	19	20						
171.7	172.2	06939	.5	.4	4K0	4.47	.15	.50	.53	23.00		1.10	4	34	38						
172.2	173.9	06940	1.7	1.4	4D*8	3.65	.07	2.80	2.90	39.00		.89	2	16	19						
173.9	175.7	06941	1.8	1.6	4D*8	3.94	.05	4.80	4.10	55.00		.89	4	19	23						
175.7	177.9	06942	2.2	2.0	4E86	4.38	.30	2.50	2.90	44.00		1.10	6	27	34						
177.9	179.8	06943	1.9	1.9	4D0	3.89	.34	2.90	3.20	41.00		.89	7	18	25						
179.8	181.4	06944	1.6	1.6	4D0	3.94	.22	3.00	2.80	41.00		.85	6	21	27						
181.4	182.9	06945	1.5	1.5	4LE	3.45	.13	3.00	2.10	38.00		.48	3	14	17						
182.9	184.0	06946	1.1	1.0	4LE	3.85	.14	2.50	2.10	42.00		.69	4	22	27						
184.0	184.8	06947	.8	.8	4A0	2.99	.08	.54	1.03	20.00		1.03	1	6	7						
184.8	185.9	06948	1.1	1.1	4GEL	3.71	.26	8.70	17.90	177.00	36.00	1.30	4	21	26						
WEIGHTED AVERAGE																					
19.9	30.5		10.6	6.2		4.51	.23	4.94	3.62	73.79		1.39	4	28	32						
67.1	71.2		4.1	2.9		4.15	.14	5.53	8.37	103.68	24.39	.77	2	22	25						
108.2	127.7		19.5	14.2		4.10	.35	3.37	4.95	64.04	2.76	1.68	2	24	26						
171.7	185.9		14.2	13.3		3.85	.18	3.28	3.90	51.47	2.78	.91	4	20	25						

DDH: FAGU015 UTM-N: 904,908.7 UTM-E: 592,226.9 UTM-ELEV: 1,155.6 TOTAL DEPTH: 185.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	150.000	44.000
91.400	158.000	43.000
182.900	164.000	65.000

DDH: FAGU015 UTM-N: 904,908.7 UTM-E: 592,226.9 UTM-ELEV: 1,155.6 TOTAL DEPTH: 185.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.2	0001	5D4@		0.5-	1
6.1	0002	5B6		0.5-	1
12.2	0003	4L7	&9 MINOR	0.5-	1
15.4	0004	5B16		0.5-	1
16.8	0005	4L24		0.5-	1
18.1	0006	5B6		0.5-	1
19.9	0007	4LC	&1 MINOR	0.5-	1
26.7	0008	4E0	&4 &8 -> (4G4) 95:05	0.5-	1
27.6	0009	4G4#	(4E8)	0.5-	1
28.1	0010	4E48	&1 &* [4G48]	0.5-	1
29.1	0011	4G4	(4E1#) (4E4) [4G4]	0.5-	1
30.5	0012	4L7	491	0.5-	1
32.7	0013	5BC	(5B2) T.O.I.	0.5-	1
34.4	0014	5D3	-> 5B7 AT E.O.I.	0.5-	1
42.8	0015	5B80	(5D0) MINOR	0.5-	1
46.8	0016	5B6$		0.5-	1
65.5	0017	5B6$	&2 (5B62$) 80:20	0.5-	1
67.1	0018	4A0		0.5-	1
67.9	0019	4D4	(4D45) AT T.O.I.	0.5-	1
68.6	0020	4L52	[5D4*] IN PART	0.5-	1
70.4	0021	4G4		0.5-	1
71.2	0022	4D4		0.5-	1
84.5	0023	5B6	&$ &2	0.5-	1
87.5	0024	5B6	&$ &2 (5D4$) 70:30	0.5-	1
96.2	0025	5B6$	&2 (5B62$) 50:50 END DARKER	0.5-	1
101.5	0026	4A10	(4E0)	0.5-	1
102.1	0027	5B62		0.5-	1
102.6	0028	4A10		0.5-	1
103.2	0029	5B62		0.5-	1
104.3	0030	4A1C		0.5-	1
108.2	0031	5B6$		0.5-	1
112.8	0032	4D43		0.5-	1
114.0	0033	4E1	[4C3] BORDERLINE	0.5-	1
114.9	0034	4D4		0.5-	1
116.9	0035	4E1	(4C0) MINOR [4C3] BORDERLINE	0.5-	1
120.0	0036	4D4	&8 MINOR	0.5-	1
121.2	0037	4D53	&4 &9 MINOR	0.5-	1
127.7	0038	4D0	(4C0)	0.5-	1
143.7	0039	5B6$	&2 (5B4*) 95:05	0.5-	1
151.0	0040	5BC	&2 (5D0) 99:01	0.5-	1
161.0	0041	5B6$	0 &2	0.5-	1
167.7	0042	5A19	[-> 4A100]	0.5-	1
168.0	0043	4L2	&4 (10Q$)	0.5-	1
171.8	0044	5A19		0.5-	1
172.2	0045	4K0	&7 MINOR	0.5-	1
175.7	0046	4D*8	&4 (4E4) MINOR	0.5-	1
177.9	0047	4E86	(4G*) AT E.O.I.	0.5-	1
181.4	0048	4D0	&4 -> 4D#&8 LOCALLY	0.5-	1
184.0	0049	4LC	(4E8)	0.5-	1
184.8	0050	4A0	[4A PHYLLITIC]	0.5-	1
185.9	0051	4C*	(4E8) (4G4) (4L0) 25:25:25:25	0.5-	1

DDH: FAGU015 UTM-N: 904,9CE.7 UTM-E: 592,226.9 UTM-ELEV: 1,155.6 TOTAL DEPTH: 185.9 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	PRCCESS
FAGUC15	0.C	3.8	PS2		C	0	0	C	65	230	0	1	1	1
FAGU015	0.C	8.3	PS2		C	0	0	0	62	23C	C	1	1	1
FAGU015	0.C	13.6	PS2		C	0	0	C	70	23C	C	1	1	1
FAGU015	0.C	18.6	PS2		0	0	0	C	80	230	C	1	1	1
FAGUC15	0.1	3C.5	PS2	P	0	0	0	0	0	0	C	1	1	1
FAGU015	0.C	3C.6	CS2		C	0	0	C	60	230	0	1	1	1
FAGU015	0.C	35.0	CS2		C	0	0	C	66	23C	C	1	1	1
FAGU015	0.C	4C.0	CS2		C	0	0	0	62	23C	C	1	1	1
FAGU015	0.C	45.0	CS2		0	0	0	0	61	23C	0	1	1	1
FAGUC15	30.5	47.2	CS2	Z	C	0	0	C	0	0	0	1	1	1
FAGUC15	0.C	5C.0	CS2		0	0	0	C	70	230	C	1	1	1
FAGU015	0.C	55.3	CS2		0	0	0	0	55	230	C	1	1	1
FAGU015	0.C	6C.0	CS2		0	0	0	C	52	230	C	1	1	1
FAGU015	0.0	65.2	CS2		C	0	0	0	60	230	0	1	1	1
FAGU015	47.2	65.5	CS2	S	0	0	0	C	0	0	C	1	1	1
FAGUC15	65.5	71.2	PS2	P	0	0	0	C	0	0	0	1	1	1
FAGU015	0.0	71.9	CS2		0	0	0	C	61	230	0	1	1	1
FAGU015	0.C	76.8	CS2		0	0	0	C	60	230	0	1	1	1
FAGU015	0.C	81.2	CS2		0	0	0	0	70	230	0	1	1	1
FAGU015	0.0	86.7	CS2		0	0	0	C	70	230	0	1	1	1
FAGU015	0.0	92.0	CS2		0	0	0	0	72	230	C	1	1	1
FAGU015	0.0	95.6	CS2		0	0	0	0	62	230	0	1	1	1
FAGUC15	71.2	97.5	CS2	M	0	0	0	C	0	0	0	1	1	1
FAGU015	0.0	105.0	PS2		C	0	0	0	75	230	C	1	1	1
FAGU015	97.5	127.7	PS2	P	0	0	0	C	0	0	0	1	1	1
FAGU015	0.0	129.5	CS2		0	0	0	0	52	230	0	1	1	1
FAGU015	0.C	134.1	CS2		0	0	0	0	59	23C	C	1	1	1
FAGU015	0.C	14C.4	CS2		0	0	0	0	65	230	C	1	1	1
FAGU015	0.0	145.1	CS2		0	0	0	0	70	230	0	1	1	1
FAGU015	0.0	150.0	CS2		0	0	0	0	65	230	0	1	1	1
FAGU015	0.C	155.2	CS2		0	0	0	C	65	230	C	1	1	1
FAGU015	127.7	158.6	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGU015	0.0	16C.0	PS2		0	0	0	0	69	230	0	1	1	1
FAGU015	0.0	166.0	PS2		C	C	0	C	71	230	0	1	1	1
FAGU015	0.0	170.5	PS2		0	0	0	0	75	230	C	1	1	1
FAGU015	0.0	184.2	PS2		C	0	0	0	65	230	C	1	1	1
FAGU015	158.6	185.9	PS2	P	0	0	0	C	0	0	0	1	1	1

DDH: FAGU015 UTM-N: 904,908.7 UTM-E: 592,226.9 UTM-ELEV: 1,155.6 TOTAL DEPTH: 185.9 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
FAGU015	1.2	6.1	B	3		0	0	C	C	0	0	1
FAGU015	12.2	15.4	VGJ			0	0	C	C	0	0	1
FAGU015	19.9	22.9	R			0	0	C	C	0	0	1
FAGU015	0.0	24.0	R			0	0	C	C	0	0	1
FAGU015	19.9	24.4	P			0	0	C	C	0	0	1
FAGU015	65.5	67.1	N			0	0	C	C	0	0	1
FAGU015	96.0	97.5	B	1		0	0	C	C	0	0	1
FAGU015	106.7	108.2	B	2		0	0	C	C	0	0	1
FAGU015	0.0	120.0	R			0	0	C	C	0	0	1
FAGU015	121.8	122.1	R			0	0	C	C	0	0	1
FAGU015	0.0	122.5	R			0	0	C	C	0	0	1
FAGU015	128.0	129.5	R	0		0	0	C	C	0	0	1
FAGU015	175.7	177.9	1R			0	0	C	C	0	0	1
FAGU015	181.6	181.9	R			C	0	0	0	0	0	1

DDH: FAGU015 UTM-N: 904,908.7 UTM-E: 592,226.9 UTM-ELEV: 1,155.6 TOTAL DEPTH: 185.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU015	1	2
FAGU015	2	2
FAGU015	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U 15

Project: Grum Relog

Location: Vangorda Plateau

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 6904908.67 N

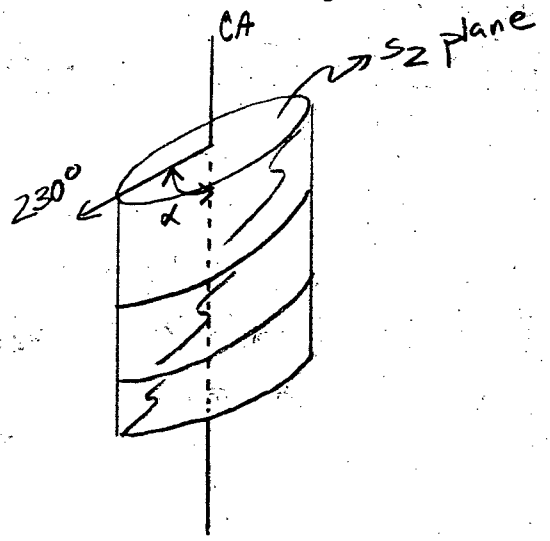
conversion of K-A survey grid coords 592226.945 E

Grid Co-ords.: 74W/0N

Elevation: 1155.58

Total Depth: 185.9 m

Fabric Orientation Diagram:



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

Purpose:

Re Logged by: JSM Date(s) Logged: August 11-12 1980

Drilling Contractor:

Core:	Size	From	To	Collar Cased and Capped:
	BQ	0	185.9	

Started: 1/12/76 Completed: 1/16/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U015

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U015	1155.6	9049081.7	592226.9	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U015	0.0	150.0	44.0	AT COLLAR
R	76-U015	911.4	158.0	43.0	SPERRY SUN
R	76-U015	1821.9	164.0	165.0	
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 76-404.5 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	000	12	1	4L5	no sfds, $FeCO_3^=$ 1981: (possibly 5D4*)
L	12	61	2	5B10	$FeCO_3^=$, only 1.8 m. recovery
L	61	122	3	4L7	minor base metals near TOI & v. minor late cpy
L	122	154	4	5B16	w/ irregular clayey-carbonate fracture fillings
L	154	168	5	4L24	center of interval has ~65% sfd: py, sph, gn
L	168	181	6	5B16	
L	181	199	7	4L0	w/ minor siliceous bands
L	199	267	8	4E0	base metals concentrated in bands (4E4) 3-8% PbZn Rubble to 22.9 +@ 24.0; Poor recov to 24.4
					→(4G4) 24.4 -24.6; ±8 Streaks+blebs of mgt esp.@ 26.1
L	267	276	9	4G4	10% $BaSO_4$ 11% PbZn honey sph + gn; 2% mgt; calcareous
L	276	281	10	4G4	8 I'm not sure that there is $BaSO_4$; ~4%(?) mgt;
					Prominent banding of base metals, mgt + py. 1981 check: [4E48 ±1 ±
L	281	291	11	4G4	10-15% $BaSO_4$ calcareous (4E1*) (4E4)
L	291	305	12	4L7	491 patches+bands of qtz + of white mica phyllite,
					~6% PbZn red sph + gn; po concentrated in one band
					in center of interval; minor cpy
L	305	327	13	5B10	5B2 @ TOI
L	327	344	14	5D3	strongly calc; laminarly banded; weathering (of $FeCO_3^=$?)
					has stained core orange but this is not "5D4
					massive buff-orange" because there is no white mica,
					+ orange stain disappears w/ acid.
					gradational (5B7 ?) lower boundary
L	344	428	15	5B18	strongly calc, w/ two minor interbds of 5D
L	428	466	16	5B10	
L	466	564	17	5B12	variably to non calcareous
L	564	655	18	5A10	
L	655	671	19	4A0	2-3% PbZn whole core sampled
L	671	679	20	4D4	10% PbZn banded (4D45 @ TOI)
L	679	686	21	4L52	This is something I've never seen before. EOI ≅ 5D4
					mottled altered to maripositе but the majority
					of the interval is strongly calc, thinly banded
					by thin stringers of sfds, also disseminated sfds,
					gangue is white (possibly baritic) to Fe-stained
L	686	704	22	4G4	16% PbZn ~10% $BaSO_4$
L	704	712	23	4D4	~50% white qtz patches 15-18% PbZn
					minor cpy + v. minor graphite

See revision

DDH 76-405 (2 8) **Cyprus Anvil Mining Corp.** Page 4 of 7

Lithologic Log Logged By: JSM

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1712	1846	24	5B2	61
L	1846	1875	25	5B2	6 w/ ~20% interbds of gray-green SD
L	1875	1914	26	5B2	6
L	1914	1975	27	5A0	slightly calc below 94.5; 96.0-97.5 0.2m broken rec'v.
L	1975	2043	28	4A0	w/ HE to 98.9; bxiation + crackle bxia 97.5-100.8, 5A interbds (101.5-102, 103.6-10
L	2043	2082	29	5B2	$CO_3^=$ veining; 106.7-108.2: 0.3/1.5 m rec'vd and → fo no
					no core remaining now, sampled?
L	2082	2128	30	4DH	20% PbZn ~60% sfds qtzite in patches + bands
L	2128	2140	31	4C0	2-3% PbZn, ~70% sfds mostly py → 4E1
L	2140	2149	32	4D4	12% PbZn 50% qtzite → both border ir 4C0-4E
L	2149	2169	33	4E1	assays say 6% PbZn but it looks like <5%
					minor CPy minor 4C0 (50% qtz)
L	2169	2200	34	4D4	irregularly spaced bands of base metals; ~40% qtz bands
					5-11% PbZn minor mgt
L	2200	2212	35	4D5	±4. Rubble@top; graphite is very minor ~40% sfd
					55% qtz 5% graphite 8% PbZn, minor CPy
L	2212	2277	36	4D0	(4C0) mostly ~5% PbZn w/ concentration (→ 15%
					PbZn) @ 125m. Rubble 121.8-122.1, 122.5. $CO_3^=$ veining @ 126.5
L	2277	2310	37	5B2	strongly calc (128.0-129.5 Rubble 0.1/1.5 recvd)
L	2310	2315	38	4L0	
L	2315	2317	39	4A0	w/ 25-30% interbds of 5B6 + 4L0. Low grade; minimal sfds 4A is mostly phyllitic
L	2317	2322	40	4K0	massive py w/ bxia-like $CO_3^=$ clasts; minor po
L	2322	2357	41	4D*	8' ±4; $CO_3^=$ is partly calcite, w/ ~25% 4L, minor 4E4
					4L interbds tend to be rubbled 172.4, 173.5, minor porousore
L	2357	2379	42	4E8	(6?) (4G* @ EOI) → locally calcareous 4D*, minor local magnetite
L	2379	2411	43	4D0	±4 inhomogenous like unit 41, 4L partings 5%-6% PbZn
L	2411	2440	44	4E*	alternating 4L0 + 4E8 5-6% PbZn 4L0 (4E8)
L	2440	2488	45	4A0	only ~5-10% sfd (py) <1% PbZn +3GZ finely interbanded
L	2488	2599	46	4E2	4-5% PbZn ~~4E8 w/ 4L partings grading down~~
					~~ward to 4LC~~ 4C*, 4E8, 4G4, 4L0 all about equal
		EOH			down interval →
					Lower sfd horizon is not easily classified by lith. code, buggered-up + inhomogenous.
					Rubble 181.6-181.9

DDH FAGU015 (2 – 8) **Cyprus Anvil Mining Corp.** Page 1 of 2

Lithologic Log Date: 28 Aug 82 Checked Logged By: DSJ/GAJ

Code	From	To	Recov.	No.	Unit	Description
	10 – 14	16 – 20	22 – 24	26 – 28	30 – 34	35
L		440			SB80	(SDO) intact, normal upper 2/3 greener lower 1/3 distinctly grey
L	440	468			SB6X	dol. crackle bxta. qtz dolo calc healing in upper ½ and lower ½ of
L	468	655			SB6G*	dol ±2 (SBG2*) 80:20
L	712 655	845			SB6±	* ±2 v. weakly dolomitic – w. S2 carb. foliat upper >m is qtz dolo crackle bxtd.
L	845	87			SB6±	* ±2 (SD*dol) 70:30 pelitic rx one as above – SD is weakly banded not well bedded not laminated – SD contacts sharp ± 11 S2 85.5 – 85.9 = SD with weakly bleached contacts but must don't have them.
L	87	962			SB6*	dol ±2 (SBG2*dol) 50:50 as above units lower ½ interval is med dk grey to black
L	962	1015			4A1P	(4EO) unit has normal ex test – tends to be a little lite, Tot S = 25% py dominant in local (≈0.2 m) which could be incip bxtd 40S mineralized dwall rx – 4E bands 0.1 – 0.2 m with excellent ductile flow bxn at 98.7 – 98.8, 96.3 – 96.5
L	1015	1021			SB62	
L	1021	1026			4A10	as above.
L	1026	1034			SB62	
L	1032	1043			4A10	as above.
L	1043	1067			SB6*	dol. PS2 Foliated heavily carbonated med grey
→ L	1067	1277			#	S-Fibes – no core.
L	1277	1437			SB6*	dol ±2 dolo v. well developed. (SD4*) 95:5
L	1437	1510			SB0	±2 normal good qtz calc lithon struct throughout – strongly calcitic – good CO (SDO) 99:1 (0Q*) tr
L	1510	1610			SB6*	0 ±2 mixed CO_3 = ½ – good lithons – similar to above but w. dolo.

S.S – 71.2 missing core = Sulphides

DDH FAGU015 (2 / 8) Cyprus Anvil Mining Corp. Page 2 of 2

Lithologic Log Date: 28 Aug 82 Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1610	1677			SA19	9=py in v. fine qtz lamina generally ll to PS_2 foln. - unit v. siliceous struggling to make 4@1 but not close tot S = <1%
L	1677	1680			4L2	±4 (00* del) PS_2 fold. - intrusive as above. V. siliceous. - minor bleaching on top 0.3m interval
L	1680	1718			SA19	
						56.4 - 57.9 - 1.0m core loss recovery is ground core and rubble.
						64.6 - 65.5 = minor core loss - rubbly core in top ½ of - core 4C5

DDH 76-U015 (2 8) Cyprus Anvil Mining Corp. Page 5 of 7

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		138	P S 2			615 2310	P region 0-19.9
S		183	P S 2			612 230	
S		136	P S 2			710 2310	
S		186	P S 2			810 230	
S		199	F 2	P			R region 19.9-30.5
S		305	F 2	R			Z region 30.5-47.2
S		306	C S 2			610 230	very well defined Z region
S		350	C S 2			616 230	boundary btwn Z+S region below
S		410	C S 2			612 230	is ~6 meters w/ no point observ.
S		450	C S 2			611 230	
S		472	F 2	3			S region 47.2-65.5,
S		500	C S 2			710 2310	not as well defined as the Z region
S		553	C S 2			515 230	& minor (15%) Z included
S		600	C S 2			512 230	
S		652	C S 2			610 230	
6		655	F 2	S			R region 65.5-71.2
S		712	F 2	R			M region 71.2-97.5
S		719	C S 2			611 230	~50:50 S, Z
S		768	C S 2			610 230	
S		812	C S 2			710 230	
S		867	C S 2			710 230	
S		920	C S 2			712 230	
S		956	C S 2			612 2310	
S		975	F 2	M			R region 97.5-127.7
S		1050	P S 2			715 2310	
S		1277	F 2	R			S region 127.7-158.6
S		1295	C S 2			512 2310	~30% Z perhaps this should
S		1341	C S 2			519 2310	be called an M region
S		1404	C S 2			615 2310	
S		1451	C S 2			710 2310	
S		1500	C S 2			615 2310	
S		1552	C S 2			615 2310	P region 158.6-171.7
S		1586	F 2	S			
S		1600	B S 2			619 2310	@ 162.3 30°/50° bxia-vug fracture
S		1660	P S 2			711 2310	
S		1705	P S 2			715 2310	

DDH 76-140.5 (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		1717	FZ	P			R region 171.7 – 185.9
S		1814	PSZ			65 230	
S		1859	FZ	R			EOH

DDH 76-404.5 (2 8)

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

Logged By: JSM

Sampled By: KA

Code	From	To	Sample No.	Description	Length	Recovery	Unit
1	10 14	16 20	22 27				
P	1198	1213	112778	KA	1.5	0.8	4EO
P	1213	1229	112779	KA	1.6	0.4	4EO
P	1229	1244	112780	KA	1.5	0.7	4EO
P	1244	1259	112781	KA	1.5	1.3	4EO
P	1259	1274	112782	KA	1.5	1.5	4EO, 4G4
P	1274	1291	112783	KA	1.7	1.7	4G4(8)
P	1291	1305	112784	KA	1.4	1.1	4L7491
P	655	670	116288	KA	1.5	—	4AO
P	1670	1686	112785	KA	1.6	1.6	4D4 4L52
P	1686	1701	112786	KA	1.5	1.5	4G4
P	1701	1713	112787	KA	1.2	1.2	4D4
P	1067	1082	116289	KA	1.5	0.3	*5B2?
P	1082	1097	112788	KA	1.5	0.9	4D4
P	1097	1113	112789	KA	1.6	0.7	4D4
P	1113	1128	112790	KA	1.5	0.5	4D4
P	1128	1139	112791	KA	1.1	1.1	4CO
P	1139	1150	112792	KA	1.1	1.0	4CO, 4D4
P	1150	1161	112793	KA	1.1	1.1	4CO
P	1161	1173	112794	KA	1.2	1.2	4CO, 4D4
P	1173	1185	112795	KA	1.2	1.2	4D4
P	1185	1199	112796	KA	1.4	1.4	4D4
P	1199	1213	112797	KA	1.4	1.0	4DA
P	1213	1228	112798	KA	1.5	1.3	4DO
P	1228	1242	112799	KA	1.4	1.1	4DO
P	1242	1255	113100	KA	1.3	1.3	4DO
P	1255	1266	113011	KA	1.1	1.0	4DO
P	1266	1276	113012	KA	1.0	1.0	4DO
P	1718	1729	113013	KA	1.1	1.0	4KO, 4DO
P	1729	1745	113014	KA	1.4	1.3	4DO
P	1745	1757	113015	KA	1.2	1.2	4DO
P	1757	1773	113016	KA	1.6	1.4	4E8(6?)
P	1773	1786	113017	KA	1.3	1.3	4E8(6?), 4DO
P	1786	1795	113018	KA	0.9	0.8	4DO
P	1795	1810	113019	KA	1.5	1.4	4DO
P	1810	1824	113110	KA	1.4	1.4	4E8/4LO
P	1824	1838	113111	KA	1.4	1.4	"
P	1838	1848	113112	KA	1.0	1.0	" ,4AO
P	1848	1859	113113	KA	1.1	0.9	4C8/4LC

Logged in 1980 - checked + sampled 1981

DDH FAGM015 Cyprus Anvil Mining Corp

Page ____ of ____

Logged by JSM checked JSM 1981

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	
A	199	214	69119	145	13	1E01	(4E4) Poor Rec'vy	8
A	214	216	69210	123	19	4E01	(4E4) (4G4)	8
A	216	276	69211	109	107	4G41*	(4E8)	9
A	217	281	69212	105	104	4E48	±1 ±*	10
A	218	291	69213	110	109	4G41	(4E1*) (4E4)	11
A	219	305	69214	114	110	4L74	9/	12
							65.5-67.1 4A0? whole core sampled	
A	617	679	69215	108	109	4D41	(4D45)	20
A	679	686	69216	07	07	4L52		21
A	686	704	69217	108	120	4G41		22
A	704	712	69218	108	106	4D41		23
							unit 28 not sampled due to nil sfds	
A	1018	1112	69219	146	117	4D41	Note poor rec'vy	30
A	1112	1140	69310	112	112	4C10	(4E1	31
A	1140	1149	69311	109	106	4D41		32
A	1149	1169	69312	120	118	4E11	(4C0)	33
A	1169	1183	69313	114	113	4D41		34
A	1183	1200	69314	117	114	4D41		34
A	1200	1212	69315	112	112	4D15	±4	35
A	1212	1236	69316	124	116	4D01	(4C0)	36
A	1236	1259	69317	123	118	4D10	(4C0)	36
A	1259	1277	69318	118	116	4D10	(4C0)	36
							unit 39 not sampled due to nil sfds	
A	1717	1722	69319	105	104	4K01		40
A	1722	1739	69140	117	114	4D*18	±4 (4L) (4E4)	41
A	1739	1757	69141	118	116	4D*18	±4 (4L) (4E4)	41
A	1757	1779	69142	122	120	4E81	6? 4G* @EOI	42
A	1779	1798	69143	119	119	4D01	±4 (4L) (4D*)	43
A	1798	1814	69144	116	116	4D01	±4 (4L) (4D*) ±8	43
A	1814	1829	69145	115	115	4LE1		44
A	1829	1840	69146	111	110	4L4E		44
A	1840	1848	69147	108	109	4A01	+342	45
A	1848	1859	69148	111	111	4C4L	(4C*, 4E8, 4G4, 4L0)	46

DDH EA6U015 (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	
FA	12	61	B	3				
FA	122	154	V,GJ					
FA	199	229	R					
FA		240	R					
FA	199	244	P					
FA	165	167	N					
FA	960	975	B	1				
FA	1016	1082	B	2				
FA		1200	R					
FA	1218	1221	R					
FA		1225	R					
FA	1280	1295	R	0				
FA	1757	1779	1,R					
FA	1816	1819	R					

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

Typed-up.

DIAMOND DRILL RECORD

LOGGED BY GLENN TETU Jan 17/76

PROPERTY GRUM JOINT VENTURE - UNDER GROUND

D.D.H. No. ~~U-15~~ 76-015 PAGE 1/15

	Line Grid	Collar*	91.4m	182.9m
LATITUDE 10704.15 N	BEARING OF HOLE	44°	42°20'	65°20'
DEPARTURE 7531.34 E ?	DIP OF HOLE	-60		
ELEVATION 1166.7 M	DIP TESTS		-68°	-74°

STARTED Jan 12/76

COMPLETED Jan 16/76

Proposed: Ultimate: 185.9

* Layout Brg+Dip.

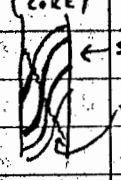
CLAIM No.

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
0	2.8	Quartz Sulphides ± Graphite ± Sericite core broken, ground, av. 2cm diametre, sulph. bands 75°, py 15, Pb Zn 6% (?)	0.2 / 2.8		0	2.8									
2.8	3.9	Bleached Quartz Sericite Phyllite pale yellow-green, locally friable and clayish (Kaoline?), well foliated F_2 75° parting along F_2 common (av. 3cm wide), qtz veins (av. 1cm) @ 75° common,	0.7 / 1.1		2.8	3.9									
		2.8-3.0 Quartz Sericite, pale grey slight bleaching													
3.9	6.1	Quartz Sericite Phyllite dark grey-black, well foliated F_2 80°, locally tension fract @ 5°, shear zone (4.8-4.9), parting along F_2 common (av. 2cm wide)	1.7 / 2.2		3.9	6.1									
6.1	11.5	Bleached Quartz Sericite with Sulphides pale yellow green, sulfides as bands (av. 1cm) with py-po ± gal ± sph ± cpy, sulfides-10%,	4.6 / 5.4		6.1	11.5			Trace	Nil	Est.				

LOGGED BY _____ D.D.H. NO. 015 PAGE 3/15

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
		well fol. 80°, rare qtz-veins @ 80° (1 cm wide), rock competent, minor shear zones (av. 3cm wide) @ 7.2, 9.8, 10.1													
		10.5-11.5 as above, broken and fractured	0.4/1.0		10.5	11.5									
11.5	12.2	Banded Massive Sulfides strongly broken and fractured, bands @ 40° but variable, minor sericite present, py>30, mag≈1%, Pb:Zn·10	0.2*/0.7		11.5	12.2			10 ppm	Guesstimated.					
12.2	15.5	Quartz-Sericite Phyllite dark grey-black, well foliated 70° locally tension fractures @ 35°, rock generally competent, step folds (13.0-13.1) (13.5-13.6), details below	2.7/3.3 (CORE)		12.2	15.5									
		12.2-12.4 as above, sheared	0.1/0.2		12.2	12.4									
		14.8-15.2 as above, shear zone	0.1/0.4		14.8	15.2									
15.5	16.7	Bleached Quartz Sericite with sulfides pale yellow green, upper and lower contacts gradational/ details below	1.2/1.2												
		15.5-16.0 · Bleached quart-sericite, well foliated @ 50° sheared in part													



LOGGED BY _____ D.D.H. NO. 115 PAGE 3/15

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		16.0-16.3 Banded massive sulfide bands @ 50°, py 40, mag 2, ZnPb 6 minor bleach serc. and qtz ♦present. first contact @ 40°													
		16.3-16.7 bleach qtz. serc. phyllite well foliated @ 80°, sheared in part													
16.7	18.3	Quart · Sericite Phyllite dark grey, well foliated @ 75°, fissile in part	1.2 / 1.6		16.7	18.3									
18.3	19.8	Bleached · Quartz Sericite Phyllite well foliated @ 70°, competent, minor fractures @ 10°, lower contact marked by broken zone 10cm wide, shear zone (18.6-18.7)	1.2 / 1.5		18.3	19.8									
19.8	30.5	Massive Sulfide Zone banding @ 70°, fractures @ 20°, 40°, 70° details below													
		19.8-21.3 as above Py 60, mag 2, PbZn 10 broken and fractured, quartz vein (19.9-20.1)	0.8 / 1.5	1278	19.8	21.3	1.5	3.35	1.82	1.58			5.025	2.73	2.295
		21.3-22.9 as above Py 75, PbZn 3	0.4 / 1.6	1279	~~21.3~~	22.9	1.6	2.55	0.53	1.15			4.08	0.848	1.84
		22.9-24.4 as above Py 60, mag 3, PbZn 6	0.7 / 1.5	1280	~~22.9~~	24.4	1.5	5.35	3.00	2.24			8.025	4.50	3.36

LOGGED BY _____ D.D.H. NO. V 85 PAGE 4/15

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	
		bleach sericite - (26.6-26.7)	1.3													
~~23.4~~	~~24.9~~	24.4-25.9 as above competent Py 70, Pb Zn 3	1.5	1281	24.4	25.9	1.5	1.85	1.63	1.41			2.775	2.295	2.115	P
		25.9-27.4 as above 10% barite Py 50, mag 2, Pb Zn 12	1.5	1282	~~25.9~~	27.4	1.5	6.07	5.53	2.41			9.105	8.295	8.615	
		27.4-29.1 as above 15% barite, Py 40, mag 2, Pb Zn 10	1.7	1283	~~27.4~~	29.1	1.7	8.57	5.67	3.15			14.569	9.639	5.355	
		fold nose @ 28.6 axis @ ≈ 90°														
		29.1-30.5 as above Py 20, po 4, Pb Zn 18	1.1	1284	~~29.1~~	30.5	1.4	3.40	3.25	1.82	(45.3)		4.76	4.55	1.848	P
		bleach sericite common throughout		WT. AV	19.8	25.9	6.1	3.26	1.70	1.575	(54.0)		19.905	10.373	9.610	✓
		second contact quartz vein 4cm wide		" "	25.9	29.1	3.2	7.40	5.60	2.803	(96.1)		23.674	17.934	8.970	✓
30.5	32.7	Quartz Sericite Phyllite	1.5		30.5	32.7										
		dark grey black, well foliated 70°, fissile	2.2													
		broken and incompetent, shear zone 32.4-32.6														
32.7	46.9	Calcite Chlorite ± Sericite Phyllite	14.0		32.7	46.9										
		dull blue green, well foliated F_2 - 70°,	14.2													
		competent locally fractures @ 30°, F_1														
		common @ 60°, calcite 35% ± 5%														
		details below														
		~~32.7~~ 33.3 - 34.5 Calcite Chlorite Phyllite, F_1														
		fold nose @ ~~32.6~~ 33.3 axis - 75°														
		34.5-36.3 Calcite Chlorite Sericite Phyllite														
		dark green														
		36.3-42.7 Calcite Chlorite Phyllite, shear														
		zone (~~38.6-38.7~~ 37.8-37.9), second contact														
		quartz vein @ 70° 1cm wide														

LOGGED BY _____ D.D.H. NO. 015 PAGE 5/15

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		42.7-46.9 Calcite Chlorite Sericite Phyllite dark grey-green, shear zone @ (44.2-44.4), tension fractures qtz-calc. fill @ 30° very common (~~45.3~~ 43.8 - 46.9 - ~~48.4~~)													
46.9	49.6	Quartz Sericite Phyllite dark grey, competent, mod. foliation 70° but contorted due to tension fractures @ 30°, first contact @ 40° marked by quartz vein 1cm wide, second contact sharp @ 90°	2.5 / 2.7		46.9	49.6									
49.6	51.8	Graphite ± Sericite Phyllite black, well foliated @ 80°, F_1 foldnose @ 49.9 axis @ 90°, 50.7-50.9 very fissile and broken	1.9 / 2.2		49.6	51.8									
51.8	56.3	Quartz Sericite Phyllite well foliated F_2 - 65°, light grey, generally competent, 53.4-53.7 broke with fractures @ 0°, F_1 locally present @ 0°, second contact gradational	4.7 / 4.5		51.8	56.3									
56.3	65.4	Graphite Sericite Phyllite grey black, well foliated @ 60° (F_2), broken incompetent, 64.9-65.0 massive	7.3 / 9.1		56.3	65.4									

LOGGED BY _____ D.D.H. NO. 115 PAGE 6/15

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	
		pyrite fragments (av. 2cm diametre), F, common @ 0°.														
65.4	67.0	Graphite Sericite Phyllite with Sulfides black, mod. foliation 70° (variable and contorted)	1.5/1.6		65.4	67.0										
					65.4	65.5		0.2	PE Est.							
		F, av. 10°, sulfides as bands av. 0.5cm py ± sph ± gal.		01628		67.0	1.5	1.15	1.20	0.56	(9.20)		1.725	1.80	0.84	
67.0	71.3	Massive Sulfide Zone bands @ 65°, competent, minor fractures @ 30°, 0°, details below														
		67.0-68.6 as above Py 25 Pb Zn 6	1.6/1.6	1285	67.0	68.6	1.6	4.13	5.30	2.03		0.3 oz	1.239 / 6.608	1.59 / 8.48	0.609 / 3.248	P.
		(67.4-68.1) - Fuchsite alt. zone, mod. foliation 0-70° defined in part by qtz-sulfide bands, first contact 30°, second contact 60°														
		68.6-70.1 as above Py 50, Pb Zn 14 barite 15%, fold nose @ 70.0 axis @ 80°	1.5/1.5	1286	~~68.6~~	70.1	1.5	7.28	9.22	4.08			10.92	13.83	6.045	
		70.1-71.3 as above, Py 50, Pb Zn 8 lower contact @ 15°	1.2/1.2	1287	~~70.1~~	71.3	1.2	7.59	11.81	3.82			9.108	14.172	4.584	
71.3	97.5	Quartz-Sericite Graphite Phyllite		wt. Au.	68.3	71.3	3.0	7.09	9.86	3.746	(128.4)		21.267	29.592	11.238	P
		dark grey, well foliated F_2 - 80 (variable)		" P	67.0	71.3	4.3	6.19	8.48	3.227	(110.6)		26.636	36.482	13.877	P
		rare fractures @ 30°, 0°; F, locally		"	65.5	71.3	5.8	4.89	6.60	2.54	(87.)		28.361	38.282	14.717	

LOGGED BY _____ D.D.H. NO. 15 PAGE 7/15

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
		present @ 5°, rare fold noses axis 70°; details below													
		71.3-77.7 as above, tension fract. with quartz-carb fill very common @ 30°, F_2 strongly contorted fold nose present @ 74.1, 75.6, 76.5, 77.1	6.3/6.4		71.3	77.7									
		77.7-85.5 as above, well foliated F_2-80° fractures @ 80° with tale, competent, shear zone 83.2-83.3	7.8/7.8		77.7	85.5									
		85.3-85.6 Bleach Sericite Phyllite pale green, well foliated @ 70°, competent	0.3/0.3		85.3	85.6									
		85.6-86.9 Sericite-Graphite Phyllite shear zone (86.2-86.3)	1.3/1.3		85.6	86.9									
		86.9-87.5 Bleached Sericite Phyllite pale green, competent, F_1 fold nose @ 87.4, non-bleached 87.1-87.3	0.6/0.6		86.9	87.5									
		87.5-89.6 Sericite Graphite Phyllite competent, locally fractures @ 0°	2.1/2.1		87.5	89.6									
		89.6-90.6 as above, fractures @ 0° 80° common	0.8/1.0		89.6	90.6									
		90.6-92.6 as above, broken and fractured incompetent graphite	1.0/2.0		90.6	92.6									

LOGGED BY _____ D.D.H. NO. 45 PAGE 8/15

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
		rich, F_1 foldnose (92.2) · axis 70°													
		92.6 - 93.1 as above, competent	0.5/0.5		92.6	93.1									
		93.1 - 93.7 as above, broken and fractured incompetent, graphite rich	0.2/0.6		93.1	93.7									
		93.7 - 95.5 as above, competent, local rare sulfide bands av. 2mm wide F_1 fold nose (94.7).	1.7/1.8		93.7	95.5									
		95.5 - 97.5 as above broken and fractured in part graphite rich, F_1 common @ 0°, 96.3 - 96.9(?) - bleached sericite	0.5/2.0		95.5	97.5									
97.5	104.3	Interbanded Sericite - Graphite Phyllite and Sulfides dark grey, fractures @ 30°, 0°, details below;													
		97.5 - 98.7 as above, bands av. 5cm wide, foliation F_2: 70°, sulfides py + po, sheared 98.0 - 98.1	0.8/1.2		97.5	98.7									
		98.7 - 101.7 as above, well foliated @ 60° but strongly contorted possible F_1; sulfide bands av. 1mm py ± sph ± ~~ch~~cpy; breccia 100.6 - 100.9, well healed, fragments to 1cm av. 2mm,	2.5/3.0		98.7	101.7									

LOGGED BY _____ D.D.H. NO. U15 PAGE 9/15

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
		consist mainly of qtz in sericite matrix.													
		101.3-102.1 Graphite Sericite Phyllite black, well folliated @ 30°, friable broken and fractured in part.	0.5/0.8		101.3	102.1									
		102.1-102.5 Interbanded Sericite Graphite Phyllite and sulfide, well foliated @ 60° competent	0.4/0.4		102.1	102.5									
		102.5-103.2 Sericite Graphite Phyllite well foliated @ 30°, friable, broken incompetent	0.5/0.7		102.5	103.2									
		103.2-104.3 Interbanded Phyllite and sulfide, well foliated @ 70°, competent.	1.0/1.0		103.2	104.3									
104.3	106.7	Quartz Sericite Phyllite well foliated @ 70°, rare tension fract. @ 0°, grey colour., broken zone 106.1-106.6.	2.0/2.4		104.3	106.7									
106.7	108.2	Graphite Sericite Phyllite grey black, incompetent, fractures @ 0°, core fractured and broken au. size 2cm.	0.3/1.5	U1629	106.7	108.2	1.5	0.78	1.48	0.32	(10.97)				
108.2	127.6	Massive Sulfide Zone													

LOGGED BY _____ D.D.H. NO. 115 PAGE 10/15

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	
		locally banded @ 60°, zone becomes progressively quartz rich near end, fractures @ 90°, 30°, 45°, 5° details below:														
		108.2-109.7 as above Py 25 Pb Zn 12	0.9	1288	108.2	109.7	1.5	5.65	7.05	2.65			8.475	10.575	3.975	
		109.7-111.3 as above Py 30 Pb Zn 14	0.7	1289	109.7	111.3	1.6	7.50	8.21	3.65			12.0	13.136	5.84	
		Fold nose (F_1) @ 100.0 axis @ 90°														
		111.3-112.8 as above, py 25, Pb Zn 18	0.5	1290	111.3	112.8	1.5	8.01	12.77	3.74			12.015	19.155	5.61	
		fractured and broken														
		112.8-113.9 as above, competent, Py 40, Pb Zn 4	1.1	1291	112.8	113.9	1.1	0.98	1.48	0.68		0	1.08	1.63	0.75	P
		113.9-115.0 as above, fractured., Py 30, Pb Zn 10	1.0	1292	113.9	115.0	1.1	4.90	7.25	2.18			5.39	7.975	2.398	
		qtz. vein 114.5-114.7														
		115.0-116.1 as above, competent, Py 60, Pb Zn 8	1.1	1293	115.0	116.1	1.1	3.23	3.60	1.44			3.553	3.96	1.584	
		116.1-117.3 as above, competent Py 60, Pb Zn 7	1.2	1294	116.1	117.3	1.2	2.28	2.90	1.32			2.736	3.48	1.584	
		117.3-118.5 as above, competent Py 65, Pb Zn 3	1.2	1295	117.3	118.5	1.2	.95	1.38	.62			1.14	1.656	0.744	P
		118.5-119.9 as above, competent, Py 40, mag.-tr, Pb Zn 14	1.4	1296	(117.8 118.5)	119.9	0.7 1.4	3.85	8.16	1.73			0.665 5.39	0.966 11.424	0.434 2.422	
		119.9-121.3 as above, qtz. rich, Py 25, Pb Zn 6														
		Fractured and broken with graphite (119.9-120.4)	1.0	1297	119.9	121.3	1.4	4.10	4.10	1.91			5.74	5.74	2.674	
		121.3-122.8 as above, fractured and broken Py 30, Pb Zn 2	1.8	1298	121.3	122.8	1.5	.45	.83	.44			0.625	1.245	0.66	P
		122.8-124.2 as above, Py 30, Pb Zn 2	1.1	1299	122.8	124.2	1.4	2.25	1.56	1.00			3.150	2.184	1.40	P
		fractured and broken (122.8-123.5)														
		124.2-125.5 as above, competent, Py 35, Pb Zn 10	1.3	1300	124.8	125.5	1.3	4.55	10.04	1.86			5.915	13.052	2.405	
		125.5-126.6 as above, competent Py 25, Pb Zn 3	1.0	1301	125.5	126.6	1.1	1.73	2.88	.94			1.903	3.168	1.034	

LOGGED BY _____ D.D.H. NO. 115 PAGE 11/15

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
		126.6-127.6 as above, competent, Py 25, PbZn 5	1.0 / ~~1.0~~	1302	126.6	127.6	40	1.48	4.80	.74			1.48	4.80	.74
127.6	128.0	Quartz Sericite Phyllite dark grey, well foliated @ 75°, fissile	0.3 / 0.4	~~1303~~	127.6	128.0									
		fault gouge 127.8-128.0													
128.0	129.5	Interbanded Sericite Phyllite and Massive Sulfides	0.1* / 1.5	~~1304~~	128.0	129.5		10	% Zn	Guesstimated		Use grade from 129.6 to 127.6			
		phyllite in part bleached, well fol. @ 80°,		WT Au	108.2	112.8	4.6	7.06	9.32	3.353	(114.9)		32.490	42.866	15.425
		core as fragments 2cm in diametre		"	113.9	117.3	3.4	3.43	4.53	1.637	(56.1)		11.679	15.415	5.566
				" "	116.5	121.3	2.8	3.97	6.13	1.82	(62.3)	—	11.13	17.164	5.096
		(sulfides - Py 10, PbZn 10)??		" "	124.2	127.6	3.4	2.73	6.16	1.229	(42.1)		9.298	21.020	4.179
				" "	124.2	129.5	5.3	2.73	6.18	1.229			14.469	32.754	6.514
				" "	113.9	129.5	15.6	2.71	4.51	1.28	(43.9)	→	42.243	70.418	19.98
				" "	118.5	124.2	5.7	2.62	3.61	1.26	(43.04)		14.955	20.523	7.156
				" "	117.8	121.3	3.5	3.37	5.18	1.58	(58.17)		11.795	18.130	5.530
129.5	143.7	Quartz Sericite Phyllite ± ~~Graphite~~		" "	112.	129.5	16.7	2.59	4.31	1.24	(42.5)		43.32	72.05	20.73
		dark grey, well foliated @ 75°, F_2 faces	1.9 / 3.1		129.5	132.6									
		commonly talcy, details below;	7.4 / 7.7		132.6	140.3									
		129.5 - 140.3 as above, broken and fractured most commonly parallel F_2, and 20°, fissile, incompetent locally sheared (129.7-130.0, 130.7-130.8, 134.1-134.3) quartz veins rare; 80°, av. 3cm wide (130.2, 138.6, 132.2), locally chlorite rich (134.9-135.4), F_1 structure not distinct locally evident @ 0°, rare tension fractures @ 0°.													
		140.3-143.7 as above, competent, F_1 common @ 0° locally fold noses (F_1)	3.4 / 3.4		140.3	143.7									

LOGGED BY _____ D.D.H. NO. 115 PAGE 12/15

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
		axis @ 90°													
143.7	151.1	Sericite Calcite Phyllite dull grey, well foliated @ 80°, competent minor fracturing @ 45, 0°; tension fractures @ 0°, calcite - 30%, F, @ 70° and fold noses common axis 90°,	7.4/7.4		143.7	151.1									
151.1	154.9	Quartz Sericite Graphite Phyllite dark grey, well foliated @ 80°, competent fissile where graphite rich, F, fold noses common axis 90°, gradational contact with ~~the~~ below unit	3.8/3.8		151.1	154.9									
154.9	159.7	Sericite Calcite Graphite Phyllite dark grey, calcite 15%, graphite 10% well foliated @ 80°, competent, fractures @ 5°, 15°, F, foldnoses (158.3-158.5) gradational contacts.	4.6/4.8		154.9	159.7									
159.7	161.0	Sericite Graphite Phyllite grey, well foliated @ 80°, competent minor fractures @ 5°.	1.2/1.3		159.7	161.0									
161.0	161.5	Bleached Sericite Phyllite with Sulfide pale green, well foliated @ 80°, sulfides as faint bands (80°) mainly py - total 5%	0.4/0.5		161.0	161.5									

LOGGED BY _____ D.D.H. NO. 115 PAGE 13/15

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
		of unit, lower contact marked by qtz. vein 10cm wide @ 90°.													
161.5	171.8	Graphite Sericite Phyllite grey-black, well foliated @ 85°, locally fractures @ 0°, 45°, F_1 locally evident @ 0° or foldnoses axis 90°, details below:	9.0/10.3												
		161.5-162.1 as above broken incompetent breccia 162.5-162.8, @ 0°, fragments av. 4mm well healed by calcite													
		162.1-163.1 as above competent													
		163.1-163.7 as above incompetent, locally fissile													
		163.7-164.6 as above competent, 163.7-163.8 F_1 fold nose fushite rich													
		164.6-166.0 as above fractured incompetent													
		166.0-166.7 as above competent													
		166.7-167.8 as above fractured incompetent													
		167.8-168.1 Bleached Sericite, 5% pyrite													
		168.1-171.8 Graphitic Sericite Phyllite, fractures parallel F_2 common, av. fragment 3cm.		•											
171.8	185.9	Quartz Sulfide with Phyllites details below													
		171.8-172.9 Banded quartz sulfide 2% mag. F_y 25, Pb2n 3 banding @ 75°, breccia 172-172.2 quartz	1.0/Tot	1303	171.8	172.9	1.1 ✓	2.15	2.00	.88	(30.2)				

LOGGED BY _____ D.D.H. NO. 015 PAGE 14/15

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		fragments av. 1cm in massive pyrite matrix													
		172.9-174.5 as above Py 20, Pb Zn 6	1.3 / ~~1.4~~	1304	172.9	174.5	1.4	3.95	3.40	1.21			5.53	4.76	1.694
		banding @ 60° contorted, fold nose													
		@ 173.5													
		174.5-175.7 as above, Py 25 Pb Zn 8	1.2 / ~~1.2~~	1305	~~174.5~~	175.7	1.2	4.30	4.00	1.24			5.16	4.80	1.488
		bleached sericite common 175.3-175.7,													
		breccia 175.0-175.1 qtz. fragments av.													
		1cm healed by carbonate, bands of													
		sulfide @ 60°													
		175.7-177.3 as above Py 35, mag 8, Pb Zn 4	1.4 / ~~1.6~~	1306	~~175.7~~	177.3	1.6	3.30	3.15	1.44			5.28	5.04	2.304
		well banded @ 80°													
		177.3-178.6 as above, Py 35, Pb Zn 4	1.3 / ~~1.3~~	1307	~~177.3~~	178.6	1.3	2.40	2.25	.97			3.12	2.925	1.261
		banding @ 70°, 178.3-178.6 sericite rich													
		foliation strongly contorted													
		178.6-179.5 as above Py 25, mag 1, Pb Zn 2	0.8 / ~~0.9~~	1308	~~178.6~~	179.5	0.9	2.95	3.43	1.06			2.655	3.087	0.954
		well banded @ 70°													
		179.5-181.0 massive sulfide, py 30, mag 3, Pb Zn 4	1.4 / ~~1.5~~	1309	~~179.5~~	181.0	1.5	2.85	2.70	1.00			4.275	4.05	1.50
		banding @ 80°, breccia 180.4-180.6													
		py. fragments (av. 3mm) in qtz-sulfide													
		matrix, fault gouge 180.6-180.9													
		composed of sulfide													
		181.0-182.4 banded quartz sulfide Py 25, Pb Zn 5 (mag 1%)	1.4 / ~~1.4~~	1310	~~181.0~~	182.4	1.4	3.60	2.78	1.24			5.04	3.892	1.736

LOGGED BY _____ D.D.H. NO. 011 PAGE 15/15

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
		bands @ 60°, foldnose @ 181.9													
		182.4 - 183.8 bleach Sericite Phyllite with sulfides, Py 18%, Pb Zn 1 F, fold noses (axis 90°) common in part defined by sulfide bands	1.4 / ~~1.4~~	1311	182.4	183.8	1.4	1.60	1.28	.68			2.24	1.792	0.952
		183.8 - 184.8 Graphite Phyllite 8% py sulfide as disseminate, massive py 183.8 - 183.9	1.0 / ~~1.0~~	1312	~~183.8~~	184.8	1.0	.55	.70	.44			.55	.70	.44
		184.8 - 185.9 banded quartz sulfide well banded @ 70°, Py 25, mag 4, Pb Zn 6 bleach sericite 185.7 - 185.9	0.9 / ~~1.0~~	1313	~~184.8~~	185.9	1.1	2.55	2.03	.97	(33.3)				
				wt. Av.	182.9	182.4	9.3	3.34	3.07	1.176	(40.3)		31.06	28.554	10.937
				" "	182.4	184.8	2.4	1.16	1.04	0.58	(19.9)		2.79	2.492	1.392
	185.9	End of Hole.													

FAGU028

DRILL HOLE : FAGU028

NORTHING : 904,913.5

EASTING : 592,234.2

ELEVATION : 1,155.9

TOTAL DEPTH : 64.0

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 CRE-SAMPLES: 13

NOS DOWN-H-SURVEYS: 1

NOS DOWN-H-LITHOLOGY: 22

NOS DOWN-H-STRUCTURE: 12

NOS DOWN-H-FAULTS: 2

NOS DOWN-H-SPLINES: 1

NOS COMPOSITES: 0

DDH: FAGU028 UTM-N: 904,913.5 UTM-E: 592,234.2 UTM-ELEV: 1,155.9 TOTAL DEPTH: 64.0 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 %	TCT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
7.2	9.1	09142	1.9	1.5	4LO		.05	.53	.34	10.00											
9.1	12.4	09143	3.3	1.4	4L2	3.04	.03	.37	.39	8.00		.21	4	5	9						
12.4	14.8	09144	2.4	1.4	4C3*	3.89	.21	.64	.19	30.00		.96	4	27	31						
14.8	16.6	09145	1.8	1.2	4D384	4.33	.19	6.60	4.30	87.00		1.71	5	27	32						
16.6	17.2	09146	.6	.6	4G4#	4.25	.16	7.40	7.10	106.00		.62	2	11	13						
17.2	17.7	09147	.5	.4	4L9	3.64	.40	4.10	4.60	61.00		.75	3	14	17						
17.7	19.5	09148	1.8	1.7	4GE#	4.51	.07	9.70	8.30	136.00		.75	1	10	11						
19.5	21.1	09149	1.6	1.6	4GE#	4.45	.07	15.80	10.00	170.00		.75	2	19	21						
21.1	22.5	09150	1.4	.7	4E1*	3.77	.16	4.70	3.90	65.00		.55	7	18	26						
56.7	58.3	09301	1.6	1.5	4E4	4.50	.15	7.80	12.30	146.00		1.17	1	26	27						
58.3	60.5	09302	2.2	1.8	4E4	4.84	.23	6.70	11.10	125.00	132.00	1.58	4	28	32						
60.5	62.3	09303	1.8	1.8	4E4	4.49	.21	7.20	13.00	112.00		1.51	7	21	28						
62.3	64.0	09304	1.7	1.7	4E4	4.61	.31	5.90	11.10	110.00		2.40	6	27	33						
WEIGHTED AVERAGE																					
7.2	22.5		15.3	10.5		3.40	.11	4.67	3.46	63.78		.66	3	14	18						
56.7	64.0		7.3	6.8		4.62	.22	6.87	11.83	122.90	39.78	1.66	4	26	30						

DDH: FAGU028 UTM-N: 904,913.5 UTM-E: 592,234.2 UTM-ELEV: 1,155.9 TOTAL DEPTH: 64.0 SECTION: W 74
RFE: S2 RFE DIR; 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	129.200	48.700

DDH: FAGU028 UTM-N: 904,913.5 UTM-E: 592,234.2 UTM-ELEV: 1,155.9 TOTAL DEPTH: 64.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
8.3	0001	4L0	-> 5B4	0.5-	1
8.8	0002	5C4*	?	0.5-	1
12.4	0003	4L2	[4L0 82]	0.5-	1
14.8	0004	4C3*		0.5-	1
16.6	0005	4D34	8* &7 (4E0)	0.5-	1
17.2	0006	4G4#		0.5-	1
17.7	0007	4L9		0.5-	1
21.1	0008	4G4#	(4E4#) POROUS BXA	0.5-	1
22.5	0009	4E14*	-> 4D3*	0.5-	1
28.7	0010	5B4*	?? [5B0 (5D4*)]	0.5-	1
31.4	0011	5B80		0.5-	1
31.6	0012	5D0		0.5-	1
33.9	0013	5B80		0.5-	1
36.5	0014	5D0		0.5-	1
37.8	0015	5B80	2	0.5-	1
38.3	0016	5D0		0.5-	1
42.2	0017	5B0	-> 5B10 LOCALLY	0.5-	1
46.2	0018	5B0		0.5-	1
48.8	0019	4L0	(5D4*)	0.5-	1
56.7	0020	5A3		0.5-	1
58.3	0021	4E4	&6? LOCALLY PORCUS	0.5-	1
64.0	0022	4E4	BXA & 4E4 PORCUS	0.5-	1

DDH: FAGU028 UTM-N: 904,913.5 UTM-E: 592,234.2 UTM-ELEV: 1,155.9 TOTAL DEPTH: 64.0 SECTION: h 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	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU028	0.0	6.4	PS2		0	0	0	0	58	230	0	1	1	1
FAGU028	0.0	23.9	PS2		0	0	0	0	44	230	0	1	1	1
FAGU028	0.0	28.8	PS2		0	0	0	0	40	230	0	1	1	1
FAGU028	0.1	29.4	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU028	0.0	32.5	CS2		0	0	0	0	25	230	0	1	1	1
FAGU028	0.0	35.7	CS2		0	0	0	0	40	230	0	1	1	1
FAGU028	0.0	40.0	CS2		0	0	0	0	60	230	0	1	1	1
FAGU028	0.0	45.2	CS2		0	0	0	0	55	230	0	1	1	1
FAGU028	0.0	50.4	CS2		0	0	0	0	44	230	0	1	1	1
FAGU028	0.0	56.4	CS2		0	0	0	0	60	230	0	1	1	1
FAGU028	29.4	56.7	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU028	56.7	63.8	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGU028 UTM-N: 904,913.5 UTM-E: 592,234.2 UTM-ELEV: 1,155.9 TOTAL DEPTH: 64.0 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
FAGU028	0.1	12.4	BP	6		0	0	C	C	0	0	1
FAGU028	42.2	46.2	2GB			C	0	C	C	0	0	1

DDH: FAGU028 UTM-N: 904,913.5 UTM-E: 592,234.2 UTM-ELEV: 1,155.9 TOTAL DEPTH: 64.0 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU028	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-428

Project: Grum Relog

Location: Vangorda Plateau

Claim:

~~UTM~~ Terr. Plane Co-ords.: 6904913.4887 N

5922341.8074 E

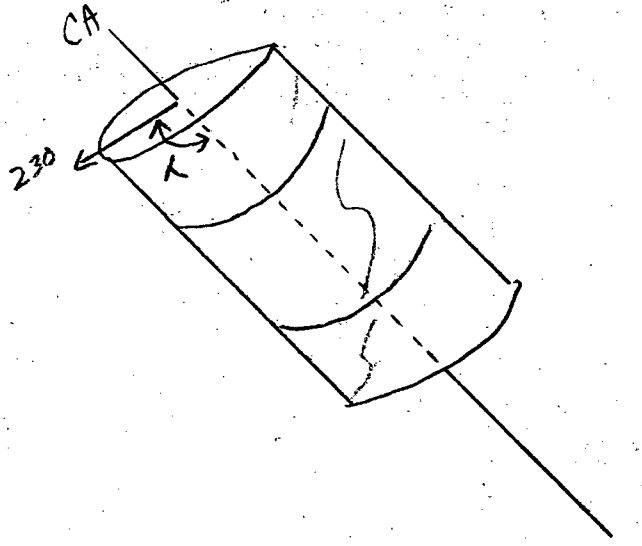
Conversion of K-A surveyed grid coords

Grid Co-ords.: 74W/0N

Elevation: 1155.91

Total Depth: 64.0

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 31, Aug 1 1980

Drilling Contractor:

Core:

Size	From	To
BQ	0	64

Collar Cased and Capped:

Started: 2/16/76 Completed: 2/17/76

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 76-U028

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U028	1155.9	9049135	592234.2	METRES

48.7 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U028	00	129.2	47.1	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
		PROPOSED DEPTH NOT ATTAINED T RODS
		STUCK CORE BARREL & BIT LEFT IN HOLE

DDH 76-4028 (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	10 0	~~8 5~~ 9 2	1	4L10	grades to 5B4 (incident white mica) @ 8.0
L	~~8 3~~ 8 3	~~12 8~~ 12 8	2	5C10	? w/ manganosite blebs This is enough different from mottled 5D to call it 5C(?)
L	~~8 3~~ 8 3	12 4	3	4L12	[4L0 ±2] [0-12.4 = pool recovery 7.3/12.4 m] ☆
L	12 4	14 8	4	4C10	<1% PbZn banded py+qtzite qtz=bands have $CO_3^=$ ∴ 4C* 60% sfd
L	14 8	16 6	5	4DH	10-12% PbZn bands of py alternating w/ base metal bearing qtzite. 70-75% sfd [4D48*±7 (4E
L	16 6	17 2	6	4G14	10-12% PbZn 15-20% $BaSO_4$ honey sphalerite [4G4* cc]
L	17 2	17 7	7	4L19	patches of cpy
L	17 7	21 1	8	4G14	13-24% PbZn 15-20% $BaSO_4$ (locally diminishes to 5%) honey sphalerite Note Z sym compositional band @ 19.7. Minor porous ore & autobriation @ EOI
L	21 1	22 5	9	4D14	? interval begins in massive sfd (py base metals + po) w/ ragged patches of qtz + 4L. then becomes a ragged qtzite, fractured w/ some sfds. Could be called 4E14L? ~15% PbZn
L	22 5	28 7	10	5B7	?? (A shot in the dark) alternating thin bands of gray mica and buff-colored, slightly calcareous, possibly tuffaceous-looking ?? bands. Buff carbonate filling tension gashes. Some white mica development.
L	28 7	31 4	11	5B8	? Similar to unit 10 because banded + light bands look slightly tuffaceous(?). Banded: chloritic layers + white, strongly-calcareous layers.
L	31 4	31 6	12	5D13	green massive-laminated. The texture of the lighter bands in this unit is the same as units 10+11 which is why I say they look tuffaceous.
L	31 6	31 9	13	5B8	7? similar to unit 11; gradational lower etc
L	31 9	36 5	14	5D13	green massive-laminated. This + unit 12 look more like field 5D than some of the green massive 5D in core
L	36 5	37 8	15	5B,8	Z both chlor + carbonaceous matl, strongly calc
L	37 8	38 3	16	5D13	green laminated - looking very much like field 5D + grading right into massive "5D Dy"
L	38 3	42 2	17	5B0	Locally 5B1
L	42 2	46 2	18	5B0	75% of the interval is gouge + broken
L	46 2	48 8	19	4L0	@ EOI 4" 5D43 buff $FeCO_3^=$ massive
L	48 8	56 7	20	5A3	Texture is similar to 4A ribbon banding but it is a calc phyllite not a qtzite + there is only v. minor stratiform? py

DDH 76-U028

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	1516 7	1518 3	Z1	4E14	15-20% PbZn. Possibly 4E46 (<5% BaSO4) on the basis of texture + locally porous ore [4E4± porous band non-calc
L	1518 3	1640	Z2	4E14	15-20% PbZn well heated sfd bxia [4E4 bxia locally vuggy, minor (4E4± porous bands non-calc)
		EOH			minor ankeritic bxia fill

DDH 76-4028 (2 … 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JSM

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 … 14	16 … 20	22 … 24	26	28 … 32	34 … 38	
S		16 4	PIS12			518 2310	R region 0 - 22.5
							mostly massive sds. note Zsym in 4G a rare sight!
S		212 5	F12	R			P region 22.5 - 29.4
S		213 9	PIS12			414 2310	
S		218 8	PIS12			410 2310	
S		29 4	F12	P			Z region 29.4 - 56.7
S		312 5	CIS12			215 2310	
S		357	CIS12			410 2310	
S		410 0	CIS12			610 2310	
S		415 2	CIS12			515 2310	
S		510 4	CIS12			414 2310	
S		516 4	CIS12			610 2310	
S		516 7	F12	Z			R region 56.7 - 83.8
* E		~~* 813 8~~ 638	F12	R			EOH * 63.8.

DDH 76-4028

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

Logged By: JSM

Sampled By: KA

Code	From	To	Sample No.		Description			
					length	recovery	Unit	
P	74	90	151113	KA	1.6	0.85	4L2	
P	90	107	151114	KA	1.7	0.25	4L2	
P	107	132	151115	KA	2.5	0.7	4L2, 4C0	
P	132	148	151116	KA	1.6	1.0	4C0	
P	148	155	151117	KA	0.7	0.55	4D4	
P	155	176	151118	KA	2.1	1.5	4D4, 4G4, 4L9	
P	176	198	151119	KA	2.2	2.1	4L9, 4G4	
P	198	213	151210	KA	1.5	1.2	4G4, 4D4(?)	
P	213	221	151211	KA	0.8	0.4	4D4(?)	
P	553	567	151212	KA	1.4	1.4	5A3	
P	567	579	151213	KA	1.2	0.95	4E4	
P	579	594	151214	KA	1.5	1.0	4E4	
P	594	610	151215	KA	1.6	1.45	4E4	
P	610	625	151216	KA	1.5	1.4	4E4	
P	625	640	151217	KA	1.5	1.1	4E4	

Section 74W Logged 1980, Checked for sampling 1981

DDH 76-W-028 Cyprus Anvil Mining Corp

Page ____ of ____

Logged by JSM, checked JSM

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
	10 14	16 20	22 26	28 30	32 34	36 40	42	
P	172	191	911412	19	15	4L40	±2	#3
P	191	1124	911413	33	14	4L40	±2	#3
P	1124	1148	911414	24	14	4C*		#4
P	1148	1166	911415	18	12	4D418	±7 (4E0)	#5
P	1166	1172	911416	06	06	4G141*		#6
P	1172	1177	911417	05	04	4L9	Note specimen removed JSM 1980	#7
P	1177	1195	911418	18	17	4G141*		#8
P	1195	2111	911419	16	16	4G141*	(4E4* bxia)	#8
P	2111	2225	911510	14	07	4E141*	4 sericitic	#9
P	5167	5183	931011	16	15	4E141	≠ porous bands	#21
P	5183	6105	931012	18	18	4E141	bxia (4E4 ± porous bands)	#22
P	6105	6123	931013	18	18	4E141	"	#22
P	6123	6140	931014	17	18	4E141	"	#22

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

DDH FA6U028 (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	124	BP	6				
	422	462	FGB					
								hole lost - rods stuck

DIAMOND DRILL RECORD

LOGGED BY B Crow

Typed ✓

PROPERTY GRUM JOINT VENTURE

D.D.H. No. 76-028 PAGE 1 of 4

LATITUDE 1078.75 N ~~of~~ BEARING OF HOLE ____ STARTED Feb 16/76

DEPARTURE 7538.75 E ~~74W~~ DIP OF HOLE ~~-73°~~ (-39° 30' N8') COMPLETED Feb 17/76

ELEVATION 1166.52 m DIP TESTS none Proposed: 165 m

Ultimate: 64.0 m DEPTH

Azt. 48° 42' 12"

N.D. = 49.38

V.D. = 40.71 (1125.81 El.)

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
0	1.8	QTZ - Ser Phy w/ Sulphs. Bleached Buff.													
		60% qtz-fels, 5 Py, 4 Pb Zn. Sulphs in 1mm to 1cm bands. Note Fine Pb mineln.	2:1		0	1.8									
		C.A. 40°													
1.8	7.4	QTZ - Ser Phy. Light Gray w/ Bleached Sections													
		45-50% qtz-fels, parts sericitic. No sulphs.	1.4/4.3		1.8	6.1									
		C.A. 70° @ 2-3, 80° @ 4.8-6.5.	0.7/1.3			7.4									
7.4	13.2	QTZ - Ser Phy w/ Seams. Bleached Buff.													
		30-60% qtz-fels. Varying sulph content. Qtzy and sericitic sections.	0.85	01513	7.4	9.0	1.6	.58	.48	8.23			.928	.768	13.168
		7.4 - 9.0 ~ highly fractured w/ sulph flow bands, 10 Py, 4 Pb Zn	0.25	4		10.7	1.7	.97	.70	1609			1.649	1.19	25.653
		-10.7 ~ Sulph-rich qtz - barite - ser - mag. 30% py, 8 Pb Zn, 0.2 mag.	0.7	5		13.2	2.5	.04	.03	.34					
		-13.2 ~ highly sericitic & substore. 0.5 Py, 0.2 Pb Zn													
		C.A. 60° @ 7.6 - 8.7, 50° @ 10.7, 70° @ 12		W.A	7.4	10.7	3.3	0.78	0.59	11.76			2.577	1.958	38.821
13.2	22.1	QTZ Sulph - Barite. Massive. Part Breccia.													
		13.2 - 14.8 ~ 60% py as 1-5 cm bands, often broken and as													

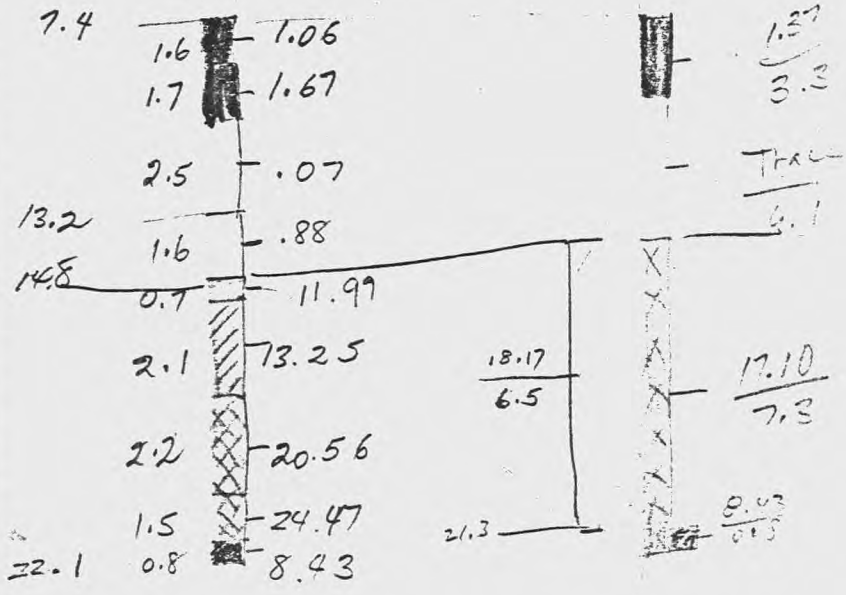
LOGGED BY _____ D.D.H. NO. 76-U28 PAGE 2 of 4

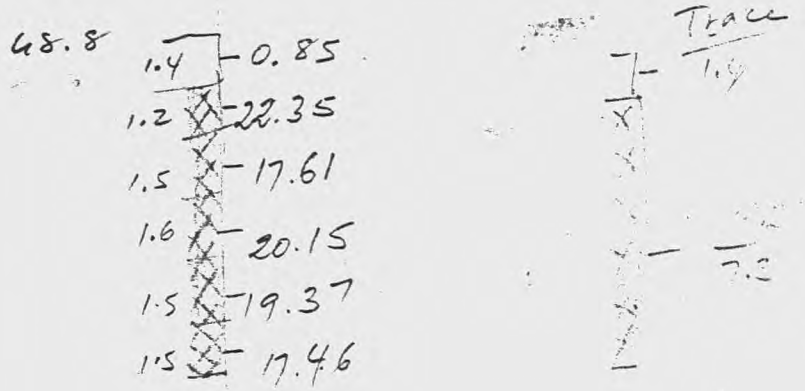
Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		irregular bands. 40% qtz as fragments and breccia occuring in irregular and/or broken bands.													
		Rock hard & massive w/ some fractures. Minor PbZn noted, est. 0.7%.	1.0	U1516	13.2	14.8	1.6	.68	.20	25.31					
		14.8 – 15.8 ~ bands of mass. sulphs & bands of sulph breccia, latter re-cemented into solid rock in qtz of minor py matrix.	0.55	U1517		15.5	0.7	7.24	4.75	102.86			5,068	3.325	72.0
		py, 6 PbZn ave 0.1 mag,													
		– 17.1 ~ Qtz-Barite-Sulphs? irregular bands mass. sulphs and disseminated sulphs in bands, both in qtz-barite. Av. 30 Py, 11 PbZn, minor mag. Both dark brown & honey color sphal.	1.5	U1518		17.6	2.1	7.50	5.75	95.66			15.76	12.075	200.886
		– 17.6 ~ Attached bull set; 10 Py, 6 PbZn, 0.4 Cu.													
		– 21.3 ~ Rich barite, minor calcite, rich to N.G. PbZn. Av 18 PbZn, 25 Py.	2.1	U1519		19.8	2.2	11.85	8.71	146.74			26.07	19.162	322.828
		~ Slightly porous in N.G. section @ 18.8 – 19.8.													
		– 22.1 ~ Mass. sulph & Qtz-Ser contact. Av. 40 Py, 10 PbZn. Irregular contact.	1.2	U1520		21.3	1.5	14.95	9.52	186.52			22.425	14.28	279.78
		C.A. 80° @ 13.4 – 14.7, 30° @ 14.9, 65° @ 15.8 to 17, 45° @ 17.1, 40° @ 17.7, 75° @ 18, 30° @ 18.4, 15° @ 18.8, 50° @ 19.3, indistinct @ 19.4 – 20 and appear to be mixed. 50° @ 20.2	0.4	U1521		22.1	0.8	4.83	3.60	64.46			3.864	2.88	51.568
				WAV	14.8	22.1	7.3	10.0	7.08	126.9			73.177	51.722	927.062
				"	14.8	21.3	6.5	10.66	7.51	139.7			69.32	48.84	875.49
22.1	28.2	Qtz – Ser – [redacted] Py. Light Gray.	0.35/0.8		22.1	22.9									
		45% qtz = Thinly foliated, fissile, numerous tension cracks, also slips. Fractures qtz-ankerite-calcite filled.	1.25/1.5			24.4									
			2.0/3.0			27.4									
			0.25/0.8	"		28.2									
		C.A. 30° @ 22.6, 50° @ 23.4, 40° @ 24, 20° @ 25.8, 15° @ 26.4, 25° @ 27.													

LOGGED BY _____ D.D.H. Nº 76-028 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
28.2	40.9	Ark - Ser - Calcite Phy. Light Gray.													
		30-35% qtz, 60-65 Ser, 1-5 Calc. Thinly foliated.	1/2.3		28.2	30.5									
		also thicker bands of up to 3 cm sericite. Mod. fissile,	10.4/10.4			40.9									
		many tension cracks, also tight slips showing minor offsets.													
		C.A. 40° @ 30.5, 20° @ 31.2, 35° @ 31.6, 30° @ 32, 15° @ 32.9 - 33.5. F2 @ 40-80° to F2 @ 33.4. 20° @ 33.6 - 35.2. F2 fold nose @ 35.2. 40° @ 35.5 - 36.4. F1 sub-vert. to F2 @ 35.4. 50° @ 36.7 - 38.3, 55° @ 38.8 - 40.9.													
40.9	48.8	QTz - Ser Phy. Light to Med. Gray.													
		Similiar phy. as 22.1 - 28.2' though more alteration	0.85/1.8		40.9	42.7									
		through stresses.	1.7/4.5			47.2									
		42 - 42.7 (?) ~ Fault? Gouge + sheared rock (@ 10-20°)													
		44.8 - 46 (?) ~ Intense shearing	1.1/1.6			48.8									
		47 - 48.8 ~ Bleached white.													
		48.8 ~ contact irregular, slip contact? Approx 75°.													
		C.A. 55-60° to 42', 40° @ 44.4, F1? @ 44.6 (sub-vert to bedding). 60° @ 47.3 - 48.8. F1 subvert. to F2 @ 48.2 - 48.6.													
48.8	56.7	Ark - Graph Phy w/ Minor Sulphs.													
		70-85% qtz, 5-15 graph, 1-6 py, 0.3 Pb?	6/6.5		48.8	55.3									
		@ 55.3 - 56.7': Light to med. gray qtzose bands w/ diffuse graph,	1.4	V1502		56.7	1.4	.22	.63	4.11						✓
		banded with richer graphite bands.													
		Zone shows well developed F1 folds, .05-7 cm size.													
		Rock fractured + mod. weak ground													
		C.A. 45° @ 50.3, 20-30° @ 51, 50° @ 51.8 to 55, 40° @ 55.1 - 56, 50° @ 56.2 - 56.5.													
		F1 varies from 60-90° to F2 (or varies from 0-45° to core axis.													

U-28.


7.4
1.6
1.06
1.7
1.67
2.5
.07
13.2
1.6
.88
14.8
0.7
11.99
2.1
13.25
2.2
20.56
1.5
24.47
22.1
0.8
8.43
18.17
6.5
21.3
1.57
3.3
Trace
6.1
17.10
7.3
0.03
0.15


48.8
1.4
0.85
1.2
22.35
1.5
17.61
1.6
20.15
1.5
19.37
1.5
17.46
Trace
1.9
7.3

LOGGED BY J.C. Low D.D.H. NO 76-U28 PAGE 4 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	
56.7	64.0	MASSIVE SULPHS. Porous, Breccia (parts)														
		Massive, fine-grained sulphs, mod. porous w/ a	0.95	U1523	56.7	57.9	1.2	8.50	13.85	179.66			10.2	16.62	215.592	
		few vug holes and leached fractures. Upper contact not appear to be Fi mineralizn. ~recovered.	1.0	4		59.4	1.5	7.53	10.08	116.92			11.295	15.12	175.38	
		56.7 – 58.3 ~ 70 Py, 22 Pb Zn,	1.45	5		60.0	1.6	7.78	12.37	151.20			12.448	19.792	241.92	
		– 59.3 ~ 85 Py, 8 Pb Zn,	1.4	6		62.5	1.5	6.75	12.62	109.94			10.125	18.93	164.91	
		– 60.5 ~ 70 Py, 12(?) Pb Zn, fractured, also sulph breccia in sulph+ankerite(?) matrix.	1.1	7		64.0	1.5	6.82	10.64	110.06			10.23	15.96	165.09	
		– 62.5 ~ 75 Py, 14(?) Pb Zn. As above.														
		– 64.0 ~ 70 Py, 15(?) Pb Zn. Brecciated and sulph breccia in sulph-qtz matrix.														
		C.A. 70° @ 56.7, Fi(?) @ 56.8: 80° to above banding or // to core,		W.A	56.7	64.0	7.3	7.44	11.84	131.9			54.298	86.422	962.892	✓
		20° @ 57, 70° @ 57.3, 80° @ 57.8, fold axis (Fi/2) // core @ 59.8: 30° @ 60.5, 45° @ 61.														
	64.0	END OF HOLE (abandoned).														
		REMARKS:														
		Rods stuck after reaching bottom for next run. Cut @ 8ft from bottom, stuck solid. Had to blast to save rods. Core barrel & bit left in hole. JC.														

FAGU036

DRILL HOLE : FAGU036
NORTHING : 904,838.2
EASTING : 592,376.2
ELEVATION : 1,157.3
TOTAL DEPTH : 19.8
SECTION : W 69
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 1
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 6
NOS DOWN-H-STRUCTURE: 5
NOS DOWN-H-FAULTS: 8
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU036 UTM-N: 904,238.2 UTM-E: 592,376.2 UTM-ELEV: 1,157.3 TOTAL DEPTH: 19.8 SECTION: W 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
15.2	16.8	90587	1.6	1.6	4J0			8.17	10.82	133.00											
WEIGHTED AVERAGE																					
15.2	16.8		1.6	1.6				8.17	10.82	133.00											

DDH: FAGUD36 UTM-N: 904,838.2 UTM-E: 592,376.2 UTM-ELEV: 1,157.3 TOTAL DEPTH: 19.8 SECTION: 6 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	82.300	138.700

DDH: FAGU036 UTM-N: 904,838.2 UTM-E: 592,376.2 UTM-ELEV: 1,157.3 TOTAL DEPTH: 19.8 SECTION: W 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
3.8	0001	3GC	(10Q*) (4LO) BOTH MINOR	0.5-	1
6.1	0002	4LC	(10Q$ SPHAL GAL)	0.5-	1
15.1	0003	3GC	&9 (4LO)(5D4*) BOTH MINOR	0.5-	1
16.8	0004	4JC	&1 (10Q*) (4LO)	0.5-	1
18.3	0005	5AC	RUBBLE	0.5-	1
19.8	0006	3GC		0.5-	1

DDH: FAGU036 UTM-N: 904,238.2 UTM-E: 592,376.2 UTM-ELEV: 1,157.3 TOTAL DEPTH: 19.8 SECTION: N 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SC ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU036	0.0	2.3	PS2	P	0	0	0	0	1	230	0	1	1	1
FAGU036	0.0	7.0	PS2	P	0	0	0	0	1	230	0	1	1	1
FAGU036	0.0	10.2	PS2	P	0	0	0	0	1	230	0	1	1	1
FAGU036	0.0	13.7	CS2		0	0	0	0	33	230	0	1	1	1
FAGU036	0.0	19.7	PS2	P	0	0	0	0	30	230	0	1	1	1

DDH: FAGUC36 UTM-N: 904,938.2 UTM-E: 592,376.2 UTM-ELEV: 1,157.3 TOTAL DEPTH: 19.8 SECTION: W 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGUC36	0.1	3.8	3B			C	0	C	C	0	0	1
FAGUC36	3.C	3.8	P	C		0	0	C	C	0	C	1
FAGUC36	11.2	11.7	G			C	0	C	C	0	0	1
FAGUC36	13.5	13.6	G			0	0	0	C	70	0	1
FAGUC36	0.C	15.9	D			C	0	0	C	0	0	1
FAGUC36	16.8	18.3	TRB			C	0	C	C	0	0	1
FAGUC36	16.8	18.3	P	3		0	0	C	C	0	0	1
FAGUC36	18.3	19.5	GP	8		0	0	C	C	0	0	1

DDH: FAGU036 UTM-N: 904,338.2 UTM-E: 592,376.2 UTM-ELEV: 1,157.3 TOTAL DEPTH: 19.8 SECTION: W 69
RFE: 32 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU036	1	1

OFF SECTION
KERR ADDI ASSAY

69W

CYPRUS ANVIL MINING CORPORATION

Page 1 of 5

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGU 036

Reference Fabric Orientation Diagram:

Project: ~~Ground~~

Location: 69W.

Claim: _____

UTM ~~Terr.~~ Plane Co-ords.: 904838.2 N

592376.2 E

conversion of surveyed grid co-ords

Grid Co-ords: 69W

_____

All symmetry determinations looking

Elevation: 1157.3 ~~1156.9~~

_____ with _____ dipping

Total Depth: 19.8

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: DBJ GAJ

Date(s) Logged: 18 AUG 82

Drilling Contractor: _____

	Size	CORE From	To	Collar Cased and Capped:

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

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

Cyprus Anvil Mining Corp. Page 2 of 6

DDH EAGU036 (2–8)

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E	
1	2 8	10 16	17 24	25 32	34 39	41 42	
T	FIAGU036	1111~~56~~57.3	9048382.	5923761.	METERS		

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FIAGU036	10 0	82.3	137.1 (138.7 for True North)	AT COLLAR

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

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

DDH FAGU036 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 18 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	00	38		1	3GO	Badly broken throughout with usual top of hole recvy problems, 3.0 m in core box much of loss probably 3-3.8 (OQ*) minu (4LO) minor
L	38	61		2	4LO	(OQ* = qhal, gal, dolo) 2 4JO veinlets XS_2 and tangential to core
L	61	151		3	3GO	±9 (4LO, SD4* with 4E veinlets) SD4* and 4LO @ 11.1m = 9% of unit trivial 9 mainly top and bottom of interval, IND gouge from 11.2-11.7m but get feeling gouge X cuts S_2 at high β (@ 70° to CA) gouge @ 13.5-13.6 upper = IND lower @ 70/000 = steep fault. recovery good thru unit despite faults.
L	151	168		4	4JO	±1 (OQ*) (4LO) 4LO and OQ* @ 15.8-16.2 m - also floaters of OQO and 4LO in ductile flow Bxn @ 15.8 normal and intact to EOT
L	168	183		5	SAO	rubble and broken core w. bxn recvy as poker chips fragments and rubble
L	183	198		6	3GO	18.3-18.5 = IND GOUGE w 1m recovery in that interval - lower contact of gouge may be at 70° to CA 19.8 = EOH

DDH FAGU036 (2 — 8) Cyprus Anvil Mining Corp. Page 4 of 5

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 — 14	16 — 20	22 — 24	26	28 — 32	34 — 38	40 — 44	
S		23	IND	P			0P 230	
S		70	IND	P			0P	
S		102	IND	P			0,0	
S		137	CSZ				33	
S		197	IND	P			30	
								gouge from 11.2 – 11.7 is where S_2 changes attitude

C.A.M.C. 1981 – E – 4

DDH FAG-4-036 Cyprus Anvil Mining Corp

Page 5. of 5

Logged by: DSJ

ASSAY LOG (SAMPLER'S COPY) Date 18 AUG 82 Sampled by: MA

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
A	115 2	116 8	905817	1 6	1 6	.4J0	

Metres

FAULT

DDH EAGU036 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	10 1	13 8	3 B1					badly broken
F	13 0	13 8	P	6				3.0 m / 3.8m of much of low probably 3-3.8
F	11 2	11 7	G					IND gouge — filling it crosscuts S_2 at high angle
F	13 5	13 6	G				70 000	gouge upper IND lower 70/000
								STEEP FAULT
F	15 8		D					floaters of 1000 & 400 in ductile flow brec
F	16 8	18 3	TRB					rubble of broken core poker chippy
F	16 8	18 3	P	3				0.6m / 1.5 m
F	18 3	19 5	GP	8				1m / 1.2m recovery
								Gouge IND lower contact may be @ 70° C.A.

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

DIAMOND DRILL RECORD

LOGGED BY Glenn Jutras — March 6/76 — Typed - HP

PROPERTY Grim Joint Venture (Underground)

LATITUDE 10631.975 — 2N BEARING OF HELE 136° 26' 21" — STARTED March 5/76

DEPARTURE 7680.82 — DIP OF HOLE +7° 44' — COMPLETED March 5/76

ELEVATION 1167.49 — DIP TESTS none — DEPTH Proposed: Ultimate: 19.8m

D.D.H. No. U-36 — PAGE 1/2

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	3.2	Quartz Sericite Phyllite	2.6												
		dark silvery grey, well foliated, F_2: 15°,	3.2												
		generally fissile, details													
		0-1.4 as above fractured and broken													
		1.4-3.2 as above competent, 2.9-3.1 sheared													
3.2	6.1	Bleached Sericite Phyllite with Sulphides	2.7												
		pale yellow green, well foliated F_2: 5°, competent	2.9												
		5% sulphides as irregular shaped bands													
		av 0.5cm wide @ 5°, py sph gal, qtz													
		vein 1cm wide @ 5° 4.3-4.7, first													
		and second contacts gradational													
6.1	14.7	Quartz Sericite Phyllite	8.0												
		dark grey, well foliated F_2: 10°, generally	8.6												
		competent, minor fracturing @ 70° details													
		11.2-11.8 Fault Zone, sericite rich													
		11.2-11.3 sheared Sericite Phyllite													
		11.3-11.8 Fault gouge, fine sericite flakes													

LOGGED BY JJ D.D.H. NO U-36 PAGE 2/2

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
		and mud.													
		13.0 - 13.2 sheared sericite phyllite													
14.7	15.2	Graphite Phyllite													
		dark grey-black, well foliated $F_2 = 5°$,													
		fissile incompetent													
15.2	16.8	Sulphide Zone Py 15 - Pb 2m - 15	1.6/1.6	01751	15.2	16.8	1.6	8.17	10.33	34.03	[illegible]				
		banding @ 35°, 30% inclusions of													
		qtz (speckled texture), grains av. 2mm													
		diametre., competent													
		15.7 - 16.1 qtz vein > 3cm wide													
		@ 5°, 15.9 - 16.0 sericite phyllite													
		well foliated @ 15°													
16.8	18.3	Graphite Phyllite	0.8/1.5												
		dark grey-black, incompetent, broken													
		into chips av. 1cm in diametre, $F_2 = 5°$													
18.3	19.8	Fault Zone	1.0/1.5												
		18.3 - 19.5 fault gouge, light grey,													
		consists of fine sericite flakes and													
		mud													
		19.5 - 19.8 Sericite Phyllite, light grey,													
		fissile, $F_2 = 20°$													
	19.8	End of Hole, Stopped due to danger of sticking rods													

FAGU039

DRILL HOLE	:	FAGU039
NORTHING	:	904,973.3
EASTING	:	592,282.2
ELEVATION	:	1,134.0
TOTAL DEPTH	:	110.3
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:	44
NOS DOWN-H-SURVEYS:	3
NOS DOWN-H-LITHOLOGY:	64
NOS DOWN-H-STRUCTURE:	17
NOS DOWN-H-FAULTS:	13
NOS DOWN-H-SPLINES:	3
NOS COMPOSITES:	0

DDH: FAGUC39 UTM-N: 904,973.3 UTM-E: 592,282.2 UTM-ELEV: 1,134.0 TOTAL DEPTH: 11C.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	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	1.5	09354	1.5	1.2	4CL	2.99	.04	2.10	1.52	30.00		.48	2	5	8						
1.5	2.8	09355	1.3	.6	4CO	3.02	.05	.41	.90	8.00		.48	3	6	10						
2.8	4.1	09356	1.3	1.3	4CO	3.10	.15	2.10	1.52	33.00		.55	2	8	10						
4.1	6.2	9C349	2.1	2.1	5C4*			.14	.08	3.10											
6.2	8.4	09357	2.2	2.2	4A1	2.95	.04	1.38	.32	17.00		.82	2	4	6						
8.4	9.7	09358	1.3	1.3	4CO	2.92	.03	2.00	2.90	29.00		.41	1		2						
9.7	11.0	09359	1.3	1.3	4CO	3.06	.07	1.33	2.50	25.00	27.00	.75	1	4	5						
15.5	16.1	09360	.6	.5	4LC	2.89	.03	1.84	2.06	29.00		.34	1	1	3						
16.5	17.9	09361	1.4	.6	4AL	2.91	.02	.40	1.20	8.00		.14	3	1	5						
18.3	19.4	09362	1.1	1.1	4CL	2.89	.03	1.70	3.00	25.00		.21	3	2	5						
20.8	22.8	09363	2.0	2.0	4A4	3.06	.04	2.37	4.80	33.00		.69	1	6	7						
23.3	25.9	09364	2.6	2.6	4LC	2.95	.03	.77	1.56	12.00		.55		4	5						
25.9	28.0	09365	2.1	2.1	4A1	2.91	.04	1.53	.88	14.00		.62		4	4						
28.8	29.7	09366	.9	.9	4CL	2.90	.03	1.97	2.90	26.00		.55	2	2	5						
35.9	36.7	09367	.8	.6	4CL	2.96	.03	1.71	1.27	22.00		.27	2	5	8						
37.3	37.9	09368	.6	.5	4CL	2.92	.03	.54	1.03	10.00		.07	3	3	7						
38.7	40.9	09369	2.2	2.2	4CL	2.96	.05	.45	1.50	13.00		.07	4	4	9						
42.7	44.2	09370	1.5	1.3	4EG	4.35	.16	7.50	14.70	116.00		.96	2	24	26						
48.8	49.3	09371	.5	.5	4EO	4.18	.01	1.30	2.90	28.00		.55		31	31						
50.7	53.0	09372	2.3	2.3	4E46	4.34	.11	4.70	7.10	88.00		1.03	1	25	27						
53.0	54.9	09373	1.9	1.9	4G4*	4.66	.20	5.10	9.20	81.00		1.44		14	15						
54.9	56.4	09374	1.5	1.5	4E46	4.53	.26	6.80	12.10	74.00		1.65	2	27	29						
56.4	57.9	09375	1.5	1.5	4E46	4.66	.19	4.10	6.30	62.00		1.23	1	37	39						
57.9	59.2	09376	1.3	1.2	4G4	4.93	.14	3.80	7.70	69.00	76.00	1.51	1	19	21						
59.2	60.5	09377	1.3	1.3	4G4	4.60	.22	4.10	7.60	74.00		1.44	2	28	30						
60.5	61.0	09378	.5	.4	4C3	3.52	.11	1.18	2.90	25.00		.75	2	19	22						
61.0	62.5	09379	1.5	1.5	4E4	4.72	.22	2.90	4.10	42.00		1.44	2	37	40						
62.5	64.0	09380	1.5	1.5	4E4	4.24	.15	2.30	2.90	41.00		1.78	2	34	36						
65.9	67.9	09381	2.0	1.9	4E4	4.34	.21	3.20	3.00	66.00		2.06	2	32	34						
67.9	70.2	09382	2.3	2.3	4E4	4.40	.15	3.00	3.50	47.00		6.84	1	31	32						
72.6	73.2	09383	.6	.6	4LD	4.49	.05	4.40	7.60	67.00		.89	3	5	8						
73.2	75.2	09384	2.0	2.0	4CG	3.91	.04	2.40	5.90	46.00		.62		16	16						
75.2	77.2	09385	2.0	1.8	4CG	3.63	.05	2.50	5.10	47.00		.62		15	15						
77.2	79.2	09386	2.0	2.0	4CG	3.91	.16	3.10	6.80	86.00	96.00	1.37		13	13						
79.2	81.2	09387	2.0	2.0	4CG	3.62	.05	3.30	6.80	49.00		.69		10	11						
81.2	83.4	09388	2.2	2.2	4D43	4.03	.03	8.70	18.00	151.00		1.58	2	12	14						
83.4	84.8	09389	1.4	1.4	4E4	4.81	.29	5.20	8.40	77.00		1.92	1	33	34						

DDH: FAGU039 UTM-N: 904,973.3 UTM-E: 592,282.2 UTM-ELEV: 1,134.0 TOTAL DEPTH: 110.3 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.
84.8	85.4	09390	.6	.6	4G4*6	4.49	.31	6.70	12.30	105.00		2.61	1	27	28						
85.4	87.4	09391	2.0	2.0	4E4	4.51	.20	4.70	8.20	63.00		1.71	2	30	33						
87.4	89.4	09392	2.0	2.0	4E4	4.63	.21	2.70	4.90	49.00		1.44	1	37	39						
89.4	91.2	09393	1.8	1.8	4E0	4.57	.28	1.10	2.80	29.00		1.37	1	37	39						
91.2	93.2	09394	2.0	2.0	4DE	3.99	.31	3.50	4.40	58.00		1.71	2	25	27						
93.2	95.2	09395	2.0	2.0	4DE	4.04	.21	2.40	1.35	37.00		1.10	9	17	26						
95.2	96.7	09396	1.5	1.5	4DA	4.01	.14	4.40	10.54	68.00	73.00	2.67	5	15	20						
WEIGHTED AVERAGE																					
.0	11.0		11.0	10.0		2.42	.04	1.27	1.21	19.31	3.19	.48	2	3	5						
15.5	16.1		.6	.5		2.89	.03	1.84	2.06	29.00		.34	1	1	3						
16.5	17.9		1.4	.6		2.91	.02	.40	1.20	8.00		.14	3	1	5						
18.3	19.4		1.1	1.1		2.89	.03	1.70	3.00	25.00		.21	3	2	5						
20.8	22.8		2.0	2.0		3.06	.04	2.37	4.80	33.00		.69	1	6	7						
23.3	28.0		4.7	4.7		2.93	.03	1.10	1.25	12.89		.58		4	5						
28.8	29.7		.9	.9		2.90	.03	1.97	2.90	26.00		.55	2	2	5						
35.9	36.7		.8	.6		2.96	.03	1.71	1.27	22.00		.27	2	5	8						
37.3	37.9		.6	.5		2.92	.03	.54	1.03	10.00		.07	3	3	7						
38.7	40.9		2.2	2.2		2.96	.05	.45	1.50	13.00		.07	4	4	9						
42.7	44.2		1.5	1.3		4.35	.16	7.50	14.70	116.00		.96	2	24	26						
48.8	49.3		.5	.5		4.18	.01	1.30	2.90	28.00		.55		31	31						
50.7	64.0		13.3	13.1		4.52	.17	4.17	7.01	66.40	7.42	1.38	1	27	29						
65.9	70.2		4.3	4.2		4.37	.17	3.09	3.26	55.83		4.61	1	31	33						
72.6	96.7		24.1	23.9		4.13	.16	3.77	7.05	65.03	12.51	1.37	2	21	23						

DDH: FAGU039 UTM-N: 904,973.3 UTM-E: 592,282.2 UTM-ELEV: 1,134.0 TOTAL DEPTH: 110.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	163.300	230.400
30.500	165.000	243.000
56.400	165.000	241.000

DDH: FAGU039 UTM-N: 9C4,973.3 UTM-E: 592,282.2 UTM-ELEV: 1,134.C TOTAL DEPTH: 110.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.5	0001	4L12	(5D4*) [4CL]	0.5-	1
4.1	0002	4C0		0.5-	1
5.4	0003	5C4*	MOTTLED	0.5-	1
6.2	0004	4L1	-> 4A DOWN	0.5-	1
8.4	0005	4A1		0.5-	1
11.0	0006	4C0		0.5-	1
12.7	0007	5C*		0.5-	1
13.2	0008	4L2	[4CL]	0.5-	1
15.5	0009	5C*	(4CL)	0.5-	1
16.1	0010	4CC	(4LO) [4L12] [4CL]	0.5-	1
16.5	0011	5D4*		0.5-	1
17.1	0012	4A1	[4C5] [4A PHYLLITIC]	0.5-	1
17.9	0013	4L0	[4L4]	0.5-	1
18.3	0014	5D4*		0.5-	1
19.4	0015	4CL	[4C SERICITIC] [4L12]	0.5-	1
19.8	0016	4L0	(5D4*)	0.5-	1
20.2	0017	4A0	PHYLLITIC	0.5-	1
20.8	0018	5D4		0.5-	1
22.8	0019	4A0		0.5-	1
23.3	0020	5C4*	MOTTLED	0.5-	1
25.9	0021	4L1	-> 4C0 [4L12]	0.5-	1
28.0	0022	4A1	PHYLLITIC	0.5-	1
28.4	0023	4L12	[4LC]	0.5-	1
28.8	0024	5C4*	MOTTLED	0.5-	1
29.7	0025	4CC	(4LO) [4CL] [4L12] [4C SER.]	0.5-	1
30.3	0026	5D4*		0.5-	1
31.2	0027	5A1		0.5-	1
32.8	0028	5C4*	(4C0 SERICITIC)	0.5-	1
33.4	0029	5C*	MOTTLED	0.5-	1
33.7	0030	4CC	(4LO) [4CL] AS UNIT 25 ETC.	0.5-	1
35.9	0031	5C*	MOTTLED	0.5-	1
36.7	0032	4C0	[4CL] [4C SERICITIC]	0.5-	1
37.3	0033	5C*	MOTTLED	0.5-	1
37.9	0034	4C0	SERICITIC [4CL ETC.]	0.5-	1
38.3	0035	5C1*	MOTTLED	0.5-	1
38.7	0036	5D4*		0.5-	1
40.9	0037	4CC	(4LO) [4CL]	0.5-	1
42.5	0038	5C4*	MOTTLED	0.5-	1
42.7	0039	5A0	(4C0) BXA [4A0 BXA]	0.5-	1
44.2	0040	4E4	(4G4#)	0.5-	1
48.8	0041	5A6	-> (4A0)	0.5-	1
49.3	0042	4E0	&8	0.5-	1
50.7	0043	5C*	MOTTLED	0.5-	1
53.0	0044	4E46	[4E4 (4G4)]	0.5-	1
54.9	0045	4G4	(4K4) 95:05	0.5-	1
57.9	0046	4E46	&# POROUS	0.5-	1
60.5	0047	4G4		0.5-	1
61.0	0048	4C3		0.5-	1
64.0	0049	4E4	(5C4*)	0.5-	1
65.5	0050	10QC		0.5-	1
65.9	0051	5A0		0.5-	1

DDH: FAGU039 UTM-N: 904,973.3 UTM-E: 592,282.2 UTM-ELEV: 1,134.0 TOTAL DEPTH: 110.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
70.2	0052	4E4		0.5-	1
71.6	0053	4LE		0.5-	1
72.6	0054	5A6	(4E)	0.5-	1
73.2	0055	4LC	(4D4)	0.5-	1
81.2	0056	4C0	(4G4*) 55:45	0.5-	1
83.4	0057	4D43	-> 4D453	0.5-	1
84.8	0058	4E4		0.5-	1
85.4	0059	4G4*	6	0.5-	1
91.2	0060	4E4	(4D0) MINOR	0.5-	1
95.2	0061	4DE	BXA	0.5-	1
96.7	0062	4DA	BXA	0.5-	1
100.6	0063	5B6	[3G0]	0.5-	1
110.3	0064	5B6	[3G0]	0.5-	1

DDH: FAGU039 UTM-N: 904,973.3 UTM-E: 592,282.2 UTM-ELEV: 1,134.0 TOTAL DEPTH: 110.3 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
FAGU039	0.0	5.8	CS2	S	0	0	0	0	70	230	0	1	1	1
FAGU039	0.0	6.1	PS2		0	0	0	0	55	230	0	1	1	1
FAGU039	0.0	11.5	PS2		0	0	0	0	53	230	0	1	1	1
FAGU039	0.0	13.0	CS2	3	0	0	0	0	75	230	0	1	1	1
FAGU039	0.0	15.9	PS2		0	0	0	0	75	230	0	1	1	1
FAGU039	0.0	16.0	CS2	3	0	0	0	0	70	230	0	1	1	1
FAGU039	0.0	21.3	PS2		0	0	0	0	60	230	0	1	1	1
FAGU039	0.0	30.5	PS2		0	0	0	0	74	230	0	1	1	1
FAGU039	0.0	36.1	CS2	M	0	0	0	0	80	230	0	1	1	1
FAGU039	0.0	41.6	PS2		0	0	0	0	52	230	0	1	1	1
FAGU039	0.0	47.2	PS2		0	0	0	0	42	230	0	1	1	1
FAGU039	0.0	50.3	PS2		0	0	0	0	60	230	0	1	1	1
FAGU039	0.0	65.8	PS2		0	0	0	0	70	230	0	1	1	1
FAGU039	0.0	72.4	PS2		0	0	0	0	54	230	0	1	1	1
FAGU039	0.0	102.3	PS2		0	0	0	0	47	230	0	1	1	1
FAGU039	0.0	107.9	PS2		0	0	0	0	45	230	0	1	1	1
FAGU039	0.1	110.3	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGU039 UTM-N: 904,973.3 UTM-E: 592,282.2 UTM-ELEV: 1,134.0 TOTAL DEPTH: 110.3 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
FAGU039	42.5	42.7	XF			0	0	0	0	0	0	1
FAGU039	44.2	48.8	GF			0	0	99	999	0	0	1
FAGU039	0.0	63.2	XF?			0	0	0	0	0	0	1
FAGU039	61.0	64.0	X?			0	0	0	0	0	0	1
FAGU039	64.0	65.5	BX			0	0	0	0	0	0	1
FAGU039	66.7	68.1	FGB			0	0	0	0	0	0	1
FAGU039	68.8	69.8	F			0	0	0	0	0	0	1
FAGU039	70.2	72.6	G			0	0	99	999	0	0	1
FAGU039	91.2	95.2	D			0	0	0	0	0	0	1
FAGU039	94.5	95.2	PC?	5		0	0	0	0	0	0	1
FAGU039	95.2	97.6	D?			0	0	0	0	0	0	1
FAGU039	97.6	100.6	GB			0	0	0	0	0	0	1
FAGU039	108.0	109.7	G			0	0	0	0	0	0	1

DDH: FAGU039 UTM-N: 904,973.3 UTM-E: 592,282.2 UTM-ELEV: 1,134.0 TOTAL DEPTH: 110.3 SECTION: 4 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU039	1	2
FAGU039	2	2
FAGU039	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U39

Project: Grum Relog

Location: Vangorda Plateau

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 6904973.29 N

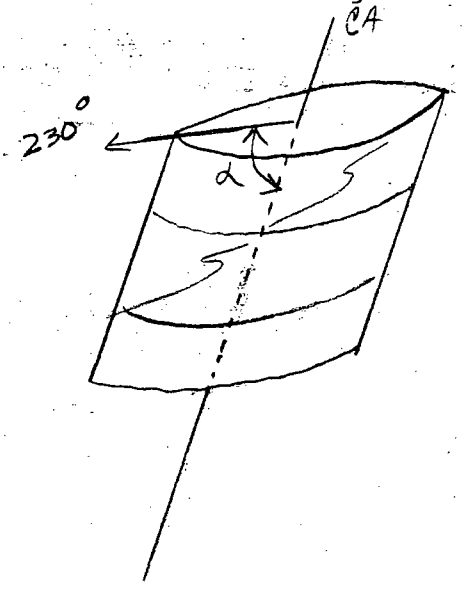
592282.18 E

Grid Co-ords.: 74W/3N

Elevation: ~~1133.99~~ 1134.013

Total Depth: 110.3 m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 230.

Purpose:

Logged by: JSM Date(s) Logged: July 18, 19, 24, 25, 1980

Drilling Contractor:

Core: Size	From	To	Collar Cased and Capped:
BQ	0	110.3	

Started: 3/9/1976 Completed: 3/10/1976

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 76-U-039 (2 of 8)

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U-039	~~1133.9~~ 4.0	9049731.3	592282.2	METRICS

230.4 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U-039	0.0	163.3	228.8	AT COLLAR
R	76-U-039	310.5	165.0	243.0	SPERRY SUN
R	76-U-039	561.4	165.0	241.0	
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 76-404.39 (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	100	115	1	4,C,L	5D4 w/ mariposite @ TOI (0.2m) then 4C w/ some sericite <5% PbZn
L	115	141	2	4,C,0	locally pitted + chewed up mica+ sericite as partings
L	141	154	3	5,D,4	3 mot mottled 5D altered to buff $CO_3^=$ + mariposite
L	154	162	4	4,L,1	w/ v. minor py grades into 4A1 @ bottom of interval.
L	162	184	5	4,A,1	w/ v. minor py, 1-2% PbZn
L	184	1110	6	4,C,0	1-5% PbZn, ~30% sfds, similar to unit 2 except less anhk
L	1110	1127	7	5,D,3	mot mottled + massive slightly calc (11.73 - 11.97 = massive 5D)
L	1127	1132	8	4,L,2	Minor quartz v. minor py
L	1132	1155	9	5,D,3	mot (4CL) tan-buff ank. 14.4-14.6 4CL 2-3% PbZn
L	1155	1161	10	4,L,C	4CL as unit 1 @ TOI + EOI, goes to 4LO (0.3m) center 4C top & bottom
L	1161	1165	11	5,D,4	3 massive buff w/ mariposite blebs (buff matl is $FeCO_3^=$)
L	1165	1171	12	4,A,1	v. siliceous w/ grey mica not graphite, minor PbZn
L	1171	1179	13	4,L,0	or maybe 4L4 - 2-3% PbZn
L	1179	1183	14	5,D,4	3 as unit 11 ~40 @ TOI
L	1183	1194	15	4,C,L	50:50 white mica + qtzite @ TOI grading downward to [4CO] sericite
L	1194	1198	16	4,L,0	5D4 (mottled altered to mariposite + buff $CO_3^=$) @ TOI then 4LO or 4L1
L	1198	1202	17	4,A,0	or maybe 4A1 minor py phyllitic
L	1202	1208	18	5,D,4	3 mot mottled 5D altered to buff $CO_3^=$ and mariposite
L	1208	1228	19	4,A,0	~5% PbZn graphitic
L	1228	1232	20	5,D,4	3 mot mottled 5D altered to buff $CO_3^=$ and mariposite
L	1232	1259	21	4,L,C	gradational 4L1 - 4CO downward; TOI is 4A1 over (0.4m) graph
L	1259	1280	22	4,A,1	~3% PbZn phyllitic
L	1280	1284	23	4,L,C	white mica > qtzite, minor py
L	1284	1288	24	5,D,4	3 mot buff $CO_3^=$, mariposite, talc development mottled texture almost wiped out by alteration
L	1288	1297	25	4,C,L	4CO > 4LO minor PbZn + py; 0.1m ank. fuchsite in middle of interval
L	1297	1303	26	5,D,4	3 massive buff w/ mariposite and 0BO
L	1303	1312	27	5,A,1	minor py @ TOI
L	1312	1328	28	5,C,4	* (4CO sericitic) 31.3-32.0 is 5C4* remainder of I. is 4CO sericitic 5C4* anhkentic & fuchsitic.
L	1328	1334	29	5,D,3	mot mottled (chlor. + $FeCO_3^=$) to 33.2 then massive
L	1334	1337	30	4,C,L	As unit 28
L	1337	1359	31	5,D,3	mot mottled (chlor + $Fe(O_3^=$) with interbd of massive 5D @ 34.1 + interbd of 4LO @ 35.1; 34.8 amygdaloidal texture.
L	1359	1367	32	4,C,0	or maybe 4CL (~10-15% white mica); ~20% sfd/py + minor PbZn or [4CO] sericitic.

DDH 76-403 (2 of 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	1316 7	1317 3	3 3	5D 3	mottled as unit 31 but buggered up by QQQ and 4LQ
L	1317 3	1317 9	3 4	4C L	as before, 15-20% sfds (py + minor PbZn), 60:40 qtz : white mica
L	1317 9	1318 3	3 5	5D 13	mot this is sort of like mottled 5D in texture but there are siliceous bands + blebs as well as buff $CO_3^=$; minor mariposite
L	1318 3	1318 7	3 6	5D 43	massive buff $CO_3^=$ w/ minor mariposite blebs well foliated and with thin siliceous bands
L	1318 7	1409	3 7	4C L	equally 4C + 4L, 10% sfds py w/ minor PbZn [4CQ] sericitic
L	1409	1425	3 8	5D 14	* mot mottled 5D (buff $CO_3^=$, + both chlor. + mariposite)
L	1425	1427	3 9	5A 10	bxia clasts = pyritic qtzite rounded + angular matrix = graphite [5A4C bxia]
L	1427	1442	4 0	4E 14	(4G 4K) 4E4 w/ 15(?)% PbZn + minor qtz eyes in a bxiated relationship w/ calcareous 4G to 433 then 4E4/4ED w/ minor qtz or carbonate banding to EOI
* ⇒ L	1442	1488	4 1	5A 6	(4AQ) Gouge to 47.2 Locally gradational w/ 4A; v. minor py
L	1488	1493	4 2	4E 10	w/ minor qtz blebs + minor orange sphal bands, minor mgt blebs, ~2% PbZn
L	1493	1510 7	4 3	5D 13	mot mottled (discontinous chlorite lenses + blebs in calc (+ siliceous?) matrix) slightly different texture than other mottled 5D's in this hole. meta-igneous appearance. minor base-metals (gal, sph) + py disem
L	1507	1530	4 4	4E 14	6 10-14% PbZn TOI to 51.2 is gradational ctc w/ unit 43 interleaved (chlorite gone to mariposite). Local concentrations of barite ie 4G. Perhaps this unit should be called 4E4/4G4
⇒ L	1530	1549	4 5	4G 4	25% (:) $BaSO_4$, 1% PbZn, honey sphal, gal, py 1m @ bottom 4K4
L	1549	1579	4 6	4E 14	possibly 4E46 porous $CO_3^=$ patches w/ coarse sph gal + cpy @ TOI. some porous zones that could be leached 4G4. ~11% PbZn over 0.4m [4K4]
⇒					
L	1579	1605	4 7	4G 4	25% (?) $BaSO_4$ 10 (?) % PbZn : 50% $BaSO_4$ 58.5 to 59.3
L	1605	1610	4 8	4C 0	40:60 py:qtz Bx @ TOI texture is not banded as usual 4CQ, 0 PbZn
⇒ L	1610	1640	4 9	4E 14	(SCF) 7% PbZn fractured, interbd of 5C4K (mottled + mariP) @ 63.2 (0.3m) bxtd. weakly cemented.
L	1640	1655	5 0	0Q 0	chewed up, broken with minor 5D4, minor phyllite, minor sfd bxia
L	1655	1659	5 1	5A 0	weakly calcareous contact with unit 52 10° to c.a. load casts indicate 5A younger Likely strong
L	1659	1702	5 2	4E 0	(5-7% PbZn by assay 1-2 by sight) fault zone 66.7-68.1 bxiated w/ po + coarse py, then gouged + broken 4F appearing interval 66.8 (0.2m)

DDH 76-40.39 (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	
					fault zone(?) 68.8-69.8 highly fractured + completely broken Frac. 40° to C.a.
L	710 2	711 6	5 3	4 L 4 E	gouge, clay-altered + broken, patches of 4E + 4L(?)
L	711 6	712 6	5 4	5 A 6	gouged clay altered sericite altered with graphite + minor 4E (0.1m)
L	712 6	713 2	5 5	4 L 4	(4D4) 40° č 4D4 (20% PbZn) @ 73.1-73.2 @ Tot 0.1m.
L	713 2	81 2	5 6	4 C 0	(4G4*) 55:45 (bands of white to gray qtz + bands of 4G4) after 1st metre essentially carbonate throughout. Shonge rock — possibly fold nose + megagleithorster producing mixed ore. samples see
L	81 2	813 4	5 7	4 D 4	Locally goes to 4E4; where there is more quartz there are a few minor graphite remnants 4D45 9-24% PbZn. Minor ankerite healed fractures
L	813 4	818 8	5 8	4 E 4	3% PbZn orange sphal, minor buff $CO_3^=$ veining
L	818 8	854	5 9	4 G 4	* an > sphal ? 10%?? PbZn 10% BaSO4. weak reach. to 10% HC
L	854 4	91 2	6 0	4 E 4	inhomogenous distribution of PbZn — overall decrease downhole; irregular occurrence of minor quartz going to 4D0 @ 90.3-90.7. minor buff $CO_3^=$ veining.
L	91 2	952 2	6 1	4 D E	sfd Bxia well healed to 93.3 w/ some large (2") rounded clasts of 4CE (~75% py) in 4D4 matrix 93.3-96.6 — matrix = $FeCO_3^=$ poorly healed. Ground core 94.5-95.2 (0.4m rec)
L	952 2	967	6 2	4 D A	Bx sulphide - ankerite healed. 4A clasts in this interval.
L	967	1006	6 3	5 B 6	[3G] Gouge; Essentially gouge & narrow broken intervals.
L	1006	1103	6 4	5 B 6	[3G] Monotonous grey phyllite. Gouge 108.0-109.7
					EOH.

DDH 76-U039 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JSM

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S	61		P S 2			55 230	This hole is entirely sfds and mottled SD (almost) so only S_2 readings taken
S	115		P S 2			53 230	
S	159		P S 2			75 230	
S	213		P S 2			610 230	
S	305		P S 2			74 230	
S	416		P S 2			52 230	
S	472		P S 2			42 230	
S	503		P S 2			610 230	
S	658		P S 2			70 230	
S	724		P S 2			54 230	
S	1023		P S 2			47 230	
S	1079		P S 2			45 230	
S	1103		F 2	R			

DDH 74-U-039 (2 / 8) **Cyprus Anvil Mining Corp.** Page ____ of ____

Structural Log Date: Aug 14/81 Logged By: RST

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		09	1,N,D	D			80 230	
S		58	C,S,2	S			70	
S		72	1,N,D	D			75	
S		82	1,N,D	D			60	
S		130	C,S,2	S			75	
S		160	C,S,2	S			70	
S	228	280	1,N,D	It				⊥ to c.a.
$	283	424						Fold closure with hinge at 36.2
S		361	C,S,2	M			80	
$	442	488					35	Fault ∥ S_2
$	732	812						Appears to be fold hinge possibly @ 77.2 see sample.
$	912	1006						Bx zone to 967 above gouge zone strongly indicates a low angle fault. Gouge zone appears ∥ S_2

See over

DDH 76-40-39 (2 / 8)

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

Logged By: JSM

Sampled By: KA

Code	From	To	Sample No.	Description			
1	10 14	16 20	22 27		Length	Recovery	Unit
P	0	15	17715	KA	1.5	1.0	4CL
P	15	30	17716	KA	1.5	1.0	4CO
P	30	40	17717	KA	1.0	1.0	4CO
P	40	61	17718	KA	2.1	2.1	5D43, 4CL
P	61	81	17719	KA	2.0	2.0	4AI
P	81	95	17810	KA	1.4	1.4	4AI 4CO
P	95	110	17811	KA	1.5	1.5	4CO
P	172	202	17812	KA	3.0	3.0	4CO 5D43 4CL 4CO 4AO
P	202	229	17813	KA	2.7	2.7	5D43, 4AO, 5D43
P	229	259	17814	KA	3.0	3.0	5D43, 4CC
P	259	284	17815	KA	2.5	2.5	4AI, 4CC
P	389	410	17816	KA	2.1	2.1	4CL, 5D43
P	410	427	17817	KA	1.7	1.4	5D43, 5A/4C
P	427	440	17818	KA	1.7	1.2	4E4
P	488	503	17819	KA	1.5	1.5	4EO, 5D3
P	503	518	17910	KA	1.5	1.5	5D3, 4E46
P	518	533	17911	KA	1.5	1.5	4E46, 4G4
P	533	549	17912	KA	1.6	1.6	4G4
P	549	564	17913	KA	1.5	1.3	4E4
P	564	579	17914	KA	1.5	1.4	4E4
P	579	594	17915	KA	1.5	1.5	4G4
P	594	610	17916	KA	1.6	1.5	4G4 4CO
P	610	625	17917	KA	1.5	1.5	4E4
P	625	640	17918	KA	1.5	1.5	4E4
P	640	655	17919	KA	1.5	1.5	5AO, 4EO
P	655	671	18010	KA	1.6	1.6	4EO
P	671	686	18011	KA	1.5	1.4	4EO
P	686	701	18012	KA	1.5	1.5	4EO
P	701	716	18013	KA	1.5	1.5	4LE
P	716	732	18014	KA	1.6	1.6	5A Gouge 4L4
P	732	747	18015	KA	1.5	1.5	4CO
P	747	762	18016	KA	1.5	1.5	4CO
P	762	777	18017	KA	1.5	1.5	4CO
P	777	792	18018	KA	1.5	1.5	4CO
P	792	808	18019	KA	1.6	1.6	4CO
P	808	823	18110	KA	1.5	1.5	4CO 4D4

Sect 74W

DDH 76-4039 Cyprus Anvil Mining Corp Page 7 of 8

ASSAY LOG (SAMPLER'S COPY) Date Aug 13/81 Logged by ~~RST~~ Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
P	100	115	93554	15	12	4CL	(5D4)	1
P	115	128	93555	13	06	4CO		2
P	128	141	93556	13	13	4CO		
P	162	184	93557	22	22	4A		5
P	184	197	93558	13	13	4CO		
P	197	110	93559	13	13	4CO		6
P	155	161	93560	06	05	4LG		10
P	165	179	93561	06	06	4A	(4LO) 2 omits 12 & 13	12
P	183	194	93562	11	11	4GL		15
	198	202	———	04	—	4AO		17
P	208	228	93563	20	20	4AG		19
P	233	259	93564	26	26	4LG	(4AO)	21
P	259	280	93565	21	21	4A		22
	280	284	———	04	—	4LG		23
P	288	297	93566	09	09	4GL		25
	312	328	———	06	—	5C4*	(4CO)	28
	334	337	———	03	—	4GL		30
P	359	367	93567	08	06	4CO		32
P	373	379	93568	06	05	4CL		34
P	387	409	93569	22	22	4CL		37
P	427	442	93570	15	13	4E4	(4G4*)	40
P	488	493	93571	05	05	4EO		42
P	507	530	93572	23	23	4E4	[4E4+4G4] (5C4*)	44

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

74W

org

DDH 76-4039 Cyprus Anvil Mining Corp

Logged by RST

ASSAY LOG (SAMPLER'S COPY) Date Aug 13/81 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	530	549	93737	19	19	4G4	(4K4)
P	549	564	93744	15	15	4E4	(4E46por., 4K4)
P	564	579	93745	15	15	4E4	(" ")
P	579	592	93746	13	12	4G4	
P	592	605	93747	13	13	4G4	
P	605	610	93748	05	04	4C0	
P	610	625	93749	15	15	4E4	
P	625	640	93750	15	15	4E4	(5C4*)
P	659	679	93751	20	19	4E0	
P	679	702	93752	23	23	4E0	
P	726	732	93753	06	06	4L4	(4D4)
P	732	752	93754	20	20	4C0	(4G4*)
P	752	772	93755	20	18	4C0	(4G4*)
P	772	792	93756	20	20	4C0	(4G4*)
P	792	812	93757	20	20	4C0	(4G4*)
P	812	834	93758	22	22	4D4	(4E4, 4D45)
P	834	848	93759	14	14	4E4	
P	848	854	93760	06	06	4G4*	
P	854	874	93761	20	20	4E4	
P	874	894	93762	20	20	4E4	
P	894	912	93763	18	18	4E4	(4D0)
P	912	932	93764	20	20	4D4	Bx
P	932	952	93765	20	20	4D4	Bx
P	952	967	93766	15	15	4D4	Bx.

DDH 76-40-39 (2 / 8)

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

Logged By: JSM

Sampled By: KA

Code	From	To	Sample No.					Description
1	10 14	16 20	22 27					
P	1812 3	1813 8	118111	KA	1.5	1.5		4D4
P	1813 8	1815 3	118112	KA	1.5	1.5		4E4 4G4
P	1815 3	1816 9	118113	KA	1.6	1.6		4E4
P	1816 9	1818 4	118114	KA	1.5	1.4		4E4
P	1818 4	1819 9	118115	KA	1.5	1.5		4E4
P	1819 9	1911 4	118116	KA	1.5	1.5		4E4
P	1911 4	1930	118117	KA	1.6	1.6		4DK
P	1930	1945	118118	KA	1.5	1.4		4DK 3xia
P	1945	1966	118119	KA	2.0	1.7		4DK

DDH FAGU039 (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	
	425	427	XF					
	442	488	GF			999999		
	610	640	X?					
		632	XF?					
	640	655	BX					
	667	681	FGR					
	688	698	F					40° to CA
	702	726	G			999999		
	912	952	D					
	945	952	PG?S					
	952	976	D?					
	976	1006	GB					
	1080	1097	G					

Typed

DIAMOND DRILL RECORD

LOGGED BY Glenn Jetu — March 11/76

PROPERTY Grum Joint Venture (Underground) — D.D.H. No. 76 U 39 — PAGE 1/8

LATITUDE 10767.245 — BEARING OF HOLE 3+35N / 7N — Collar 330°24'17" — 100° — 184° — 185° — STARTED March 9/76

DEPARTURE 7588.402 — DIP OF HOLE 79°1W / 78W — -73°15' — COMPLETED March 10/76

ELEVATION 1194.623m — DIP TESTS Sperry-Sun — -75° — -75° — DEPTH Proposed: Ultimate: 110.3

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 oz/t	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	11.0	Quartz Sulphide with Sericite pale green to light grey, siliceous, med. foliation F_2: 90°; F_1 generally @ 5° also as foldnoses, offset along F_2; competent, sulphides as fine stringers av. 2mm wide, following F_1; details													
		0-1.5 as above fractured and broken Py 10 Pb2n6	1.0/1.5	1775	0	1.5	1.5	1.74	.43	21.26			2.61	0.65	31.89
		1.5-3.0 as above competent Py 10 Pb2n7	1.0/1.5	76	1.5	3.0	1.5	1.18	.30	17.14			1.77	0.45	25.71
		3.0-4.0 as above competent Py 10, Pb2n7	1.0/1.0	77	3.0	4.0	1.0	2.71	.53	36.34					
		4.0-6.1 as above, kaolin fault, alt zone 4.0-5.5, Py 4, Pb2n1	2.1/2.1	78	4.0	6.1	2.1	.14	.08	3.49					
		6.1-8.1 as above, traces of graphite, Py 12, Pb2n2	2.0/2.0	79	6.1	8.1	2.0	1.85	.20	18.17			3.70	0.40	36.34
		8.1-9.5 as above, pale green-yellow Py 7, Pb2n7	1.4/1.4	1780	8.1	9.5	1.4	1.95	2.43	24.34			2.73	3.402	34.076
		9.5-11.0 " " " " " Py 7, Pb2n7	1.5/1.5	81	9.5	11.0	1.5	1.44	2.00	21.26			2.16	3.00	31.89
11.0	15.4	Chlorite Sericite Phyllite dark green, well foliated, F_2: 70°, competent, first contact @ 70°, second contact geological details,	4.4/4.4												
		12.7-13.1 Quartz Sulphide with sericite, F_1: 5°													

LOGGED BY SJ D.D.H. Nº 11-39 PAGE 2/8

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
15.4	33.0	Quartz Sulphide with Sericite													
		dark grey or light green, mod. foliation F_2 · 70°													
		F_1 @ 0° folded about or affected by F_2,													
		generally highly siliceous, competent													
		details													
		15.4-15.8 as above pale green, Py 4, Pb Zn 3	0.4/0.4												
		15.8-16.5, bleached phyllite kaolin rich with	0.7/0.7												
		traces of Enshite													
		16.5-17.2 Sericite Phyllite, dark grey	0.7/0.7												
		17.2-20.2 Quartz sulphide Py 8 Pb Zn 4	3.0/3.0	1782	17.2	20.2	3.0	1.5	1.49	19.3			3.54	4.50	57.90
		20.2-22.9 as above, kaolin alt zone 20.2-20.7, Py 10, Pb Zn 5	2.7/2.7	1783	20.2	22.9	2.7	1.05	3.25	25.37			5.54	2.775	65.403
		22.9-25.9 as above, kaolin alt zone 22.9-23.1, Py 10, Pb Zn 4	3.0/3.0	1784	22.9	25.9	3.0	.65	1.65	6.17			1.95	3.05	15.51
		25.9-28.4 as above, Py 10, Pb Zn 3	2.5/2.5	1785	25.9	28.4	2.5	1.22	1.00	15.09			4.70	2.50	37.725
		28.4-28.9 · kaolin alt zone competent	.5/.5												
		28.9-30.3 · quartz sulphide with sericite, pale	1.4/1.4												
"		green, Py 5, Pb Zn 1		W.H.	17.2	25.4	11.2	1.38	1.69	14.62			15.536	18.915	163.744
		30.3-31.0 Sericite Phyllite, dark grey	0.6/0.7												
		31.0-31.9 Kaolin Enshite Alt. zone	0.9/0.9												
		31.9-33.0 quartz sulphide with sericite Py 10, Pb Zn 2	1.1/1.1												
33.0	36.0	Quartz Chlorite Phyllite	3.0/3.0												
		dark green, mod. foliation, F_2: 80°, F_1													

LOGGED BY GJ D.D.H. NO 11-39 PAGE 3/8

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		and second contacts sharp @ 80°													
		33.4-33.7 qtz. sulphide with sericite													
36.0	42.7	Quartz Sulphide with Sericite ± Chlorite													
		pale green, mod. foliation @ 90°, F_2 locally													
		evident @ 30°, very siliceous, chlorite													
		as bands (parallel F_2) cm-1cm wide massive													
		dark green; competent minor fracturing													
		@ 70° and 30° details													
		36.0-37.8 as above chlorite common, Py 10, Pb2n1	1.8/1.8												
		37.8-38.9 bleached phyllite, silicified	1.2/1.2												
		38.9-41.0 qtz sulfide Py 10, Pb2n4	2.1/2.1	1786	38.9	41.0	2.1	.58	1.33	5.91					
		41.0-42.7 kaolin fushite alt zone, 42.3(?)42.7	1.4/1.7	1787	41.0	42.7	1.7	.19	.22	3.09		x 3			
		sulphide breccia fragments of		↓											
		sulphide av. 0.2cm in matrix of													
		graphite, incompetent; Py 4, Pb2n.05													
42.7	44.4	Massive Sulphide Breccia Py 60, Pb2n 15	1.2/1.7	1788	42.7	44.4	1.7	7.59	13.05	12.06					
		fragments av. 2mm, in fine sulphide matrix													
		well healed competent													
44.4	488	Black Sericite Phyllite	3.2/4.4	[illegible]											
		sheared → fissile, F_2: 70°, incompetent													
		very foley, more siliceous section hard													
		and competent, details													

LOGGED BY JJ D.D.H. NO 11-39 PAGE 4/5

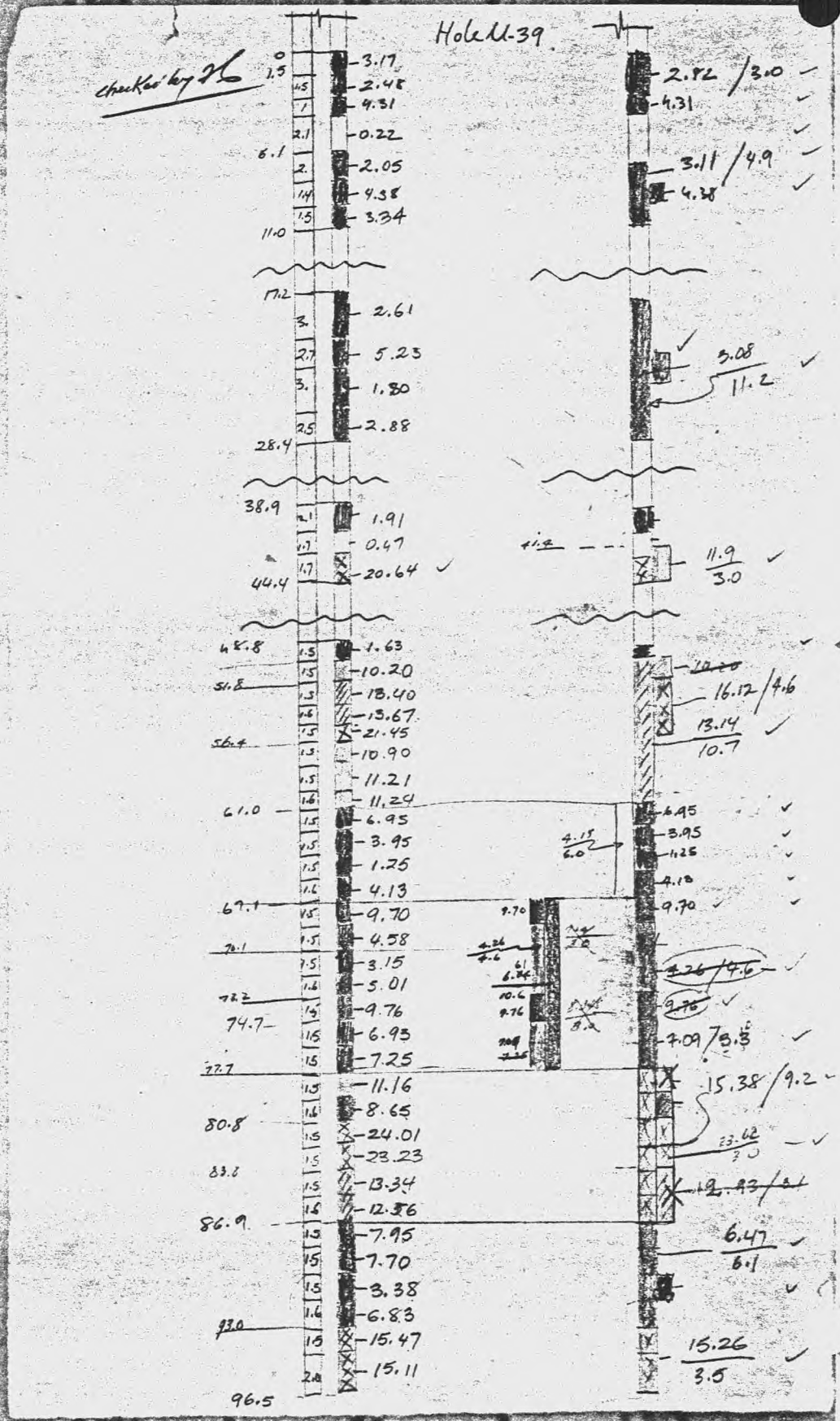
Interval From	Interval To	DESCRIPTION	Py	Pb/Zn	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		44.4 - 47.2 as above															
		47.2 - 48.8 as above, fissile but competent															
48.8	96.5	Sulphide Zone, details															
		48.8 - 49.3 Massive sulphide, faint banding @ 70°, 10% small inclusions of qtz (av 2mm)	15 20	4 8	15/ 15/	1789 1790	48.8 50.3	50.3 51.8	1.5 1.5	.63 4.75	1.00 5.45	15.87 35.37					
		49.3 - 51.0 Kaolin Fault. Alt. zone, competent, mod fol @ 70°, first contact @ 70° second contact gradational	55 40 60	14 14 +10	1.5/ 1.6/ 1.3/	91 92 93	51.8 53.3 54.9	53.3 54.9 56.4	1.5 1.6 1.5	5.70 4.20 7.69	7.70 8.7 13.76	32.56 [illegible] 35.37					
		51.0 - 52.8 Banded Massive Sulphide, banding @ 70°, granular in part, competent fracturing @ 75°, 70°	65 45 50 70	16 20 18 12	1.4/ 1.5/ 1.5/	94 1795 96	56.4 57.9 59.4	57.9 59.4 61.0	1.5 1.5 1.6	4.48 3.65 4.30	6.42 7.26 6.94	67.54 62.40 78.86					
		52.8 - 54.9 Massive Sulphide with Barite 15% barite as matrix, banding @ 70°, Fold nose @ 53.6, competent	70 50 5 40	12 8 0.5 2	1.5/ 1.5/ 1.5/	97 98 99	61.0 62.5 64.0	62.5 64.0 65.5	1.5 1.5 1.5	2.05 1.85 .53	2.90 2.10 .76	49.37 36.34 12.00					
		54.9 - 61.4 Banded Massive Sulphide banding @ 70°, Fold nose @ 59.7, generally competent, granular in part, sulphide breccia 56.7 - 57.2 and 58.0 - 58.4 fragments av. 1cm well healed by sulphide, 59.0 - 59.2 - 15% barite, 60.5 - 61.0 qtz. sulphide	40 35 70 20 1 30 20	2 4 6 4 2 14 4	1.6/ 1.4/ 1.5/ 1.5/ 1.6/ 1.5/ 1.5/	1800 01 02 03 04 1805 1806	65.5 67.1 68.6 70.1 71.6 73.2 74.7	67.1 68.6 70.1 71.6 73.2 74.7 76.2	1.6 1.5 1.5 1.5 1.6 1.5 1.5	2.55 4.75 2.30 1.50 1.75 2.23 2.50	1.58 4.25 2.28 1.55 3.23 4.10 4.75	50.40 62.40 43.54 25.37 25.37 44.23 54.61		±				
		61.4 - 63.0 Massive Sulphide Breccia	70	8(?)	1.5/	07	76.2	77.7	1.5								

LOGGED BY SJ D.D.H. Nº 11-39 PAGE 5/8

Interval From	Interval To	DESCRIPTION	Py	Psz	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		Fragments av. 1cm well healed by	20	8	1.5/	1808	77.7	79.2	1.5	3.48	7.68	100.80			5.22	11.52	151.20
		sulphide	15	7	1.6/	09	79.2	80.8	1.6	2.90	5.76	45.26			4.64	9.20	72.41
		63.0-63.4 Kaolin Enslite Alt zone	40	18	1.5/	1810	80.8	82.3	1.5	7.36	16.65	129.14			11.04	24.975	193.71
		well foliated @ 80°, competent	50	18	1.5/	1811	82.3	83.8	1.5	8.28	14.95	129.94			12.42	22.425	194.91
		63.4-64.0 Unggy Massive Sulphide	55	20	1.5/	12	83.8	85.3	1.5	5.10	8.24	80.57			7.65	12.36	120.855
		lense shaped ungs. av. 05cm	55	18	1.6/	13	85.3	86.9	1.6	4.68	7.88	59.31			7.488	12.608	94.896
		long. competent	70	12	1.4/	14	86.9	88.4	1.5	2.80	5.15	41.49			4.20	7.725	62.235
		64.0-64.5 Quartz Vein, milk white	75	10	1.5/	1815	88.4	89.9	1.5	2.90	4.80	44.23			4.35	7.20	66.345
		fractured and broken	75	10	1.5/	16	89.9	91.4	1.5	1.25	2.13	28.46			1.875	3.195	42.69
		64.5-65.5 - Kaolin Enslite Alt. Zone	50	8	1.6/	17	91.4	93.0	1.6	3.88	2.95	60.30			6.208	4.72	96.480
		with 5% sulphite, friable	30	6(?)	1.4/	18	~~93.0~~ 93.5	94.5	1.5	2.13	13.32	36.34			3.195	19.98	54.51
		incompetent, second contact	30	10	1.7/	1819	94.5	96.5	2.0	4.08	11.03	60.30			8.16	22.06	120.60
		@ 60°															
		65.5-65.9 Graphite Phyllite															
		black, fissile, F_2: 80° (=F, ?) second				1(illegible)	48.8	61.0	10.7	5.10	8.04	76.34			54.535	86.028	816.538
		contact @ 30°				"	59.8	62.4	2.6	6.07	10.05	53.08			15.782	26.133	138.008
		65.9-66.5 Massive Sulphide, structureless				"	74.7	77.7	3.0	5.96	4.73	37.37			17.88	14.19	112.110
		py rich, competent				"	77.7	86.1	9.2	6.26	10.12	81.35			57.592	93.104	748.420
		66.5-68.4 Fault Zone details				"	86.1	92.0	6.1	9.98	15.70	129.64			60.878	95.77	790.804
		66.5-67.3 Massive Sulphide with				"	93.0	96.5	3.5	3.25	12.01	56.05			11.375	42.035	196.175
		15% qtz, fractured and broken,				"	94.1	97.7	3.6	9.53	4.08	44.53			34.308	14.688	160.308
						"	61.0	67.0	6.0	2.05	2.10	27.97					

LOGGED BY JJ D.D.H. NO U-39 PAGE 7/8

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		72.4-73.0 - Bleached Sericite Phyllite pale yellow, F_2 = 75°; F_1 @ 90° to F_2 CA 15°, 5% sulphides													
		73.0-83.4 Quartz Sulphides 40±10% qtz, sulphides as bands av 0.5cm wide or as diss. in qtz., banding @ 50°±10°, (F_1), Foldnose @ ±75.6; competent													
		83.4-91.2 Banded Massive Sulphide banding @ 70°, competent, first contact gradational													
		91.2-96.5 Massive Sulphide Breccia with 10% qtz (as fragments), fragments av 0.1cm range to > 2cm, detail 91.2-93.0 - as above well healed by sulphide 93.0-96.5 - as above, poorly healed by minor sulphide and yellow chert(?), vuggy texture. second contact @ 65°													
		End of Sulphide Zone													
96.5	110.3	Sericite Phyllite													


Hole M-39
checked by JK
0
1.5
6.1
11.0
17.2
28.4
38.9
44.4
48.8
51.8
56.4
61.0
67.1
70.1
72.2
74.7
77.7
80.8
83.8
86.9
93.0
96.5
3.17
2.48
4.31
0.22
2.05
4.38
3.34
2.61
5.23
1.80
2.88
1.91
0.47
20.64
1.63
10.20
18.40
13.67
21.45
10.90
11.21
11.24
6.95
3.95
1.25
4.13
9.70
4.58
3.15
5.01
9.76
6.93
7.25
11.16
8.65
24.01
23.23
13.34
12.56
7.95
7.70
3.38
6.83
15.47
15.11
2.82 / 3.0
4.31
3.11 / 4.9
4.38
3.08
11.2
11.9
3.0
16.12 / 4.6
13.14
10.7
4.15
6.0
6.95
3.95
1.25
4.13
9.70
4.26 / 4.6
9.76
7.09 / 8.3
15.38 / 9.2
6.47
6.1
15.26
3.5

LOGGED BY SJ

D.D.H. NO 4-39 PAGE 8/8

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay % Pb	Assay % Zn	Assay % Ag
		talcy, details;													
		96.5-100.6 Fault Zone consists mainly of sheared → pulverized sericite phyllite	2.0/4.1												
		Fault gouge @ 96.8-97.3, 98.7-99.1 and 99.5-100.6, consist of sericite rich mud with fragments to 1cm diameter of qtz and rarely sulphide													
		100.6-108.0 Sericite Phyllite fissile to sheared incompetent	3.9/7.4												
		108.0-110.3 Fault Zone	0.7/2.3												
		Fault Gouge 108.0-108.2 and 108.6-109.2 with sericite rich mud and fragments of qtz and phyllite range to 1cm diameter.													
		* Silicified sericite Phyllite @ 108.2-108.6 and 109.2-110.3 as fragments av. 1cm in diameter (coarse gravel)													
	110.3	~~110.3~~ End of Hole													

FAGU040

DRILL HOLE : FAGU040
NORTHING : 904,973.1
EASTING : 592,282.1
ELEVATION : 1,134.0
TOTAL DEPTH : 108.8
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:	40
NOS DOWN-H-SURVEYS:	3
NOS DOWN-H-LITHOLOGY:	32
NOS DOWN-H-STRUCTURE:	23
NOS DOWN-H-FAULTS:	13
NOS DOWN-H-SPLINES:	3
NOS COMPOSITES:	0

DDH: FAGU040 UTM-N: 904,973.1 UTM-E: 592,232.1 UTM-ELEV: 1,134.0 TOTAL DEPTH: 108.8 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	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.0	08948	2.0	.9	4CO	2.99	.04	1.14	1.70	18.00		.41	3	5	8						
2.0	4.0	08949	2.0	.9	4CO	3.07	.08	1.76	1.74	29.00		.55		9	9						
4.0	5.8	08950	1.8	1.6	4CO	2.96	.06	1.01	.65	17.00		.41	2	4	6						
6.6	7.9	09104	1.3	1.3	4AO	2.95	.04	1.76	2.90	27.00		.62		4	5						
8.5	10.1	09105	1.6	1.4	4CA	2.92	.06	1.02	1.36	16.00		.41	1	6	8						
11.1	12.9	09106	1.8	1.8	4AO	2.89	.04	1.43	.65	16.00		.62		5	5						
17.7	18.6	09107	.9	.8	4AO	2.89	.03	1.59	2.50	19.00		.75		2	3						
18.6	20.5	09108	1.9	1.8	4AO	2.94	.03	1.44	1.84	17.00		.82		3	4						
21.5	23.5	09109	2.0	1.9	4AO	3.02	.05	2.50	2.03	28.00		.69		7	8						
23.5	25.5	09110	2.0	2.0	4AO	2.98	.07	2.60	.93	27.00		.82		6	6						
25.5	27.5	09111	2.0	2.0	4AO	2.98	.09	.33	.44	8.00		.82		8	8						
27.5	29.5	09112	2.0	1.8	4AO	2.93	.08	.27	.61	7.00		.69		7	8						
29.5	31.0	09113	1.5	1.5	4AO	3.06	.11	.13	.36	5.00		.48	1	10	12						
31.0	32.2	09114	1.2	1.2	4AO	2.96	.09	.08	.24	5.00		.27	2	7	9						
36.3	37.8	09115	1.5	1.5	4AO	3.10	.08	.29	1.00	8.00		.62		11	12						
37.8	39.5	09116	1.7	1.6	4AO	3.15	.09	1.47	2.70	25.00	27.00	.69		8	9						
39.5	41.5	09117	2.0	2.0	4A4	3.26	.08	2.60	3.00	50.00		1.10	1	11	12						
41.5	43.6	09118	2.1	2.1	4AO	3.28	.10	.09	.36	7.00		.82	1	16	17						
43.6	45.6	09119	2.0	2.0	4E4	4.43	.19	5.40	9.60	76.00		1.51	1	27	28						
45.6	46.6	09120	1.0	1.0	4G4	4.15	.19	5.50	8.10	97.00		1.37	1	23	25						
54.4	56.2	09121	1.8	1.8	4AG	3.65	.18	2.60	4.70	87.00		1.23	1	17	18						
57.9	59.9	09122	2.0	2.0	4GE#	4.06	.14	3.40	5.20	69.00		1.37	1	25	26						
59.9	61.9	09123	2.0	2.0	4GE#	3.97	.05	2.80	5.00	59.00		1.17	1	13	14						
61.9	63.5	09124	1.6	1.6	4GE#	4.43	.09	5.10	8.90	92.00		1.03		18	19						
64.6	65.6	09125	1.0	.9	4EL	3.59	.13	2.90	3.70	64.00	60.00	.75	1	15	17						
65.6	67.6	09126	2.0	1.9	4GE#	4.08	.10	3.40	6.10	63.00		.82	1	17	18						
67.6	69.6	09127	2.0	2.0	4GE#	4.29	.15	3.80	6.80	85.00		.96		20	21						
69.6	71.6	09128	2.0	2.0	4GE#	4.17	.26	3.50	6.30	105.00		1.30	1	23	24						
71.6	73.0	09129	1.4	1.4	4GE#	4.38	.21	4.70	7.80	114.00		1.17		20	21						
73.0	74.7	09130	1.7	.9	4GE#	4.33	.16	4.70	7.30	122.00		1.30		22	23						
85.8	87.8	09131	2.0	1.6	4AO	3.16	.11	.67	1.25	19.00		.55	7	9	16						
87.8	89.8	09132	2.0	1.7	4AO	2.98	.12	.16	.94	8.00		.34	5	6	11						
89.8	91.8	09133	2.0	2.0	4AO	3.02	.23	.26	2.00	15.00		.48	6	7	13						
91.8	93.8	09134	2.0	1.7	4AO	3.43	.33	1.69	3.10	44.00		.55	6	15	21						
93.8	95.8	09135	2.0	.9	4AO	3.28	.07	.47	2.30	16.00		.21	4	14	18						
95.8	97.8	09136	2.0	2.0	4AO	3.08	.11	.79	1.98	17.00		.14	2	9	12						
97.8	99.0	09137	1.2	1.2	4AO	2.93	.10	.09	.56	6.00		.21	3	6	10						
99.0	100.5	09138	1.5	1.5	4AO	3.03	.09	.16	.99	8.00		.41	4	7	11						
100.5	102.7	09139	2.2	2.2	4E4	3.84	.07	4.10	11.40	79.00		.89	5	17	22						
102.7	104.9	09140	2.2	1.8	4E4	3.76	.17	4.20	5.00	72.00		2.06	2	16	18						
WEIGHTED AVERAGE																					
.0	5.8		5.8	3.4		3.00	.06	1.31	1.38	21.48		.45	2	6	8						

DDH: FAGD040 UTM-N: 904,973.1 UTM-E: 592,282.1 UTM-ELEV: 1,134.0 TOTAL DEPTH: 108.8 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	AL(FA) G/MT	PO %	PY %	TCT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
6.6	7.9		1.3	1.3		2.95	.04	1.76	2.90	27.00		.62		4	5						
8.5	10.1		1.6	1.4		2.92	.06	1.02	1.36	16.00		.41	1	6	8						
11.1	12.9		1.8	1.8		2.89	.04	1.43	.65	16.00		.62		5	5						
17.7	20.5		2.8	2.6		2.92	.03	1.48	2.05	17.64		.79		3	4						
21.5	32.2		10.7	10.4		2.98	.07	1.09	.82	14.34		.66		7	8						
36.3	46.6		10.3	10.2		3.53	.11	2.39	3.89	40.60	4.45	1.01	1	16	17						
54.4	56.2		1.8	1.8		3.65	.18	2.60	4.70	87.00		1.23	1	17	18						
57.9	63.5		5.6	5.6		4.13	.09	3.67	6.18	72.00		1.20	1	19	20						
64.6	74.7		10.1	9.1		4.17	.16	3.84	6.47	92.77	5.94	1.06	1	20	21						
85.8	104.9		19.1	16.6		3.28	.14	1.39	3.21	30.85		.62	4	11	16						

DDH: FAGU040 UTM-N: 904,973.1 UTM-E: 592,282.1 UTM-ELEV: 1,134.0 TOTAL DEPTH: 108.8 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	143.800	225.300
45.700	149.000	235.000
91.400	149.100	251.000

DDH: FAGU040 UTM-N: 904,973.1 UTM-E: 592,282.1 UTM-ELEV: 1,134.0 TOTAL DEPTH: 108.8 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
5.8	0001	4CC		0.5-	1
6.6	0002	5C4*		0.5-	1
7.9	0003	4AO		0.5-	1
8.5	0004	5C4*	MOTTLED	0.5-	1
10.1	0005	4CO	(4A14) 90:10	0.5-	1
11.1	0006	5C4*	MOTTLED	0.5-	1
12.9	0007	4AO	PHYLLITIC	0.5-	1
17.7	0008	4LO	-> 4L14 (5D4*) 50:50	0.5-	1
20.5	0009	4AO	PHYLLITIC	0.5-	1
21.5	0010	4CO	(5D4*) [4CL]	0.5-	1
32.2	0011	4AO	PHYLLITIC (4A14)GRAPHITIC[4AO]	0.5-	1
36.3	0012	4L1	-> 4L14	0.5-	1
38.8	0013	4AO	GRAPHITIC	0.5-	1
39.5	0014	4AO	BXA	0.5-	1
43.6	0015	4AO	(4A4) GRAPHITIC	0.5-	1
45.6	0016	4E4		0.5-	1
46.6	0017	4G4	(5C4*) MINOR	0.5-	1
54.4	0018	5AC	(5A19) &$ -> 4AO LOCALLY	0.5-	1
56.2	0019	4AG		0.5-	1
57.9	0020	5C4*	MOTTLED	0.5-	1
63.5	0021	4G4#	(4E4#) 50:50	0.5-	1
64.6	0022	5C4*	MOTTLED	0.5-	1
65.6	0023	4EC	BXA (5C4* BXA)	0.5-	1
74.7	0024	4GE#	BXA	0.5-	1
77.0	0025	5AO	?	0.5-	1
79.2	0026	5A3	(10QO)	0.5-	1
80.8	0027	5AO	?	0.5-	1
85.8	0028	5A&	$?	0.5-	1
100.5	0029	4AO	GRAPHITIC (4HC) BXA	0.5-	1
104.9	0030	4E4	?	0.5-	1
105.9	0031	5AO	?	0.5-	1
108.8	0032	5AO	-> 582	0.5-	1

DDH: FAGU040 UTM-N: 904,973.1 UTM-E: 592,282.1 UTM-ELEV: 1,134.0 TOTAL DEPTH: 108.8 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD 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	OHDC	SDC	PRCCESS
FAGU040	0.0	6.1	CS2		0	0	0	0	65	230	0	1	1	1
FAGU040	0.0	10.5	CS2		0	0	0	0	75	230	0	1	1	1
FAGU040	0.0	14.8	CS2		0	0	0	0	55	230	0	1	1	1
FAGU040	0.0	21.5	CS2		0	0	0	0	67	230	0	1	1	1
FAGU040	0.1	22.9	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU040	0.0	27.0	CS2		0	0	0	0	72	230	0	1	1	1
FAGU040	0.0	31.0	CS2		0	0	0	0	66	230	0	1	1	1
FAGU040	0.0	36.7	CS2		0	0	0	0	65	230	0	1	1	1
FAGU040	0.0	40.5	CS2		0	0	0	0	55	230	0	1	1	1
FAGU040	22.9	41.1	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU040	0.0	41.9	CS2		0	0	0	0	56	230	0	1	1	1
FAGU040	41.1	42.7	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU040	42.7	46.6	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU040	0.0	48.5	CS2		0	0	0	0	65	230	0	1	1	1
FAGU040	0.0	50.8	CS2		0	0	0	0	70	230	0	1	1	1
FAGU040	46.6	54.3	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU040	54.3	85.3	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU040	0.0	85.6	CS2		0	0	0	0	50	230	0	1	1	1
FAGU040	85.3	88.4	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU040	0.0	97.5	PS2		0	0	0	0	38	230	0	1	1	1
FAGU040	0.0	99.0	PS2		0	0	0	0	45	230	0	1	1	1
FAGU040	0.0	106.0	PS2		0	0	0	0	53	230	0	1	1	1
FAGU040	88.4	108.8	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGU040 UTM-N: 904,973.1 UTM-E: 592,282.1 UTM-ELEV: 1,134.0 TOTAL DEPTH: 108.8 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
FAGU040	22.2	22.4	X			0	0	0	0	0	0	1
FAGU040	37.8	39.5	GX			0	0	20	180	0	0	1
FAGU040	56.2	57.9	G			0	0	0	0	0	0	1
FAGU040	0.0	63.5	XG			0	0	0	0	0	0	1
FAGU040	64.6	65.6	XG?			0	0	0	0	0	0	1
FAGU040	65.6	74.7	XD?			0	0	0	0	0	0	1
FAGU040	74.7	77.0	G			0	0	0	0	0	0	1
FAGU040	77.0	79.2	3B			0	0	0	0	0	0	1
FAGU040	79.2	80.8	G			0	0	0	0	0	0	1
FAGU040	80.8	85.8	3B			0	0	0	0	0	0	1
FAGU040	85.8	86.1	D?			0	0	0	0	0	0	1
FAGU040	100.5	104.9	3B			0	0	0	0	0	0	1
FAGU040	104.9	105.9	G			0	0	0	0	0	0	1

DDH: FAGU040 UTM-N: 904,973.1 UTM-E: 592,282.1 UTM-ELEV: 1,134.0 TOTAL DEPTH: 108.8 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU040	1	2
FAGU040	2	2
FAGU040	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U040

Project: Grum Relog

Location: Vangorda Plateau

Claim:

UTM Terr. Plane Co-ords.: 6904973.098 N

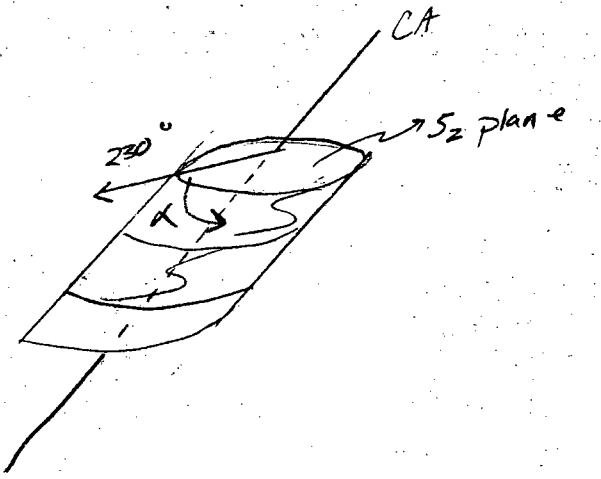
Conversion of K-A surveyed grid coords 592282.087 E

Grid Co-ords.: 74W/3N

Elevation: 1133.97

Total Depth: 108.8

Fabric Orientation Diagram:



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

Purpose:

Re-Logged by: ISM Date(s) Logged: July 30, 31 1980

Drilling Contractor:

Core:	Size	From	To	Collar Cased and Capped:
	BQ	0	108.8	

Started: 3/10/76 Completed: 3/12/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U-04-0 (2 / 8)

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U-04-0	11133 (4.0)	9049731.1	5922821.1	METRES

225.3 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U-04-0	0	143.8	223.8	AT COLLAR
R	76-U-04-0	445.7	149.0	235.0	SPERRY SUN
R	76-U-04-0	911.4	149.1	251.0	
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 76-404.0 (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	100	158	1	4C10	w/ intbd of buff orange 5D43 + minor white mica
L	158	166	2	5Ø14	* mottled altered to buff $CO_3^=$ and mariposite
L	166	179	3	4A10	4% Pb Zn? qtz/ank. fracs // to c.a.
L	179	185	4	5Ø14	*mot mottled altered (more altered than unit 2)
→ L	185	1101	5	4C10	(4A14) 0.2m 4A14 in middle of unit.
L	1101	1111	6	5Ø14	*mot mottled-altered & orange-massive
→ L	1111	1129	7	4A10	phyll. ↗ 4CO @ EOI
L	1129	1177	8	4L10	→ 4L14/5D4 mott-alt. 50:50 interbds, minor talc in 5D4
→ L	1177	2105	9	4A10	phyllitic (↑ 1st 0.3m of unit 4CO)
L	2105	2115	10	4C1L	4C1/5D4 mott-alt intbds — similar to unit 8/bxd lower cn
→ L	2115	3122	11	4A10	phyllitic (4A14) graphitic 4A14 for 1st 0.9m of unit/bxtd for 0.2m @ endof Unit 4
L	3122	3163	12	4L11	→ 4L14 minor py sphal + gn // ↑ 229-24.4 close to 4L14
→ L	3163	+3178	13	4A10	graphitic
L	+3178	3995	14	4A10	bxiated + gouged 180° to Sz 20° to c.a.
→ L	3995	4136	15	4A10	(4A14) graphitic 4A14 for 0.8m @ start of unit.
L	4136	4566	16	4E14	11% Pb Zn minor 4L w/ mariposite @ EOI
L	4566	4666	17	4G14	5" 5D4 mottled-altered to marip @ 46.3; 15-16% Pb Zn
→ L	4666	+5144	18	5A10	(5A19) Reacts variably c 10% HCl. Minor sfdes. Graph > qtz almost reaches 4A contact
L	5144	5162	19	4A1G	highly altered 4C(?) @ EOI. grades to 4A w/ grey mica, grades to 4G, then grades to 4A0 (downwards) 0.3m 4A at bottom
L	5162	5179	20	5Ø14	*mot mottled altered (mariposite) remnants in a mostly mariposite gouge zone sub // Sz
L	5179	6135	21	4G1E	* 50:50 4E4/4G4 no distinct boundaries, minor 4L intbds bands to 10cm
L	6135	6146	22	5Ø14	*mot mottled-altered to mariposite/bx gouge grey 0.2m at start of unit (↑ 4L2* from 59.4 to 60.9)
L	6146	6156	23	4L1E	? bxia: clasts of 4E (up to 2") in bxiated mariposite matrix
L	6156	7447	24	4G1E	* well healed sfd bxia. clasts + matrix seem to be either 4E, 4E4, or 4G4. Some matrix is highly calc! Some cc filled vuggy fracturing
L	7447	7710	25	5A10	? black graphitic gouge →
L	7710	7912	26	5A13	broken pebble sized core, graphitic phyll + QQ
L	7912	8108	27	5A10	? light gray to black gouge
L	8108	8558	28	5A13	$FeCO_3^=$? mostly broken pebble-sized core. Possibly 5A37 @ EOI (thin laminae that look sort of like mottled 5D)
L	8558	10105	29	4A10	graph 2.5% Pb Zn (4H0) bx over 0.3m @ start of unit/4E0 93.5-94m @ 94, 94.5,
L	10105	10491	30	4E4	? v. chewed up some pebble-sized core, @ EOI v. sfd-rich 4A

DDH 76-K040 (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	
					highly fractured ankerite & stdc healed.
L	1,049	1,059	31	5A10	? black graphitic gouge
L	1,059	1,088	32	5A10	or maybe 5B26. very black but graphite doesn't rub off
					NB From 99 m to bottom of hole essentially bxtl units and ground core.

DDH 76-U040 (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		61	CIS2			65 230	S region 0-22.9
S		105	CIS2			75 230	
S		148	CIS2			55 230	
S		215	CIS2			67 230	
S		229	IF2	E			Z region 22.9-41.1
S		270	CIS2			72 230	
S		310	CIS2			66 230	
S		367	CIS2			65 230	
S		405	CIS2			55 230	
S		411	IF2	3			S region 41.1-42.7
S		419	CIS2			56 230	
S		427	IF2	S			R region 42.7-46.6
S		466	IF2	R			S region 46.6-54.3
S		485	CIS2			65 230	
S		508	CIS2			70 230	
S		543	IF2	S			R region 54.3-85.3
S		853	IF2	R			Z region 85.3-88.4
S		856	CIS2			50 230	
S		884	IF2	Z			R region 88.4-105.2
S		975	PIS2			38 230	
S		990	PIS2			45 230	
S		1052	IF2	R			P region 105.2-108.8
S		1060	PIS2			58 230	
S		1088	IF2	P			EOH

DDH 76U-040 Cyprus Anvil Mining Corp

Page 6 of 7

Logged by RST

ASSAY LOG (SAMPLER'S COPY) Date Aug 13/81 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	020	894 8	20	09	4C01	(5D43)
P	020	040	894 9	20	09	4C01	(5D43)
P	040	058	8950	18	16	4C01	(5D43
P	166	179	9104	13	13	4A01	
P	185	101	9105	16	14	4C01	(4A14)
P	111	129	9106	18	18	4A01	phyll.
P	177	186	9107	09	08	4A14	graph
P	186	205	9108	19	18	4A01	phyll.
	205	215		10		4CL1	
P	215	235	9109	20	19	4A01	phyll
P	235	255	9110	20	20	4A01	"
P	255	275	9111	20	20	4A01	"
P	275	295	9112	20	18	4A01	"
P	295	310	9113	15	15	4A01	"
P	310	322	9114	12	12	4A01	"
P	363	378	9115	15	15	4A01	graph
P	378	395	9116	17	16	4A01	Bx
P	395	415	9117	20	20	4A01	(4A4) graph
P	415	436	9118	21	21	4A01	
P	436	456	9119	20	20	4E4	(4L)
P	456	466	9120	10	10	4G4	(5C4)
P	544	562	9121	18	18	4A1G	
P	579	599	9122	20	20	4G1E*	(4L)
P	599	619	9123	20	20	4G1E*	(4L)
P	619	635	A124	16	16	4G1E*	(4L)
P	646	656	9125	10	09	4L1E	
P	656	676	9126	20	19	4G1E*	
P	676	696	9127	20	20	4G1E*	
P	696	716	9128	20	20	4G1E*	

DDH 764-040 (2 — 8) Cyprus Anvil Mining Corp

Page 7 of 7

Logged by PBT

ASSAY LOG (SAMPLER'S COPY) Date Aug 13/81 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	7.16	7.30	91129	14	14	4GE*	
P	7.30	7.47	91130	17	09	4GE*	
P	8.58	8.78	91131	20	16	4A01	(4HO)
P	8.78	8.98	91132	20	17	4A01	
P	8.98	9.18	91133	20	20	4A09	
P	9.18	9.38	91134	20	17	4A01	(4EO)
P	9.38	9.58	91135	20	09	4A01	(4EO)
P	8.58	9.78	91136	20	20	4A01	
P	9.78	9.90	91137	12	12	4A01	
P	9.90	10.05	91138	15	15	4A01	
P	10.05	10.27	91139	22	22	4E41	
P	10.27	10.49	91140	22	18	4E41	

DDH 76-1040 (2 / 8)

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

Logged By: JSM

Sampled By: KA

Code	From	To	Sample No.				Description
1	10 14	16 20	22 27				
P	1412	1434	118210	KA	0.7	0.7	4AO
D	1434	1450	118211	KA	1.6	1.6	4E4
P	1450	1467	118212	KA	1.7	1.7	4E4, 4G4
P	1547	1562	118213	KA	1.5	1.5	4AG
D	1562	1594	118214	KA	1.6	1.6	5D4, 4GE
P	1594	1610	118215	KA	1.6	1.6	4GE
P	1610	1625	118216	KA	1.5	1.5	4GE
P	1625	1640	118217	KA	1.5	1.5	5D4
P	1640	1655	118218	KA	1.5	1.5	4LE
P	1655	1671	118219	KA	1.6	1.6	4GE
P	1671	1686	118310	KA	1.5	1.5	4GE
P	1686	1701	118311	KA	1.5	1.5	4GE
P	1701	1716	118312	KA	1.5	1.5	4GE
P	1716	1732	118313	KA	1.6	1.6	4GE
P	1732	1747	118314	KA	1.5	0.9	4GE
P	1858	1884	118315	KA	2.6	2.0	4AO
P	1884	1899	118316	KA	1.5	1.3	4AO
P	1899	1914	118317	KA	1.5	1.4	4AO
P	1914	1930	118318	KA	1.6	1.5	4AO
P	1930	1945	118319	KA	1.5	1.4	4AO
P	1945	1960	118410	KA	1.5	0.8	4AO
P	1960	1975	118411	KA	1.5	1.4	4AO
D	1975	1991	118412	KA	1.5	1.5	4AO
P	1991	10106	118413	KA	1.5	1.5	4AO
P	10106	10121	118414	KA	1.5	1.3	4E4
P	10121	10136	118415	KA	1.5	1.4	4E4
P	10136	10146	118416	KA	1.0	1.0	4E4

DDH FAGU040 (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	
	2222	2224	X					45° to CA
	3798	3955	GX			2080		
	5622	5799	G					
		6355	XG					
	6466	6566	XG?					
	6566	7477	XD?					
	7477	7706	G					
	7706	7923	BG					
	7922	8086	G					
	8080	8588	BG					
	8588	8611	D?					
	10065	10499	BG					
	10499	10599	G					
	~~9970~~	~~10288~~						

C.A.M.C. 1981 – E – 4

Typed

DIAMOND DRILL RECORD

LOGGED BY Glenn Iuta

D.D.H. Nº 76 U-40 PAGE 1

PROPERTY Grum Joint Venture (Underground)

CLAIM Nº

LATITUDE 10767.00 S1 3+2.5 SW

DEPARTURE 7588.308 74W 74.0 SW

ELEVATION 1144.X 897

STARTED March 10 | 76

COMPLETED March 12 | 76

PROPOSED DEPTH

ULTIMATE DEPTH 108.8

HOLE SURVEY:		
DEPTH	BEARING	DIP
collar	~~225°-00'~~	-54°
Collar	225°20'45"	-53°58'
50' = 45.72'	234°	-59'
300' = 91.44	241°	-59°

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	43.4	Quartz Sulphide with Sericite + Graphite dark grey to light green, mod. foliation F_2 = 80 ± 5°; F_1 structures generally not evident, @ 40° to F_2 and tightly folded; graphite locally trace amounts; very siliceous, sulphides (Py, sph, gal) 1 av 10% of 5% as fine bands or disc in qtz. bands parallel either F_1 or F_2 structure; core generally competent parting along F_2 av. 5cm long segments; kaolin-fuchsite alt zones @ 5.8-6.5, 8.0-8.4, 10.3-10.7, 13.4-13.6, 14.7-15.3, 16.5-16.8, 21.0-21.4; second (37.7-39.3 breccia, fragments of py host qtz. diss, sericite matrix and 39.1-39.3 sheared pulverized contact gradational; sulphides ~ 15% py · 1-2% sph													
43.4	46.7	Banded Massive Sulphide	Py	sph+gal											
		fine banding @ 60°, generally massive	20	1	0.7/	1820	42.7	43.4	0.7	.07	.48	5.14			
		texture, competent, fracturing @ 80°, 0°	70	15	1.6/	1821	43.4	45.0	1.6	6.10	9.92	55.72			
					1.7/					6.10	9.20	35.12			
													17.76	15.872	137.15
													17.77	15.64	162.62

LOGGED BY SS D.D.H. NO U-40 PAGE 2

Interval From	Interval To	DESCRIPTION	Py	Sp	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
		46.2-46.3, 46.3-46.7 massive sulphide with 15% barite				W.84	43.4	46.1	3.3	6.10	9.55	90.54			20.13	31.52	298.78
46.7	54.7	Graphite Sericite Phyllite grey-black, well foliated, F_2 : 80°, parting along F_2 common segments av. 2cm long, generally competent, 2% sulphides (py) locally as diss in qtz rich bands, F_1 structures rare @ 90° to F_2, details			6.8/8.0												
		54.3-54.5 as above with 10% sulphides															
		54.5-54.7 kaolin alt zone with 5% sulphides as diss and small blebs															
54.7	74.7	Massive Sulphide Zone															
		generally competent, fracturing @ 70°, 40°	40	10	1.5/	1823	54.7	56.2	1.5	2.23	4.03	60.84					
		and 15°, details			/1.6			57.8									
		54.7-55.9 Massive sulphide with 10% qtz as matrix, faint banding @ 80°	60	12	1.6/	1824	57.8	59.4	1.6	5.20	7.17	93.94			8.32	11.472	150.304
			15	2	1.6/	1825	59.4	61.0	1.6	.48	.70	8.23			.768	1.12	13.168
		55.9-56.2 Graphite Phyllite F_2 : 85° with 10% sulphide	40	16	1.5/	26	61.0	62.5	1.5	6.15	10.43	102.56			9.225	15.645	153.84
			40	10	1.5/	27	62.5	64.0	1.5	3.70	6.15	58.63			5.55	9.225	87.945
		56.2-57.8 Kaolin Fmabite alt zone	15	5	1.5/	28	64.0	65.5	1.5	1.55	1.70	37.37			2.325	2.55	56.055
		sheared → pulverized, incompetent	40	11	1.6/	29	65.5	67.1	1.6	3.20	5.20	61.37			5.12	8.32	98.192
			40	20	1.5/												

LOGGED BY _____ D.D.H. Nº U-40 PAGE: 3

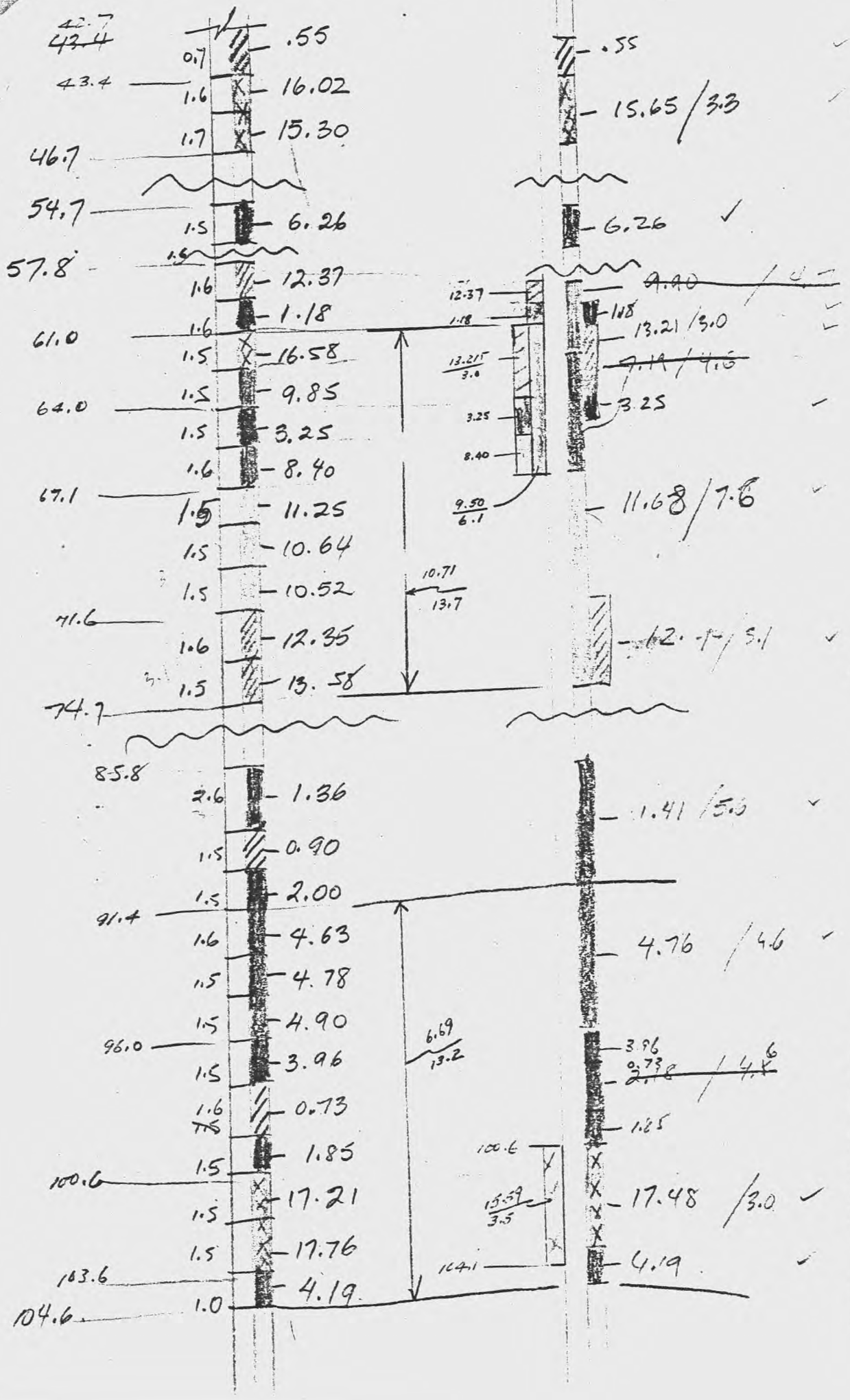
Interval From	Interval To	DESCRIPTION			Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay Σ Pb	Assay Σ Zn	Assay Σ Ag
		fragments range to >10cm (showing	50	14	1.5/	1021	68.6	70.1	1.5	3.48	6.66	55.72			5.97	9.99	128.58
		banding of various orientations) av. 0.5cm	35	12	1.5/	32	70.1	71.6	1.5	3.40	6.62	92.92			5.85	9.93	139.38
		well healed by sulphide and qtz.	40	12	1.6/	33	71.6	73.2	1.6	4.80	7.55	95.74			7.68	12.08	157.484
59.2	60.9	Quartz Sulphide, 30%	30	15	0.9/	1834	73.2	74.7	1.5	5.18	8.40	117.94			7.77	12.6	176.91
		qtz, banding @ 70°, 60.4-60.6				wt Av	61.0 61.0	67.1 64.0	6.1 3.0	3.66 3.32	5.86 5.29	64.77 8.34			22.320 4.334	35.740 24.930	395.247 265.224
		sericitic phyllite (with kaolin) F_2				W. Av.	67.1	74.7	7.6	4.39	7.35	90.28			32.895	55.85	686.64
		@ 70° and F_1 distinct @ 90°-to-F_2				W. Av.	71.6	74.7	3.1	4.98	7.96	108.03			15.45	24.68	334.89
		but tightly folded.				W. Av.	57.8	62.5	4.7	3.59	6.01	69.61			16.83	28.25	327.17
						WT Av.	61.0	74.7	13.7	4.02	6.67	79.02			55.12	91.59	1082.14
60.9	63.5	Massive Sulphide with Barite															
		15% barite, sulphide banding @															
		80°															
63.5	65.6	Kaolin-Fuchsite Alt zone, F_2=80°															
		F_1 locally distinct @ 90° to F_2															
		bands of massive sulphide av. 4cm															
		wide @ 65.0 and 65.3 @ 40°.															
65.6	72.7	Massive Sulphide Breccia															
		fragments of massive sulphide-barite															
		av. 1cm well healed by matrix of															
		barite, qtz ± sulphide, 69.9-70.1															
		and 70.7-71.2 matrix sericite rich															
		and fragments of sericite phyllite															

LOGGED BY _____ D.D.H. Nº 12-40 PAGE 6

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay R Pb	Assay R Zn	Assay R Ag
		20% barite as matrix, sulphide banding @ 90°													
74.7	85.8	Fault Zone													
		74.7-76.0 fault gouge black mud with fragments of sericite-graphite phyllite up to 1cm diameter	0.8/1.3												
		76.0-76.4 Sericite Phyllite, dark grey siliceous hard, strongly fractured and broken - as gravel.	0.3/0.4												
		76.4-76.8 fault gouge grey-black mud with fragments of sericite phyllite up to 2cm diameter	0.2/0.4												
		76.8-78.7 Sericite Phyllite, dark grey, well foliated @ 70° fissile incompetent	1.0/1.9												
		78.7-78.9 - qtz vein, milk white fractured	0.2/0.2												
		78.9-79.1 - fault gouge, dark grey mud with fragments of qtz and sericite phyllite	0.2/0.2												
		79.1-79.2 qtz. vein highly fractured and broken	0.1/0.1												
		79.2-80.8 fault gouge - dark grey black	0.8/1.6												

LOGGED BY _____ D.D.H. NO U-40 PAGE 5

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		av. 0.5cm diameter													
		80.8 - 85.3 Sericite Phyllite, dark grey tuley, fissile incompetent	1.4/4.5												
		85.3 - 85.8 Sericite Phyllite, dark grey F_2 · 60°, competent	0.4/05												
85.8	104.6	Quartz Sulphide with Graphite well foliated, F_2 = 20° 35° but erratic may range to 90°, F_1 rarely evident @ 90° to F_2, fracturing common, @ 70°, 40°, 30° 5°, minor ~~fracture~~ parting along F_2; colour - dark grey, sulphides av. 15± 5% as disseminate in qtz rich bands, & follow F_2 structure details													
		85.8 - 88.4 as above, massive sulphide 85.8-86.1, Py 12, Pb 4	2.0/2.6	1835	85.8	88.4	2.6	.43	.93	8.91					
		88.4 - 89.9 as above Py 5, Pb 2n 6	1.3/1.5	36	88.4	89.9	1.5	.15	.75	5.14					
		89.9 - 91.4 as above Py 10, Pb 2n 6	1.4/1.5	37	89.9	91.4	1.5	.30	1.70	12.00					
		91.4 - 93.0 " " Py 15, Pb 2n 7	1.5/1.6	38	91.4	93.0	1.6	1.68	2.95	32.23			2.688	0.72	51.568
		93.0 - 94.5 " " , massive sulphide 94.0-94.1, Py 15, Pb 2n 5	1.0/1.5	39	93.0	94.5	1.5	1.68	3.10	37.37			2.52	2.05	56.055
		94.5 - 96.0 " " , Py 20, Pb 2n 4	0.8/1.5	18 40	94.5	96.0	1.5	.80	4.10	19.03			1.20	6.15	28.545
		96.0 - 97.5 " " , Py 10, Pb 2n 6	1.4/1.5	41	96.0	97.5	1.5	1.43	2.53	20.23			2.15	3.80	30.35
		97.5 - 99.1 " " , Py 10, Pb 2n 5	1.5/1.5	42	97.5	99.1	1.6/1.5	.08	.65	5.14			0.13	1.04	8.22
			1.5/					.35	1.50	8.91			0.53	2.25	13.37


42.7
43.4
0.7
.55
43.4
1.6
16.02
1.7
15.30
46.7
54.7
1.5
6.26
1.6
57.8
1.6
12.37
1.6
1.18
61.0
1.6
1.5
16.58
1.5
9.85
64.0
1.5
3.25
1.6
8.40
67.1
1.5
11.25
1.5
10.64
1.5
10.52
71.6
1.6
12.35
1.5
13.58
74.7
85.8
2.6
1.36
1.5
0.90
1.5
2.00
91.4
1.6
4.63
1.5
4.78
1.5
4.90
96.0
1.5
3.96
1.6
0.73
1.5
1.85
100.6
1.5
17.21
1.5
17.76
103.6
1.0
4.19
104.6
.55
15.65 / 3.3
6.26
12.37
1.18
13.21 / 3.0
3.25
8.40
11.68 / 7.6
10.71
13.7
1.41 / 5.0
4.76 / 4.6
6.69
13.2
3.96
1.85
17.48 / 3.0
4.19
100.6
15.59
3.5
104.1

LOGGED BY _____ D.D.H. NO _____ PAGE 6

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay 2 Pb	Assay 2 Zn	Assay 2 Ag
		100.6-101.0 - massive sulphide 100.6-102.1 as above Py 10, Pb2n6	1.3/1.5	1844	100.6	102.1	1.5	4.50	12.71	90.86			6.75	19.065	136.29
		102.1-103.6 " " Py 30, Pb2n12	1.4/1.5	45	102.1	103.6	1.5	6.90	10.86	106.97			10.35	16.29	160.455
		103.6-104.6 " " Py 30, Pb2n8	1.0/1.0	1846	103.6	104.1 104.6	0.5 1.0	.99	3.20	22.29			0.495 0.99	1.600 3.20	11.145 22.29
104.6	108.8	Sericite Phyllite	2.1/4.2	WT A-	100.6	104.6	4.0	4.52	9.64	79.8			18.08	38.56	319.04
				WT A-	100.6	104.1	3.5	5.03	10.56	87.97			17.595	36.95	307.89
		dark grey-black, well foliated, F_2 - 70°, talcy		W.Av.	100.6	108.6	8.0	5.10	11.78	98.91			17.10	35.355	296.705
		fissile incompetent, 105.9-106.4 strongly		W.Av.	91.4	96.0	4.6	1.89	3.37	27.60			6.48	15.52	127.01
		sheared, 107.2-107.4 qtz. vein strongly		WT A-	85.3	91.4	5.6	.41	Pk-2L				2.565	2 3L	
		fractured and broken, 107.4-108.8 F_2		WT A-	91.4	104.6	13.2	2.07					27.31		
		changes to 10°		WT A-											
	108.8	End of Hole													

FAGU041

DRILL HOLE : FAGU041
NORTHING : 904,975.2
EASTING : 592,284.4
ELEVATION : 1,134.0
TOTAL DEPTH : 97.5
SECTION : W 74
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:	15
NOS DOWN-H-SURVEYS:	4
NOS DOWN-H-LITHOLOGY:	18
NOS DOWN-H-STRUCTURE:	37
NOS DOWN-H-FAULTS:	7
NOS DOWN-H-SPLINES:	4
NOS COMPOSITES:	0

DDH: FAGU041 UTM-N: 904,975.2 UTM-E: 592,284.4 UTM-ELEV: 1,134.0 TOTAL DEPTH: 97.5 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	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
42.7	44.7	08933	2.0	1.1	4A1		.08	.38	.48	10.00											
44.7	46.7	08934	2.0	1.9	4A1		.07	.32	.64	11.00											
46.7	47.7	08935	1.0	1.0	4A1		.04	.40	1.23	8.00											
48.4	50.4	08936	2.0	1.5	4C0		.09	.47	.49	11.00											
50.4	52.8	08937	2.4	2.3	4C0		.08	.30	.38	8.00											
52.8	54.8	08938	2.0	2.0	4A1	2.84	.04	1.70	.67	29.00		.69	1	2	4						
54.8	56.8	08939	2.0	2.0	4A1	2.98	.04	1.86	3.60	24.00	26.00	.62	2	2	4						
56.8	58.8	08940	2.0	2.0	4A1	3.07	.14	.13	.39	10.00		.89	1	4	6						
58.8	60.8	08941	2.0	2.0	4A1	3.03	.04	1.70	1.00	23.00		.82	1	49	50						
60.8	62.0	08942	1.2	.7	4A14	2.96	.20	4.90	6.80	81.00		.62	1		1						
62.0	63.3	08943	1.3	1.3	4A14	3.10	.15	7.10	12.00	120.00		.96	1	8	9						
87.8	89.4	08944	1.6	1.6	4E4*	4.58	.03	1.66	3.60	23.00		1.30	1	35	37						
89.4	91.0	08945	1.6	1.5	4E4*	4.45	.05	2.80	4.50	36.00		1.65	1	30	31						
91.0	92.1	08946	1.1	1.1	4K0	4.10	.10	.29	.48	11.00		1.17	2	24	27						
92.1	93.5	08947	1.4	1.0	4A0	3.14	.11	.26	.47	10.00		.82	1	11	12						
WEIGHTED AVERAGE																					
42.7	47.7		5.0	4.0			.06	.36	.69	10.00											
48.4	63.3		14.9	13.8		2.10	.08	1.84	2.48	31.30	3.48	.53	1	8	9						
87.8	93.5		5.7	5.2		4.09	.06	1.37	2.48	21.14		1.25	1	26	27						

DDH: FAGU041 UTM-N: 904,975.2 UTM-E: 592,284.4 UTM-ELEV: 1,134.0 TOTAL DEPTH: 97.5 SECTION: W 74
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	136.300	44.400
30.500	136.000	69.000
61.000	139.000	62.000
89.900	142.000	33.000

DDH: FAGU041 UTM-N: 904,975.2 UTM-E: 592,284.4 UTM-ELEV: 1,134.0 TOTAL DEPTH: 97.5 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
14.8	0001	5D0	-> 5D4*	0.5-	1
16.3	0002	4L0	BIOTITE	0.5-	1
24.9	0003	5B6	[3G0] SPECK.	0.5-	1
25.9	0004	5B6		0.5-	1
30.2	0005	5B6		0.5-	1
30.5	0006	5B6		0.5-	1
37.3	0007	5B6		0.5-	1
42.7	0008	4L0		0.5-	1
63.3	0009	4A1	PHYLLITIC ->(4C0)[5B16->5B619]	0.5-	1
66.7	0010	4L0	[4L2 (5D4*)]	0.5-	1
75.9	0011	5B6	[3G0 &9 & STRING]	0.5-	1
82.4	0012	4LC	->4L2 LOCALLY [4L2 (5D4*)]	0.5-	1
87.4	0013	10QC		0.5-	1
87.8	0014	4L2	(4E0) BXA	0.5-	1
91.0	0015	4E4*	POROUS	0.5-	1
92.1	0016	4K0		0.5-	1
93.5	0017	4A0	BXA	0.5-	1
97.5	0018	4L0	-> 4L2 LOCALLY (5D4*)	0.5-	1

DDH: FAGU041 UTM-N: 904,975.2 UTM-E: 592,284.4 UTM-ELEV: 1,134.0 TOTAL DEPTH: 97.5 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHCC	SDC	PRCCESS
FAGU041	0.0	0.7	PS2		0	0	0	0	30	230	0	1	1	1
FAGU041	0.0	3.0	PS2		0	0	0	0	25	230	0	1	1	1
FAGU041	0.0	7.5	PS2		0	0	0	0	25	230	0	1	1	1
FAGU041	0.0	12.9	PS2		0	0	0	0	42	230	0	1	1	1
FAGU041	0.1	14.8	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU041	0.0	16.8	CS2		0	0	0	0	35	230	0	1	1	1
FAGU041	14.8	17.6	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU041	0.0	18.3	CS2		0	0	0	0	40	230	0	1	1	1
FAGU041	17.6	20.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU041	0.0	21.2	CS2		0	0	0	0	45	230	0	1	1	1
FAGU041	0.0	24.5	CS2		0	0	0	0	32	230	0	1	1	1
FAGU041	20.0	26.2	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU041	0.0	28.3	CS2		0	0	0	0	65	230	0	1	1	1
FAGU041	0.0	33.5	CS2		0	0	0	0	15	230	0	1	1	1
FAGU041	26.2	37.9	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU041	0.0	37.9	CS2		0	0	0	0	38	230	0	1	1	1
FAGU041	37.9	40.3	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGU041	0.0	40.3	CS2		0	0	0	0	40	230	0	1	1	1
FAGU041	0.0	46.7	CS2		0	0	0	0	32	230	0	1	1	1
FAGU041	0.0	51.8	CS2		0	0	0	0	48	230	0	1	1	1
FAGU041	40.3	54.1	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU041	0.0	54.9	CS2		0	0	0	0	40	230	0	1	1	1
FAGU041	54.1	57.2	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU041	0.0	60.0	CS2		0	0	0	0	45	230	0	1	1	1
FAGU041	57.2	63.3	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU041	63.3	66.7	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU041	0.0	67.2	CS2		0	0	0	0	45	230	0	1	1	1
FAGU041	0.0	71.6	CS2		0	0	0	0	65	230	0	1	1	1
FAGU041	66.7	77.7	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU041	0.0	77.7	CS2		0	0	0	0	35	230	0	1	1	1
FAGU041	77.7	80.6	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU041	0.0	80.6	CS2		0	0	0	0	50	230	0	1	1	1
FAGU041	0.0	82.2	PS2		0	0	0	0	60	230	0	1	1	1
FAGU041	0.0	87.8	PS2		0	0	0	0	50	230	0	1	1	1
FAGU041	0.0	90.9	PS2		0	0	0	0	50	230	0	1	1	1
FAGU041	0.0	94.5	PS2		0	0	0	0	47	230	0	1	1	1
FAGU041	80.6	97.5	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGU041 UTM-N: 904,975.2 UTM-E: 592,284.4 UTM-ELEV: 1,134.0 TOTAL DEPTH: 97.5 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
FAGU041	24.9	25.9	G		0	0	0	0	0	0	1
FAGU041	30.2	30.5	G		0	0	0	0	0	0	1
FAGU041	47.7	48.4	G		0	0	1	0	0	0	1
FAGU041	63.3	66.7	GX		0	0	0	0	0	0	1
FAGU041	0.0	87.4	X		0	0	0	0	0	0	1
FAGU041	92.1	92.7	3B		0	0	0	0	0	0	1
FAGU041	92.8	93.0	G		0	0	0	0	0	0	1

DDH: FAGU041 UTM-N: 904,975.2 UTM-E: 592,284.4 UTM-ELEV: 1,134.0 TOTAL DEPTH: 97.5 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU041	1	2
FAGU041	2	2
FAGU041	3	2
FAGU041	4	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 10:06:19

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U041

Project: GRUM RELOG

Location: VANGORDA PLAT

Claim: _____

UTM Terr. Plane Co-ords.: 6,904,975.2 N

conversion of K-A surveyed grid coords

592,284.4 E

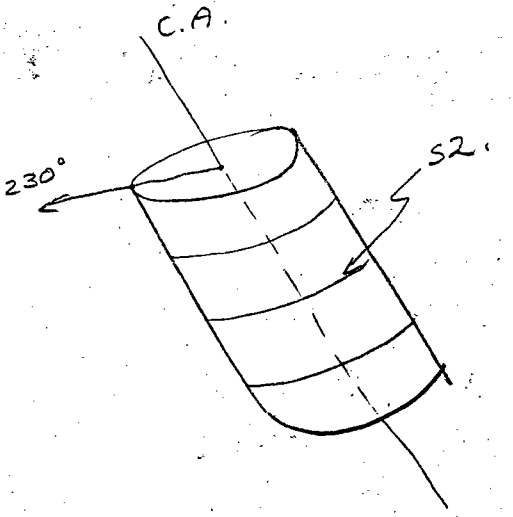
Grid Co-ords.: _____

_____

Elevation: 1134.02

Total Depth: 97.5m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with 52 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: 12/3/76 Completed: 15/3/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U04-1

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U04-1	1134.0	9049751.1/2	592284.4	METRES

44.4 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U04-1	0.0	136.3	42.9	ATCOLLAR
R	76-U04-1	310.5	136.0	69.0	SPERRY SUN
R	76-U04-1	611.0	139.0	62.0	
R	76-U04-1	900	142.0	33.0	
R		899	.	.	
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 76-004 (2 of 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: DJH 1981

Code	From m	To m	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	100	148	11	5D10	→ 5D4 locally; both laminated and mottled varieties (impossible to separate); generally massive
L	148	163	12	4L10	+ biotite
L	163	249	13	5B16	- 360?; grey; <10% QQ; numerous tiny, beige phenos.?
L	249	259	14	5B16	? gouge
L	259	302	15	5B16	grey, nondescript phyllite
L	302	305	16	5B16	? grey gouge
L	305	373	17	5B16	as unit 5
L	373	427	18	4L10	minor py, sph.; bleached pale green
L	427	633	19	4A11	-(4C0) > (minor py); sph/gal. 57.9-63.3; → 4C0 locally. Aphyllitic
L	633	667	110	4L10	? gouge; minor sde. bxia @ 63.3-63.6 m.
L	667	759	1V	5B16	as units 5&7
L	759	824	112	4L10	bleached; slightly greenish tinge ± py; → 4L2 locally
L	824	874	113	0Q0	White bull qtz.
L	874	878	114	4L12	(4E4) bx or1 mbx @ start of interval 4L frags in 4E4 matrix
L	878	910	115	4E14	* porous reacts readily with HCl 10% when scratch appearance similar to 4G
L	910	921	116	4K14	orange carb.
L	921	935	117	4A10	bx heavily broken core 92.1 - 92.7 (gouge 92.8-93.3 45° to c.)
L	935	975	118	4L10	± maripositе; → 4L2 loc.
		EOH			

(See Addendum)

DDH 76-041 (2) Cyprus Anvil Mining Corp. Page 4 of 6 (8)

Lithologic Log Date: Logged By: RST

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	427	477			4A1	phyllitic. Siliceous with phyllitic partings to 4mm. 10% py <1% Pb+Zn.
L	477	484			4A1	Gouge // to c.a azimuth as Sz
L	484	528			4C0	15% py <1% Pb+Zn minor <1% phyllitic partings transitional lower cut to 4A1.
L	528	633			4A1	(4C0) Upper section of unit to 54.9 Though int'l phyllitic partings has apparent affinity with 4C0 — very siliceous. Remainder of section has phyllitic partings on Sz <1cm intervals 57.9-633 increase in Pb+Zn to 2-3% lower cut b×td.

C.A.M.C. 1981 – E-3

DDH 76-V-041 (2 8) Cyprus Anvil Mining Corp. Page 3 of 6

Structural Log Logged By: DJH

Code	From m	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		107	IS12			310 2310	R region 0.0 - 14.8 m.
S		130	IS12			215 2310	*note: S2 may be dipping
S		175	IS12			215 2310	NE - replot w/ az of
S		1129	IS12			412 2310	dipline = 050 if it
S		1148	IF12	R			doesn't look right.
S		1168	CIS12			315 2310	S region 14.8 - 17.6
S		1176	IF12	E			Z region 17.6 - 20.0
S		1183	CIS12			40 2310	
S		1200	IF12	3			S region 20.0 - 26.2 m.
S		1212	CIS12			45 2310	
S		1245	CIS12			312 2310	
S		1262	IF12	E			Z region 26.2 - 37.9
S		1283	CIS12			65 2310	
S		1335	CIS12			115 2310	
S		1379	IF12	Z		318 2310	M region 37.9 - 40.3 m
S		1403	IF12	M		410 2310	S region 40.3 - 54.1
S		1467	CIS12			312 2310	
S		1518	CIS12			418 2310	
S		1541	IF12	E			Z region 54.1 - 57.2
S		1549	CIS12			410 2310	
S		1572	IF12	3			S region 57.2 - 63.3
S		1600	CIS12			45 2310	
S		1633	IF12	S			Clay gouge 63.3 - 66.7
							(no sym. no S2)
S		1667	IF12	Z			Z region 66.7 - 77.7
S		1672	CIS12			415 2310	
S		1716	CIS12			615 2310	
S		1777	IF12	3		315 2310	S region 77.7 - 80.6
S		1806	IF12	S		510 2310	R region 80.6 - 97.5
S		1822	IS12			610 2310	
S		1878	IS12			510 2310	
S		1909	IS12			516 2310	
S		1945	IS12			417 2310	
S		1975	IF12	R			
		EOH.					

DDH 76-4-A1 (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	1517.9	1610	118417	K.A	3.1	3.1
P	1610	1637	118418	"	2.7	2.5
P	1873	1884	118419	"	1.1	1.0
P	1884	1899	118510	"	1.5	1.5
P	1899	1914	118511	"	1.5	1.5
P	1914	1930	118512	"	1.6	1.3
P	1930	1960	118513	"	3.0	2.5

DDH 764-041 Cyprus Anvil Mining Corp

Page 6 of 6

Logged by

ASSAY LOG (SAMPLER'S COPY) Date Aug 13/81 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	427	447	89333	20	11	4A1	
P	447	467	89334	20	19	4A1	
P	467	477	89335	20	15	4A1	Not previously split
	477	484	———			4A1	No sample Gauge. "
P	484	504	89336	20	15	4C0	"
P	504	528	89337	24	23	4C0	"
P	528	548	89338	20	20	4A1	(4C0) "
P	548	568	89339	20	20	4A1	(4C0) "
P	568	588	89340	20	20	4A1	
P	588	608	89341	20	20	4A1	
P	608	626	89342	12	07	4A1	"
P	626	633	89343	13	13	4A1	
	874	878	———	04		4L2	(4E4) bx gauge No sample.
P	878	894	89344	16	16	4E4*	porous
P	894	910	89345	16	15	4E4*	porous
P	910	921	89346	11	11	4K4	bx.
P	921	935	89347	14	10	4A0	6x

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

DDH FAG.00.41 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1249	1259	G					
F	1302	1305	G					
F	1477	1484	G			010 000		11 to CA
F	1633	1667	GX					
F		1874	X					
F	1921	1927	3B					
F	1928	1930	G					45° to CA

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

Typed = HP.

DIAMOND DRILL RECORD

LOGGED BY Glenn Jeter

D.D.H. Nº 76 U-41 PAGE 1/6

PROPERTY Crum Joint Venture (Underground)

LATITUDE 10769.061 +6 N

DEPARTURE 7590.681 +0.6 W

ELEVATION 1144.633

STARTED March 12/76

COMPLETED March 15/76

PROPOSED DEPTH

ULTIMATE DEPTH 97.5

HOLE SURVEY:		
DEPTH	BEARING	DIP
collar	44°-25½"	-46°19'
100' (30.4")	068°	-46°
200' (60.1)	060°	-49°
295' (89.9)	032°	-52°

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	16.4	Sericite Chlorite Phyllite ± Biotite	16.0/16.4												
		dark green, mod. foliated F_2 : 35° ± 5° locally absent, F_1 generally distinct @ 10° ± 5°; competent, fracturing @ 80°, 5°, 0.5% sulphide locally as, stringer - disseminate (parallel F_2) or confined to qtz. veins, details													
		0. - 0.5 as above fractured and broken													
		0.5 - 0.8 Chlorite Biotite Phyllite competent.													
		0.8 - 9.1 Sericite Chlorite Phyllite, competent													
		9.1 - 10.7 Chlorite Phyllite massive texture													
		10.7 - 14.8 Sericite Chlorite Phyllite													
		14.8 - 15.6 Chlorite Biotite Phyllite													
		15.6 - 16.2 Sericite Chlorite Phyllite													
		16.2 - 16.4 Quartz Vein @ 10° milky white													
16.4	37.4	Quartz Sericite Phyllite													
		dark grey, well foliated, F_2 = 30°, F_1 locally													

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
		evident @ 90° to F_2, ~~tightly~~ drag folded and offset along F_2, competent, minor parting along F_2, details													
		16.4-21.5 as above competent	5.0/5.1												
		21.5-22.1 qtz vein milky white fractured @ 70°, 30° 5° with 5% sulphide po, py, as irregular stringers	0.6/0.6												
		22.1-25.2 Quartz Sericite Phyllite, competent	3.0/3.1												
		25.2-25.9 · as above sheared fissile	0.5/0.7												
		25.9-30.2 · as above competent	3.8/4.3												
		30.2-30.6 as above sheared	0.3/0.4												
		30.6-37.4 as above competent, second contact	6.8/6.8												
		● qtz. vein 2cm wide @ 70°													
37.4	42.7	·Bleached Sericite with sulphides pale green, well foliated @ 40°, 5% sulphide as diss. in qtz. rich bands, py ± sph.; generally competent parting along F_2 common av. interval 5cm.													
42.7	63.7	Sericite Phyllite with Sulphides dark grey, mod-well foliated, F_2 = 40°, F_1 locally distinct @ 90° to F_2, sulphide av. 10% as diss. in qtz rich bands or fine													

LOGGED BY _____ D.D.H. NO. U-41 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 II Pb	Assay II Zn	Assay II Ag
		bands, generally follow F_2 structures, locally parallel F_1; competent, fracturing @ 70° and 30°, details													
		42.7 - 45.7 as above fractured and broken, P_y 5 Pb2n 1	1.9/3.0	—	42.7	45.7	3.0								
		45.7 - 48.8 as above competent P_y 6, Pb2n 2	3.0/3	—	45.7	48.8	3.1								
		48.8 - 51.8 as above competent P_y 8, Pb2n 2	2.5/3.0	—	48.8	51.8	3.0								
		51.8 - 54.9 as above competent P_y 7, Pb2n 2	3.1/3.1	—	51.8	54.9	3.1								
		54.9 57.9 " " " P_y 3 Pb2n 1	3.0/3.0	—	54.9	57.9	3.0								
		57.9 - 61.0 " " " P_y 6 Pb2n 3	3.1/	1847	57.9	61.0	3.1	2.02	3.50	24.34			5.262	10.85	75.454
		61.0 - 63.7 " " " P_y 5, Pb2n 3	2.5/	1848	61.0	63.7	2.7	1.90	3.15	25.37			5.13	8.505	68.499
		63.4 - 63.7 sheared sericite phyllite, pale green - transition into fault zone		49.44	57.9	63.7	5.8	1.96	3.34	24.82			11.372	19.356	143.756
63.7	66.8	Fault Zone													
		63.7 - 64.5 Bleached Sericite Phyllite, pale green, sheared, talcy, F_2 = 45°	0.6/0.8												
		64.5 - 65.8 Fault gouge pale green mud (sericite rich) with fragments of bleached phyllite av. 2mm. range to 1cm.	0.4/1.3												
		65.8 - 66.8 Bleached Sericite Phyllite, F_2 = 30°, fissile ⇒ sheared, incompetent.	0.6/1.0												
66.8	75.8	Quartz Sericite Phyllite	7.6/9.0												

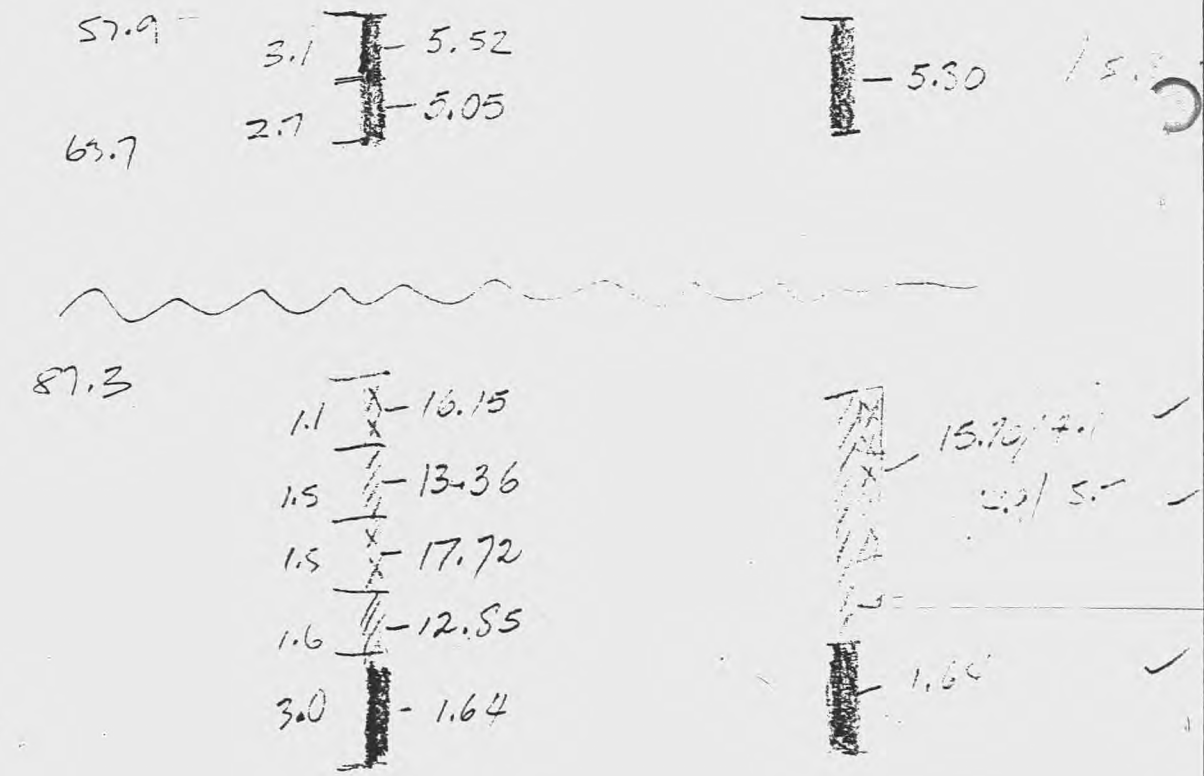
D.D.H. Nº 41-41 PAGE 4/6

LOGGED BY JJ

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
		generally competent, F_1 locally evident @ 10°, minor fracturing @ 40°, 30°, parting along F_2 common intervals evi. Scm. details													
		66.8-67.1 as above bleached pale green													
		67.1-67.9 as above competent													
		67.9-68.4(?) as above sheared incompetent													
		68.4-69.7 as above competent													
		69.7-70.1 as above sheared incompetent													
		70.1-75.4 as above competent.													
		75.4-75.8 qtz vein with inclusions of sericite phyllite													
75.8	82.4	Bleached Sericite Phyllite with Sulphide pale blue green, well foliated, F_2: 70°, F_1 rarely evident @ 10° offset along F_2, competent minor fracturing @ 60°, 5°, 5% sulphide, py, tr sph., as diss. in qtz rich bands	5.6/6.6												
82.4	87.1	Quartz Vein, milk white, competent fracturing @ 40° and 70°, [illegible] as fine diss.	42/4.7												

LOGGED BY _____ D.D.H. Nº 41 PAGE 5/6

Interval From	Interval To	DESCRIPTION	Py	Sph	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
87.3	91.8	Massive Sulphide Zone															
		generally competent, fracturing @ 70°-40°, 5°; locally banded @ 65° ±5° details															
		87.1-87.3 Massive sulphide with 10%															
		inclusions of grz fragments av.	60	18	1.0/	1849	87.3	88.4	1.1	6.08	10.07	93.90			6.688	11.077	103.334
		2mm diameter range to >3cm diam	60	18	1.5/	50	88.4	89.9	1.5	5.78	7.58	90.56			5.67	11.37	136.29
		87.3-87.6 bleached phyllite, sheared	60	18	1.5/	51	89.9	91.4	1.5	7.81	9.91	118.97			11.715	14.865	178.455
		incompetent, kaolin rich, 10%	70	15	1.3/	52	91.4	93.0	1.6	3.60	3.25	62.40			5.76	14.8	99.84
		sulphide	6	1	2.5/	1853	93.0	96.0	3.0	.54	1.05	9.94					
		87.6-88.3 massive sulphide granular															
		~~poor~~ porous banding @ 75°				1854	87.3	93.0	5.7	5.76	9.14	30.86			32.833	52.112	57.949
		88.3-88.8 massive sulphide, breccia					87.3	91.4	4.1	6.60	7.10	[illegible]			[illegible]	[illegible]	[illegible]
		fragment. av. 1cm well healed															
		by sulphide															
		88.8-90.1 massive sulphide, porous granular															
		banding @ 70°															
		90.1-90.4 massive sulphide breccia, as															
		described above, second contact @ 15°															
		90.4-90.9 massive sulphide, porous granular															
		banding @ 60°															
		90.9-91.8 massive sulphide breccia															


57.9
3.1
5.52
2.7
5.05
63.7
5.30
87.3
1.1
16.15
1.5
13.36
1.5
17.72
1.6
12.55
3.0
1.64

LOGGED BY _____ D.D.H. NO 11-41 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 % Pb	Assay % Zn	Assay % Ag
		fine grain sulphids, qtz, and carbonate.													
91.8	93.5	Quartz Sulphide with graphite mod foliation @ 70°, 10% graphite, 20% sulphides py - 8 ph Zn 6, (included in above samples), fractured and broken	1.5/1.7												
93.5	97.5	Bleached Phyllites pale yellow, mod foliation F_2 = 70° 35° details													
		93.5 - 93.8 bleached sericite phyllite, fissile incompetent 5% py to sph.	0.2/0.3												
		93.8 - 94.1 Kaolin - Fushite alt zone, competent.	0.3/0.3												
		94.1 - 95.6 bleached sericite phyllite, fissile sheared in part with 6% py 1% ph Zn	1.0/1.5												
		95.6 - 97.5 Kaolin fushite alt zone fractured and broken, fragments of qtz in last 5cm of core	0.4/1.9												
	97.5	End of Hole, squeezing rods near bottom of hole.													

FAGU058

DRILL HOLE : FAGU058
NORTHING : 905,002.4
EASTING : 592,227.5
ELEVATION : 1,125.7
TOTAL DEPTH : 106.7
SECTION : W 76
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	25
NOS DOWN-H-SURVEYS:	3
NOS DOWN-H-LITHOLOGY:	39
NOS DOWN-H-STRUCTURE:	19
NOS DOWN-H-FAULTS:	4
NOS DOWN-H-SPLINES:	3
NOS COMPOSITES:	0

DDH: FAGU058 UTM-N: 905,002.4 UTM-E: 592,227.5 UTM-ELEV: 1,125.7 TOTAL DEPTH: 106.7 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	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.1	06950	2.1	1.5	4E4	4.74	.26	2.70	3.10	41.00	43.00	1.85	1	37	38						
2.1	4.2	06951	2.1	2.1	4E4	4.92	.28	4.79	7.40	58.99		2.81	1	35	37						
4.2	5.9	06952	1.7	1.3	4G4	4.80	.27	6.40	9.30	105.00		1.98		21	22						
5.9	7.6	06953	1.7	1.5	4G4	4.67	.17	7.20	12.69	163.00		2.06		15	15						
7.6	9.0	06954	1.4	1.3	4E4	4.59	.07	7.49	12.40	99.00		1.16	1	27	29						
9.0	9.7	06955	.7	.5	5C*	2.93	.01	.17	.31	1.99		.20	6	1	8						
9.7	10.2	06956	.5	.5	4L0	3.37	.02	.66	1.05	6.99		.27	3	13	17						
10.2	11.7	06957	1.5	1.3	4E4	3.74	.07	1.77	3.29	36.00		.62	6	21	27						
11.7	13.0	06958	1.3	1.2	5A6	3.00	.05	.42	.58	3.00		.20	3	4	7						
13.0	13.7	06959	.7	.6	5C3	3.68	.16	3.89	7.09	80.00		.40	6	15	21						
13.7	14.7	06960	1.0	1.0	5B12	2.99	.04	.62	1.31	6.00	10.00	1.16	3	2	5						
14.7	15.7	06961	1.0	.8	4E4	4.83	.28	9.59	19.80	139.00		.34	2	20	23						
15.7	16.6	06962	.9	.8	4G4	4.55	.24	5.79	15.90	86.00		.47		16	17						
16.6	17.6	06963	1.0	1.0	4E4	4.59	.40	5.79	15.49	87.00		1.85	1	23	24						
17.6	18.5	06964	.9	.9	4E4	4.40	.17	7.40	18.00	119.99		1.98	1	24	25						
26.6	28.3	06965	1.7	1.5	4E10	3.20	.11	.76	.80	7.99		.20	8	12	20						
87.1	88.3	06966	1.2	1.1	4E84	4.42	.20	6.79	3.49	72.00		1.16	12	25	37						
88.3	89.4	06967	1.1	1.0	4E84	4.50	.20	7.99	3.39	97.00		1.78	6	28	35						
89.4	91.1	06968	1.7	1.4	4E0	4.46	.34	.55	.40	21.00		1.30	3	39	42						
91.1	92.7	06969	1.6	1.5	4E0	4.44	.31	.52	.64	19.00		1.23	2	38	40						
92.7	94.3	06970	1.6	1.2	4E4	4.32	.14	4.70	4.29	78.00		1.58	2	30	32						
94.3	96.3	06971	2.0	1.9	4E0	4.57	.20	1.87	1.11	47.00	48.00	1.64	1	36	37						
96.3	98.0	06972	1.7	1.7	4E4	4.08	.20	3.20	1.60	58.99		1.51	4	28	33						
98.0	98.6	06973	.6	.3	5D4$	3.33	.14	.28	.17	13.99		.40	4	15	19						
98.6	99.8	06974	1.2	.9	4E4#	4.04	.08	5.92	7.20	92.00		.81	4	19	24						
WEIGHTED AVERAGE																					
.0	18.5		18.5	16.3		4.28	.18	4.52	8.39	72.45	5.42	1.38	2	21	23						
26.6	28.3		1.7	1.5		3.20	.11	.76	.80	7.99		.20	8	12	20						
87.1	99.8		12.7	11.0		4.31	.21	3.36	2.37	54.88	7.55	1.35	4	30	35						

DDH: FAGU058 UTM-N: 905,002.4 UTM-E: 592,227.5 UTM-ELEV: 1,125.7 TOTAL DEPTH: 106.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	88.300	223.700
76.200	92.000	230.000
106.700	92.000	228.000

DDH: FAGU058 UTM-N: 905,002.4 UTM-E: 592,227.5 UTM-ELEV: 1,125.7 TOTAL DEPTH: 106.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
4.2	0001	4E4	&POROUS (4E0)	0.5-	1
7.6	0002	4G4	(4E46)	0.5-	1
9.0	0003	4E4	&6 &1 (5B16) MINOR	0.5-	1
9.7	0004	5C*	(5C3) 70:30	0.5-	1
10.2	0005	4L0	(4C0) (5D8)MINOR	0.5-	1
11.7	0006	4E4	(5B126)(4E14SERICITIC)47:13:40	0.5-	1
13.0	0007	5A6	(5B126)	0.5-	1
13.7	0008	5C3	(4E4) (4E1)	0.5-	1
14.7	0009	5812	6	0.5-	1
15.7	0010	4E4	(4G4)	0.5-	1
16.6	0011	4G4		0.5-	1
18.5	0012	4E4	(4G4) 75:25	0.5-	1
22.7	0013	5826	9 SPHAL (5A69) (5B1269)	0.5-	1
23.7	0014	3D7	&9 BIO	0.5-	1
26.6	0015	3G0		0.5-	1
28.3	0016	4E10	BXA	0.5-	1
28.9	0017	4L1		0.5-	1
38.4	0018	580	(5820)	0.5-	1
39.7	0019	580	(5D0)	0.5-	1
44.2	0020	5C3	(5B80)	0.5-	1
52.3	0021	5D0		0.5-	1
53.2	0022	5E4	[5C43]	0.5-	1
58.4	0023	5D0	[5F3] [5B80]	0.5-	1
66.8	0024	5880	[5D0 PHYLLITIC]	0.5-	1
69.0	0025	580	&2 (5D0)	0.5-	1
70.0	0026	5D0		0.5-	1
73.1	0027	580	[5D0 PHYLLITIC]	0.5-	1
82.3	0028	5D0		0.5-	1
84.2	0029	5840	&6 [5D0 PHYLLITIC]	0.5-	1
85.8	0030	10Q0		0.5-	1
87.1	0031	586		0.5-	1
89.4	0032	4E84		0.5-	1
92.7	0033	4E0		0.5-	1
94.3	0034	4E4		0.5-	1
96.3	0035	4E0	(4E4)	0.5-	1
98.0	0036	4E4	(4E0)	0.5-	1
98.6	0037	5D4$	[5F4$] (4E0)	0.5-	1
99.8	0038	4E4#	&POROUS	0.5-	1
106.6	0039	4L0	&2 &3	0.5-	1

DDH: FAGU058 UTM-N: 905,002.4 UTM-E: 592,227.5 UTM-ELEV: 1,125.7 TOTAL DEPTH: 106.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU058	0.0	0.2	CS2	S	0	0	0	0	70	230	0	1	1	1
FAGU058	0.0	6.2	CS2		0	0	0	0	57	230	0	1	1	1
FAGU058	0.0	12.2	CS2		0	0	0	0	55	230	0	1	1	1
FAGU058	0.0	17.0	CS2	S	0	0	0	0	40	230	0	1	1	1
FAGU058	0.0	24.0			0	0	0	0	1	230	0	1	1	1
FAGU058	0.0	30.0			0	0	0	0	7	230	0	1	1	1
FAGU058	0.0	36.0			0	0	0	0	3	230	0	1	1	1
FAGU058	0.0	42.0			0	0	0	0	6	230	0	1	1	1
FAGU058	0.0	48.0			0	0	0	0	52	230	0	1	1	1
FAGU058	0.0	54.0			0	0	0	0	25	230	0	1	1	1
FAGU058	0.0	60.0			0	0	0	0	1	230	0	1	1	1
FAGU058	0.0	66.0			0	0	0	0	20	230	0	1	1	1
FAGU058	0.0	72.0			0	0	0	0	14	230	0	1	1	1
FAGU058	0.0	78.0			0	0	0	0	1	230	0	1	1	1
FAGU058	0.0	83.0			0	0	0	0	5	230	0	1	1	1
FAGU058	0.0	89.0	CS2	S	0	0	0	0	18	230	0	1	1	1
FAGU058	0.0	95.0	CS2	S	0	0	0	0	25	230	0	1	1	1
FAGU058	0.0	101.0			0	0	0	0	3	230	0	1	1	1
FAGU058	0.0	106.0			0	0	0	0	6	230	0	1	1	1

DDH: FAGU058 UTM-N: 905,002.4 UTM-E: 592,227.5 UTM-ELEV: 1,125.7 TOTAL DEPTH: 106.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU058	0.0	9.7	X			0	0	0	0	0	0	1
FAGU058	26.6	28.3	X			0	0	0	0	0	0	1
FAGU058	38.9	39.0	G			17	180	0	0	0	0	1
FAGU058	84.2	85.8	Q			0	0	0	0	0	0	1

DDH: FAGU058 UTM-N: 905,002.4 UTM-E: 592,227.5 UTM-ELEV: 1,125.7 TOTAL DEPTH: 106.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU058	1	2
FAGU058	2	2
FAGU058	3	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 10:57:57

CYPRUS ANVIL MINING CORPORATION

Page 1 of 8

DIAMOND DRILL CORE LOG

Date: 1 July/81

Hole Number: FAGU-58 (76-U-58)

Project: GRUM

Location: SECTION 76 W

Claim:

~~Terr.~~ UTM Plane Co-ords.: 6 905 002.4 N

592 227.5 E

(conversion of K-A surveyed coordinates)

Grid Co-ords: 2+19m N

76+00m W.

Elevation: 1125.7m

Total Depth: 106.6m

Purpose: RELOG GRUM

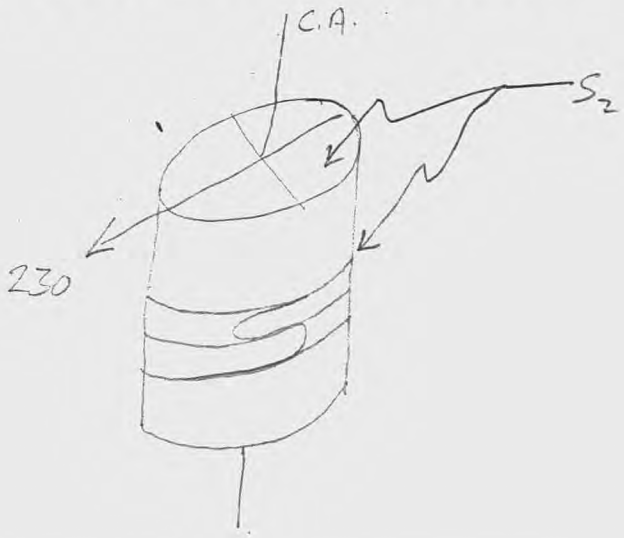
Reason hole Terminated:

Logged by: GG

Date(s) Logged: 29-30 June/81.

Drilling Contractor: CAMERON McCUTCHEON

Reference Fabric Orientation Diagram:



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

CORE Size	From	To	Collar Cased and Capped:
BQ	0.0	106.6m	

Hole Cemented:

Steel down hole:

Started: 5 April/76 Completed: 6 April/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH FAGU058

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	FAGU058	1125.7	9050021.4	592227.5	MEITRIES

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	FAGU058	0	88.3	222.1	ATCOLLAR
R	FAGU058	716.2	92.0	230.0	SPERRY SUN
R	FAGU058	1061.7	92.0	228.0	
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 FAGU058 (2 / 8) — Cyprus Anvil Mining Corp. — Page 3 of 8

Lithologic Log — Date: 30 June/81 — Logged By: GG

UNITS = METRES

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	F/W CNT #
	10 14	16 20	22 24	26 28	30 34	35		
L	10.0	14.2		001	4E4	+(4E0) + (4E4 - POROUS LAMS TOWARD F/W) → NOTE - THIS IS A HORIZONTAL DDH - F/W IS CONSIDERED TO BE AWAY FROM THE DRILL COLLAR; 0.0-0.3 - 4E4-HIGH GRADE	PROB	11S2
L	14.2	17.6		002	4G4	+ (4E64) - HONEY SPHAL + 40% BARITE IN 4G4;		11S2
L	17.6	19.0		3	4E4	±6 ±1; HIGH GRADE; + (minor 5B16)	PROB	11S2
L	19.0	19.7		4	5C*	ANK/DOLO + (5C3 @ 7.0-9.2) FUCHSITE 4% @ 9.0-9.4 m) [5F*?]		11S2
L	19.7	21.02		5	4L0	+(4C0); BRECCIA @ 10cm H/W = 4L0 CLASTS IN 4C0 MATRIX - PROB NOT FAULTED; + (5D* ANK - MINOR)	5cm BRECCIA 4E4+QZ IN 4L0	
L	21.02	21.7		6	4E4	+(5B126 @ 10.9-11.1) + (4E14 - SERICITIC @ 11.1-11.7m)		11S2
L	21.7	21.30		7	5A6	+(5B126)		11S2
L	21.30	21.37		8	5C3	* (1% FUCHSITE/ANK) + (4E4) + (4E1) F1 FOLD? (NO NOSE SEEN) — 5A/4E1 / 5C3 / 4E4 / 5C3 / 5B126	RUBBLE PROB	11S2
L	21.37	21.47		9	5B12	/6/ - SA1 - ROUNDED RIP-UP CLAST @ H/W;		11S2
L	21.47	21.57		10	4E4	+(4G4) - 2cm H/W PØ;		11S2
L	21.57	21.66		11	4G4	HONEY + LT. ORANGE SPHAL; 25% BARITE;		
L	21.66	21.85		12	4E4	+(4G4 @ 17.1-17.6 AS UNIT 11); PØ AT 5cm F/W - POSS FOLD CORRELATION OF UNIT 10;?		11S2
L	21.85	22.27		13	5B2.6	/9/ → 0.5% SPHAL + (5A69) +(5B1269 @ 22.2-22.7m)		11S2

DDH F.A.G.0.0.5.8. (2 — 8)

UNITS = METRES

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 30 JUNE/81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	F/W CNT
1	10 14	16 20	22 24	26 28	30 34	35		4
L	1217	1237		14	3D(7)	±9 → SPHAL, GALENA, PY IN CALCITE VEINLETS; SHARP CONTACTS. BROWN TINT DUE TO BIOTITE (KIND OF A STRANGE UNIT); GREEN LAMS = CHLORITIC		1½
L	1237	1266		15	3G12 0	TRACE SULPHIDES = PO + PY.	PROB	1½
L	1266	1283		16	4E1A	[BRECCIA] - 4LO + ANK. CHERTY CLASTS IN OPEN 4E14 HEALED MATRIX + (10cm H/W 4B0 - SERICITIC)		1½
L	1283	1289		17	4L11		GRADES 10 cm	1½
L	1289	1384		18	5B13	SERICITIC @ 1m H/W; + (5B23)		1½
L	1384	1397		19	5B13	+ (5D3); GOUGE @ 38.9-39.0 m;		1½
L	1397	1442		20	5C13	CALCITIC WITH CHLORITE STREAKS + (5B83) → BOTH MIXED IN BLEBBY BOUDINAGED (?) MASSES THROUGHOUT UNIT;		1½
L	1442	1523		21	5D13	MASSIVE; SOME CALCITE LAMS @ 30cm H/W & F/W (FOLDED?)		1½
L	1523	1532		22	5E14	[5C43?] LOOKS LIKE 5C BUT LACKS CHLORITE;	GRADES 20cm	1½
L	1532	1584		23	5D13	SERICITE, CHLORITE & CALCITE LAMS; [5F3]		1½
L	1584	1668		24	5B183	± CALCITE LAMS [5D3-PHYLLITIC]		1½
L	1668	1690		25	5B13	±2 + (5D3)		1½
L	1690	1700		26	5D13	± CALCITE LAMS		1½
L	1700	1731		27	5B13	± CALCITE LAMS [5D3-PHYLLITIC]		1½
L	1731	1823		28	5D13	± CALCITE LAMS		1½
L	1823	1842		29	5B43	±6 [5D3-PHYLLITIC - ASS'D WITH QZ VNS	~	1½
L	1842	1858		30	1.0Q0	+ FRAGS OF 5B/D;		1½
L	1858	1871		31	5B6	FINE GRAINED; LIGHT GREY;		1½
L	1871	1894		32	4E84			1½
L	1894	1927		33	4E0	+ (30cm H/W 4E8)		1½

DDH FAGU058 (2 / 8)

Cyprus Anvil Mining Corp.

Page 5 of 8

UNITS = METRES

Lithologic Log

Date: 30 June/84 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	F/W CNT #
1	10 14	16 20	22 24	26 28	30 34	35		
L	1927	1943		34	AEA			11S2
L	1943	1963		35	AEO	+(4E4)		11S2
L	1963	1980		36	AEA	+(4EO); 2cm QZ @ 40cm F/W;		11S2
L	1980	1986		37	5D4*	DOLO [5F4*] + (4EO)	PROB	11S2
L	1986	1998		38	AE4*	± POROUS; HIGH GRADE; CALC.		11S2
L	1998	10166		39	4LO	±2 ±3		
						END OF HOLE @ 106.6m		

C.A.M.C. 1981 – E-3

DDH FAGU058 (2 8) Cyprus Anvil Mining Corp. Page 6 of 8

UNITS = METRES. Structural Log Date: 30 June/81 Logged By: GG

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	
								NOTE - THIS IS A HORIZONTAL
								DDH FROM THE MINE DRIFT.
S	102	CLS12					70 230	S-BANDS
S	162	QS12					57	"
S	1122	CLS12					55	M-REGION (??) 120-130 E13.7-14.3
S	1135							SYMMETRY OF LITHOLOGIES
								SUGGESTS FOLD NOSE
								THROUGH 4E4 BUT
								NO E OR 3 TO BE SEEN IN S-BANDS. -
								SHEARED THROUGH?
S	1175	CLS12					40	S-BANDS
S	1240						010	TENSION GASES 24-26 ÷ 36/270
S	1300						017	
S	1360						013	
S	1379							GOUGE @ H/W CNT -017/180 ~ 11 S2.
S	1412	0					06	F/W ?
S	1418	0					52	← FOLD NOSE ?? ?
S	1549	0					25	
S	1610	0					010	
S	1660	0					210	
S	1792	0					1A	
S	1718	0					010	
S	1833	0					05	
S	1879	0					18	S-BANDS
S	1915	0					25	"
S	1011	0					013	SERICITE
S	1016	0					016	"
								END OF HOLE @ 106.6 m

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

DDH FAGU-058 (2 8) Cyprus Anvil Mining Corp

Logged by GG

ASSAY LOG (SAMPLER'S COPY) Date 30 June/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	100	102	169510	12 1	11 5	4E4	+(4E0)
P	102	104	169511	12 1	12 3	4E4	+(4E0) +(4E4-POROUS)
P	104	159	169512	11 7	11 3	4G4	+(4E6.4)
P	159	176	169513	11 7	11 5	4G4	+(4E6.4)
P	176	190	169514	11 4	11 3	4E4	±6 ±1
P	190	197	69555	0 7	0 5	5C*	
P	197	210	169516	10 5	10 8	4L01	+(4C0)
P	102	111	169517	11 5	11 3	4E4	+(5B12)
P	111	130	169518	11 3	11 2	5A6	
P	130	137	169519	10 7	10 6	5C3	+(4E4) +(4E1)
P	137	147	169610	11 0	11 0	5B12	/6/
P	147	157	169611	11 0	10 8	4E4	+(4G4)
P	157	166	169612	10 9	10 8	4G4	
P	166	176	169613	11 0	11 0	4E4	+(4G4)
P	176	185	169614	10 9	10 9	4E4	
P	2166	2183	169615	11 7	11 5	4E1	BRECCIA (4L0 CLASTS)
P	1871	1883	169616	11 2	11 1	4E8	
P	1883	1894	169617	11 1	11 0	4E8	
P	1894	1911	169618	11 7	11 4	4E0	+(4E8)
P	1911	1927	169619	11 6	11 5	4E0	
P	1927	1943	169710	11 6	11 2	4E4	
P	1943	1963	169711	12 0	11 9	4E0	+(4E4)
P	1963	1980	169712	11 7	11 7	4E4	+(4E0)
P	1980	1986	169713	10 6	10 3	5D4*	
P	1986	1998	169714	11 2	10 9	4E4	± POROUS;

Meters!

FAULT

DDH FAGU058 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: 28 Oct/83 Logged By: ____

Code	From	To	Feature	sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F		197	X					5cm bxa. 4LO clasts in 4/CO matrix
F	2166	2183	X					bxa. 4LO + cherty clasts in open 4E1 healed matrix
F	3189	3190	G		17 1810			gouge
	1842	1858	Q					g/z vein + frags of 5B/D

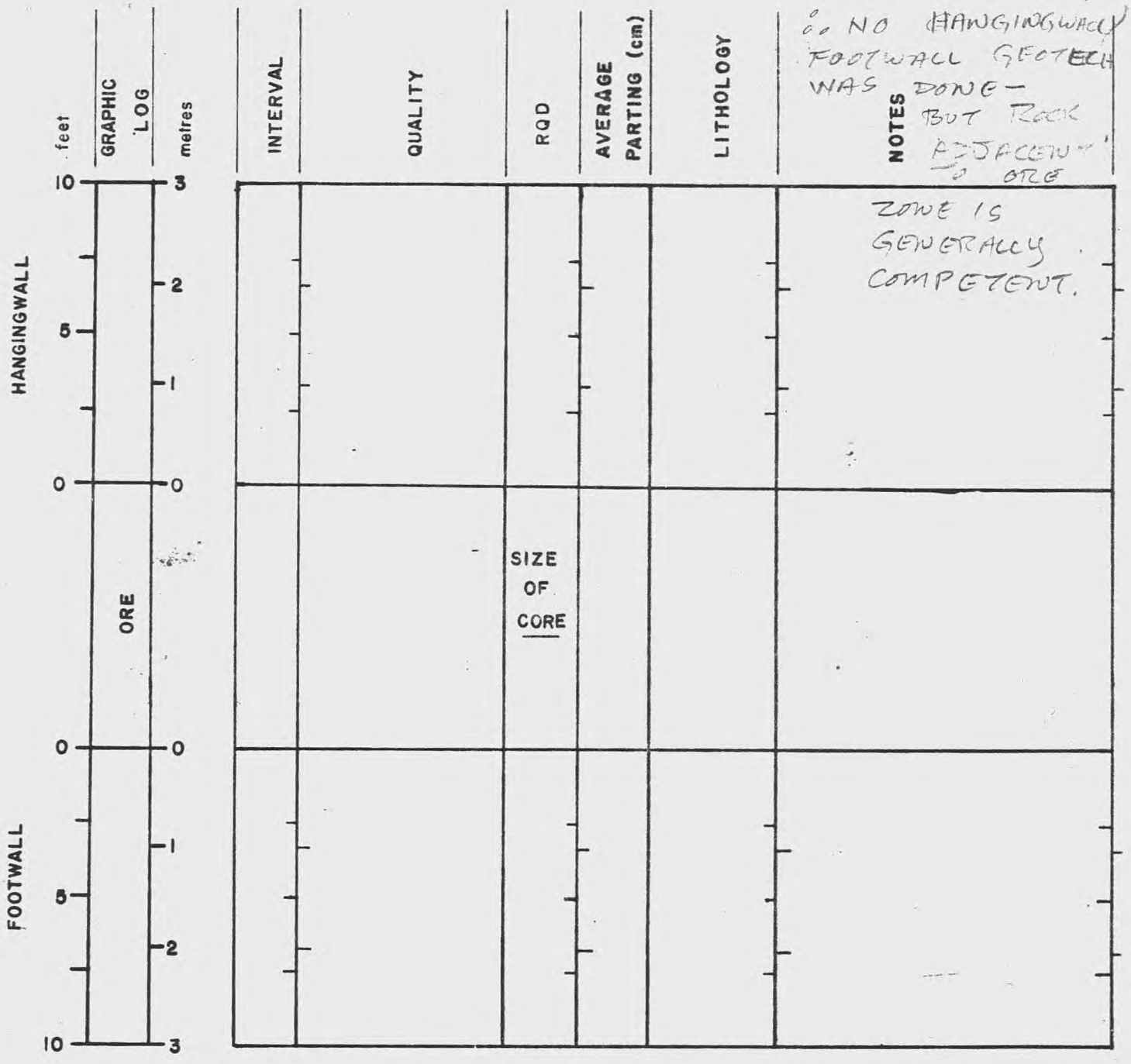
C.A.M.C. 1981 - E - 4

DDH- FIAGU0158

GEOTECHNICAL LOG

PAGE 8/B

NOTE THIS IS A HORIZONTAL HOLE FROM THE MINE DRIFT. ∴ NO HANGINGWALL/FOOTWALL GEOTECH WAS DONE — BUT ROCK ADJACENT TO ORE ZONE IS GENERALLY COMPETENT.



DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D.D.H. Nº 76-U-58 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10797.873 N 2N+19mN. STARTED APRIL 5, 1976

DEPARTURE 7534.521 E 76W COMPLETED APRIL 6, 1976

ELEVATION 1136.292 M PROPOSED DEPTH

ULTIMATE DEPTH 106.6

CLAIM Nº

HOLE SURVEY:		
DEPTH	BEARING	DIP

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 97.1%

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	9.0	MASSIVE SULFIDE. Dense and brittle. Foliation	80	8	1.0/1.5	2182	0	1.5	1.5	3.45	3.65	50.40			5.175	5.475	75.60
		marked by compositional banding-40°. The bands of	80	8	1.2/1.5	2183	1.5	3.0	1.5	2.38	2.60	36.40			3.57	3.90	54.60
		sph rich laminae are usually vuggy. Some amorphous	75	15	1.5/1.5	2184	3.0	4.5	1.5	7.42	11.57	85.72			11.13	17.355	128.58
		silica as cavity filling.	70	15	1.0/1.5	2185	4.5	6.0	1.5	7.10	9.41	104.92			10.65	14.115	157.38
		4.5: Fold nose. Marked by concentration of Py with	70	18	1.0/1.5	2186	6.0	7.6	1.6	7.30	12.68	155.32			11.68	20.228	248.51
		halo of Sph rich band.	70	18	1.1/1.5	2187	7.6	9.1	1.5	8.33	13.80	111.09			12.495	20.70	166.64
		9.0: Sharp contact with bleached phyllite-40°.	50	12	1.2/1.5	2188	9.1	10.6	1.5	0.85	1.25	16.11			1.275	1.875	24.165
9.0	9.2	BLEACHED PHYLLITE. Cream-white groundmass with blu-	45	12	1.5/1.5	2189	10.6	12.1	1.5	1.83	2.70	31.20			2.745	4.05	46.8
		ish green Fuchsite spots. Calcitic. Foliation-45°	20	8	1.4/1.5	2190	12.1	13.7	1.6	2.23	4.10	40.46			3.568	6.56	64.736
		Gradually changing to quartz-sulfide-9.2.	45	12	1.5/1.5	2191	13.7	15.2	1.5	4.98	10.85	77.83			7.47	16.275	116.745
9.2	10.5	QUARTZ-SULFIDE. Very siliceous, competent. Folia-	70	+20	1.5/1.5	2192	15.2	16.7	1.5	6.62	15.67	98.74			9.93	23.505	148.11
		tion-35° interbands of sulfides and quartz.	70	+20	2.3/2.3	2193	16.7	19.0	2.3	6.12	15.12	90.86			14.076	34.776	208.978
		10.5: Shear; contact with massive sulfide.															
10.5	12.1	MASSIVE SULFIDE ZONE. W/short intervals of dark quartz-ser.				W.Av.	0	19.0	19.0	4.93	8.89	75.83			93.764	168.874	1440.84
		phyllite (av. thickness of band<15cm). Foliation F -45°.				W.Av.	3.0	19.0	16.0	5.31	9.97	81.91			85.019	159.499	1310.64
		F crenulated with axial plane parallel to F .				W.Av.	3.0	9.1	6.1								
						W.Av.	13.7	19.0	5.3								

1 2 1

LOGGED BY _____ D.D.H. NO 76-U-58 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	13.0	DARK COLOURED QUARTZ-SERICITE PHYLLITE. Competent. Foliation-45° characterized by uniform thin laminae. Traces of graphite.													
13.0	13.7	MASSIVE SULFIDE ZONE: W/short alternating intervals of yellowish white bleached phyllite, M. sulfides and creamy white (with Fuchsite spots) bleached phyllites. Back intervals are of max. 10cm with sharp contacts-45°.													
13.7	15.0	DARK COLOURED QUARTZ-SERICITE PHYLLITE. Similar to the 12.1 -13m run. F_2 -50°; F_1 - axial plane-50°.													
15.0	18.3	MASSIVE SULFIDE. Dense and brittle with more sph enriched bands than previous runs (0-9.0). Traces of foliation marked by sph train-40°. First contact (at 15m) is marked by small shear and bull quartz (2cm)-45°. Second contact (at 18.3) is sharp marked by sph rich bands (1cm).													
18.3	25.9	DARK QUARTZ SERICITE PHYLLITE. Competent. Some intervals show highly crenulated F_1 -40° axial plane, w/occasional Zn rich bands. F_2 -30°. Small calcite stringers, widely spaced in random strike orientation but oftentime parallel to either one of the foliations notably mineralized (=1cm in thickness) Likewise for quartz stringers.	7.6/7.6												
		19.0-19.1: Bx. Quartz fragments with sulfides cemented													

LOGGED BY _____ D.D.H. NO 76-U-58 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 % Pb	Assay % Zn	Assay % Ag
25.9	28.9	QUARTZ-SULFIDE. Very siliceous. Competent.	10	6	1.5/1.5		25.9	27.4		6 PZ.	Est.						
		Pervasive silicification almost completely obli-	30	10	1.5/1.5		27.4	28.9		10 PZ	Est.						
		terated. Roiginal foliation structure-what remain show 35°															
		(F ?). Locally enriched sulfide intervals in clots and in															
		bands. Gradual lithological change in both ends.															
28.9	38.2	DARK SERICITE PHYLLITE. Competent. Highly crenulated F			9.3/9.3		28.9	38.2									
		axial plane0-10°. F -10°. Calcite filling of F prominent-															
		some with a few specks of sulfides. Trace of graphite.															
		32.0: Fold nose.															
38.2	58.0	QUARTZ-SERICITE PHYLLITE. Competent. Light coloured with			19.8/19.8												
		faint greenish tint. Abundant bull quartz intervals and															
		calcite stringers. Foliation 0-10° marked by calcite and															
		quartz rich laminae (F ?). Grenulated F axial plane 0° @															
		39.8. Pink carbonate (Rhodochrosite?????) stringers @ 52;															
		52.1 and 52.3 cutting across F (?) foliation. Some short															
		intervals with bleached white appearance.															
58.0	82.3	DARK SERICITE PHYLLITE. Competent. Abundant calcite as															
		stringers as well as in groundmass. Foliation F -10°. F			24.3/24.3		58.0	82.3									
		axial plane 0°. Small intervals of greenish bleached phyll.															
		widely spaced (=<10cm run). Very minor sulfide showings.															
		FOLD NOSES: 70.1; 74; and 80m.															

LOGGED BY _____ D.D.H. NO 76-U-58 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
82.3	86.9	GREENISH WHITE BLEACHED PHYLLITE. Competent. Chloritic-			4.5/4.6		82.3	86.9									
		calcitic. Foliation-10° (F ? because of regular laminae).															
		F2 not distinct. Sericite has talcy feel. Tuffaceous look-															
		ing groundmass.1 82.5: Fold nose.															
		83.8-85.4: Very calcitic. Calcite intervals with bull qtz.				W.Av.	86.8	93.0	6.2	2.71	1.49	38.8					
		86.4-86.5: Shear. Phyllite, calcite, qtz frags/w ser. clay.															
		86.9: Sharp contact with massive sulfides-20°.															
86.9	100.5	MASSIVE SULFIDE ZONE. Competent. Some sph enriched	70	20	1.5/1.5	2194	86.8	88.3	1.5	5.05	2.44	57.60			7.57	3.66	86.4
		intervals. Faint foliation-10° marked by minute dark	60	25	1.6/1.6	2195	88.3	89.9	1.6	5.00	3.05	60.34			8.0	4.88	96.5
		minerals, qtz and sometimes calcite. Occassional	70	15	1.5/1.5	2196	89.9	91.4	1.5	0.33	0.13	20.23			0.495	0.195	30.34
		vuggy sarts lined with calcite prism. Some Cpy blebs	80	15	1.0/1.6	2197	91.4	93.0	1.6	0.48	0.33	17.14			0.768	0.528	27.12
		distinct. Po and Mgtt in clots.	70	20	1.3/1.5	2198	93.0	94.5	1.5	5.15	5.05	80.57			7.725	7.575	120.86
		98.0: Gradual change to bleached quartz sericite	70	20	1.4/1.5	2199	94.5	96.0	1.5	2.03	0.85	49.37			3.045	1.275	74.055
		phyllite intervals until 100.5.	60	15	1.5/1.5	2200	96.0	97.5	1.5	5.00	1.83	88.80			7.50	2.745	133.20
100.5	106.6	BLEACHED SERICITE PHYLLITE. W/yellow greenish tint.	50	15	1.5/1.5	2201	97.5	99.0	1.5	2.53	2.75	41.49			3.795	4.125	62.235
		Talcy feel. Foliation 0-5° occassionally with trains	50	15	1.5/1.5	2202	99.0	100.5	1.5	3.50	4.10	47.31			5.25	6.15	70.965
		of sulfides-calcitic.															
						W.Av.	86.8	89.9	3.1								
	106.6	END OF HOLE. IN WASTE.				W.Av.	89.9	92.9	3.1								
						W.Av.	93.0	100.5	7.5	3.64	2.92	61.51			27.315	21.870	461.31
						W.Av.	86.8	100.5	13.7	3.22	2.27	51.2					

FAGU059

DRILL HOLE : FAGU059

NORTHING : 905,002.7

EASTING : 592,227.9

ELEVATION : 1,124.8

TOTAL DEPTH : 127.2

SECTION : W 76

R.F.E. : S2

RFE DIRECTION: 230

PLUNGE ANGLE : 11

PLUNGE DIRECT: 312

DHD CALC: 1

SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	38
NOS DOWN-H-SURVEYS:	5
NOS DOWN-H-LITHOLOGY:	32
NOS DOWN-H-STRUCTURE:	22
NOS DOWN-H-FAULTS:	8
NOS DOWN-H-SPLINES:	5
NOS COMPOSITES:	0

DDH: FAGU059 UTM-N: 905,002.7 UTM-E: 592,227.9 UTM-ELEV: 1,124.8 TOTAL DEPTH: 127.2 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	07081	2.0	1.9	4A4	3.37	.05	4.50	11.09	74.00		1.37	1	10	12						
2.0	4.0	07082	2.0	2.0	4A4	3.37	.04	2.89	6.20	55.00		.81	1	15	16						
4.0	6.0	07083	2.0	2.0	4A4	3.22	.05	4.20	8.10	73.00		1.23	1	9	11						
6.0	7.8	07084	1.8	1.8	4A4	3.31	.05	3.70	8.19	68.00		1.37	1	12	14						
7.8	9.7	07085	1.9	1.9	4E14	3.45	.02	5.79	13.50	98.00		1.03	1	10	11						
9.7	10.6	07086	.9	.9	4D4	4.01	.10	9.50	16.89	165.00		1.64	1	7	9						
10.6	12.8	07087	2.2	2.2	4E14	3.81	.34	10.40	18.39	175.00	169.00	2.33	2	7	10						
12.8	14.9	07088	2.1	2.1	4E14	4.11	.14	9.19	18.39	158.00		2.06	1	11	13						
14.9	17.0	07089	2.1	2.1	4E14	4.54	.10	11.80	18.00	191.00		2.06	2	13	15						
17.0	18.8	07090	1.8	1.8	4E4	4.80	.20	6.40	6.99	92.00		1.70	1	33	35						
18.8	20.0	07091	1.2	1.2	4E4	4.65	.07	11.00	18.60	167.00		1.91	2	22	24						
20.0	21.1	07092	1.1	1.1	4E4	4.54	.08	10.00	17.19	156.00		2.06	2	22	24						
21.1	23.1	07093	2.0	2.0	4G4	4.69	.10	6.29	10.00	110.00		1.37		17	17						
23.1	25.1	07094	2.0	2.0	4G4	4.71	.22	6.90	10.50	122.99		1.91		19	20						
25.1	27.1	07095	2.0	2.0	4G4	4.70	.22	6.79	11.00	111.99		2.12	2	21	24						
27.1	29.1	07096	2.0	2.0	4G4	4.61	.23	6.50	10.50	133.00		1.91		19	20						
29.1	31.1	07097	2.0	2.0	4G4	4.63	.16	8.30	12.50	143.00	144.00	1.51	1	21	23						
31.1	32.8	07098	1.7	1.4	4G4	4.71	.27	6.59	10.00	123.99		1.10		23	24						
32.8	33.8	07099	1.0	1.0	4E4	4.62	.17	9.59	15.90	150.00		1.16	2	13	16						
33.8	35.2	07100	1.4	1.4	4E4	4.88	.22	11.00	15.09	157.00		.81	1	22	24						
35.2	37.2	07201	2.0	2.0	4G4	3.54	.19	6.50	10.00	111.99		.47		19	20						
37.2	39.2	07202	2.0	2.0	4G4	4.50	.16	6.50	10.19	101.00		.47	1	21	22						
39.2	41.2	07203	2.0	2.0	4G4	4.62	.08	6.90	10.19	90.00		.47	1	19	20						
41.2	42.9	07204	1.7	1.4	4G4	4.71	.17	6.40	10.30	101.00		.68	1	21	23						
42.9	44.6	07205	1.7	1.7	4G4	4.61	.10	6.90	11.40	114.99		.95	1	17	19						
44.6	46.3	07206	1.7	1.7	4G4	4.49	.11	6.99	13.40	119.99		.55	3	23	26						
46.3	47.5	07207	1.2	1.2	4E64	4.76	.34	9.40	13.80	180.00		.27	2	25	28						
47.5	48.5	07208	1.0	.9	4E4	4.50	.20	8.40	20.69	138.00		.68	5	20	25						
48.5	50.4	07209	1.9	1.9	4E4	4.74	.27	7.70	13.59	108.00		.55	3	28	32						
50.4	52.0	07210	1.6	1.6	4E0	4.61	.28	1.16	.76	29.99		.55	3	40	43						
52.0	53.6	07211	1.6	1.6	4E0	4.54	.28	.46	.51	21.00		.68	2	40	43						
53.6	54.5	07212	.9	.9	4E4	4.34	.11	6.50	11.19	107.00		1.70	2	25	27						
101.9	102.9	07213	1.0	1.0	4A0	3.06	.05	1.26	2.50	23.00		.75	2	8	10						
102.9	104.5	07214	1.6	1.6	4E4	3.91	.20	2.50	2.79	38.00		.81	2	25	28						
104.5	105.1	07215	.6	.6	4C0	3.31	.20	1.64	2.02	26.00		.89	5	13	19						
105.1	107.3	07216	2.2	2.2	4A13	3.02	.13	.19	.45	6.00		.55	2	8	11						
107.3	109.5	07217	2.2	2.2	4A13	3.06	.17	.20	.41	7.99		1.16	2	9	12						
109.5	110.1	07218	.6	.6	4E0	4.04	.16	2.29	2.50	35.00	30.99	.75	5	22	28						
WEIGHTED AVERAGE																					
.0	54.5		54.5	53.7		4.30	.16	6.88	11.66	114.74	12.10	1.25	1	19	21						
101.9	110.1		8.2	8.2		3.30	.15	1.03	1.41	18.43	2.26	.83	3	13	16						

DDH: FAGU059 UTM-N: 905,002.7 UTM-E: 592,227.9 UTM-ELEV: 1,124.8 TOTAL DEPTH: 127.2 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	135.400	227.100
30.500	137.300	230.000
61.000	137.000	231.000
91.400	147.500	239.000
121.900	152.400	243.000

DDH: FAGU059 UTM-N: 905,002.7 UTM-E: 592,227.9 UTM-ELEV: 1,124.8 TOTAL DEPTH: 127.2 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
7.8	0001	4A4	(4E1&4)	0.5-	1
9.7	0002	4E14	(4A4 CLASTS)	0.5-	1
10.6	0003	4D4		0.5-	1
17.0	0004	4E14	(4A0&4&9 PHYLLITIC)MINOR	0.5-	1
18.8	0005	4E4	(4E0)	0.5-	1
21.1	0006	4E4	&1	0.5-	1
32.8	0007	4G4	(4E64)	0.5-	1
33.8	0008	4E4	&1 &@ MINOR [4D4]	0.5-	1
35.2	0009	4E4	&1 &6 &9 (4D4) 80:20	0.5-	1
44.6	0010	4G4	-> (4E64) &POROUS	0.5-	1
46.3	0011	4G4	(4E4 POROUS &#)	0.5-	1
47.5	0012	4E64	& POROUS	0.5-	1
48.5	0013	4E4	BXA	0.5-	1
50.4	0014	4E4	& BXA	0.5-	1
53.6	0015	4E0	&1	0.5-	1
54.5	0016	4E4	&6 & POROUS-MINOR	0.5-	1
56.4	0017	5D*	BXA - FAULT	0.5-	1
61.3	0018	3GC		0.5-	1
69.9	0019	5B80		0.5-	1
86.9	0020	3GC	&9	0.5-	1
89.2	0021	5D6		0.5-	1
90.8	0022	5DC	&6	0.5-	1
94.6	0023	5B80	&6 (5DO) MINOR	0.5-	1
95.1	0024	5A3		0.5-	1
101.9	0025	5B80	(5DO)	0.5-	1
102.9	0026	4AC		0.5-	1
104.5	0027	4E4	&1 &7 &8 (4A0&4)	0.5-	1
105.1	0028	4C0	&8 SERICITIC (4A14)	0.5-	1
109.5	0029	4A13		0.5-	1
110.1	0030	4EC	&7 &8 &1	0.5-	1
126.6	0031	3GC	&9 [5A16]	0.5-	1
127.2	0032	5A16		0.5-	1

DDH: FAGU059 UTM-N: 905,002.7 UTM-E: 592,227.9 UTM-ELEV: 1,124.8 TOTAL DEPTH: 127.2 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU059	0.0	0.1		P	0	0	0	0	30	230	0	1	1	1
FAGU059	0.0	6.1		P	0	0	0	0	1	230	0	1	1	1
FAGU059	0.0	12.0		P	0	0	0	0	10	230	0	1	1	1
FAGU059	0.0	18.0		P	0	0	0	0	10	230	0	1	1	1
FAGU059	0.0	24.5		P	0	0	0	0	24	230	0	1	1	1
FAGU059	0.0	30.5		P	0	0	0	0	24	230	0	1	1	1
FAGU059	0.0	36.5		P	0	0	0	0	8	230	0	1	1	1
FAGU059	0.0	42.5		P	0	0	0	0	4	230	0	1	1	1
FAGU059	0.0	48.5		P	0	0	0	0	5	230	0	1	1	1
FAGU059	0.0	54.2		P	0	0	0	0	30	230	0	1	1	1
FAGU059	0.0	60.0		P	0	0	0	0	40	230	0	1	1	1
FAGU059	0.0	66.0		P	0	0	0	0	55	230	0	1	1	1
FAGU059	0.0	72.0		P	0	0	0	0	50	230	0	1	1	1
FAGU059	0.0	78.0		P	0	0	0	0	37	230	0	1	1	1
FAGU059	0.0	84.0		P	0	0	0	0	48	230	0	1	1	1
FAGU059	0.0	90.0		P	0	0	0	0	55	230	0	1	1	1
FAGU059	0.0	96.0		P	0	0	0	0	45	230	0	1	1	1
FAGU059	0.0	102.0		P	0	0	0	0	54	230	0	1	1	1
FAGU059	0.0	108.0		P	0	0	0	0	47	230	0	1	1	1
FAGU059	0.0	114.0		S	0	0	0	0	64	230	0	1	1	1
FAGU059	0.0	120.0		P	0	0	0	0	39	230	0	1	1	1
FAGU059	0.0	126.0		P	0	0	0	0	42	230	0	1	1	1

DDH: FAGU059 UTM-N: 905,002.7 UTM-E: 592,227.9 UTM-ELEV: 1,124.8 TOTAL DEPTH: 127.2 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU059	7.8	9.7	D		0	0	0	0	0	0	1
FAGU059	47.5	48.5	XD?		0	0	0	0	0	0	1
FAGU059	48.5	50.4	XR		0	0	0	0	0	0	1
FAGU059	54.5	56.4	X		47	0	0	0	27	0	1
FAGU059	70.6	70.8	G		99	999	99	999	99	999	1
FAGU059	79.4	79.8	J		0	0	20	270	0	0	1
FAGU059	100.2	101.9	R1G		0	0	0	0	0	0	1
FAGU059	102.7	102.9	RG		0	0	0	0	0	0	1

DDH: FAGU059 UTM-N: 905,002.7 UTM-E: 592,227.9 UTM-ELEV: 1,124.8 TOTAL DEPTH: 127.2 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU059	1	2
FAGU059	2	2
FAGU059	3	2
FAGU059	4	2
FAGU059	5	1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 10

DIAMOND DRILL CORE LOG

Date: 8 July/81

Hole Number: FAGU-059 (76-U-59)

Project: GRUM

Location: SECTION 76W

Claim:

UTM Terr.Plane Co-ords.: 6 905 002.7 N

conversion of KA survey grid

592 227.9 E

Grid Co-ords: 2+19m N

76+00m W

Elevation: 1124.8m

Total Depth: 127.2m

Purpose: RELOG - GRUM

Reason hole Terminated:

Logged by: GG

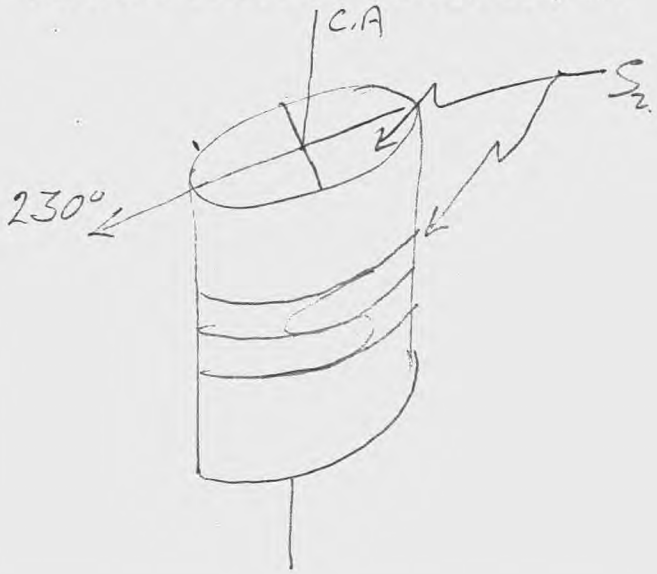
Date(s) Logged: 6-8 July/81

Drilling Contractor: CAMERON McCUTCHEON

Hole Cemented:

Steel down hole:

Reference Fabric Orientation Diagram:



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

CORE Size	From	To
BQ	0.0	127.2

Collar Cased and Capped: ____

Started: 7 APRIL/76 Completed: 9 APRIL/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH FAGU059

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	FAGU059	1121.8	9050021.7	5922271.9	METRES

227.1 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGU059	0.0	135.4	225.5	ATCOLLAR
R	FAGU059	30.5	137.3	230.0	SPERRY SUN
R	FAGU059	61.0	137.0	231.0	
R	FAGU059	91.4	147.5	239.0	
R	FAGU059	121.9	152.4	243.0	
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 EAGU052 (2–8) Cyprus Anvil Mining Corp. Page 3 of 10

Lithologic Log Date: 6 July/82 Logged By: GG

UNITS = METRES

Code	From	To	Recov.	No.	Unit	Description	FW CNT TYPE	FW CNT %
	10–14	16–20	22–24	26–28	30–34	35		
L	100	178		001	A,A4,	± (3G12 +c FINELY INTERBANDED)		11S2
						+(4E1 ±4)		
L	178	197		002	A,E,I,A	+ ("BLOT" 4A4 JSM) COMMONLY IN	GRADES OVER 30 cm	11S2
						DISCONTINUOUS ALIGNED		
						FRAGS – DUE TO AE		
						RECRYSTALLIZATION);		
L	197	1106		3	A,D4,	WITH 0.5–3 cm BLEBS	8 cm QZ VN BRECCIA	
						OF QZ COMPRISING		
						10% OF UNIT – HAS		
						APPEARANCE OF AK		
						WITH QZ INSTEAD OF $CO_3^=$;		
L	1106	1170		4	A,E,I,A	WITH 1% QZ BLEBS <1cm DIA	Prob.	11S2
						AS UNIT 5; HIGH GRADE;		
						+(minor 4A0 – PHYLLITIC PARTINGS		
						±4±9)		
L	1170	1188		5	A,E4,	+(4E0); LOWER GRADE THAN		11S2
						ABOVE; NO QZ BLEBS		
L	1188	1211		6	A,E4,	±1 → AS QZ BLEBS <1cm DIA		11S2
						AS ABOVE UNIT 4;		
L	1211	1328		7	A,G4,	+(4E64) HONEY SPHAL.		11S2
						AG = V. HIGH SPHAL;		
						20% BARITE;		
						+(minor 4E4 – POROUS @ F/W)		
						NOTE THIS IS REALLY		
						4G4 WITH V. HIGH SPHAL		
						THROUGHOUT;		
L	1328	1338		8	A,E4,	±1 → AS 0.5–2.0 cm QZ BLEBS		11S2
						COMPRISING 5% OF UNIT;		
						±*–minor ANK; [4D4]		
						SUGGESTS UNIT 7 MAY BE		
						A FOLD NOSE;		
L	1338	1352		9	A,G4,	±[±6±9+(4D2 @ 34.9–35.2m)		11S2
L	1352	1446		10	A,G4,	+(4E64)± POROUS		11S2
						HONEY + ORANGE SPHAL;		
L	1446	1463		11	A,G4,	+(4E4 – POROUS ± CALC)	RUBBLY PROB	11S2
						HONEY & ORANGE SPHAL;		

DDH FAGU057 (2–8) Cyprus Anvil Mining Corp. Page 4 of 10

Lithologic Log Date: 8 July/81 Logged By: GG

UNITS = METRES

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	F/W CNT %
1	10–14	16–20	22–24	26–28	30–34	35		
L	14.63	14.75		1.2	A1E64	±POROUS	RUBBLE	
L	14.75	14.85		1.3	4E41	-BRECCIA → 4E4+4E0 CLASTS, 0.2-1.0 cm DIA, IN CLOSED MATRIX → 4E4 = HIGH GRADE → PROB HEALED FAULT;		
L	14.85	15.04		1.4	4E41	±BRECCIA ± LOCAL FINE RUBBLE + HIGH GRADE;	COARSE RUBBLE	PROB 11S2
L	15.04	15.36		1.5	4E01	±1- @ 0.8m H/W		11S2
L	15.36	15.45		1.6	4E41	±6 → ESPECIALLY TOWARD F/W; +(4G0 - @ 54.3-54.5 (F/W) - 60% BARITE) +(minor 4E4 POROUS)	IRREG	~11S2?
L	15.45	15.64		1.7	5D*1	BRECCIAS-(5D*, 4E0, 4G4 CLASTS IN QZ-BA MATRIX @ 54.5-55.2 m) +(5D*4 ±TALC-DOLO @ 55.2-55.6 - PROB A LARGE CLAST IN FAULT) +(5A6 +(4E ±4) CLASTS IN QZ MATRIX @ 55.6-56.1 - 50% = CRACKLE BRECCIA ONLY) +(OPEN MATRIX QZ+4A3 CLASTS IN 4H0 MATRIX @ 56.1-56.4) FAULT	IRREG	~11S2
L	15.64	16.13		1.8	3G21	±FINE GRAINED;	PROB	11S2
L	16.13	16.79		1.9	5D31	WITH CALCITE LENSES & LAMS; +(5D*4 @ H/W 30 cm)		11S2
L	16.79	18.69		2.0	3G21	±F.G.; GOUGE @ 70.6-70.8 - CNTS & 3G LENSES 11S2; +(3G72)	20 cm QZ VN BRECCIA 11S2	
L	18.69	18.72		2.1	5D61	DARK GREEN		11S2
L	18.72	19.08		2.2	5D31	±6 - LIGHT GREEN;		11S2
L	19.08	19.46		2.3	5TB83	-MOD. CALC ±6 +(minor 5D3)	—	11S2

GAT/DSJ 29 Aug 82

5880 →

360±9 →

DDH FAGU057 (2 / 8)

UNITS = METRES

Cyprus Anvil Mining Corp.

Lithologic Log

Page 5 of 10

Date: 8 July/81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	F/W CNT %
1	10 14	16 20	22 24	26 28	30 34	35		
L	19.46	19.51		24	5A3	DOMINANTLY CALCITE ± CARBON LAMS;		1/S
L	19.51	101.9		25	5B8B3	-F.G. + (5D3) 5BG4 - COARSE RUBBLE + LOCAL GOUGE @ 100.2 - 101.9m;	PROBS	1/S
L	101.9	102.7		26	4AA/0	FINE RUBBLE + GOUGE @ 102.7 - 102.9 m;	RUBBLE	
L	102.7	104.5		27	4E4/1	±1±4 ± 7,8 @ 40cm F/W + (4A ±4)		1/S
L	104.5	105.1		28	4D0	- SERICITIC ±8 + (4A14)		1/S
L	105.1	109.5		29	4A113	CARBON + PHYLLITIC PARTINGS;		1/S
L	109.5	111.01		30	4EA/0	±7±8±1		1/S
L	111.01	112.66		31	3G12	±9 ± F.G + (4A1 - NO SULPHIDES [5A16 - WITH "HYDROTH. QZ])		1/S
L	112.66	112.72		32	5A116	F.G, MASS.;	—	
						END OF HOLE @ 127.2m		

DDH FAG 0052 Cyprus Anvil Mining Corp. Page 6 of 10

Structural Log Date: 8 July/81 Logged By: GG

UNITS = METRES

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		10 1					30 230	C-STRUCTURES
S		61					00	"
S		112 0					10	S-QZ BANDS
S		118 0					10	S-BANDS
S		124 5					24	S-BANDS
S		130 5					2A	"
S		136 5					08	"
S		142 5					04	"
S		148 5					05	" // 48m - BRECCIA CNTS;
								⇒ FOLIATION IN
								BRECCIA = 09° TO C.A.
S		15A 2					30	
B	154 5	156 9						BRECCIA - H/W CNT @ AVG 47/000
								F/W CNT @ V IRREG
								BUT AVG @ 27°/00
S		1600					40	
S		1660					55	
B		1700						10cm GOUGE // S_2 @ 37°.
S		1720					50	
S		1780					37	79.4 - 79.8 - TENSION GASHES @ 020/270
S		1840					48	
S		1900					55	
S		1960					45	
S		1012 0					54	
S		1018 0					47	P&R DOM - 0 - 111m.
S		1114 0		S			64	S-REGION - 111 - 120
S		1210 0					39	P&R - 120 - 127.6.
S		1216 0					42	
								END OF HOLE @
								127.2m.

DDH EAGU0515 2/8 **Cyprus Anvil Mining Corp** Page 7 of 10

ASSAY LOG (SAMPLER'S COPY) Date 8 July/81 Logged by GG 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	100	120	710181	120	119	4A4	
P	120	140	710182	120	120	4A4	
P	140	160	710183	120	120	4G4	
P	160	178	710184	118	118	4A4	
P	178	197	710185	119	119	4E1A	+(4A4)
P	197	1106	710186	109	109	4D4	---
P	1106	1128	710187	122	123	4E1A	
P	1128	1149	710188	121	121	4E1A	
P	1149	1170	710189	121	121	4E1A	
P	1170	1188	710190	118	118	4E4	+(4E0)
P	1188	1200	710191	112	112	4E4	±1
P	1200	1211	710192	111	111	4E4	±1
P	1211	1231	710193	120	120	4E6A	+(4G4)
P	1231	1251	710194	120	120	4E6A	+(4G4)
P	1251	1271	710195	120	120	4E6A	+(4G4)
P	1271	1291	710196	120	120	4E6A	+(4G4)
P	1291	1311	710197	120	120	4E6A	+(4G4)
P	1311	1328	710198	117	114	4E6A	+(4G4) + (4E4 - POROUS)
P	1328	1338	710199	110	110	4E4	±1
P	1338	1352	711010	114	114	4GA	±1±6±9 + (4D4)
P	1352	1372	712011	120	120	4G4	+ (4E64 ± POROUS)
P	1372	1392	712012	120	120	4G4	+ (4E64 ± POROUS)
P	1392	1412	712013	120	120	4G4	+ (4E64 ± POROUS)
P	1412	1429	712014	117	114	4GA	+ (4E64 ± POROUS)
P	1429	1446	712015	117	117	4G4	+ (4E64 ± POROUS)
P	1446	1463	712016	117	117	4G4	+ (4E4 - POROUS ± CALC)
P	1463	1475	712017	112	112	4E6A	± POROUS
P	1475	1485	712018	110	109	4E4	BRECCIA - FAULT.
P	1485	1504	712019	119	119	4E4	
P	1504	1520	712110	116	116	4E0	
P	1520	1536	712111	116	116	4E0	
P	1536	1545	712112	109	109	4E4	±6 + (4G4) + (4E4 - POROUS)
P	11019	11029	712113	110	110	4A4	
P	11029	11045	712114	116	116	4E4	±1±4 ±7±8 + (4A0±4)

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

DDH EAGU052 Cyprus Anvil Mining Corp

Logged by GG

ASSAY LOG (SAMPLER'S COPY) Date 8 July/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	1014 5	1015 1	721 15	10 6	10 6	4A10 1	SERICITIC ±8 +(4A14)
P	1015 1	1017 3	721 16	12 2	12 2	4A1 13	
P	1017 3	1019 5	721 17	12 2	12 2	4A1 13	
P	1019 5	1110 1	721 18	10 6	10 6	AE-AI°	±1 ±7 ±8
							END OF HOLE @ 127.2m

Meters

FAULT

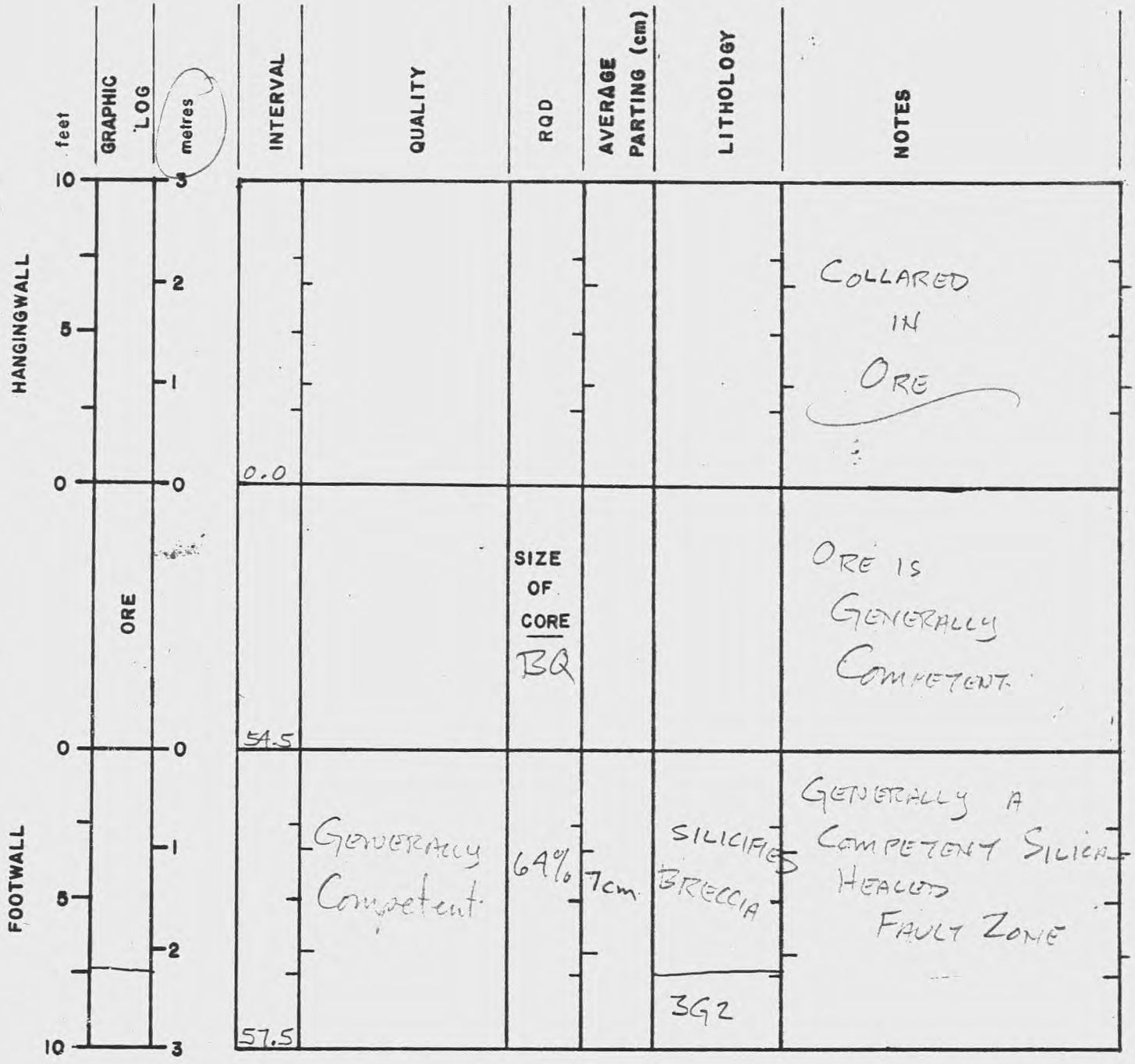
DDH FAGU059 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: 28 Oct/83 Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	178	197	D1					4A frags in recrystallized pyrite matrix
F	1417.5	1418.5	X1					bxa 4E4% 4E0 clasts in 4E4 matrix
F	1418.5	1510.4	X1R1					± bxa ± rubble
F	1514.5	1516.4	X1		417 0100		217 0100	clasts in sulphide matrix
F	1710.6	1710.8	G1		919 91919	919 91919	919 91919	all // S_2
F	1101.2	1101.9	R1G					rubble & local gouge
F	1101.7	1102.9	R1G					rubble & gouge
F	1719.4	1719.8	J1			210 2170		tension gashes

DDH- FIAGU0151
0.0 - 54.5

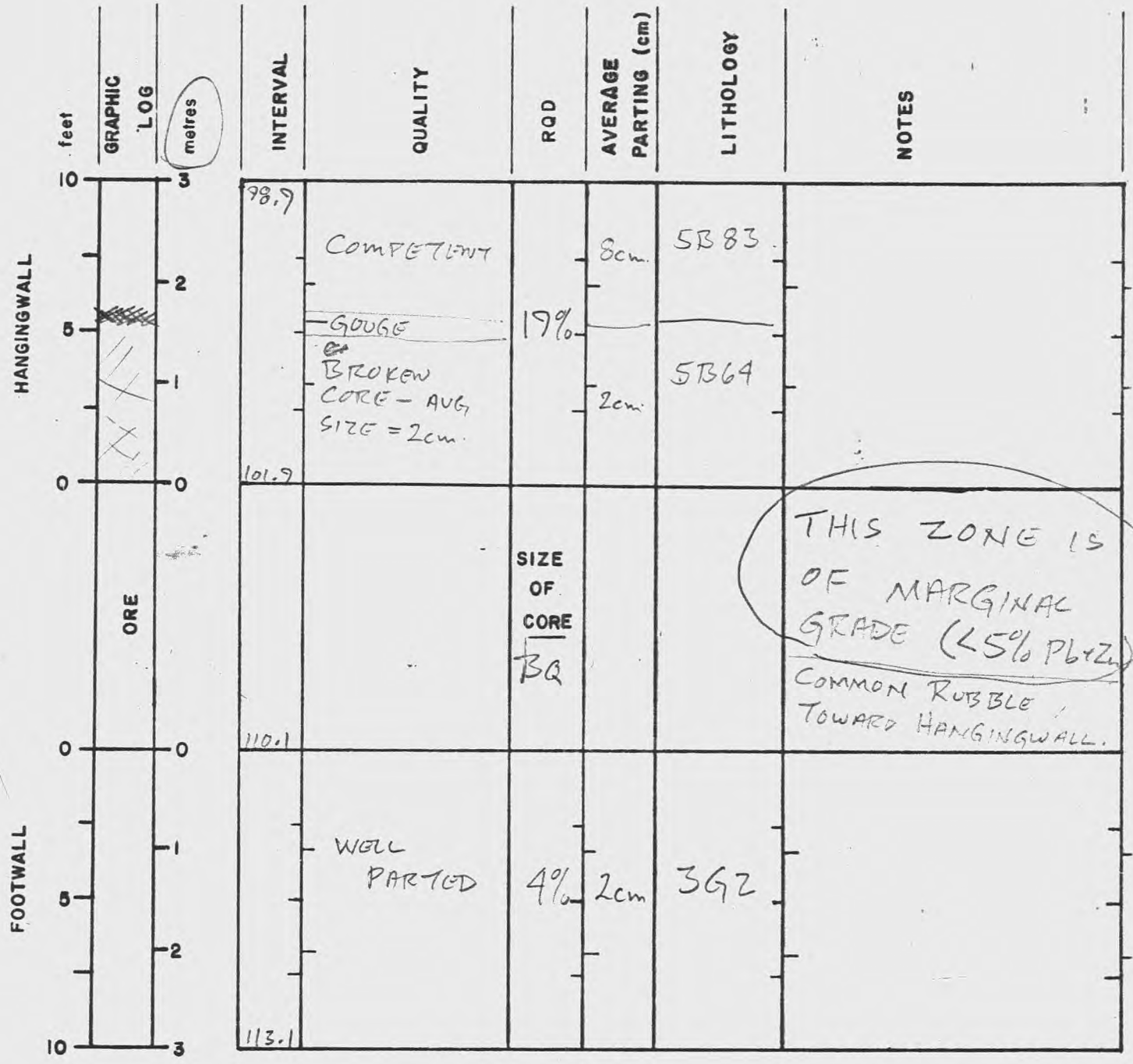
GEOTECHNICAL LOG



DDH- EIAGM01512

101.9 – 110.1 m

GEOTECHNICAL LOG



DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO D.D.H. Nº 76-U-59 PAGE 1

PROPERTY GRUM JOINT VENTURE

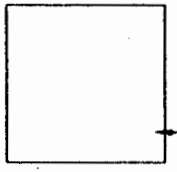
LATITUDE 10798.160N 2^{N}+19^{m}N STARTED APRIL 7, 1976

DEPARTURE 7534.893 E 76W COMPLETED APRIL 9, 1976

ELEVATION 1135.444 M PROPOSED DEPTH

ULTIMATE DEPTH 127.2

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	227°06'22"	-45°22'
100'	228	-47°
200'	229	-47°
300'	238	-57°
400'	241	-62°



CLAIM Nº

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 92.2%

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	9.1	QUARTZ-SULFIDE. Competent. Foliation=10° (F_2)															
		Often time marked by sulfide bands. F_1 highly	30	7	0.6/1.5	2203	0	1.5	1.5	3.80	8.22	55.54			5.70	12.33	83.31
		crenulated and off-setted by F_2. Axial plane 0-5°	35	8	1.4/1.5	2304	1.5	3.0	1.5	4.43	10.12	66.51			6.645	15.18	99.765
		Notable local sph rich intervals.	35	8	1.5/1.5	2305	3.0	4.5	1.5	2.70	4.60	40.46			4.05	6.90	60.69
		1.2-1.4: Pebbly broken core. Trace of Graphite.	40	10	1.6/1.6	2206	4.5	6.1	1.6	4.98	9.08	69.60			7.968	14.528	11.36
			40	15	1.5/1.5	2207	6.1	7.6	1.5	4.25	8.60	60.34			6.375	12.90	90.51
			45	15	1.5/1.5	2208	7.6	9.1	1.5	5.70	10.65	76.80			8.55	15.975	115.20
9.1	10.6	TRANSITION ZONE from QUARTZ-SULFIDE to MASSIVE SULF	60	18	1.4/1.5	2209	9.1	10.6	1.5	8.73	17.15	137.14			13.095	25.725	205.71
		Increasing wider bands of sulfides following gener	70	20	1.5/1.5	2210	10.6	12.1	1.5	11.26	19.08	163.54			16.89	28.62	245.31
		al foliation and sometimes cutting across.	70	18	1.4/1.5	2211	12.1	13.6	1.5	9.63	15.98	149.14			14.445	23.97	223.71
			70	18	1.5/1.5	2212	13.6	15.1	1.5	10.33	18.33	153.26			15.495	27.495	229.89
10.6	54.7	MASSIVE SULFIDES. Competent. Locally sph parts	80	10	1.4/1.4	2213	15.1	16.5	1.4	13.29	18.52	197.83			18.606	25.928	276.962
		have pinkish or flesh colour. No form of foliation	80	10	1.5/1.5	2214	16.5	18.0	1.5	5.49	6.90	76.80			8.235	10.35	115.2
		visible although some sph rich bands appear to have	75	10	1.5/1.5	2215	18.0	19.5	1.5	13.20	15.37	163.54			19.8	23.055	245.31
		10-15° dip. Groundmass is very fine grain except	75	15	1.5/1.5	2216	19.5	21.0	1.5	11.09	18.22	153.26			16.635	27.33	229.89
		for ubiquitous x'lline Py. Opalline silica in	70	15	1.5/1.5	2217	21.0	22.5	1.5	7.20	9.48	121.03			10.8	14.76	181.545
		spotty distribution as cavity filling (amygdules)	70	15	1.5/1.5	2218	22.5	24.0	1.5	7.25	10.55	113.14			10.875	15.825	169.71
						W.Av.	0	24.0	24	7.67	12.53	111.83					

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
		Barite prism sometime lining cavity walls.	70	15	1.5/1.5	2219	24.0	25.5	1.5	8.00	10.96	129.26			12.00	16.44	193.89
		Calcite occassionally as discontinuous stringers.	70	15	1.4/1.5	2220	25.5	27.0	1.5	7.15	10.20	114.86			10.725	15.30	172.29
			65	15	1.5/1.5	2221	27.0	28.5	1.5	7.20	10.30	123.09			10.80	15.45	184.635
		48.5-48.7: BROKEN GROUND. Pebbles of massive	70	15	1.3/1.5	2222	28.5	30.0	1.5	7.00	9.90	123.09			10.5	14.85	184.635
		sulfides coated with dark, sooty,earthy looking	70	15	1.5/1.5	2223	30.0	31.5	1.5	9.20	12.28	139.20			13.80	18.42	208.8
		material.	70	15	1.2/1.5	2224	31.5	33.0	1.5	7.60	10.15	111.09			11.40	15.225	166.635
		54.7: Contact marked by 5cm. thick bull quartz.	65	18	1.4/1.5	2225	33.0	34.5	1.5	10.95	13.95	151.20			16.425	20.925	226.8
54.7	56.0	BLEACHED PHYLLITE. Yellowish white with deep green	65	18	1.4/1.5	2226	34.5	36.0	1.5	9.50	13.39	143.32			14.25	20.085	214.98
		mottled colouring (chlorite?). Calcitic groundmass	65	18	1.5/1.5	2227	36.0	37.5	1.5	7.20	10.00	104.92			10.80	15.00	157.38
		and stringers. Barite prism lining cavity walls.	65	18	1.4/1.5	2228	37.5	39.0	1.5	7.10	10.45	100.80			10.65	15.675	151.20
		Faint foliation-30°.	65	18	1.4/1.5	2229	39.0	40.5	1.5	7.70	10.96	96.69			11.55	16.44	145.035
		56.0: Sharp contact with dark sericite phyllite	65	18	2.0/2.1	2230	40.5	42.6	2.1	6.80	9.79	109.03			14.28	20.559	228.963
		1.3/1.3	65	18	1.5/1.6	2231	42.6	44.2	1.6	6.90	10.60	104.92			11.04	16.96	167.872
56.0	61.1	DARK SERICITE PHYLLITE. Competent. Foliation F_2 30°	65	15	1.2/1.5	2232	44.2	45.7	1.5	6.92	12.53	127.20			10.38	18.795	190.8
		F_1 as minute crenulations inbetween F_2. Ax. plane	65	15	1.2/1.5	2233	45.7	47.2	1.5	8.85	12.29	163.54			13.275	18.435	245.31
		(F_1)-30°-see illustration. Some short sulfide in-	60	15	0.9/1.5	2234	47.2	48.7	1.5	9.08	17.70	139.20			13.62	26.55	208.8
		tervals widely spaced and small clots asso. w/qtz.	60	15	0.9/1.6	2235	48.7	50.3	1.6	8.53	13.55	121.03			13.648	21.68	193.648
		veinlets (av. thickness-0.5cm). Traces of graphite.	60	10	1.0/1.5	2236	50.3	51.8	1.5	1.28	0.43	25.37			1.92	0.645	38.055
		56.2: Sph rich span (10cm). First contact marked	60	10	1.1/1.5	2237	51.8	53.3	1.5	0.28	0.53	12.00			0.42	0.795	18.00
		by 10cm Bx zone-quartz pebbles healed by silica	65	15	1.4/1.5	2238	53.3	54.8	1.5	5.82	8.73	98.74			8.73	13.095	148.11
		and sulfides. Second contact abrupt				W.Av.	0	50.3	50.3	7.82	12.08	117.81			393.30	607.66	5925.75
						W.Av.	0	7.6	7.6								
						W.Av.	0	54.8	54.8	7.38	11.35	111.86			404.37	622.195	6129.91
						W.Av.	50.3	53.3	3.0	1.26	PbZn						
							24	50.3	26.3	7.95	11.66	123.2					

LOGGED BY _____ D.D.H. NO 76-U-59 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		marked by small shear-30° at 56.4.	5.0/5.1		56.0	61.1									
61.1	70.0	SERICITE PHYLLITE. Competent. Gray ash with dark greenish bands. Groundmass of gray ash potion is calcitic. Foliation =40° (F_2?). Calcite stringers notable and cuts across general foliation in random orientations.	8.9/8.9		61.1	70.0									
70.0	88.3	DARK SERICITE PHYLLITE. Sheared in some intervals but generally competent. Foliation F_2=50°. F_1 folds in between F_2's with axial plane=45°. Aside from colour, the abscence of carbonates differentiate this rock from the 61.1-70.0 run.	18.0/18.3		70.0	88.3									
		71-71.5: Shear. Marked by gound sericitic flakes.													
		84-84.1: Shear with some gougy materials.													
88.3	100.5	SERICITE PHYLLITE. Competent. Ash colour with greenish tint. Groundmass is calcitic or has abundant minute calcite stringer and bands. General rock characteristic is similar to the 61.1 -70m run. Foliation=50°. Has short tuffaceous (?) looking intervals eg. @ 94.5-95.0.	10.6/10.7		88.3	99.0									
			0.9/1.5		99.0	100.5									
		99.5-100.5: Sheared zone. Sliding plane marked by loose sericite flakes and calcitic clay materials.													
100.5	102.1	BROKEN GROUND. QUARTZ-SERICITE PHYLLITE. Foliation=50°. Partly calcitic but not as much as preceeding run.	0.8/1.6		100.5	102.1									

LOGGED BY _____ D.D.H. NO 76-U-59 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
102.1	110.5	QUARTZ-SULFIDES WITH SHORT INTERVALS OF MASSIVE SULFIDES.													
		Foliation-50° marked by sulfides. Crenulated laminae with													
		axial plane 45° (F_1)-sometimes sulfides with quartz. Some													
		calcite stringers. Spotty distribution of Po and Mgtt.													
		usually associated with massive sulfide bands.													
		102.5-103.6: Broken ground. Indications of shearing.													
		104-105: Massive sulfides. Spotty and banded 40 8	1.2/1.5	2239	102.1	103.6	1.5	2.00	2.38	27.43			3.00	3.57	41.145
		appearance due to Po bands and clots. 60 8	1.4/1.5	2240	103.6	105.1	1.5	2.40	2.60	32.23			3.60	3.90	48.345
		106.2: Calcite stringers cutting across foliations. 30 6	1.5/1.5	2241	105.1	106.6	1.5	0.23	0.54	8.23					
		107.9: Bx. Bull quartz fragments (≤ 2cm) cemented 30 5	1.4/1.6	2242	106.6	108.2	1.6	0.10	0.25	6.17					
		by sulfides mostly Py and Po. 30 5	1.3/1.5	2243	108.2	109.7	1.5	0.38	0.45	8.91					
		109.5-109.7: Massive sulfides with some calcites 20 5	0.8/0.8	2344	109.7	110.5	0.8	1.38	1.30	19.20					
		in the groundmass and amygdaloidal opalline silica. Mgtt.													
		and Po. 109.9-110: Massive sulfide.													
		110: Sharp contact with dark graphitic phyllite-30°.		W.Av.	102.1	105.1	3.0	2.20	2.49	29.83			6.60	7.47	89.490
		Although the contact itself is sharp, the surface is quite			105.1	109.7	4.6	0.64	PbZn						
		irregular. Some flame structure can be seen with the phyllite													
		material projecting into the sulfide zone.													
110.5	127.2	DARK GRAPHITIC PHYLLITE. Competent. Regular foliation, 50°													
		F_1 axial plane 50° but plane connecting crest to crest is 0°													
		Minor sulfide showings following major 50° foliation and	16.0/16.7		110.5	127.2									
		occassionally the f_1 folds													

LOGGED BY _____ D.D.H. NO 76-U-59 PAGE 5

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		117.3: Nose fold.													
	127.2	END OF HOLE. -WASTE													

FAGU061

DRILL HOLE : FAGU061
NORTHING : 905,003.7
EASTING : 592,228.6
ELEVATION : 1,124.4
TOTAL DEPTH : 120.5
SECTION : W 76
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	29
NOS DOWN-H-SURVEYS:	4
NOS DOWN-H-LITHOLOGY:	41
NOS DOWN-H-STRUCTURE:	28
NOS DOWN-H-FAULTS:	8
NOS DOWN-H-SPLINES:	4
NOS COMPOSITES:	0

DDH: FAGU061 UTM-N: 905,003.7 UTM-E: 592,228.6 UTM-ELEV: 1,124.4 TOTAL DEPTH: 120.5 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.
							ASSAYS														
1.2	3.2	07415	2.0	1.9	4A14	3.52	.05	3.10	5.29	38.00		.81	1	7	8						
3.2	5.2	07416	2.0	2.0	4A14	3.10	.07	2.39	3.79	31.99		1.03		6	7						
5.2	7.2	07417	2.0	2.0	4A14	3.16	.05	3.60	5.20	48.00		.81		5	6						
7.2	9.2	07418	2.0	2.0	4A14	3.33	.05	3.79	5.09	61.99		.95	1	11	12						
9.2	11.3	07419	2.1	2.1	4A30	3.66	.17	.31	1.03	13.00		.75	1	23	25						
11.3	13.4	07420	2.1	2.1	4A30	3.72	.23	.65	.34	35.00		1.51	1	26	28						
13.4	15.5	07421	2.1	2.1	4A30	3.49	.11	.81	1.55	30.99		.81	1	21	22						
15.5	16.9	07422	1.4	1.4	4A14	3.08	.05	2.02	4.20	38.00		.68		5	6						
16.9	18.4	07423	1.5	1.5	4A13	3.45	.16	.46	.55	28.99		.68	1	21	22						
18.4	20.4	07424	2.0	1.8	4E0	3.72	.20	.14	.38	14.99		1.10	2	26	28						
20.4	22.4	07425	2.0	2.0	4E0	3.60	.19	.08	.32	11.00		.68	1	23	25						
22.4	24.3	07426	1.9	1.9	4E0	3.66	.33	.11	.29	13.00		.89	2	26	28						
24.3	25.1	07427	.8	.7	4E4	4.49	.20	8.30	10.00	141.00		1.64	2	25	28						
25.1	25.8	07428	.7	.7	4E14	3.81	.23	3.29	3.20	57.99		1.78	1	24	25						
25.8	27.4	07429	1.6	1.6	4E74	4.84	.14	9.69	7.09	147.00		1.43	4	28	33						
27.4	29.0	07430	1.6	1.6	4E74	4.84	.14	8.59	4.40	137.00		1.58	4	30	35						
29.0	30.0	07431	1.0	1.0	4E0		.34	.77	.34	27.99											
30.0	30.6	07432	.6	.6	4G4	4.83	.16	7.59	9.30	114.99		1.78	1	22	24						
30.6	32.8	07433	2.2	1.9	4E4	4.17	.20	5.90	7.79	100.00		1.78	1	23	25						
55.8	56.3	07434	.5	.5	4G4	4.20	.14	5.00	7.40	92.00		1.43	1	17	18						
59.9	60.9	07435	1.0	1.0	4G4	4.46	.17	6.79	10.69	136.00		2.06	1	11	13						
87.4	89.1	07436	1.7	1.7	4E1	4.38	.10	2.10	2.50	45.00		1.10	1	32	34						
89.1	90.8	07437	1.7	1.5	4E1	4.24	.16	2.20	2.50	37.00		1.16	1	29	31						
90.8	91.3	07438	.5	.5	5A$	3.16	.16	1.13	1.14	24.00		.55	2	9	12						
91.3	91.7	07439	.4	.4	4A1	2.95	.02	1.12	2.29	23.00		.62	2	4	6						
91.7	92.8	07440	1.1	1.1	4H1	3.99	.11	.98	1.39	24.00		.68	2	31	34						
92.8	96.7	07441	3.9	3.9	4A1		.08	.56	.73	13.99											
112.2	113.7	07442	1.5	1.5	4D4	3.62	.10	6.90	14.49	114.99	108.00	1.43	4	11	15						
113.7	115.2	07443	1.5	1.5	4D4	3.54	.10	6.99	14.69	120.99		1.64	2	9	12						
WEIGHTED AVERAGE																					
1.2	32.8		31.6	30.9		3.60	.15	2.85	3.33	51.39		1.05	1	19	20						
55.8	56.3		.5	.5		4.20	.14	5.00	7.40	92.00		1.43	1	17	18						
59.9	60.9		1.0	1.0		4.46	.17	6.79	10.69	136.00		2.06	1	11	13						
87.4	96.7		9.3	9.1		2.34	.10	1.24	1.54	25.97		.55	1	15	17						
112.2	115.2		3.0	3.0		3.58	.10	6.94	14.59	117.99	54.00	1.54	3	10	13						

DDH: FAGU061 UTM-N: 905,003.7 UTM-E: 592,228.6 UTM-ELEV: 1,124.4 TOTAL DEPTH: 120.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	160.000	224.000
45.700	162.800	232.000
91.400	169.000	232.000
120.300	171.500	232.000

DDH: FAGU061 UTM-N: 905,003.7 UTM-E: 592,228.6 UTM-ELEV: 1,124.4 TOTAL DEPTH: 120.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.2	0001	#		0.5-	1
9.2	0002	4A14	(4D0)	0.5-	1
15.5	0003	4A30	(4C5) (4E15)	0.5-	1
16.9	0004	4A14	(4D5)	0.5-	1
18.4	0005	4A13	(4C5)	0.5-	1
24.3	0006	4E0	&1 (4A30) (4C0 &5)	0.5-	1
25.1	0007	4E4	&7	0.5-	1
25.8	0008	4E14	(4A13)	0.5-	1
29.0	0009	4E74	&1	0.5-	1
30.0	0010	4E0	&1 &7 &8 &4	0.5-	1
30.6	0011	4G4	(4E64)	0.5-	1
32.3	0012	4E4	&8 &1 &6	0.5-	1
32.8	0013	3G9	(4E4# POROUS) 60:40	0.5-	1
41.8	0014	3G0		0.5-	1
53.3	0015	5A6	(5B26)	0.5-	1
55.8	0016	5B6	(5A6)	0.5-	1
56.3	0017	4G4	&# (4E14) (4C$ &5) 40:20:40	0.5-	1
59.1	0018	5B62	CRACKLE BXA	0.5-	1
59.9	0019	5B20	&$	0.5-	1
60.9	0020	4G4	&#	0.5-	1
70.1	0021	5A3	(5B02)	0.5-	1
72.0	0022	5D@$	(5D4$) 53:47	0.5-	1
72.9	0023	5B6		0.5-	1
85.3	0024	5B0		0.5-	1
86.0	0025	5B2$		0.5-	1
86.6	0026	4A1	&4 &$	0.5-	1
87.0	0027	5D$@		0.5-	1
87.4	0028	5A1		0.5-	1
90.8	0029	4E1	&#	0.5-	1
91.3	0030	5A$		0.5-	1
91.7	0031	4A1	&4 (4G*) 75:25	0.5-	1
92.8	0032	4H1	&9 (4A0) (4E0) 45:18:37	0.5-	1
96.7	0033	4A1	&3	0.5-	1
97.9	0034	5B0	&4	0.5-	1
109.1	0035	5B0		0.5-	1
109.6	0036	3D8	[3G3 BIO]	0.5-	1
110.3	0037	5A0		0.5-	1
111.8	0038	3G3		0.5-	1
112.2	0039	5A0	BXA	0.5-	1
115.2	0040	4D4	(4E14) (5D3[5E0]) MINOR	0.5-	1
120.3	0041	3GC	&3	0.5-	1

DDH: FAGU061 UTM-N: 905,003.7 UTM-E: 592,228.6 UTM-ELEV: 1,124.4 TOTAL DEPTH: 120.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU061	0.0	1.8	PS2		0	0	0	0	36	230	0	1	1	1
FAGU061	0.0	7.6	PS2		0	0	0	0	70	230	0	1	1	1
FAGU061	11.5	13.0	PS2	M	0	0	0	0	0	230	0	1	1	1
FAGU061	0.0	14.0	CS2	S	0	0	45	0	69	230	0	1	1	1
FAGU061	0.0	20.0	CS2	S	0	0	0	0	1	230	0	1	1	1
FAGU061	0.0	26.0			0	0	0	0	74	230	0	1	1	1
FAGU061	0.0	32.0			0	0	0	0	74	230	0	1	1	1
FAGU061	0.0	38.5	PS2	P	0	0	78	0	62	230	0	1	1	1
FAGU061	0.0	40.0	CS2	Z	0	0	77	180	83	230	0	1	1	1
FAGU061	40.0	43.0	CS2	M	0	0	0	0	0	230	0	1	1	1
FAGU061	0.0	47.0	CS2	S	0	0	57	0	75	230	0	1	1	1
FAGU061	47.0	49.0	CS2	Z	0	0	0	0	0	230	0	1	1	1
FAGU061	0.0	53.0	CS2	M	0	0	0	0	62	230	0	1	1	1
FAGU061	53.0	57.0	PS2	P	0	0	0	0	0	230	0	1	1	1
FAGU061	0.0	59.0	CS2	M	0	0	0	0	84	230	0	1	1	1
FAGU061	59.0	60.0	PS2	P	0	0	0	0	0	230	0	1	1	1
FAGU061	0.0	66.0	CS2	M	0	0	0	0	68	230	0	1	1	1
FAGU061	66.0	70.0	CS2	Z	0	0	0	0	0	230	0	1	1	1
FAGU061	0.0	75.0	PS2	P	0	0	0	0	77	230	0	1	1	1
FAGU061	0.0	81.0			0	0	0	0	75	230	0	1	1	1
FAGU061	0.0	87.5	CS2	M	0	0	0	0	84	230	0	1	1	1
FAGU061	0.0	93.0	PS2	P	0	0	0	0	68	230	0	1	1	1
FAGU061	0.0	99.0			0	0	0	0	70	230	0	1	1	1
FAGU061	0.0	103.0	CS2	S	0	0	0	0	80	230	0	1	1	1
FAGU061	0.0	106.0	CS2	M	0	0	0	0	64	230	0	1	1	1
FAGU061	0.0	113.0	CS2	S	0	0	0	0	65	230	0	1	1	1
FAGU061	0.0	115.0			0	0	43	0	60	230	0	1	1	1
FAGU061	0.0	120.5	PS2	P	0	0	0	0	63	230	0	1	1	1

DDH: FAGU061 UTM-N: 905,003.7 UTM-E: 592,228.6 UTM-ELEV: 1,124.4 TOTAL DEPTH: 120.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU061	35.1	35.2	G		0	0	99	999	0	0	1
FAGU061	40.7	40.8	G		0	0	99	999	0	0	1
FAGU061	56.3	59.1	QX		0	0	0	0	0	0	1
FAGU061	0.0	59.9	X		0	0	0	0	0	0	1
FAGU061	111.8	112.2	R1G		0	0	0	0	0	0	1
FAGU061	112.0	112.2	X		0	0	0	0	0	0	1
FAGU061	118.1	118.3	G		0	0	29	270	0	0	1
FAGU061	119.1	119.4	G		0	0	45	300	0	0	1

DDH: FAGU061 UTM-N: 905,003.7 UTM-E: 592,228.6 UTM-ELEV: 1,124.4 TOTAL DEPTH: 120.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU061	1	2
FAGU061	2	2
FAGU061	3	2
FAGU061	4	1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 11

DIAMOND DRILL CORE LOG

Date: 12 July/81

Hole Number: FAGU-061 (76-U-061)

Project: GRUM RELOG

Location: SECTION 76 W

Claim:

~~UTM~~ Terr. Plane Co-ords.: 6 905 003.7m N

conversions of KA survey grid.

592 228.6m E

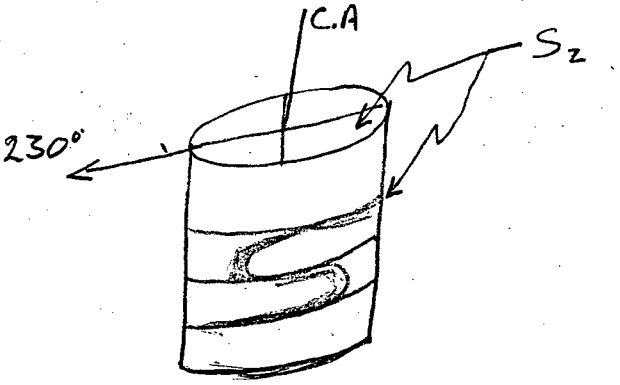
Grid Co-ords: 2+20.3m N

76 W

Elevation: 1124.4 m

Total Depth: 120.3m

Reference Fabric Orientation Diagram:



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

Purpose: DEFINITION - GRUM DEPOSIT.

Reason hole Terminated: THROUGH MAIN SULPHIDES INTO FOOTWALL.

Logged by: GG

Date(s) Logged: 10-12 July/81

Drilling Contractor: CAMERON McCUTCHION

Size	CORE From	To
BQ	0.0	120.3m

Collar Cased and Capped: No

Hole Cemented: No

Steel down hole: No

Started: 11 April/76 Completed: 13 April/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH ~~FA-G-U-06-1~~ 2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	FAGU0611	1124.A	9050103.7	592228.6	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGU0611	0 0	160.0	224.0	AT COLLAR
R	FAGU0611	451.7	162.8	232.0	SPERRY SUN
R	FAGU0611	901.4	169.0	232.0	DIP & BEARING SURVEY
R	FAGU0611	1274.9	171.5	232.0	READINGS MAY BE DUE
R		0 3	.	.	TO MAGNETIC INTERFERENCE
R		1203	.	.	
R		EOH	.	.	
R		13	.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH E.A.G.U.0.6.1 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 3 of 11

Date: 16 July/81 Logged By: GG

CHECKED DJS.

UNITS = METRES

Code	From	To	Recov.	No.	Unit	Description	FAN TYPE	FAN CNT %
1	10 14	16 20	22 24	26 28	30 34	35		
L	00	12		0.01	*	NO RECOVERY		
L	12	192		2	4A1A	-CARBON ± PHYLLITIC PARTINGS		1½
						+(4D0)		
L	192	1655		3	4A3	+(4C5) +(4E15 → CARBON + PHYLLITE)		1½
						ALL UNITS GRADATIONAL;		
L	1555	1697		4	4A1A	-C + PHYL. PARTINGS		1½
						+(4D5)		
L	1697	1841		5	A1A13	+(4C5)		1½
L	1841	2433		6	A1E01	±1 +(4A3 - PHYL + C PARTINGS)		1½
						+(4C0 ±5 - all GRADATIONAL)		
L	2433	2511		7	4EA1	±7 → ? DIFFICULT TO SEE,	PROB	1½
						MAGNETIC;		
L	2511	2588		8	A1E11	+(4A13)		1½
L	2588	2900		9	A1E17A	±1 - HIGH GRADE	PROB	1½
L	2900	3000		10	A1E01	±1 ±7,8 +(4E4)		1½
L	3000	3066		11	AG41	20% BARITE + HONEY SPHAL		1½
						+(4E64)		
L	3066	3123		12	A1E41	±8 ±1 ±6		1½
L	3123	3128		13	3G92	+(4E4* - POROUS LAMS, CALC,		1½
						ORANGE + RED SPHAL @		
						32.6 - 32.8)		
L	3128	4118		14	3G21	±FINE GRAINED; COMMON		1½
						FINE SHEARED PYRITE		
						LENSES;		
						+(5A6±3 TOWARD F/W)		
						GOUGES 1½ @ 35.1 - 35.2		
						& 40.7 - 40.8 m;		
L	4118	5133		15	5A6	LOW CARBON, ± FINE GRAINED,		1½
						+(5B26)		
L	5133	5588		16	5B6	±FINE GRAINED		1½
						+(5A6 - LOW CARBON)		
L	5588	5633		17	AG4	±CALC, 25% BARITE,		1½
						ORANGE SPHAL.		
						+(4E14 @ 56.0 - 56.1)		
						+(4C* - DOLO/SERICITIC ±5		
						@ 56.1 - 56.3)		

DDH FAGV.06.1 (2–8)

UNITS = METRES

Cyprus Anvil Mining Corp.

Lithologic Log

Page 4 of 71

Date: 10 July/81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	F/W CNT %
1	10–14	16–20	22–24	26–28	30–34	35		
L	51.63	51.91		18	5B62	CRACKLE BRECCIA		11S2
						THROUGHOUT;		
L	51.91	60.0 (59.9)		19	5B23	+*-DOLO INCREASING		11S2
						TOWARD F/W;		
		59.9				+(minor 4G4 WITH DARK		
	59.91					RED SPHAL @ 59.9m)		
L	60.0	60.97		20	4G4	40% BARITE, LT. ORANGE SPHAL, ±CALC; 2 cm H/W BRECCIA OF DOLO CLASTS IN 4G4;	PROB	11S2
L	60.97	71.01		21	5A3	LOW CARBON;		11S2
						+(minor 5B32 @ 0.5m F/W)		
L	71.01	72.0		22	5D*	ANK + DOLO;		11S2
						+(5D4* - DOLO @ 71.0-71.9)		
L	72.0	72.97		23	5BG	-F.G.		11S2
L	72.97	85.3		2A	5B3			11S2
L	85.3	86.0		25	5B2*	-DOLO → LOOKS LIKE LOW SULPHIDE 4A WITH DOLO INSTEAD OF QZ;	GRADES 10cm.	
L	86.0	86.88		26	4A1	±4 ±* DOLO; LOW SULPHIDE;		11S2
L	86.88	87.0		27	5D*	DOLO + ANK.		11S2
L	87.0	87.4		28	5A1	HIGH C; (BARYTOCALCITE)	COARSE RUBBLE	PROB 11S2
L	87.4	91.08		29	4E1	±* CALC + (4G*-CALC-NO BARITE)	PROB	11S2
						+ (minor 4A4 - PH)		
L	91.08	91.13		30	5A*	DOLO	PROB	11S2
L	91.13	91.17		31	4A1	±4 - CARBON PARTINGS;		11S2
						+(4G* @ 91.6-91.7m)		
L	91.17	92.28		32	4H1	±9		~11S2
						+(4A0 - LOW SULPHIDES		
						@ 92.2 - 92.4m)		
						+(4E0 @ 92.4 - 92.8m)		
L	92.28	96.7		33	4A1	±3 - C & PHY PARTINGS;		11S2
L	96.7	97.78		3A	5B3	± F.G ±4;	GRADES 10cm	11S2
L	97.7	1.09.1		35	5B3	± F.G.		11S2
L	1.09.1	1.10.96		36	3D(8)	=3G3 WITH BIOTITE		11S2
L	1.09.96	1.1.03		37	5A3			11S2
L	1.1.03	1.1.18		38	3G3	F.G.	RUBBLE + BRECCIA;	

DDH F.A.G.U.0.6.1 (2 / 8)

UNITS = METRES.

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 10 July/81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	F/W CNT %
1	10 14	16 20	22 24	26 28	30 34	35		
L	1.16	1.12		39	SA3	RUBBLE + MINOR GOUGE	STEEP?	
						+(4E1+SA3 CLASTS →		
						OPEN BRECCIA HEALED		
						WITH CALCITE; FRAGS		
						<1cm DIA @ 12.0-12.2m)		
L	1.12	1.15		A0	ADA	HIGH GRADE, 25% QZ		11Sz
						+(4E14)		
						+(minor SD3 [SEO])		
L	1.15	1.21		A1	BG2	±3 - F.G.	—	
						GOUGES AT 118.1-118.3m,		
						& 119.1-119.4m;		
						TALCOSE IN PLACES		
						ESPECIALLY GOUGES;		
						END OF HOLE @ 120.3m		

DDH FAGU061 (2–8) Cyprus Anvil Mining Corp. Page 6 of 11

Structural Log Date: 12 July/81 Logged By: GG

UNITS = METRES

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	
S		18	RS12				316 2310	C-STREAKS
S		176	RS12				710	"
S	1115	1135	RS12				00	-M-REGION-5 CLOSURE?
S	1140	C1512	S			415 1010	619	S-FOLD ON CORE.
S	1200	C5125	S				010	-S-BAND + C-STREAKS M-REGION 18.5-21.5m
S	1260						7A	-S-BANDS M -> 24.0 - 24.5 (S_2 = 0° TO C.A.)
S	1320						7A	
S	1352							Small gouge // S_2
S	1330	1385		R		718 1010	612	
S	1385	1400		Z		717 1810	813	
S	1400	1430		M				E's & 3's.
S	1430	1470		S		517 1010	715	
S	1470	1490		Z				
S	1490	1530		M			612	
S	1530	1570		R				
S	1570	1590		M			8A	
S	1590	1609		R				
S	1609	1660		M			618	REVERSING S/Z.
S	1660	1710		Z				
S	1710	1750		R			717	
S	1750	1810					715	REVERSING S/Z.
S		1817		M			8A	S @ F/W
S	1817	1930		R			618	
S	1930	1990					710	
S		2030		S			810	
S	2030	2060		M			614	
S	2060	2130		S			615	
S	2113	2150				413 1010	610	+S
S		2163		R			613	GOUGES @
								118.0m 29/270°
								119.0m 45/300°
								END OF HOLE @ 120.3m

C.A.M.C. 1981 – E – 4

DDH EA-81-61 (2 8) **Cyprus Anvil Mining Corp** Page 7 of 11

ASSAY LOG (SAMPLER'S COPY) Date 12 July 81 Logged by GG 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
	0 0	1 2		1 2	1 0		NO RECOVERY
P	1 2	3 2	7 4 1 5	2 0	1 9	4 A 1 4	+(4D0)
P	3 2	5 2	7 4 1 6	2 0	2 0	4 A 1 4	+(4D0)
P	5 2	7 2	7 4 1 7	2 0	2 0	4 A 1 4	+(4D0)
P	7 2	9 2	7 4 1 8	2 0	2 0	4 A 1 4	+(4D0)
P	9 2	11 3	7 4 1 9	2 1	2 1	4 A 1 3	+(4C5)
P	11 3	13 4	7 4 2 0	2 1	2 1	4 A 1 3	+(4C5)
P	13 4	15 5	7 4 2 1	2 1	2 1	4 A 1 3	+(4C5)
P	15 5	16 9	7 4 2 2	1 4	1 4	4 A 1 4	+(4D5)
P	16 9	18 4	7 4 2 3	1 5	1 5	4 A 1 3	+(4C5)
P	18 4	21 0 4	7 4 2 4	2 1	1 8	4 E 1	±1 +(4A3)
P	21 0 4	21 2 4	7 4 2 5	2 0	2 0	4 E 1	±1 +(4A3)
P	21 2 4	21 4 3	7 4 2 6	1 9	1 9	4 E 1	±1 +(4A3)
P	21 4 3	21 5 1	7 4 2 7	0 8	0 7	4 E 1	±1
P	21 5 1	21 5 8	7 4 2 8	0 7	0 7	4 E 0	+(4B13) VEIN
P	21 5 8	21 7 4	7 4 2 9	1 6	1 6	4 E 1 7 A	±1
P	21 7 4	21 9 0	7 4 3 0	1 6	1 6	4 E 1 7 A	±1
P	21 9 0	30 0 0	7 4 3 1	1 0	1 0	4 E 0	
P	30 0 0	30 6	7 4 3 2	0 6	0 6	4 G 1	
P	30 6	32 8	7 4 3 3	2 2	1 9	4 E 1	±8±1±6 +(3G27)
P	55 8	56 3	7 4 3 4	0 5	0 5	4 G 4	+(4C*) +(4E14)
P	59 9	60 9	7 4 3 5	1 0	1 0	4 G 1	
P	81 7 4	81 9 1	7 4 3 6	1 1 7	1 1 7	4 E 1	+(4G*)
P	81 7 1	91 0 8	7 4 3 7	1 1 7	1 1 5	4 E 1	+(4G*)
P	91 0 8	91 1 3	7 4 3 8	1 0 5	1 0 5	5 A *	
P	91 1 3	91 1 7	7 4 3 9	1 1 4	1 0 4	4 A 1	+(4G*)
P	91 1 7	91 2 8	7 4 4 0	1 1 1	1 1 1	A 1 4 1	±?(4A0)
P	91 2 8	91 6 7	7 4 4 1	1 3 9	1 3 9	A A 1	
P	111 2 2	111 3 7	7 4 4 2	1 1 5	1 1 5	4 D 4	
P	111 3 7	111 5 2	7 4 4 3	1 1 5	1 1 5	4 D 4	
							END OF HOLE @ 120.3m

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

Meters

FAULT

DDH FAGU061 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: 28 Oct/83 Logged By: ____

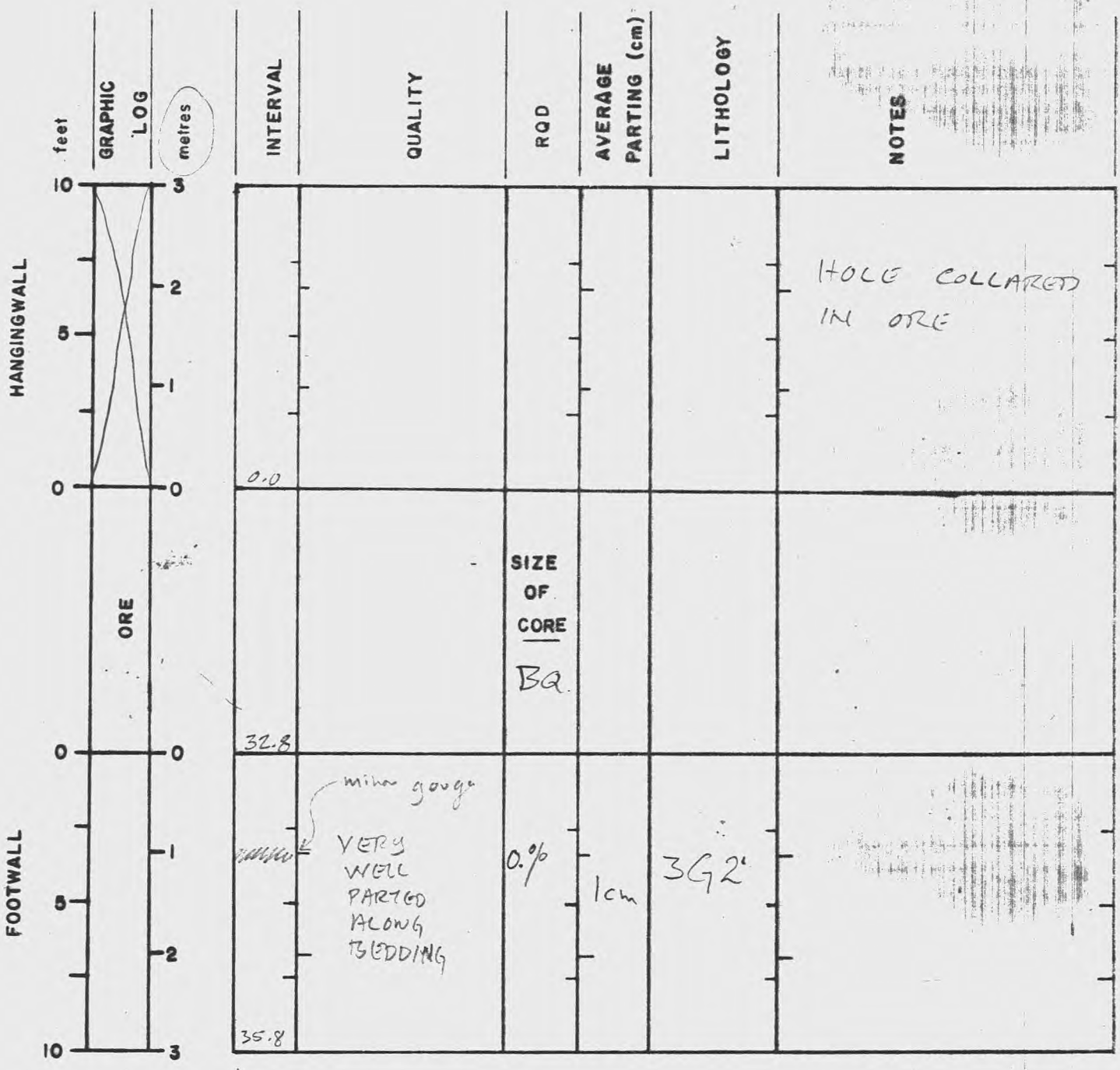
Code	From	To	Feature	sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1315	1315 2	G			919 9199		gouge // S_2
F	1410 7	1410 8	G			919 9199		gouge // S_2
F	1516 3	1519 1	QX					crackle brxn
F		1519 9	X					dolomite clasts in GG
F	1111 8	1112 2	R/G					rubble & minor gouge
F	1112 0	1112 2	X					sulphides clasts in calcite matrix
E	1118 1	1118 3	G			219 2710		gouge
F	1119 1	1119 4	G			415 3100		gouge

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

DDH- FIAG10061

0.0 - 32.8

GEOTECHNICAL LOG

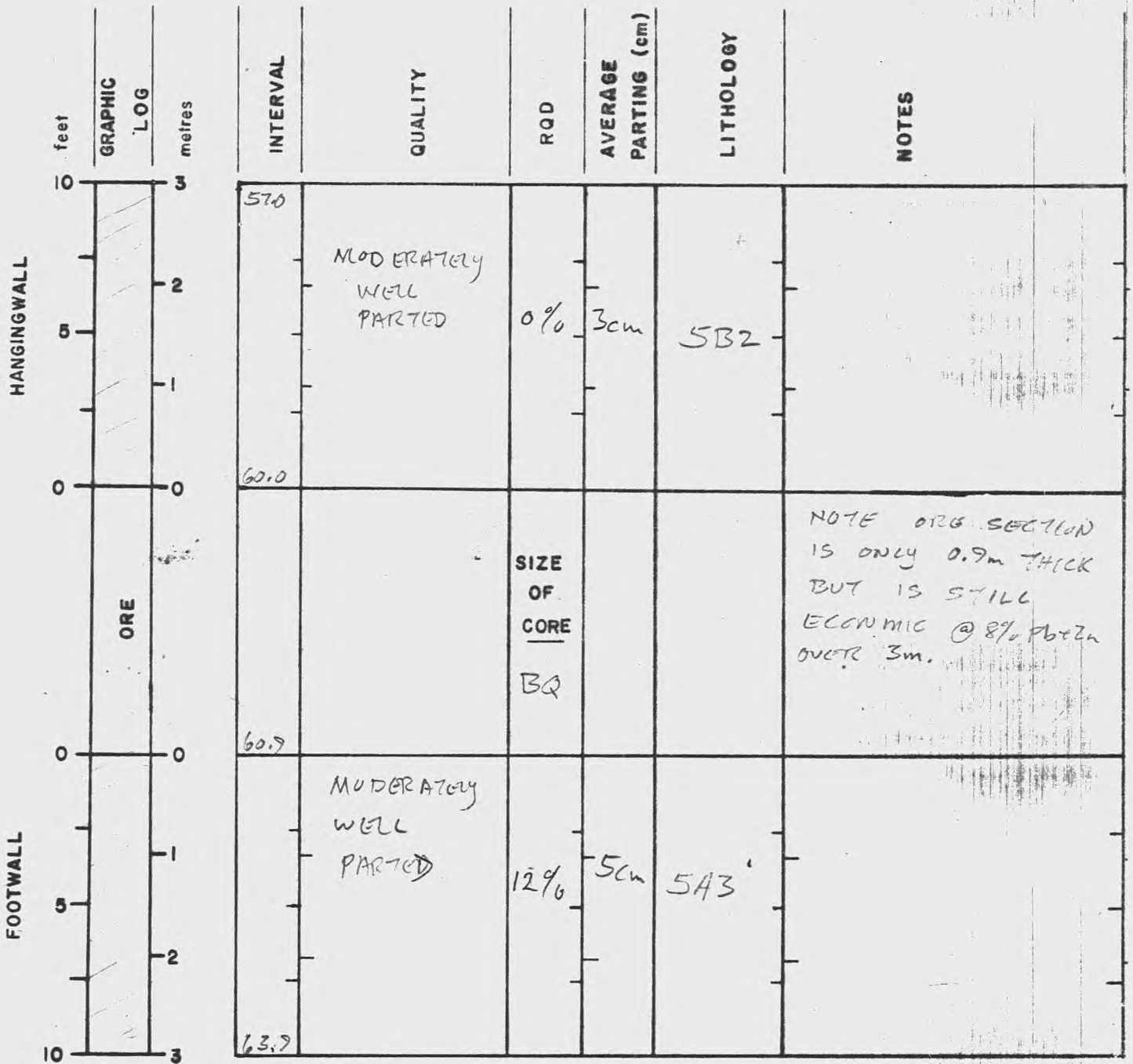


* ALSO SMALL SULPHIDE BAND @ 55.8 - 56.3m EQUIVALENT TO 2% over 3m SUBECONOMIC.

DDH- EIAGIUD161

60.0 - 60.9m

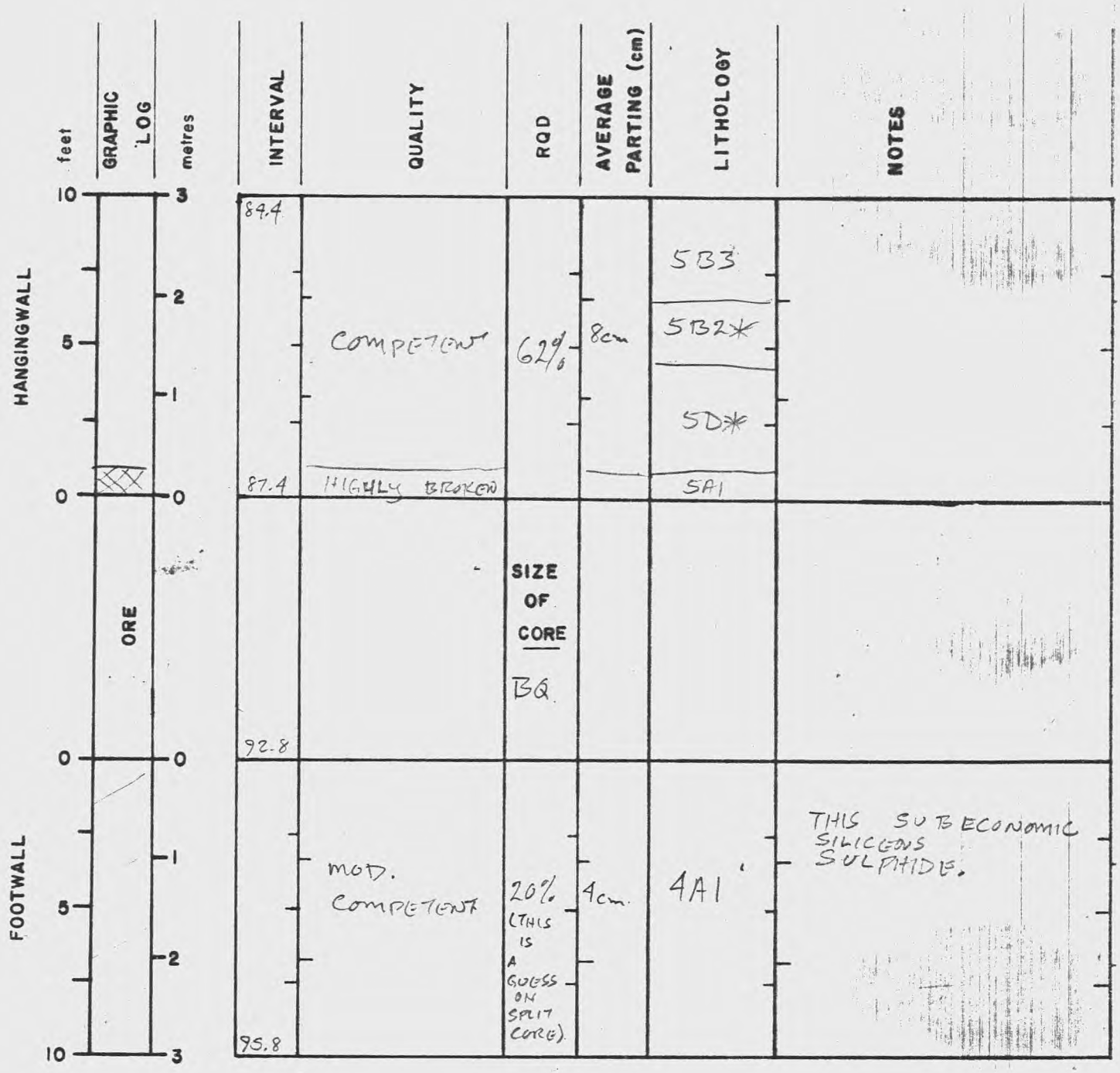
GEOTECHNICAL LOG



DDH- FAGU0161

87.4 – 92.8

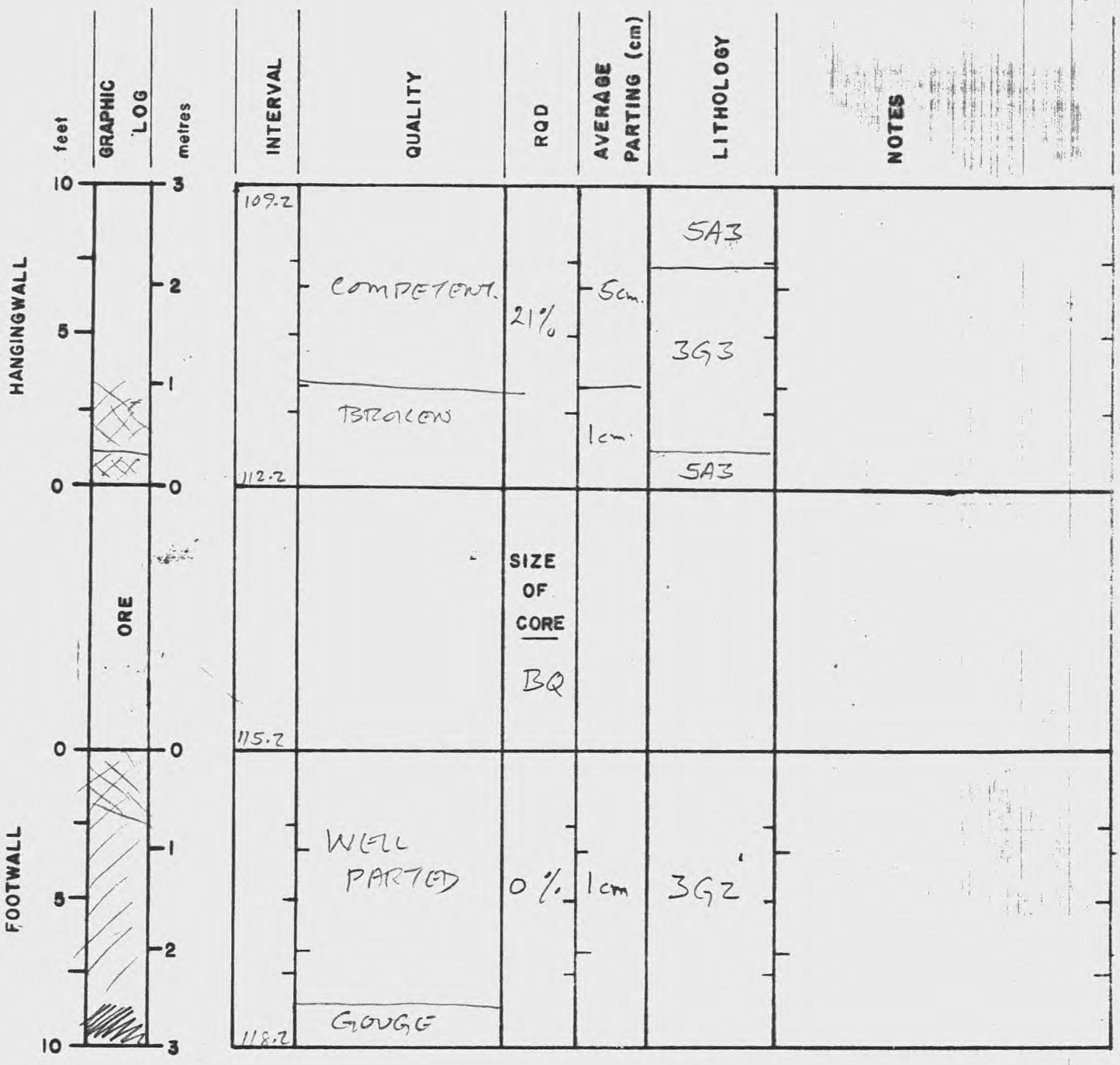
GEOTECHNICAL LOG



DDH- FIAGU016

112.2 – 115.2

GEOTECHNICAL LOG



DIAMOND DRILL RECORD

LOGGED BY ALEXANDER Y. PO

D.D.H. Nº 76-D-61 PAGE 1

PROPERTY GRUM JOINT VENTURE

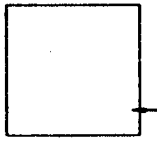
LATITUDE 10,799.082 2N+20.3m N STARTED April 11, 1976

DEPARTURE 7535.677 76W COMPLETED April 13, 1976

ELEVATION 1135.001m PROPOSED DEPTH

ULTIMATE DEPTH 1203m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR*	224°	-70°
150'-457.2	231°	-73°
300'-91.4	262°	-79°
394.6-120.3	262°	-81°



CLAIM Nº

* Collar V not surveyed. Use layout Brg. + Dip.

May be due to magnegtic interference

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 95.13%

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
0	18.2	QUARTZ-SULPHIDE: Plenty of broken grd. intervals.	30	8	0.05/1.5	2280	0	1.5	1.5	4.88	8.08	80.57			7.32	12.12	120.855
		Foliation 80° (F_2). F_1 is S-shaped (cto-c plane 0°	25	8	1.2/1.5	2281	1.5	1.5	1.5	3.78	5.55	38.40			5.67	8.325	57.6
		Sulfides in bands and locally enriched w/sph and	30	8	1.4/1.5	2282	3.0	4.5	1.5	2.83	4.10	30.17			4.245	6.15	45.255
		gal. Barite prism lining cavity walls. Short in-	35	8	1.2/1.6	2283	4.5	6.1	1.6	3.40	4.45	38.40			5.44	7.12	61.44
		tervals of porous sulphides. 0-1.5: Broken core.	35	10	1.5/1.5	2284	6.1	7.6	1.5	4.13	5.25	53.49			6.195	7.875	80.235
		12.1-13: Massive sulphide material Extremely low core recovery. Galena rich.	30	8	1.4/1.5	2285	7.6	9.1	1.5	4.08	5.35	70.63			6.12	8.025	105.945
18.2	32.6	MASSIVE SULFIDE ZONE: Competent. Short intervals	35	6	1.3/1.5	2286	9.1	10.6	1.5	0.83	1.10	26.40			1.245	1.65	39.6
		of qtz. sulfides. Foliation in m. sulfides compl-	30	6	1.0/1.5	2287	10.6	12.1	1.5	0.10	0.45	12.00			0.15	0.675	18.0
		etely obliterated except for one short interval	60	8	1.5/1.6	2288	12.1	13.7	1.6	0.90	0.95	38.40			1.44	1.52	61.44
		showing po-si rich band 45°. (32.1m) Po-Mgtt in	35	6	1.2/1.5	2289	13.7	15.2	1.5	0.75	1.23	22.29			1.125	1.845	33.435
		clots sporadically and widely distributed in bands	40	8	1.4/1.5	2290	15.2	16.7	1.5	2.04	3.55	43.54			3.06	5.325	65.31
		and isolated clots. Foliation in included qtz.-	45	6	1.4/1.5	2291	16.7	18.2	1.5	0.58	0.63	26.40			0.87	0.945	39.6
		32.6: Sharp contact with graphitic phyllite. sulfide runs 60° marked by sulfide trains.	60	6	1.4/1.6	2292	18.2	19.8	1.6	0.10	0.33	12.00			0.16	0.528	19.2
		NOTE: Footage wood block for 28.9 misplaced by drill crew.	25	6	1.5/1.5	2293	19.8	21.3	1.5	0.20	0.58	16.11			0.30	0.87	24.165
32.6	68.6	GRAPHITIC PHYLLITE: Very fissile. Fine laminatio	60	5	1.4/1.5	2294	21.3	22.8	1.5	0.08	0.19	8.91			0.12	0.285	13.365
		of black (carbonaceous) and white (qtz and oc-	70	6	1.4/1.5	2295	22.8	24.3	1.5	0.12	0.17	9.94			0.18	0.255	14.91
		cassional calcite) materials. F_2 85°; F															

LOGGED BY _____ D.D.H. NO 76-U-61 PAGE 2

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
		Sulfide trains sometime following F_1 trend. Short	75	8	1.4/1.5	2297	25.9	27.4	1.5	11.16	8.41	161.49			16.74	12.615	242.235
		interbals of massive sulfides.	75	10	1.4/1.5	2298	27.4	28.9	1.5	9.63	5.10	147.09			14.445	7.65	220.635
		33.5-33.6: Broken core. Shearing	75	8	1.1/1.1	2299	28.9	30.0	1.1	1.23	0.51	31.20			1.353	0.561	34.32
		35-35.1: Shearing. Sliding plane distinct 60°	70	6	1.5/2.0	2300	30.0	32.0	2.0	7.27	8.79	90.86			14.54	17.58	181.72
		41.0: FAULT. Thick, dark sticky gougy with phyllite			1.4/1.5	2301	32.0	33.5	1.5	2.83	4.00	50.40			4.245	6	75.6
		fragments.				Wt.Av	24.3	33.5	9.2	6.82	6.07	100.9					
		56.0-56.3: MASSIVE SULFIDE: Compositional banding of Py and			34.0/35.1		33.5	68.5	35.1								
		Sph. Sharp contacts 45°	30	8	1.5/1.5	2302	54.8	56.3	1.5	1.75	2.40	30.17					
		59.5-60.9: Massive sulfide. Compositional banding 60		10	3.1 1.5/1.5	2303	56.3 59.4	59.4 60.9	1.5	5.80	9.41	94.63					
		similar to 56-56.3. Calcite asso. as stringers.			?/7.7		60.9	68.6									
		68.6 contact w/bleached phyllite. Contact marked by broken															
		ground and bull quartz fragments.				Wt.AV	0	3.0	3.0	4.33	6.81	59.48			12.99	20.445	178.455
							3.0	6.1	3.1	3.12	4.28	34.42			9.685	13.28	106.695
							6.1	9.1	3.0	4.10	5.30	62.06			12.315	15.900	186.180
						Wt.AV	0	9.1	9.1	3.85	5.45	51.8			34.99	49.63	471/34
							3.0	9.1	6.1	3.61	4.78	48.01			22.00	29.18	292.88
							9.1	15.2	6.1	0.65	0.87	25.0			3.96	5.3	152.48
							18.2	24.3	8.1	0.12	0.32				0.76	1.938	
							24.3	32.0	7.7	7.61	6.47	110.82			58.550	49.862	853.356
							24.3	28.9	4.6	9.27	6.9	138.55			42.66	31.72	637.32
68.6	72.0	BLEACHED PHYLLITE: Greenish gray. Competent.			3.4/3.4		68.6	72.0	3.4								
		Slightly calcitic grdmass. Calcite stringers and bull quartz															
		predominates. Foliation 85 (F_2). S-shaped F_1 5° off-setted															

LOGGED BY _____ D.D.H. NO. 76-U-61 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
		Contact at 72 gradual.													
72.0	86.7	SERICITIC PHYLLITE. Dark coloured, trace of graphite.	14.0/14.7		72.0	86.7	14.7								
		Foliation F_2 80°. F_1 is a stretched S-shaped plane in bet.													
		regularly spaced F_2 (c to c plane 5°). Some intervals of re-													
		cumbent F_1 folds having some 5° trend. Fairly competent													
		except for short intervals of broken ground. Groundmass is													
		slightly calcitic in some intervals.													
		73-73.1: Broken core.													
		77.6-77.7: Small fault, gouge with sericitic falkes. Calc.													
86.7	86.9	BLEACHED PHYLLITE. Competent.	0.2/0.2		86.7	86.9	0.2								
		Finely laminated yellowish green and ash gray materials.													
		Calcitic. Foliation 85° (F_2) and F_1 is 0-5°. First contact													
		986.7') is sharp marked by bull quartz 85°. Second contact													
		(86.9') is sharp with flame structure and some sulfide train.													
86.9	87.3	GRAPHITIC PHYLLITE. Competent.	0.4/0.4		86.9	87.3	0.4								
		F_2-85°, F_1-0-3° (c to co plane). Very minor clots and traine													
		of sulfide. 87.3: Sharp direct contact with massive sulphs.													
		80°. Small flame structure in M. sulfide into graphitic													

LOGGED BY _____ D.D.H. Nº 76-U-61 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
87.3	91.0	MASSIVE SULPHIDE ZONE. Competent.													
		Short intervening graphitic phyllite gaps (3-10cm) having													
		sharp contacts 70-80°. Compositional banding give pseudo-													
		foliation in some short intervals-50° with sph. rich thin													
		laminae. Barite prisms in open cavities. Crypto x'lline													
		quartz sometimes w/calcite as amygdaloidal Py 60 ZN 8	1.5/1.5	2304	86.8	88.3	1.5	1.70	2.03	27.43			2.55	3.045	41.145
		fillings. 91: Sharp contact w/bleached phyllite. 70 8	1.5/1.5	5	88.3	98.9	1.6	1.80	2.03	35.31			2.88	3.248	56.496
		Py Zn													
91.0	91.4	BLEACHED PHYLLITE COMPETENT. Foliation 80° 60 8	1.3/1.5	2306	89.9	91.4	1.5	2.78	2.85	40.46			4.17	4.275	50.69
		marked by fine laminae of bleached white materials 45 6	1.5/1.5	2307	91.4	92.9	1.5	1.28	1.80	24.34			1.92	2.70	36.51
		(sericite?) and dark gray phyllite material. Non- 25 6	1.5/1.5	2308	92.9	94.4	1.5	0.25	0.48	8.91			0.375	0.72	13.365
		calcitic groundmass..													
		91.4: Sharp contact w/Qtz-sulfide 45° 25 6	1.6/1.6	2309	94.4	96.0	1.6	0.40	0.16	8.23			0.64	0.256	13.168
91.4	96.0	QUARTZ-SULPHIDE: Competent. With some massive sulf.		Wt.Av	92.9	96.0	3.1	0.64	PbZn						
		bands. Regular foliation 40°. Laminae with boudin like al-		Wt.Av	86.8	92.9	6.1	1.89	2.17	31.93			11.52	13.268	194.805
		ignments of quartz (F_2?) from 91.4-92. Intervals of graph-													
		itic phyllite with foliation-85-90 F_2 and F_1 (c to c) 0°-10cm													
		91.4-91.6: Massive PO.													
		96: Gradual change to dark sericite phyllite with trace of													
		graphite.													

LOGGED BY _____ D.D.H. NO 76-U-61 PAGE 5

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
96.0	112.0	DARK SERICITE PHYLLITE. COMPETENT. Trace of graph.	1.6/1.6		96.0	112.0									
		in some intervals. Foliation F_2-70° and F_1 (c to c). 0°													
		with axial plane approaching 90°. Calcitic groundmass but													
		with notable bull quartz veinlets.													
		112.0-112.1: Contact with massive sulfide zone.													
		Contact is Bx'ted and totally cemented by silica with some													
		calcite. Very sharp and clean interface between 60 10	1.5/1.5	2310	111.2	112.7	1.5	4.03	6.82	70.63			6045	10.23	105.945
		sulfide gragments and cementing material.													
112.0	115.5	MASSIVE SULFIDE ZONE: Competent. Sph + Pb rich 75 10	1.5/1.6	2311	112.7	114.3	1.6	8.43	17.14	129.26			13.488	27.424	206.816
		bands very distinct 50°. Crypto x'lline qtz. as 40 10	1.5/1.5	2312	114.3	115.8	1.5	4.80	9.69	12.69			7.20	14.535	109.035
		amyg daloidal filling. Some widely spaced calcite stringers													
		cutting across sulfide compositional bands.		Wt.Av.	111.2	115.8	4.6	5.82	11.34	91.69			26.733	52.189	421.796
		115.5: Sharp contact marked by shear 45°.													
115.5	120.3	DARK SERICITE PHYLLITE: With traces of graphite in some	4.5/4.8		115.5	120.3	4.8								
		intervals. Very fissile. Foliation-very fine laminae-													
		60° F_2. F_1 not clearly distinguishable but there are some													
		very minute crenulations in between some predominating 60°													
		laminae. Crenulations could be F_1 (c to c plane 0-5°) seen													
		only with aid of hand lens ex: 117.5. Talcy feel near end													

LOGGED BY _____ D.D.H. NO 76-U-61 PAGE 6

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay ε Pb	Assay ε Zn	Assay ε Ag
		118.5-118.7: FAULT sericite flakes with thick dark sticky													
		gouge.													
		119.0-119.2: FAULT Quartz pebbles with sericite flakes.													
	120.3	END OF HOLE													

FAGU 062

DRILL HOLE : FAGU062
NORTHING : 905,002.6
EASTING : 592,227.8
ELEVATION : 1,125.0
TOTAL DEPTH : 109.7
SECTION : W 76
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 13
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 18
NOS DOWN-H-STRUCTURE: 19
NOS DOWN-H-FAULTS: 10
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

DDH: FAGU062 UTM-N: 905,002.6 UTM-E: 592,227.8 UTM-ELEV: 1,125.0 TOTAL DEPTH: 109.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	1.6	07219	1.6	1.5	4E4	4.13	.13	6.40	9.59	107.00		1.16	2	23	25						
1.6	3.2	07220	1.6	1.5	4E4	4.69	.17	4.59	4.59	78.00		1.16	1	36	38						
3.2	4.8	07221	1.6	1.6	4E4	4.70	.16	5.29	5.50	79.00		1.98	2	34	37						
4.8	6.0	07222	1.2	1.0	4L14	3.10	.02	1.15	1.91	23.00		3.76	1	10	11						
6.0	8.0	07223	2.0	1.9	4E4	4.71	.23	6.70	9.30	135.00		2.06	1	20	21						
8.0	9.8	07224	1.8	1.6	4G4	4.66	.23	5.20	9.19	121.99		1.98		20	21						
9.8	10.5	07225	.7	.7	4G4	4.73	.17	3.70	6.70	89.00		3.02	1	24	26						
10.5	12.0	07226	1.5	1.5	4E64	4.71	.23	6.20	12.09	110.99		1.64		20	21						
12.0	13.6	07227	1.6	1.5	4E4	4.69	.05	5.90	11.50	84.00	83.00	1.03	1	30	31						
90.4	92.3	07228	1.9	1.9	4E4	4.42	.20	5.00	8.19	110.99		1.30	1	25	27						
92.3	94.1	07229	1.8	1.4	4E4	4.69	.19	7.40	10.59	120.99		1.51		19	20						
94.1	95.5	07230	1.4	1.4	4E4	4.66	.22	4.40	7.70	107.00		1.64	1	29	30						
95.5	96.9	07231	1.4	1.4	4E4	4.61	.23	5.09	8.80	113.99		1.23	1	26	28						
WEIGHTED AVERAGE																					
.0	13.6		13.6	12.8		4.48	.16	5.26	8.10	95.79	9.76	1.86	1	24	26						
90.4	96.9		6.5	6.1		4.58	.21	5.55	8.88	113.55		1.41	1	25	26						

DDH: FAGU062 UTM-N: 905,002.6 UTM-E: 592,227.8 UTM-ELEV: 1,125.0 TOTAL DEPTH: 109.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	111.000	222.300
30.500	114.200	224.000
61.000	121.000	232.000
100.600	125.000	224.000

DDH: FAGU062 UTM-N: 905,002.6 UTM-E: 592,227.8 UTM-ELEV: 1,125.0 TOTAL DEPTH: 109.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.8	0001	4E4	& POROUS - MINOR (4EO)	0.5-	1
6.0	0002	4L14	RUBBLE	0.5-	1
8.0	0003	4E4		0.5-	1
10.5	0004	4G4	(4EO &4) 80:20	0.5-	1
12.0	0005	4E64	(4G4) 50:50	0.5-	1
13.6	0006	4E4	&6	0.5-	1
14.1	0007	5C2	(5C43$)	0.5-	1
18.4	0008	5B12	6 &9 SPHAL (5A16 &9)	0.5-	1
37.6	0009	4A1	(5A16 &9)	0.5-	1
55.1	0010	5A6	(5B26) (5B6)	0.5-	1
87.8	0011	5B6	(5A6)	0.5-	1
90.4	0012	5A6	(10QO)	0.5-	1
94.1	0013	4E4	&6 (4G4)	0.5-	1
96.9	0014	4E4	&6 (4EO &6)	0.5-	1
103.7	0015	3GO		0.5-	1
104.5	0016	5A26	&O	0.5-	1
105.9	0017	5DO	(5EO)	0.5-	1
109.7	0018	5DO	(5B86)	0.5-	1

DDH: FAGU062 UTM-N: 905,002.6 UTM-E: 592,227.8 UTM-ELEV: 1,125.0 TOTAL DEPTH: 109.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU062	0.0	0.3		0	0	0	0	7	230	0	1	1	1
FAGU062	0.0	6.4		0	0	0	0	29	230	0	1	1	1
FAGU062	0.0	12.0		0	0	0	0	16	230	0	1	1	1
FAGU062	0.0	18.4		0	0	0	0	1	230	0	1	1	1
FAGU062	0.0	24.5		0	0	0	0	17	230	0	1	1	1
FAGU062	0.0	30.1		0	0	0	0	12	230	0	1	1	1
FAGU062	0.0	36.9		0	0	0	0	40	230	0	1	1	1
FAGU062	0.0	42.5		0	0	0	0	34	230	0	1	1	1
FAGU062	0.0	48.2		0	0	0	0	42	230	0	1	1	1
FAGU062	0.0	54.3		0	0	0	0	44	230	0	1	1	1
FAGU062	0.0	60.5		0	0	0	0	38	230	0	1	1	1
FAGU062	0.0	66.5		0	0	0	0	47	230	0	1	1	1
FAGU062	0.0	72.2		0	0	0	0	32	230	0	1	1	1
FAGU062	0.0	78.5		0	0	0	0	47	230	0	1	1	1
FAGU062	0.0	84.5		0	0	0	0	16	230	0	1	1	1
FAGU062	0.0	90.5		0	0	0	0	44	230	0	1	1	1
FAGU062	0.0	96.5		0	0	0	0	60	230	0	1	1	1
FAGU062	0.0	102.0		0	0	0	0	46	230	0	1	1	1
FAGU062	0.0	109.7		0	0	0	0	11	230	0	1	1	1

DDH: FAGU062 UTM-N: 905,002.6 UTM-E: 592,227.8 UTM-ELEV: 1,125.0 TOTAL DEPTH: 109.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU062	4.8	6.0	R		0	0	0	0	0	0	1
FAGU062	12.0	13.6	R		0	0	0	0	0	0	1
FAGU062	17.1	17.6	XQ		0	0	0	0	0	0	1
FAGU062	0.0	52.0	G		23	0	0	0	0	0	1
FAGU062	53.7	54.0	G		0	0	0	0	0	0	1
FAGU062	55.2	55.4	GQ		0	0	0	0	0	0	1
FAGU062	87.8	90.4	QG		0	0	0	0	0	0	1
FAGU062	97.4	97.5	R		0	0	0	0	0	0	1
FAGU062	103.2	103.3	GQ		0	0	0	0	0	0	1
FAGU062	103.7	104.5	QX		0	0	0	0	0	0	1

DDH: FAGU062 UTM-N: 905,002.6 UTM-E: 592,227.8 UTM-ELEV: 1,125.0 TOTAL DEPTH: 109.7 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU062	1	2
FAGU062	2	2
FAGU062	3	2
FAGU062	4	1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 8

DIAMOND DRILL CORE LOG

Date: 3 July/81

Hole Number: FAGU-062 (76-U-62)

Project: GRUM

Location: SECTION 76 W.

Claim:

~~Terr.~~ UTM Plane Co-ords.: 6 905 002.6mN

592 227.8mE

Conversion of KA surveyed grid

Grid Co-ords: 2+19.5m N

7534.797 mE

Elevation: ~~1124.9~~ m 1125.0

Total Depth: 109.7m

Purpose: RE-LOG GRUM

Reason hole Terminated:

Logged by: GG

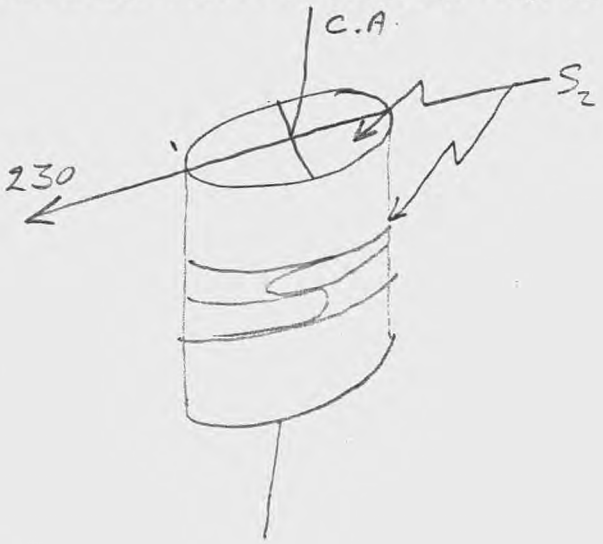
Date(s) Logged: 1-3 July/81

Drilling Contractor: CAMERON McCUTCHEON

Hole Cemented:

Steel down hole:

Reference Fabric Orientation Diagram:



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

Size	CORE From	To	Collar Cased and Capped:
BQ	0.0	1124.9	

Started: 14 April/76 Completed: 15 April/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH FAGU062

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	FAGU062	1124.9	9050021.6	5922271.8	METRES

222.3 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	FAGU062	0.0	1110	2210.7	ATCOLLAR
R	FAGU062	301.5	1114.2	224.0	SPERRY SUN
R	FAGU062	601.0	1211.0	232.0	
R	FAGU062	1001.6	1215.0	224.0	
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 FAGU-062* Cyprus Anvil Mining Corp. Page 3 of 8

UNITS = METRES Lithologic Log Date: 2 July/91 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	F/W CNT Type	CNT
1	10 14	16 20	22 24	26 28	30 34	35		
						*PROBLEM WITH NUMBERING OF THIS DDH → THE DRILLERS MARKED THE BOXES U-61; THE DYMO-TAPE LABELS IT AS U-62 & IT WAS LOGGED BY K.A. AS U-62;		
L	100	148		001	4E4	+(4E0) +(minor 4A3 @ H/W) +(minor 4E4 POROUS LAMS)	10cm QZ VN BRECCIA	
L	148	160		2	4L1/4	VERY SILICEOUS; RUBBLY	RUBBLE	
L	160	180		3	4E4	V. HIGH GRADE @ 0.5m H/W;		11S₂
L	180	1105		4	4G4	+(4E0+4E4 @ 9.8-10.3m) 20-40% BARITE; ±6 @ F/W		11S₂
L	1105	1120		5	4E6A	+(4G4) ~50% OF UNIT.	RUBBLE	
L	1120	1136		6	4E4	±6/; 50% OF UNIT = COARSE RUBBLE; ORANGE SPHAL @ H/W RED " @ F/W	PROB	11S₂
L	1136	1141		7	5C*	-ANK + 3% FUCHSITE +(5C43* - 5% CHLORITE-PY STREAKS - DOLO @ 13.7-14.1		11S₂
L	1141	1184		8	5B12	6/±9-SPHAL/ +(5A16±9) +(4A1 - LOW -HO SULPHIDES) CRACKLE BRECCIA @ 17.1-17.6m	GRADES OVER 40cm	11S₂
L	1184	3776		9	4A1	+(3G12 - FINELY INTERBANDED) - LOW SULPHIDES ±SPHAL +(5A16±9) +(minor 4A4) THIS WHOLE UNIT IS TRANSITIONAL 4A-5A;		11S₂
L	3776	5551		10	5A6	+(5B26)+(5B6); 2% QZ VNS ∥S₂ THROUGH UNIT; TRACE SULPHIDE = PØ + PY; GOUGE @ 53.7-54.0m;		11S₂
L	5551	8178		11	5B6	±FINE GRAINED +(5A6) GOUGE + H/W QZ VN @ 55.2-55.4m; 2% QZ VNS ∥S₂ THROUGH UNIT	GOUGE	

DDH F.A.G.U.0.6.2* (2–8) Cyprus Anvil Mining Corp. Page 4 of 8

UNITS = METRES Lithologic Log Date: 2 July/81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	F/W CNT Type	F/W CNT %
1	10–14	16–20	22–24	26–28	30–34	35		
L	187	190.4		12	5A6	UNIT = 70% QZ VNS + 10% GOUGE;	QZ VN	
L	190.4	194.1		13	4E4	/±6/ + (4G4) + (4A4 + (3G12) @ 20 cm H/w)		11S₂
L	194.1	196.9		14	4E4	/±6/ + (4E0) -±6 @ F/w;	PROBE	11S₂
L	196.9	203.7		15	3G12	-F.G; FINE RUBBLE @ 97.4–97.5m; TRACE SULPHIDE = Py; 103.2–103.3 GOUGE + F/W QZ VN.		11S₂
L	203.7	210.5		16	5A86	±3 – CHLORITIC LAMS; 50% OF UNIT = QZ VN BRECCIA;	7cm QZ VN	
L	210.5	210.59		17	5D3	CALCITE LAMS + VEINLETS; + (5E0 – 100% F.G. CALCITE @ 105.6–105.9m)		11S₂
L	210.59	210.97		18	5D3	+ (5B86) – GRADATIONAL SECTIONS;	—	
						END OF HOLE @ 109.7m.		

C.A.M.C. 1981 – E-3

DDH EAG0062 (2 8) Cyprus Anvil Mining Corp. Page 5 of 8

UNITS = METRES. Structural Log Date: 2 July/81 Logged By: GG

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	
S		102					017 230	C-STREAKS + S-BANDS
S		164					219	S-BANDS
S		1120					116	
S		1184					010	
S		1245					117	
S		1301					112	
S		1365					410	
S		1425					34	
S		1482					412	
S		15A3					414	GOUGE @ 52.0 - H/W CNT @ 23/00
S		1610					318	GOUGE @ 55.0 - CNTS?
S		1665					417	
S		1722					312	
S		1785					417	- M - ROGLON
S		1845					116	
B		188						GOUGE CNTS - STOP?
S		1905					4A	S-BANDS
S		1976					610	"
S		11020					416	F4 @ 23/180
S		11097					111	
								END OF HOLE @ 109.7m.

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

DDH EAGU062 (2 8) Cyprus Anvil Mining Corp

Logged by GG

ASSAY LOG (SAMPLER'S COPY) Date 2 JULY/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	100	116	721199	116	115	4E4	+(4E0) +(4A3)
P	116	132	721210	116	115	4E4	+(4E0)
P	132	148	721211	115	116	4E4	+(4E0)
P	148	160	721212	112	110	4L1M	
P	160	180	721213	120	119	4E4	
P	180	198	721214	118	116	4G4	----
P	198	205	721215	107	107	4G4	+(4E4) +(4E0)
P	1195	210	721216	115	115	4E64	/+L/ +(4G4)
P	1120	136	721217	116	115	4E64	/+L/
P	1904	1923	721218	119	119	4E4	/+L/ +(4G4) +(4A3)
P	1923	1941	721219	118	114	4E4	/+L/ +(4G4)
P	1941	1955	721310	114	114	4E4	/+L/ +(4E0)
P	1955	1969	721311	114	114	4E4	/+L/ +(4E0)
							END OF HOLE @ 109.7m

Meters

FAULT

DDH FAGU062 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

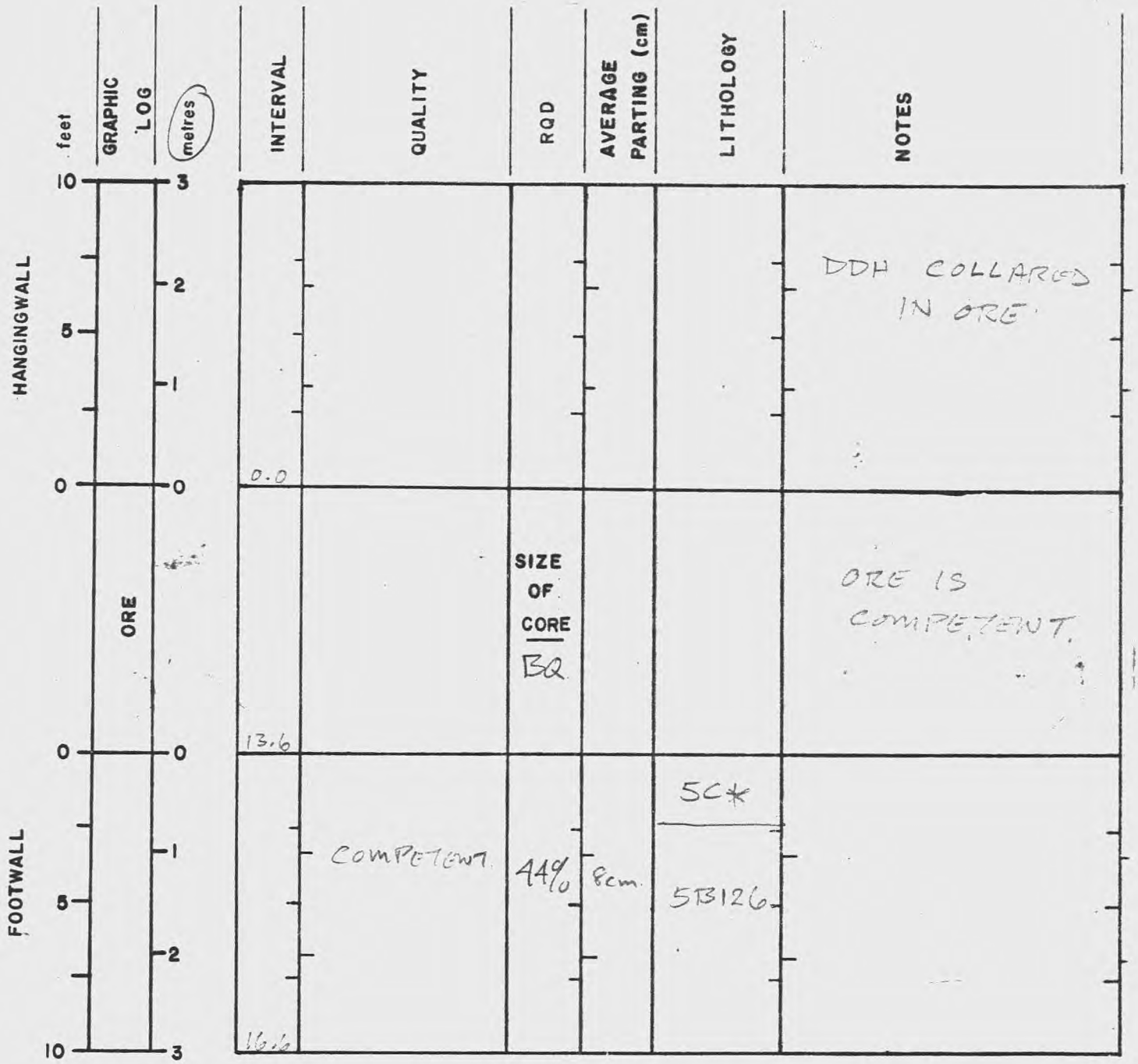
Structural Log Date: 28 Oct/83 Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	148	160	R					rubbly
F	1120	1136	R					50% of unit coarse rubble
F	1171	1176	X Q					crackle bxa
F	1537	1540	G					gouge
F	1552	1554	G Q					gouge + qtz vein
F	1878	1904	Q G					70% qtz veins & 10% gouge
F	1974	1975	R					rubble
F	11032	11033	G Q					gouge & qtz vein
F	11037	11045	Q X					50% of unit qtz vein bxa
F		1520	G		213 0100			

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

DDH- FAIGU0162
0.0 – 13.6m

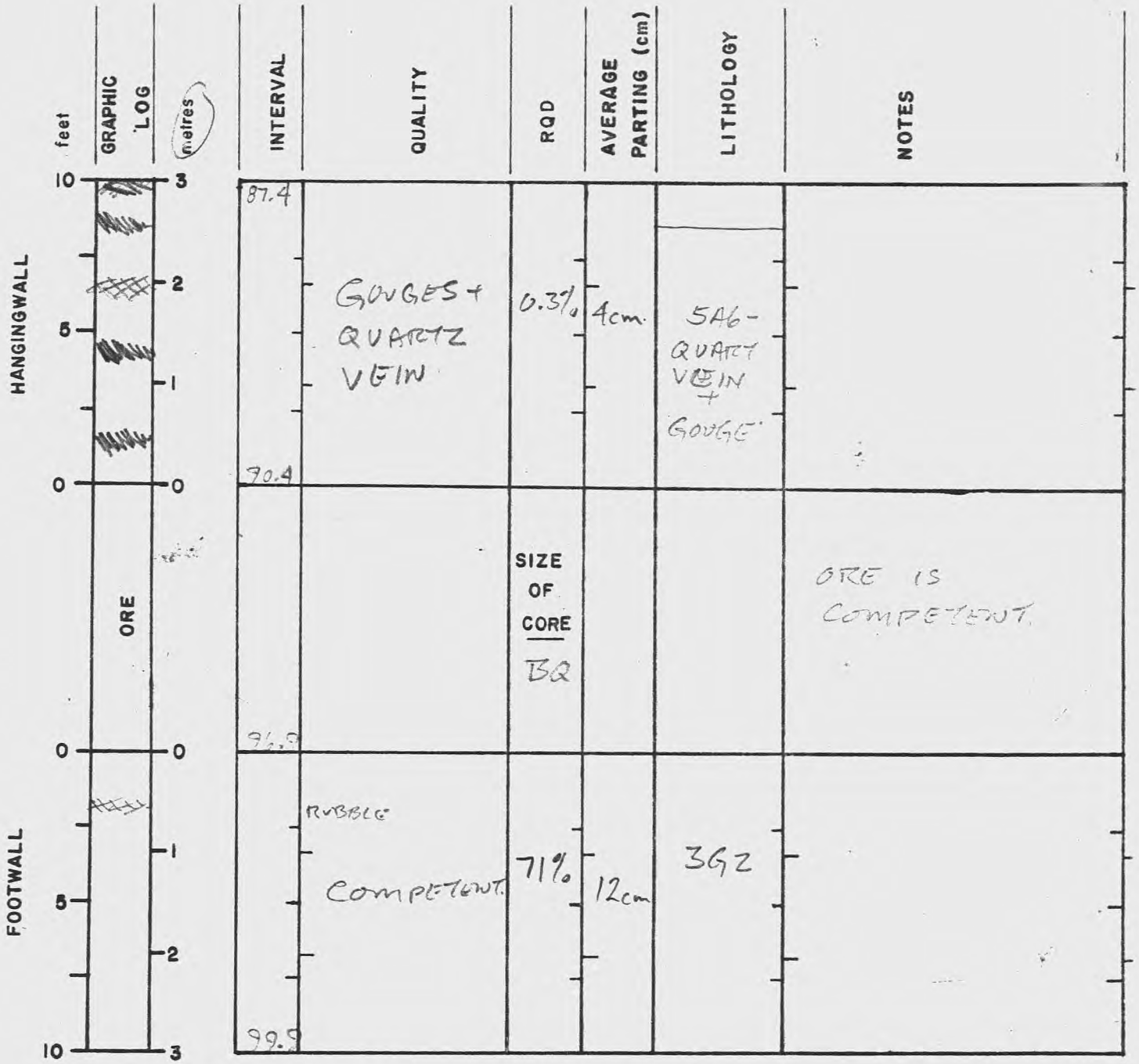
GEOTECHNICAL LOG



DDH- VFAIGU0612

90.4 - 96.9m

GEOTECHNICAL LOG



DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D.D.H. Nº 76-U-62 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10798.093 N 2ᴺ+19.5ᵐN STARTED APRIL 14, 1976

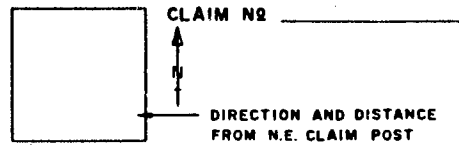
DEPARTURE 7534.797 E COMPLETED APRIL 15, 1976

ELEVATION 1135.596 M PROPOSED DEPTH

ULTIMATE DEPTH 109.7

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	222°17'48"	-21°
100'(30.48)	223°	-24°
200'(60.96)	233°	-31°
330'(100.58)	222°	-35°

CLAIM Nº



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 92.8%

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 % Pb	Assay % Zn	Assay % Ag
0	13.6	MASSIVE SULFIDE ZONE. Competent. Compositional band of sph															
		rich laminae-40°. Intervening broken ground composed of															
		bleached sericite-quartz pebbles. Crypto-x'lline quartz as															
		amygdaloidal fills prominent. Small fractures-20-30°.															
		4.5-6: Broken ground. Could be a FAULT. Sub-rounded quartz															
		pebble mixed with bleached sericite flakes (greenish white															
		colour) and sometime cemented by white clay (kaolinite?).															
		No definitive thick gouge association.	75	10	0.7/1.5	2313	0	1.5	1.5	7.27	9.25	106.97			10.905	13.875	160.455
		13.6: Sharp contact with bleached phyllite-20°.	75	8	0.8/1.5	2314	1.5	3.0	1.5	6.40	5.60	96.69			9.60	8.40	145.035
13.6	14.0	BLEACHED PHYLLITE. Grayish white with greenish	80	10	1.0/1.5	2315	3.0	4.5	1.5	4.50	4.35	65.49			6.75	6.525	98.235
		spots due to Fuchsite. Foliation-10°. Groundmass	30	6	0.6/1.6	2316	4.5	6.0	1.5	3.70	4.00	63.43			5.55	6.00	95.145
		slightly calcitic-chloritic.	80	6	0.9/1.1	2317	6.0	7.1	1.1	6.72	9.23	130.97			7.392	10.153	144.067
		14.0: Gradual transition to graphitic phyllite.	85	10	1.5/2.0	2318	7.1	9.1	2.0	6.00	8.90	137.14			12.00	17.8	274.28
		Transition zone has no marked change in foliation	85	15	1.2/1.5	2319	9.1	10.6	1.5	4.63	7.26	101.83			6.945	10.89	152.745
		trend although sulfides in clots and discontinuous	85	15	1.4/1.5	2320	10.6	12.1	1.5	6.90	12.57	116.92			10.35	18.855	175.38
		train is notably visible cutting across the said	65	8	1.1/1.6	2321	12.1	13.7	1.6	5.25	9.58	76.80			8.40	15.328	122.88
						W.Av.	0	13.7	13.7	5.69	7.87	93.30			77.892	107.826	1278.22

LOGGED BY _____ D.D.H. NO. W102 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
14.0	41.1	GRAPHITIC PHYLLITE. Competent with some widely spaced		W.Av.	6.0	13.7	7.7	5.86	9.48	112.90			45.087	73.026	869.352
		broken intervals. Foliation is quite intricate and varies	26.0/27.1		14	41.1	27.1								
		from interval to interval(aee detail below). Some trains													
		of sulfides following what appear to be F_1.													
		14-16.7: Foliation is dintinct-20° with fold nose at 15.													
		Off-setted quartz-filled cracks are prominent and have reverse													
		dip directions to the regular-20° foliation. These cracks													
		have uniform-30° dip.													
		16.7-25.9: Very intricate foliation. Some folding are tight													
		recumbent fold with ax. plane 0-3° (c to c plane=85-90°).													
		Fold nose at 19.7.													
		25.9: Foliation gradually becomes more orderly with F_2=20°													
		and F_1 open horizontal S. Fold nose =30m.													
		41.1: Contact marked by bull quartz-50°.													
41.1	90.3	DARK SERICITE PHYLLITE. Competent. Trace of graphite in	48/49.2		41.1	90.3	49.2								
		some intervals. Regularly spaced laminae 45-50° (F_2). F_1													
		S-shaped (c to c plane)-40° opposite direction of F_2. Non-													
		calcitic.													
		52-52.1: FAULT. Broken ground with grayish white gougeand													
		sericite flakes.													
		60.5-60.6: Shear. Sliding plane very prominently marked by													

LOGGED BY _____ D.D.H. NO. U-67 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
		88.3-88.7: Fault zone. Broken ground with quartz pebbles,													
		sericite flakes, sulfides (1-4cm) mixed together													
		with dark sericitic clay.													
		90.3: Sharp contact with massive sulfide zone -40°.													
90.3	97.0	MASSIVE SULFIDE ZONE. Competent. Pseudo-foliation caused by													
		compositional banding of Sph rich intervals=45-50°. 60 8	1.4/1.5	2322	89.9	91.4	1.5	4.30	6.55	85.72			6.45	98.25	128.58
		Crypto-x'lline quartz as amygdules. Calcite strin- 75 10	1.5/1.5	2323	91.4	92.9	1.5	5.85	8.79	109.03			8.775	13.185	163.545
		gers=10°. Magnetic minerals not detected. 75 10 1.	3/1.5	2324	92.9	94.4	1.5	6.60	8.94	118.97			9.90	13.41	178.455
		97.0: Sharp direct contact=50°. 75 8	1.5/1.6	2325	94.4	96.0	1.6	5.50	9.19	116.92			8.80	14.704	187.072
97.0	103.7	DARK SERICITE PHYLLITE. Competent. Foliation-30° 50 6	1.1/1.5	2326	96.0	97.5	1.5	4.00	5.95	75.80			6.00	8.925	115.20
		could be F_1. Another lineation=0° and off setted by the													
		former. Trace of graphite in some intervals.	6.0/6.7		97	103.7	6.7								
		103.4: Shear. Silvery white sericite prominent.		W.Av.	89.9	97.5	7.6	5.25	7.90	101.69			39.925	60.049	772.852
		103.7: Gradual contact with bleached phyllite marked with													
		bands of (2cm) bull quartz.													
103.7	105.1	BLEACHED PHYLLITE. Greenish white colour. Prominent bull	1.4/1.4		103.7	105.1	1.4								
		quartz intervals and incipient sporadic calcites. Foliation													
		=25° marked by apple green coloured material with talcy feel													
		(does not look like chlorite).													
		105.1: Gradual change to Dark Sericite Phyllite.													
105.1	109.7	DARK, CHLORITIC SERICITE PHYLLITE. Greenish materials	4.6/4.6		105.1	109.7	4.6								

LOGGED BY _____ D.D.H. NO. 162 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 2 Pb	Assay 2 Zn	Assay 2 Ag
		Intervals of very calcitic groundmass. Foliation = 40-50°.													
		It appears that F_1 and F_2 are congruent. Sometime fold axis													
		of F_1=20°.													
		105.3-105.6: Very calcitic interval. Groundmass is dark													
		gray, fine grained and apparently pervasively calcified.													
		Faint pseudo-foliation marked by white crypto-x'lline													
		calcite=40°.													
	109.7	END OF HOLE.													

FAGU064

DRILL HOLE : FAGU064
NORTHING : 905,004.1
EASTING : 592,230.0
ELEVATION : 1,128.2
TOTAL DEPTH : 57.9
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: 11
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 23
NOS DOWN-H-STRUCTURE: 11
NOS DOWN-H-FAULTS: 13
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU064 UTM-N: 905,004.1 UTM-E: 592,230.0 UTM-ELEV: 1,128.2 TOTAL DEPTH: 57.9 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	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	1.5	07701	1.5	1.3	4E4	4.91	.14	4.79	9.30	73.00		2.66	2	31	34						
1.5	3.6	07702	2.1	1.4	4E4	4.91	.23	7.49	12.30	125.99		3.08	2	33	35						
3.6	5.6	07703	2.0	1.7	4E46	4.83	.17	5.70	9.19	139.00		1.85	1	20	21						
5.6	7.6	07704	2.0	1.3	4E4	4.78	.17	5.79	10.00	138.00		2.06	1	19	20						
7.6	9.3	07705	1.7	1.2	4E4	4.67	.13	7.79	13.40	162.00		1.91	2	16	18						
9.3	10.5	07706	1.2	.8	4E41	4.06	.02	10.09	17.60	182.00		1.43	2	14	16						
10.5	12.1	07707	1.6	1.2	4E41	4.25	.13	5.09	4.70	100.00		2.25	1	27	29						
12.1	13.3	07708	1.2	1.0	4E41	4.23	.14	4.20	4.09	66.00		2.25	1	26	27						
13.3	16.1	07709	2.8	1.4	4E4	4.50	.13	5.29	12.30	95.00		1.64	2	27	30						
16.1	17.1	07710	1.0	.6	5A9	3.08	.02	1.12	2.70	19.00	15.99	.20	2	7	10						
38.3	40.8	07711	2.5	1.8	4E4*	4.08	.13	2.89	6.09	99.00		.01	4	20	25						
WEIGHTED AVERAGE																					
.0	17.1		17.1	11.9		4.51	.14	5.87	10.03	113.80	.93	2.01	2	23	25						
38.3	40.8		2.5	1.8		4.08	.13	2.89	6.09	99.00		.01	4	20	25						

DDH: FAGU064 UTM-N: 905,004.1 UTM-E: 592,230.0 UTM-ELEV: 1,128.2 TOTAL DEPTH: 57.9 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	26.200	221.400

DDH: FAGU064 UTM-N: 905,004.1 UTM-E: 592,230.0 UTM-ELEV: 1,128.2 TOTAL DEPTH: 57.9 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.6	0001	4E4	&6 & POROUS	0.5-	1
5.6	0002	4E46	(4G4)	0.5-	1
9.3	0003	4E4	&6	0.5-	1
10.5	0004	4E41		0.5-	1
13.3	0005	4E41	5	0.5-	1
16.1	0006	4E4		0.5-	1
17.1	0007	5A9	SPHAL, GA, PY	0.5-	1
21.6	0008	5A0	&1 &3 -> 5B20	0.5-	1
22.7	0009	5D0	(5D*)	0.5-	1
23.3	0010	583		0.5-	1
24.9	0011	580		0.5-	1
26.3	0012	5DC		0.5-	1
27.1	0013	580		0.5-	1
28.4	0014	5D0	(580) MINOR	0.5-	1
30.3	0015	580		0.5-	1
32.0	0016	5DC		0.5-	1
35.0	0017	583		0.5-	1
35.5	0018	5D0		0.5-	1
36.5	0019	583.	(5E0)	0.5-	1
38.3	0020	5D6	? $ &@ [5D4*]	0.5-	1
40.8	0021	4E4*	(4H4) MINOR (4D4) MINOR	0.5-	1
44.9	0022	5B20		0.5-	1
57.9	0023	580		0.5-	1

DDH: FAGU064 UTM-N: 905,004.1 UTM-E: 592,230.0 UTM-ELEV: 1,128.2 TOTAL DEPTH: 57.9 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
FAGU064	0.0	4.4	PS2	0	0	0	0	50	230	0	1	1	1
FAGU064	0.0	17.3	PS2	0	0	0	0	50	230	0	1	1	1
FAGU064	0.0	21.6	PS2	0	0	0	0	55	230	0	1	1	1
FAGU064	0.0	22.7	PS2	0	0	0	0	40	230	0	1	1	1
FAGU064	0.0	27.6	PS2	0	0	0	0	50	230	0	1	1	1
FAGU064	0.0	33.1	PS2	0	0	0	0	55	230	0	1	1	1
FAGU064	0.0	38.1	PS2	0	0	0	0	60	230	0	1	1	1
FAGU064	0.0	43.3	CS2	0	0	0	0	65	230	0	1	1	1
FAGU064	0.0	48.6	CS2	0	0	0	0	70	230	0	1	1	1
FAGU064	0.0	53.5	CS2	0	0	0	0	65	230	0	1	1	1
FAGU064	0.0	57.8	CS2	0	0	0	0	68	230	0	1	1	1

DDH: FAGU064 UTM-N: 905,004.1 UTM-E: 592,230.0 UTM-ELEV: 1,128.2 TOTAL DEPTH: 57.9 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
FAGU064	9.3	9.4	R			0	0	0	0	0	0	1
FAGU064	9.8	10.0	R			0	0	0	0	0	0	1
FAGU064	0.0	11.4	R			0	0	0	0	0	0	1
FAGU064	0.0	11.8	R			0	0	0	0	0	0	1
FAGU064	0.0	12.1	R			0	0	0	0	0	0	1
FAGU064	13.7	15.2	P	1		0	0	0	0	0	0	1
FAGU064	15.2	16.1	R			0	0	0	0	0	0	1
FAGU064	22.8	23.0	G			0	0	0	0	0	0	1
FAGU064	0.0	24.4	R			0	0	0	0	0	0	1
FAGU064	0.0	24.7	R			0	0	0	0	0	0	1
FAGU064	31.0	33.0	J			0	0	45	45	0	0	1
FAGU064	0.0	34.7	J			0	0	25	30	0	0	1
FAGU064	36.5	38.3	GXQ			0	0	0	0	0	0	1

DDH: FAGU064 UTM-N: 905,004.1 UTM-E: 592,230.0 UTM-ELEV: 1,128.2 TOTAL DEPTH: 57.9 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU064	1	1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 8

DIAMOND DRILL CORE LOG

Date: July 14, 1981

Hole Number: FAGU064

Project: Gum Reloq

Location: Vangorda Plateau

Claim:

~~Terr.~~ UTM Plane Co-ords.: 6905004.1 N

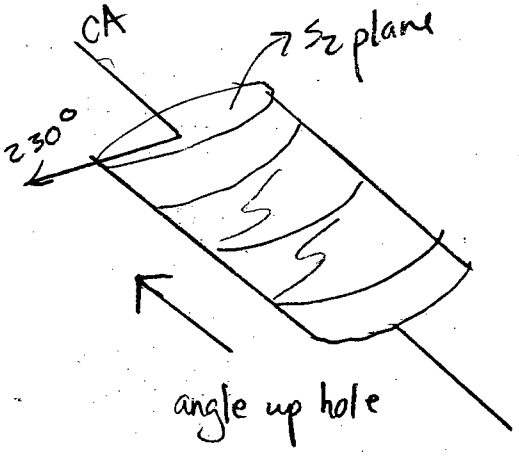
592230.0 E

Grid Co-ords: 76W/2N

Elevation: 1128.2

Total Depth: 57.9m

Reference Fabric Orientation Diagram:



All ~~symmetry~~ determinations looking

NW with Sz dipping

SW with dip azimuth 230°.

Purpose:

Reason hole Terminated:

Re Logged by: J. Modene

Date(s) Logged: July 14, 1981

Drilling Contractor:

Size	CORE From	To
BQ	0	57.9

Collar Cased and Capped: ____

Hole Cemented:

Steel down hole:

Started: 4/17/96 Completed: 4/18/96

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

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH FAGU064
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	FAGU064A	1128.2	9050041.1	592230.0	METRES

221.4 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGU064	0 0	26.2	219.8	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 F.A.G.4.0.6.4 (2 / 8) Cyprus Anvil Mining Corp. Page 3 of 8

Lithologic Log Date: _____ Logged By: J. Modene

Code	From	To	Recov.	No.	Unit	Description	
1	10 14	16 20	22 24	26 28	30 34	35	
L	100	136		1	4E4	±6	F.W CTC
						high-grade, massive sfds, ~60% sfd, very minimal barite observed locally. Honey-orange sphalerite. Cred @ beginning of hole	
						Locally porous but no $CO_3^=$ detected. Minor rubble	Arbitrar
L	136	156		2	4E4 6	(4G4). Same rock as #1 but barite usually	
						visible in every piece of core. $BaSO_4$ reaches	
						~10% (4G4) @ 4.2. Pale honey to honey-	
						orange sphalerite. Still high grade	Arbitrar
L	156	193		3	4E4	±6	
						As unit #1 w/ perhaps a tad more consistent	
						$BaSO_4$ content. Honey to honey-orange sp.	
						Again minor porous laminae, minor rubble	Rubbled
L	193	1105	108	4	4E4 1	High grade, red orange sp; ~25% silica	
						ie grading toward 4D4.	
						Rubble 9.3-9.4, 9.8-10.0. Note poor recov	Arbitrar
L	1105	1133		5	4E4 1 1	5 w/ irreg. patches + bands of qtz+graphite.	
						Base metals not readily visible except in qtz-graphite	
						patches where sp is reddish. Assays report	
						high grade.	
						Rubble @ 11.4 - 11.8. Also rubbled @ 12.1 but could	
						be drilling artifact cuz that's the start of a run.	Arbitrar
L	1133	1161	13	6	4E4	Poor recov especially 13.7-15.2: 0.2/1.5	
						15.2-16.1 is largely coarse rubble	Rubbled
L	1161	1171		7	5A 9	[4Au low sfds] , Transitional	gradat.
L	1171	1216		8	5A 0	±1 ±3, Gradational toward 5Bz becuz organic	
						C content is not overwhelming. Minor pyrite locally	1/Sz
L	2116	2227		9	5D 0	green-laminated, strongly calc.) Ankerite 5D*	
						@ 10cm F.W w/ sharp ctcs.	1/Sz
L	2227	2133		10	5B 3	Gouge 22.8-23.0 w/ some "masiposite-green" clay	
L	2333	2443		11	5B 0	coarse rubble @ 24.4, Rubble + sand @ 24.7	
L	2449	2663		12	5D 0	gradational F.W ctc, sharp A.W ctc	
L	2663	2771		13	5B 0		
L	2771	2884		14	5D 0	green massive w/ cc; minor (5B0) → PSZ grey	
L	2884	3103		15	5B 0		
L	3103	3120		16	5D 0	green massive w/ cc bands, 1/4 cm thick cc tension	

DDH F.A.G.U.0.6.4 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: J. Modene

Code	From	To	Recov.	No.	Unit	Description	
1	10 14	16 20	22 24	26 28	30 34	35	
						gashes 45°/45°, Gashes continue thru #17+18 see structure log	1/5 z
L	320	350		17	5B3	strongly calc	1/5 z
L	350	355		18	5D0	green massive. laminated w/ cc.	1/5 z
L	355	365		19	5B3	(SEO @ 36)	
L	365	383		20	5D6	?? Clay, +dolo ± ank and sericitic partings	
						Becoming crackle bxia of graphite + sfds in white	
						dolomitic matrix 37.8 - 38.3	
						This rock locally looks similar to 5D4*	broken
L	383	408	19	21	4E4*	buff $FeMgCO_3$ as abundant gangue @ TOI	4K4
						then as irregular bands + patches	
						(4*4) intbd @ 38.2-38.3	
						Minor porous laminae @ 38.7	
						4D4 siliceous gangue @ 39.0	
						Slightly poor recovery over this interval	broken
L	408	449		22	5B2	Similar to unit #8 but slightly less graphite,	
						more phyllite	
						Calcareous Only very minor silica	Gradati
L	449	579		23	5B0	variably green + grey. Calcareous	
						Minor lodo, minor cc tension gashes	
						EOH @ 579	

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

DDH FA4U064 (2 / 8) Cyprus Anvil Mining Corp. Page 5 of 8

Structural Log Date: _____ Logged By: J. Modene

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	
S		144	P S 1 2				50 213 0	comp banding in massive sfds
								zones of rubble w/ in massive
								sfds have no good attitudes
S		173	P S 1 2				50 230	
S		216	P S 1 2				55 230	ctc
S		227	P S 1 2				40 230	S_2 becoming stp above gouge
S		276	P S 1 2				50 230	
								31-33m 45°/45° tension cracks
								34.7m 25°/30° " "
S		331	P S 1 2				55 230	
S		381	P S 1 2				60 230	
S		433	C S 1 2				65 230	
S		486	C S 1 2				70 230	
S		535	C S 1 2				65 230	"S" sym
S		578	C S 1 2				60 230	"S" sym

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

DDH FAG4064 Cyprus Anvil Mining Corp

Logged by J. Modene

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
	10 14	16 20	22 26	28 30	32 34	36 40	42	
P	100	115	77101	15	13	4E41	±6	#1
P	115	136	77102	21	14	4E41	±6	#1
P	136	156	77103	20	17	4E416	(4G4)	#2
P	156	176	77104	20	13	4E41	±6	#3
P	176	193	77105	17	12	4E41	±6	#3
P	193	1105	77106	12	08	4E411		#4
P	1105	1121	77107	16	12	4E411	5	#5
P	1121	1133	77108	12	10	4E411	5	#5
P	1133	1161	77109	28	14	4E41	Poor Rec.	#6
P	1161	1171	77110	10	06	5AA1	[4A0 low stds]	#7
P	1383	1408	77111	25	18	4E41*	(4H4)(4D4)	#21

#1

#2

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

Meters

FAULT

DDH EAG 84-064 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: 28 Oct/83 Logged By: ____

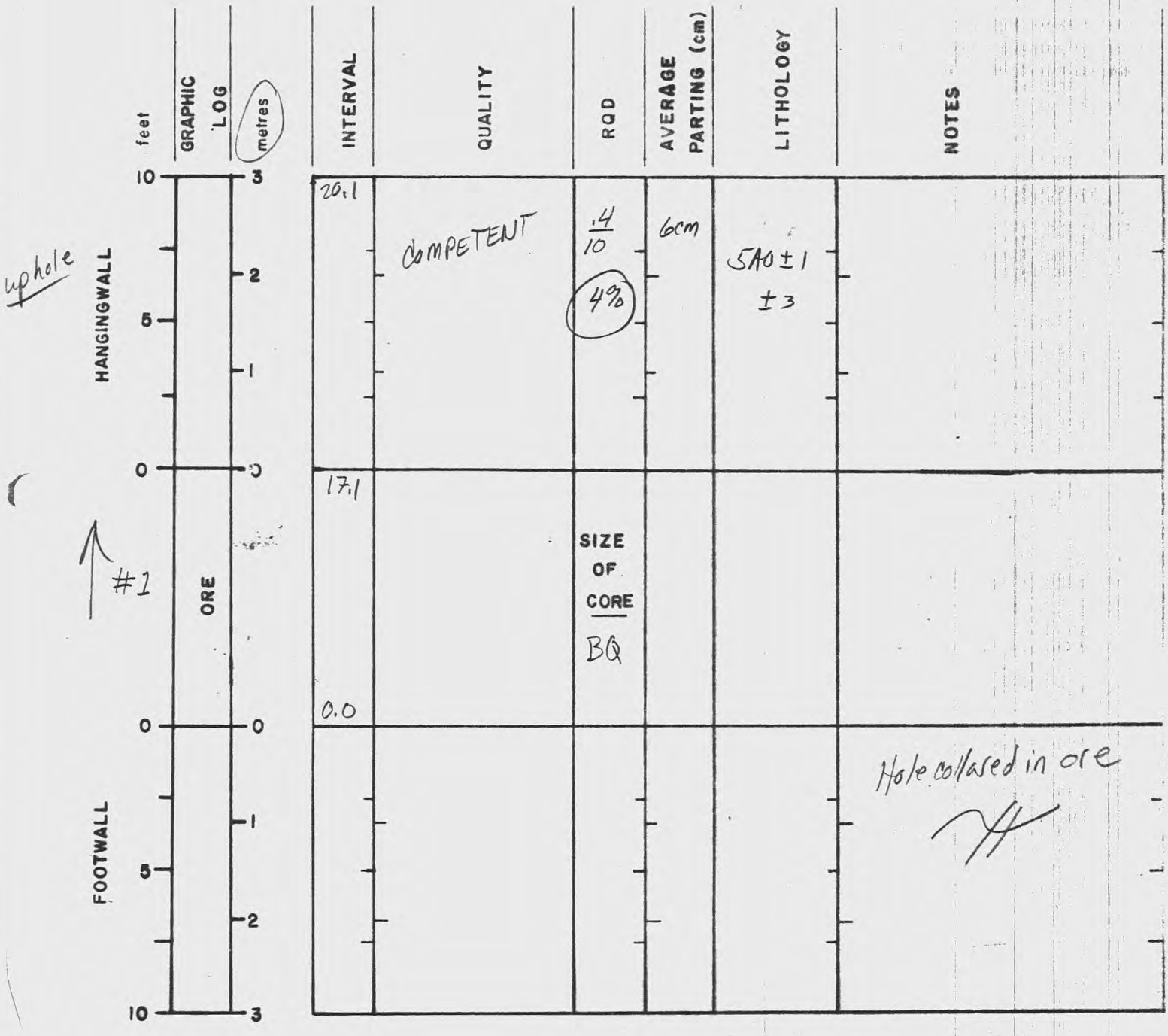
Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	193	194	R					rubble
F	198	1100	R					rubble
F		1114	R					rubble
F		1118	R					rubble
F		1121	R					rubble
F	1137	1152	P	1				13% recovery
F	1152	1161	R					coarse rubble
F	1228	1230	G					gouge
F		1244	R					coarse rubble
F		1247	R					rubble & sand
F	1365	1383	GXQ					Clay becoming crackle brcc of graphite & sulphides in white dolo. matrix.
F	1310	1330	J			415 01415		tension gashes
F		1347	J			215 01310		tension gashes

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

DDH- FIAGI4016I4

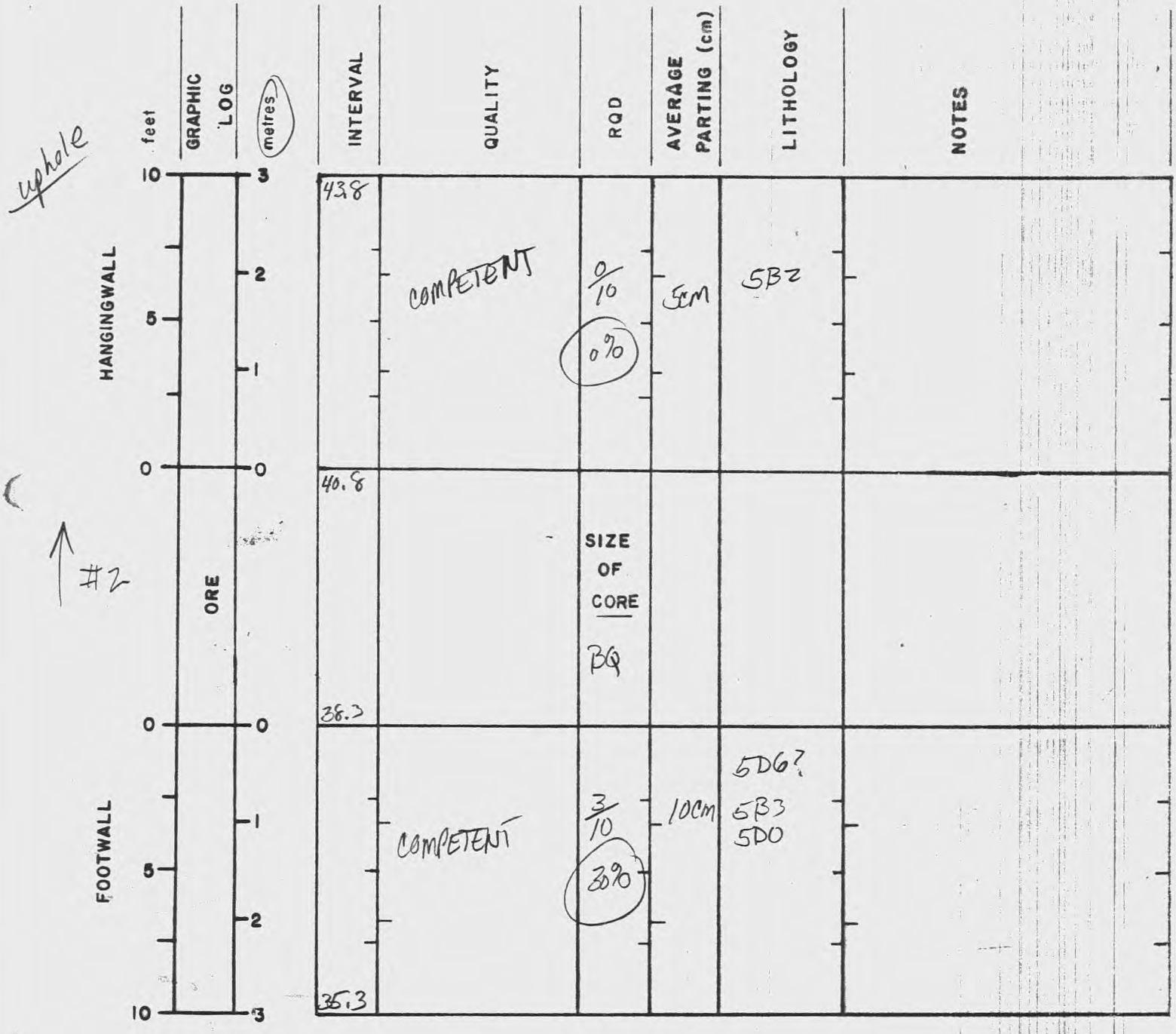
#1 0.0 - 17.1

GEOTECHNICAL LOG



DDH- LFIA1G1401614
#2 38.3 - 40.8

GEOTECHNICAL LOG



DIAMOND DRILL RECORD

LOGGED BY ALEXANDER Y. PO

D.D.H. Nº 76-U-64 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10799.507 N 2N+21.7mN STARTED APRIL 17, 1976

DEPARTURE 7537.073 E 76W COMPLETED APRIL 18, 1976

ELEVATION 1138.802 M PROPOSED DEPTH

ULTIMATE DEPTH 57.9M

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	221° 23'	+63° 50'

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 78.9%

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 R Pb	Assay R Zn	Assay R Ag
0	16.7	MASSIVE SULFIDE ZONE. Broken ground. Porous in-	75	8	0.9/1.5	2342	0	1.5	1.5	4.23	8.23	54.51			6.345	12.345	81.765
		tervals. Compositional Sph rich band-50°. Cryto-	75	10	0.5/1.5	2343	1.5	3.0	1.5	9.00	13.85	109.03			13.50	20.775	163.545
		s'lline silica as amygdaloidal fill. No magnetic	75	10	0.6/1.5	2344	3.0	4.5	1.5	6.40	9.41	114.86			9.60	14.115	172.29
		minerals detected. Some run of extreme poor re-	75	15	1.0/1.5	2345	4.5	6.0	1.5	7.05	9.92	153.26			10.575	14.88	229.89
		covery (see recovery column) amounting only to peb-	75	10	0.4/1.6	2346	6.0	7.6	1.6	6.45	9.77	129.26			10.32	15.632	206.816
		ble size broken core but no clayey material.	80	15	0.8/1.5	2347	7.6	9.1	1.5	7.40	11.75	137.14			11.10	17.625	205.71
			80	+15	0.8/1.5	2348	9.1	10.6	1.5	9.56	15.49	147.09			14.34	23.235	220.635
		16.7: Contact with graphitic phyll. Broken grd.	80	+15	0.8/1.5	2349	10.6	12.1	1.5	5.30	4.60	86.74			7.95	6.90	130.11
16.7	21.3	GRAPHITIC PHYLLITE (G). Fissile. Foliation=55-	75	10	1.0/1.6	2350	12.1	13.7	1.6	6.07	8.33	90.86			9.712	13.328	145.328
		60°. Crenulated F (c to c plane-0°) very dis-	75	8	0.3/1.5	2351	13.7	15.2	1.5	2.68	5.40	41.49			4.02	8.10	62.235
		tinct. Minor and sporadic sulfide showing mostly	65	6	0.3/1.5	2352	15.2	16.7	1.5	5.65	10.10	118.97			8.475	15.15	178.455
		confined along 55-60° foliation.															
		21.3: Contact with bleached phyllite, broken ground.			4.0/4.6		16.7	21.3	4.6								
21.3	24.0	BLEACHED PHYLLITE (Sb). Light greenish gray colour. Folia-															
		tion-40°. Calcite as stringers cutting across foliation.			3.5/3.7		21.3	24.0	3.7								
		Spots of Fuchsite.															

LOGGED BY _____ D.D.H. NO 76-U-64 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 2 Pb	Assay 2 Zn	Assay 2 Ag
		24.0: Gradual change to chloritic sericite phyllite (Sc).													
24.0	25.8	CHLORITIC SERICITE PHYLLITE. Competent. Deep green coloured	1.5/1.8		24.0	25.8	1.8								
		laminae alternating with quartz-sericite laminae. Calcite													
		as stringers. Foliation=35-40°. Fracture pattern filled													
		with calcite, dipping-45° opposite direction of foliation.													
		24.5: FAULT. Black sticky gouge with fragments of sulfides													
		(2cm Ø) and quartz pebbles.													
		25.8: Gradual change to Calcitic-chloritic phyllite.													
25.8	36.5	CALCITIC-CHLORITIC PHYLLITE (Sk+c). Competent. Apple green	10.5/10.7		25.8	36.5	10.7								
		colour. Calcitic groundmass and stringers. Foliation=50°.													
		Stringers cuts across foliation=45° (opp. dip direction).													
		36.5: Gradual change to bleached phyllite (Sb).													
36.5	38.1	BLEACHED PHYLLITE (Sb). Broken cores. Cream white colour	0.9/1.6		36.5	38.1	1.6								
		with sporadic greenish yellow intervals. Foliation=50°.													
		Some sericite flakes lost their pearly lustres and have													
		earthy appearance (intermediate Kaolinization?).													
		38.1: Sudden change to massive sulfide zone. Broken ground.													
38.1	39.8	MASSIVE SULFIDE ZONE. Broken ground. Po & Mgtt. 65 8	0.9/1.5	2353	38.1	39.6	1.5	9.41	7.26	100.80			14.115	10.89	151.2
		clots. Compositional band (sph rich)=70°. Oppaline 45 6	0.5/1.5	2354	39.6	41.1	1.5	4.78	4.70	50.40			7.17	7.05	75.6
		silica as amygdules. Calcites lining cavity wall.													
		39.8: Sudden change to Graphitic Phyllite (G).		W.Av.	38.1	41.1	3.0	7.09	5.98	75.60			21.285	17.94	226.80

LOGGED BY _____ D.D.H. NO 76-D-64 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
		F -stretched S-shape with c to c plane=3-5°.													
		1 42.0: Gradual change to Sericite Phyllite with trace of													
		Graphite (S+g).													
42.0	57.9	SERICITE PHYLLITE WITH TRACE OF GRAPHITE (Sg). Dark in	15.0/15.9		42.0	57.9	15.9								
		colour with alternating white laminae. Foliation=90°, and													
		S-shaped F 1 having c to c plane=0°. Short intervals of													
		Bleached Phyllite (46.5-46.7). Calcite stringers cutting													
		across foliation. Fissile. Sporadic clots of sulfides in													
		groundmass as well as in some bull quartz.													
	57.9	END OF HOLE.													

FAGU067

DRILL HOLE : FAGU067
NORTHING : 905,046.1
EASTING : 592,185.5
ELEVATION : 1,116.0
TOTAL DEPTH : 76.2
SECTION : W 78
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:	31
NOS DOWN-H-STRUCTURE:	14
NOS DOWN-H-FAULTS:	1
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU067 UTM-N: 905,046.1 UTM-E: 592,185.5 UTM-ELEV: 1,116.0 TOTAL DEPTH: 76.2 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	3.1	11474	3.1	2.0	4A0	3.10	.08	1.57	1.53	25.00		.81	1	9	10						
3.1	5.4	11475	2.3	2.0	4A0	3.10	.07	1.66	1.78	24.00		.89	1	8	10						
5.4	7.6	11476	2.2	2.0	4AE	3.04	.02	2.60	4.59	34.00		.75	1	6	7						
7.6	9.2	11477	1.6	1.1	4A14	3.12	.02	4.29	5.00	48.00		.81	1	15	17						
9.2	10.8	11478	1.6	1.6	4A14	2.95	.04	2.89	3.99	37.00		1.23	1	3	4						
10.8	12.1	11479	1.3	1.3	4E05	3.87	.02	.72	1.92	23.00		.81	1	28	29						
12.1	13.5	11480	1.4	1.4	4AE	4.26	.02	.47	1.85	14.99	12.00	.55	1	12	14						
13.5	15.5	11481	2.0	1.9	4A43	3.33	.05	2.08	3.20	45.00		1.23	1	13	15						
15.5	18.2	11482	2.7	2.7	4A43	3.56	.11	3.60	8.40	55.99		1.70	1	15	17						
18.2	20.2	11483	2.0	2.0	4E4	4.46	.14	9.69	14.49	140.00		2.74	2	24	27						
20.2	22.4	11484	2.2	2.2	4E4	4.86	.23	11.09	16.09	134.00		4.17	1	25	27						
22.4	24.4	11485	2.0	2.0	4G4	4.63	.08	3.60	8.19	75.00		1.03		14	15						
24.4	26.4	11486	2.0	1.9	4G4	4.63	.05	5.70	13.40	111.99		.95		13	14						
26.4	27.5	11487	1.1	1.1	4E4	4.17	.11	5.90	13.19	95.00		1.43	2	20	22						
27.5	29.5	11488	2.0	1.8	4E4	4.57	.11	3.20	19.50	45.00		1.16	1	27	29						
29.5	31.5	11489	2.0	1.8	4E4	4.55	.10	5.79	24.00	83.00		1.10	2	23	25						
31.5	33.5	11490	2.0	2.0	4E4	4.86	.08	5.70	22.00	85.00		.68	2	23	25						
33.5	35.4	11491	1.9	1.9	4EA4	4.34	.20	5.29	16.39	140.00		.47	2	22	24						
WEIGHTED AVERAGE																					
.0	35.4		35.4	32.7		3.93	.09	4.23	9.93	67.25	.47	1.28	1	16	18						

DDH: FAGU067 UTM-N: 905,046.1 UTM-E: 592,185.5 UTM-ELEV: 1,116.0 TOTAL DEPTH: 76.2 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	89.100	225.500

DDH: FAGU067 UTM-N: 905,046.1 UTM-E: 592,185.5 UTM-ELEV: 1,116.0 TOTAL DEPTH: 76.2 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
7.1	0001	4A0	(4A0 PHYLLITIC)	0.5-	1
7.6	0002	4E05	1 [4EA01]	0.5-	1
10.8	0003	4A14	PHYLLITIC	0.5-	1
12.1	0004	4E05	1 [4EA01]	0.5-	1
12.9	0005	4A0	GRAPHITIC	0.5-	1
13.5	0006	4E05	[4EA0]	0.5-	1
15.5	0007	4A43	GRAPHITIC	0.5-	1
18.2	0008	4A43	GRAPHITIC	0.5-	1
22.4	0009	4E4	& POROUS (4EA0)MINOR	0.5-	1
26.4	0010	4G4		0.5-	1
26.9	0011	4E4		0.5-	1
27.2	0012	4C0		0.5-	1
27.4	0013	4E4		0.5-	1
27.5	0014	5D4a	[4L4a FUCHSITE]	0.5-	1
34.2	0015	4E4	& POROUS	0.5-	1
34.6	0016	4A0	[5A69]	0.5-	1
35.4	0017	4E45	6 [4EA46]	0.5-	1
40.7	0018	5A6		0.5-	1
47.1	0019	5A16		0.5-	1
48.7	0020	5A41	6 &9 (PY)	0.5-	1
55.1	0021	5A0	(10Q0)	0.5-	1
55.4	0022	5AD	5A0 (5D0)	0.5-	1
55.9	0023	5D0		0.5-	1
58.7	0024	5A0	(5A3)	0.5-	1
59.7	0025	5D0		0.5-	1
62.1	0026	5A0	(5A3)	0.5-	1
66.8	0027	5D0	(5D3)	0.5-	1
67.4	0028	5B83		0.5-	1
68.4	0029	5D0		0.5-	1
70.4	0030	5B6	(5B63)	0.5-	1
76.2	0031	5E8		0.5-	1

DDH: FAGU067 UTM-N: 905,046.1 UTM-E: 592,185.5 UTM-ELEV: 1,116.0 TOTAL DEPTH: 76.2 SECTION: W 78
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
FAGU067	0.0	3.5	CS2	Z	0	0	0	0	30	230	0	1	1	1
FAGU067	0.0	8.9	CS2	Z	0	0	0	0	40	230	0	1	1	1
FAGU067	0.0	14.0	CS2	S	0	0	0	0	20	230	0	1	1	1
FAGU067	0.0	21.4		P	0	0	0	0	20	230	0	1	1	1
FAGU067	0.0	25.9		P	0	0	0	0	40	230	0	1	1	1
FAGU067	0.0	31.7		P	0	0	0	0	30	230	0	1	1	1
FAGU067	0.0	33.7		P	0	0	0	0	5	230	0	1	1	1
FAGU067	0.0	39.1	CS2	Z	0	0	0	0	30	230	0	1	1	1
FAGU067	0.0	45.2	PS2		0	0	0	0	5	230	0	1	1	1
FAGU067	0.0	51.7	CS2	E	0	0	0	0	1	230	0	1	1	1
FAGU067	0.0	56.7	CS2	Z	0	0	0	0	40	230	0	1	1	1
FAGU067	0.0	62.6	CS2	Z	0	0	0	0	10	230	0	1	1	1
FAGU067	0.0	66.1	CS2	S	0	0	0	0	30	230	0	1	1	1
FAGU067	0.0	74.8	CS2	Z	0	0	0	0	30	230	0	1	1	1

DDH: FAGU067 UTM-N: 905,046.1 UTM-E: 592,185.5 UTM-ELEV: 1,116.0 TOTAL DEPTH: 76.2 SECTION: W 78
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
FAGU067	55.1	55.4	BG		0	0	0	0	0	0	1

DDH: FAGU067 UTM-N: 905,046.1 UTM-E: 592,185.5 UTM-ELEV: 1,116.0 TOTAL DEPTH: 76.2 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU067	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: 4 SEPT/81

Hole Number: FAGU-67 (76-U-67)

Project: GRUM RELOG

Location: SECTION 78W

~~Claim:~~

UTM Terr. ~~Plane~~ Co-ords.: 905246.1 N

conversion of K-A grid location 92185.5 E

Grid Co-ords: 3N

78W

Elevation: 1116.0 m

Total Depth: 76.2 m

Purpose: DEFINITION - GRUM DEPOSIT

Reason hole Terminated:

Logged by: DSJ

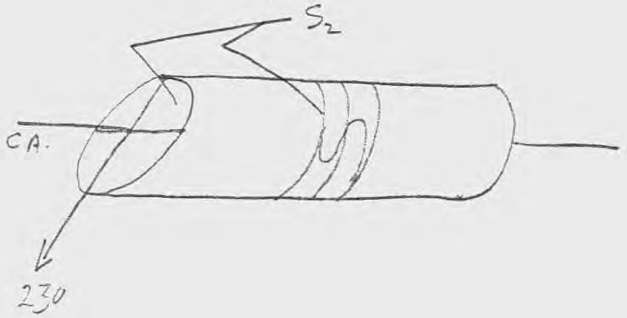
Date(s) Logged: 1 SEPT/81

Drilling Contractor:

Hole Cemented:

Steel down hole:

Reference Fabric Orientation Diagram:



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

	CORE From	To	Collar Cased and Capped:
Size			
BQ	0.0	76.2	

Started: 26 APRIL/76 Completed: 26 APRIL/76

Cyprus Anvil Mining Corp. Page 2 of 5

DDH FAG-4067 (2–8)

Diamond Drill Core Log Date: 15 Sept. 81 Logged By: DSF

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
1	2 8	10 16	17 24	25 32	34 39	41 42	
T	FAG4067	1116.0	9059461	592185.5	METERS	5.2	

LCP Oct/83

Code	Drillhole	Depth		Zenith Angle		True Azimuth	Comments
1	2 8	10 14		22 26		28 32	34 56
R	FAG4067	0	0	89.1		223.9	225.5 for TRUE NORTH AT COLLAR

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

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

DDH EA-G-U-0-6-7 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 1 Sept 81 Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
4	000	171		1	4A01	(4A0 phyllitic)
4	171	176		2	4E0511	mass py. band in 4H; [4EA0]
4	176	1081		3	4A114	phyllitic; not strongly graph; carb only
4	1081	1121		4	4E0511	as #2; [4EA0]
4	1121	1129		5	4A01	graphitic
4	1129	1355		6	4E051	as #2,4; [4EA0]
4	1355	1555		7	4A063	graphitic see assays
4	1555	1821		8	4A431	"
4	1821	2244		9	4E41	(4EA0) minor; hi grade >20% comb porous intervals, non-calc.
4	2244	2641		10	4G141	≈10%; non-calc., no Fe_3O_4
4	2641	2699		11	4E41	
4	2699	2722		12	4G91	sericite partings
4	2722	2744		13	4E41	
4	2744	2755		14	5D14*	ankeritic, fuchsitic; [4A14* fuchsitic]
4	2755	3422		15	4E41	±porous, ≈22% comb.; non-calc
4	3422	3466		16	4A01	[5A69] not typical 4A0, carbon & sulf only
4	3466	3544		17	4E4516	[4EA46]; thin 4A interlands in dominantly 4E horizon; >20% comb.
4	3544	4077		18	5A16	
4	4077	4171		19	5A116	quite siliceous, carb. to graphitic non-calc phyll
4	4171	4887		20	5A4116	as 19 but altered, lt. gray, sericitic w/ minor 5A4169 (pyritic) horizons; non-calc
4	4887	5551		21	5A01	1000's calcite veinlets; wkly→mod. calc.
4	5551	5554		22	5AD1	interleaved 5A0/5D0; broken core & gouge; fault; no attitudes possible
4	5554	5599		23	5D01	
4	5599	5887		24	5A01	(5A3); wkly to strongly calc.
4	5887	5997		25	5D01	
4	5997	6221		26	5A01	(5A3) as #24
4	6221	6668		27	5D10	(5D3); mod→strongly calc
4	6668	6774		28	5B831	
4	6774	6844		29	5D01	
4	6844	7044		30	5B16	(5B63); m. gray generally wkly→non-calc.
4	7044	7622		31	5E81	not true 5D3; chlorite phyllitic marble

C.A.M.C. 1981 – E

END OF HOLE @ 76.2m

DDH EAGU-067 (2–8) Cyprus Anvil Mining Corp. Page 4 of 5

Structural Log Date: 1 Sept 81 Logged By: [illegible]

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10–14	16–20	22–24	26	28–32	34–38	40–44	
S		135	CS12	Z			30 2310	
S		69	CS12	Z			40 2310	
S		1HU	CS12	S			20 2310	
S		214		R			20 2310	
S		2259		R			40 2310	
S		3117		R			30 2310	
S		3337		R			05 2310	
S		3991	CS12	Z			30 2310	essentially a Z region
S		4522	BS12				05 2310	if S2 dips SW
S		5117	CS12	S			00 2310	
S		5667	CS12	Z			40 2310	
S		6026	CS12	Z			10 2310	
S		6661	CS12	S			30 2310	
S		7H18	CS12	Z			30 2310	

DDH EAG 81 067 Cyprus Anvil Mining Corp Page 5 of 5

ASSAY LOG (SAMPLER'S COPY) Date 1 Sept 81 Logged by 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	000	031	114714	31	20	4AO	
P	031	054	114715	20	20	4AO	
P	054	076	114716	20	20	4AE	
P	076	092	114717	16	11	4A/4	
P	092	108	114718	16	16	4A/4	
P	108	121	114719	13	13	4E05	
P	121	135	114810	14	14	4AE	
P	135	155	114811	20	19	4AO	
P	155	182	114812	27	27	4A4	
P	182	202	114813	20	20	4E4	
P	202	224	114814	22	22	4E4	
P	224	244	114815	20	20	4G4	
P	244	264	114816	20	19	4G4	
P	264	275	114817	11	11	4E4	
P	275	295	114818	20	18	4E4	
P	295	315	114819	20	18	4E4	
P	315	335	114910	20	20	4E4	
P	335	354	114911	19	19	4EA4	

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

Meters

FAULT

DDH FAGU067 (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	1515.1	1515.4	BIG					broken core & gouge IND

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO D.D.H. Nº 76-U-67 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10842.752 N 3N STARTED APRIL 26, 1976

DEPARTURE 7493.677 E 78W COMPLETED APRIL 26, 1976

ELEVATION 1126.585 M PROPOSED DEPTH

ULTIMATE DEPTH 76.2

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	225° 28'	+01°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 90.8%

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	10.8	QUARTZ-SULFIDE (P). Competent. Foliation regular-	20	4	0.3/1.5	2414	0	1.5	1.5	1.33	0.95	20.23					
		ly marked by alternating laminae of sulfides-qtz &	20	5	1.0/1.5	2415	1.5	3.0	1.5	3.23	2.50	36.34					
		sometimes graph.=20°. Crenulations of F_1 (c to c	15	4	1.5/1.5	2416	3.0	4.5	1.5	0.95	0.40	14.06					
		plane=40° opposite direction to foliation) often	20	6	1.5/1.5	2417	4.5	6.0	1.5	3.93	4.40	40.46			5.895	6.60	60.69
		time distinct. Local short runs of mass. sulfides	20	6	1.5/1.6	2418	6.0	7.6	1.6	2.68	4.95	33.26			4.288	7.92	53.216
		showing 30° compositional banding. Details:	30	7	1.5/1.5	2419	7.6	9.1	1.5	3.30	3.90	42.51			4.95	5.85	63.765
		0-15: Broken ground. Extremely low recovery.	25	7	1.4/1.5	2420	9.1	10.6	1.5	2.78	4.00	32.23			4.17	6.00	48.345
		7.6-7.8: Massive sulfides-gradual change.	35	5	1.5/1.5	2421	10.6	12.1	1.5	0.79	2.05	18.17			1.185	3.075	27.255
		10.8: Clean contact with massive sulfides=40°.	20	5	1.5/1.6	2422	12.1	13.7	1.6	0.78	1.70	15.09			1.248	2.72	24.144
10.8	12.1	MASSIVE SULFIDES (MB). Banded. Compositional band	20	5	1.5/1.5	2423	13.7	15.2	1.5	2.30	2.75	39.43					
		of Py-Sph=40°. Cryto x'lline qtz. as amygdaloidal	25	6	1.5/1.5	2424	15.2	16.7	1.5	2.68	5.82	42.51			4.02	8.73	63.765
		filling very prominent. Shorts runs of qtz.ser $\lesssim$3cm	30	7	1.5/1.5	2425	16.7	18.2	1.5	4.93	10.11	67.54			7.395	15.165	101.31
		following trend of compositional band.	75	7	1.5/1.6	2426	18.2	19.8	1.6	9.45	13.79	128.23			15.12	22.064	205.168
		12.1: Sharp contact with graphitic phyllite=10°.	80	8	1.4/1.5	2427	19.8	21.3	1.5	10.51	13.81	100.80			15.765	20.715	151.2
12.1	13.2	GRAPHITIC PHYLLITE (Sg). Competent. W/laminae of	80	10	1.4/1.5	2428	21.3	22.8	1.5	8.20	12.82	114.17			12.3	19.23	171.255
		sulfides (mostly Py). Foliation approx. equal 5°.	70	6	1.5/1.5	2429	22.8	24.3	1.5	2.23	5.00	41.49			3.345	7.50	62.235
		12.4: Nose. Ellipsoidal foliation ser/qtz-graph.	70	4	1.4/1.6	2430	24.3	25.9	1.6	3.43	8.12	65.49			5.488	12.992	104.784

LOGGED BY _____ D.D.H. NO 76-U-67 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		13.2: Sharp contact with quartz sulfide (P) approx.=5°.													
		Contact is clean (no flame structure) 70 6	1.5/1.5	2341	25.9	27.4	1.5	6.12	13.01	100.80			9.18	19.515	
13.2	18.2	QUARTZ-SULFIDE (P). Competent. Varying foliation. 70 5	1.5/1.5	2432	27.4	28.9	1.5	2.63	17.20	36.34			3.945	25.8	54.51
		13.7-15: Foliation approx.=0-5° around what appear 80 8	1.0/1.5	2433	28.9	30.4	1.5	5.40	21.54	58.63			8.10	32.31	87.945
		to be a fold nose at 14.2. 80 8	1.4/1.6	2434	30.4	32.0	1.6	5.50	22.72	67.54			8.80	36.352	108.064
		15.2-18.2: Foliation become more regular @ 40° 80 8	1.2/1.5	2435	32.0	33.5	1.5	5.95	22.18	80.57			8.925	33.27	120.855
		marked by aligned sericites (forming thin laminae) 70 6	1.3/1.5	2436	33.5	25.0	1.5	5.15	17.52	121.03			7.725	26.28	181.545
		and bands of qtz and sulfides. Trace of graphite. 30 4	1.4/1.5	2437	35.0	36.5	1.5	2.50	5.00	50.40			3.75	7.50	75.6
		16.8: Specks of peacock colour minerals (bornite?)													
		18.2: Sharp contact with massive sulfides=20°.		W.Av.	4.5	10.6	6.1	3.16	4.32	37.05			19.303	26.37	226.016
18.2	36.5	MASSIVE SULFIDE ZONE (M). Competent. Faint and varying com-		W.Av.	10.6	13.7	3.1	0.78	1.87	16.58			2.433	5.795	51.399
		positional banding, partly vuggy. Short runs of bleached													
		phyllite.													
		21.5: Sphalerite band=45° also followed by vugs.													
		22.9: Sphalerite band=60°; 27.4-27.6: Broken ground. Greenish bleached Phy													
		31.5: Compositional band Sph/gal + porous Py =20°.													
		32-33: Broken ground. Pebble size core. Mass. dense sulfs.													
		33: Bands and aligned vugs=2-5°. Suspect fold nose.													
		34.8: Bands=25°.													
		36.5: Sharp contact with graphitic phyllite=60°. Contact													
		marked by 3cm bleached phyllite with minor melusion of													
		sulfides.													

LOGGED BY _____ D.D.H. NO 76-U-67 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
36.5	55.2	GRAPHITIC PHYLLITE (Sg). Competent. Foliation=20°.	17.0/18.7		36.5	55.2	18.7								
		F_1 congruent with F_2. Minor sporadic sulfide showing.													
		FOLD NOSES: 45.9; 48.7; 50.5; 52.0.													
		BROKEN GROUND: 51.6; 55.0.													
		55.2: FAULT. Gray gouge with plenty of sericite flakes.													
55.2	76.2	CALCITIC-CHLORITIC SERICITE PHYLLITE (SK+c). Competent.	19.5/21		55.2	76.2	21.0								
		Greenish gray colour. Foliation=20-25°. Calcite in ground													
		mass and as laminae. General texture tuffaceous looking.													
		60: Shear. Marked by sliding plane with small sericite													
		flakes.													
		68.5: Broken ground. Appear to be intense shearing zone													
		$\leq$ 20cm.													
		71.4: FAULT. Greenish sticky gouge with quartz pebbles.													
		75.0: F_1 crenulations distinct axial plane approx.=20°													
		while c to c plane is 90°. F_2 is approx =25-30°.													
	76.2	END OF HOLE -IN WASTE													

DDH: FAGU067 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1116 592186E ; 9050467N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 0.0 Z = 1116.0

SECTION NAME: 02N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 9 JUL 1985 9:11 AM

4A0 / 4E05/ 4A14/ 4E05/ 4A0 / 4E05/ 4A0 / 4E45/ 5A6 / 5A16/ 5A41/ 5A0 / 5A0 / 5D0 / 5A0 / 5D0 / 5A0 / 5D0 / 5B83/ 5D0 / 5B6 / 5E8
4A0 / 4E05/ 4A14/ 4E05/ 4A0 / 4E45/ 4E4 / 4E4 / 4E4 /

DDH: FAGU067 -- 132 DEGREE PROFILE

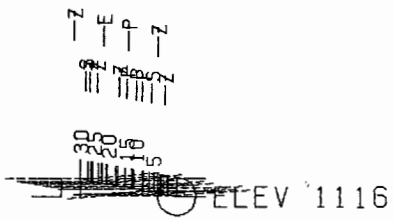
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1116 592186E ; 905046N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 333.5 Z = 1116.0

SECTION NAME: 02N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 9 JUL 1985 9:02 AM

FAGU068

DRILL HOLE : FAGU068
NORTHING : 905,045.2
EASTING : 592,185.3
ELEVATION : 1,117.2
TOTAL DEPTH : 53.3
SECTION : W 78
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:	12
NOS DOWN-H-SURVEYS:	1
NOS DOWN-H-LITHOLOGY:	29
NOS DOWN-H-STRUCTURE:	14
NOS DOWN-H-FAULTS:	2
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU068 UTM-N: 905,045.2 UTM-E: 592,185.3 UTM-ELEV: 1,117.2 TOTAL DEPTH: 53.3 SECTION: W 78
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	11734	2.0	2.0	4A0	3.06	.05	.46	.56	13.99		.81		10	11						
2.0	4.0	11735	2.0	2.0	4A0	3.14	.08	1.51	.89	26.00		1.30		12	13						
4.0	6.0	11736	2.0	2.0	4A0	3.02	.05	2.50	1.39	27.99		1.51		7	8						
6.0	7.3	11737	1.3	1.2	4A4	2.87	.01	2.79	3.70	27.99		.62	1	24	25						
7.3	9.3	11738	2.0	2.0	4A4	2.93	.02	1.95	4.70	28.99		1.16	1	3	5						
9.3	11.0	11739	1.7	1.7	4A4	3.39	.05	3.70	7.49	51.00		1.43	1	13	14						
11.0	13.0	11740	2.0	2.0	4E4	4.50	.13	8.90	17.30	131.00	126.99	1.85	2	23	25						
13.0	15.0	11741	2.0	2.0	4E4	4.75	.26	9.19	15.49	159.00		3.83	1	27	28						
15.0	17.0	11742	2.0	1.8	4E4	4.75	.17	8.50	16.30	149.00		1.03	2	25	27						
17.0	18.9	11743	1.9	1.9	4E4	4.57	.05	4.50	11.50	91.00		1.10	1	27	29						
18.9	21.1	11744	2.2	2.2	4E54	3.93	.08	4.50	7.09	78.00		1.37	1	23	24						
21.1	22.2	11745	1.1	1.1	4A42	3.49	.02	3.60	4.59	68.00		1.23	2	15	17						
WEIGHTED AVERAGE																					
.0	22.2		22.2	21.9		3.73	.09	4.43	7.80	72.72	11.44	1.47	1	17	19						

DDH: FAGU068 UTM-N: 905,045.2 UTM-E: 592,185.3 UTM-ELEV: 1,117.2 TOTAL DEPTH: 53.3 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	57.100	223.400

DDH: FAGU068 UTM-N: 905,045.2 UTM-E: 592,185.3 UTM-ELEV: 1,117.2 TOTAL DEPTH: 53.3 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
7.3	0C01	4AC	(4AO PHYLLITIC) (4A4)EOI	0.5-	1
11.0	0C02	4A4		0.5-	1
15.2	0003	4E4		0.5-	1
17.9	0004	4E4	POROUS	0.5-	1
18.9	0005	4E4		0.5-	1
19.4	0006	4E5	[4EAO]	0.5-	1
20.1	0007	4E4	MINOR BXA	0.5-	1
21.1	0C08	4E5	4[4EA4]	0.5-	1
21.9	0009	4A42		0.5-	1
22.1	0010	5D4$		0.5-	1
22.2	0011	4EC	(4CO) (4AO) MICROCYCLE	0.5-	1
22.6	0012	5AO		0.5-	1
22.8	0013	4E5	[4EAO]	0.5-	1
25.7	0014	5A09	(4AO)	0.5-	1
28.1	0015	5AO		0.5-	1
28.3	0016	4H$		0.5-	1
28.7	0017	5AO		0.5-	1
28.9	0018	5B26		0.5-	1
29.1	0019	4E5		0.5-	1
29.2	0020	4L2		0.5-	1
31.3	0021	5B62		0.5-	1
33.9	0022	5B36		0.5-	1
35.2	0C23	5DO		0.5-	1
36.6	0024	5D$	[5E8$]	0.5-	1
46.8	0025	5DO		0.5-	1
47.1	0026	5D4		0.5-	1
47.2	0027	5D4	GOUGE	0.5-	1
48.2	0028	5D4		0.5-	1
53.3	0029	5DO		0.5-	1

DDH: FAGU068 UTM-N: 905,045.2 UTM-E: 592,185.3 UTM-ELEV: 1,117.2 TOTAL DEPTH: 53.3 SECTION: W 78
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
FAGU068	0.0	1.3	CS2	Z	0	0	40	0	10	50	0	1	1	1
FAGU068	0.0	6.3	CS2	Z	0	0	40	0	30	50	0	1	1	1
FAGU068	0.0	7.6	CS2	Z	0	0	40	0	40	50	0	1	1	1
FAGU068	0.0	11.9		P	0	0	0	0	55	230	0	1	1	1
FAGU068	0.0	15.6		P	0	0	0	0	60	230	0	1	1	1
FAGU068	0.0	21.1	CS2	E	0	0	75	0	5	50	0	1	1	1
FAGU068	0.0	23.8	CS2	S	0	0	75	180	35	50	0	1	1	1
FAGU068	0.0	27.7	CS2	S	0	0	60	0	60	230	0	1	1	1
FAGU068	0.0	33.3	CS2	S	0	0	65	0	55	230	0	1	1	1
FAGU068	0.0	35.4	CS2	Z	0	0	45	180	65	230	0	1	1	1
FAGU068	0.0	39.6	CS2	S	0	0	60	0	50	230	0	1	1	1
FAGU068	0.0	43.8	CS2	Z	0	0	25	180	55	230	0	1	1	1
FAGU068	0.0	48.2	CS2	S	0	0	65	0	20	50	0	1	1	1
FAGU068	0.0	53.2	CS2		0	0	40	180	45	230	0	1	1	1

DDH: FAGU068 UTM-N: 905,045.2 UTM-E: 592,185.3 UTM-ELEV: 1,117.2 TOTAL DEPTH: 53.3 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CO	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU068	19.4	20.1	X				0	0	0	0	0	0	1
FAGU068	47.1	47.2	G				0	0	0	0	45	0	1

DDH: FAGU068 UTM-N: 905,045.2 UTM-E: 592,185.3 UTM-ELEV: 1,117.2 TOTAL DEPTH: 53.3 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU068	1	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 09:30:12

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU 068

Project: GRUM RELOG 81

Location: 78W.

Claim:

UTM ~~Terr~~. Plane Co-ords.: 905045.2 N

conversion of K-A grid coords: 592185.3 E

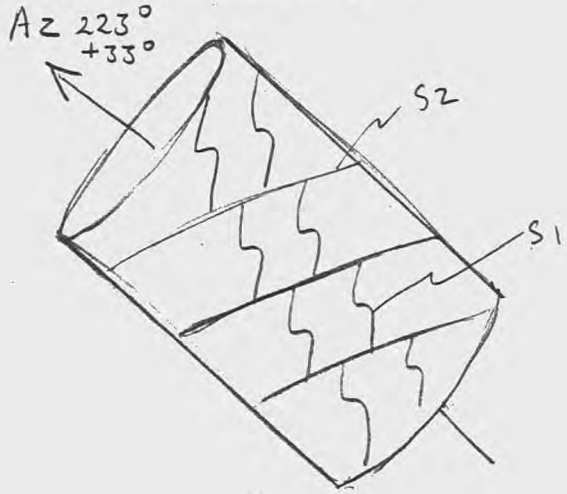
Grid Co-ords.:

Inclination: +32.9° in direction 223.4°

Elevation: 1117.2 m.

Total Depth: 53.3 m.

Fabric Orientation Diagram:



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

Purpose: GRUM O/G.

Logged by: DSJ Date(s) Logged: 11 SEP 81

Drilling Contractor: Con McCatch

Core:

Size	From	To
BQ	0	53.3

Collar Cased and Capped:

Started: 26 APR 76 Completed: 27 APR 76

Cyprus Anvil Mining Corp. Page 2 of 5

DDH FAG4068 (2 8)

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

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
	2 8	10 16	17 24	25 32	34 39	41 42	
T	FAG4068	1117.2	9050452.5	592185.3	METRES	60	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	FAG4068	00	57.1	221.9	AT COLLAR
					223.4 for True North

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

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

DDH FAG.4.068 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 3 of 5

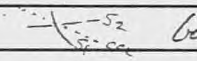
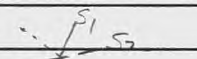
Date: 11 Sept 81 Logged By: [signature]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	000	173		1	4AO	(4AO phyllitic)
L	173	110		2	4A4	
L	110	152		3	4E4	
L	152	179		4	4E4	porous, non-calcareous
L	179	189		5	4E4	
L	189	194		6	4E5	[4EAO] ≈ 15% wispy carb. to graph. bands in mass py. sulfs
L	194	201		7	4E4	minor bxia
L	201	211		8	4E5 4	[4EAØ]; ≈ 20-25% graph. bands see assays
L	211	219		9	4A4 2	
L	219	221		10	5DH*	dolomitic; 2-5% fracts
L	221	222		11	4ECAO	"micro cycle", v. poor grade; cycle upside down w/ a 05M 4E followed by 0.02M 4C followed by c.03M 4AO up hole
L	322	226		12	5A0	
L	226	228		13	4E5	[4EAO] 25% graph. phyll bands
L	228	257		14	5A09	(4AO)
L	257	281		15	5AO	
L	281	283		16	4H*	dol.; thin bands of 4H w/ off white dol // & X cutting S2
L	283	287		17	5A0	
L	287	289		18	5B26	
L	289	291		19	4E5	carbonaceous phyll partings in ≈ 4EO
L	291	292		20	4L2	
L	292	313		21	5B624	less " than #18
L	313	339		22	5B316	partly calcareous; 5BO/5B6 interleaved
L	339	352		23	5DO	
L	352	366		24	5D*	dolomitic; [5E8* dolomitic]; poss. carbonated 5DO
L	366	468		25	5DO	
L	468	471		26	5DH	v. wkly calc.
L	471	472		27	5D4	gouge; upper contact indeterminate; lower 45°/c
L	472	482		28	5D4	v. wkly calc.
L	482	533		29	5DO	fairly dk green variant

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

DDH FAG.4.068 (2 … 8) Cyprus Anvil Mining Corp. Page 4 of 5

Structural Log Date: 11 Sept 81 Logged By: [signature]

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		13	CS12	Z		40 050	10 950	
S		63	CS12	Z		40 950	30 950	 both limbs of core
S		76	CS12	Z		40 050	40 950	"
S		119		R			55 2310	
S		156		R			60 2310	
S		211	CS12	Z		75 050	05 950	
S		238	CS12	S		75 2310	35 950	
S		277	CS12	S		60 2310	60 2310	
S		333	CS12	S		65 2310	55 2310	
S		354	CS12	Z		45 050	65 2310	
S		396	CS12	S		60 2310	50 2310	
S		438	CS12	Z		25 050	55 2310	
S		482	CS12	S		65 2310	20 950	Seems there's no consistency to S_2 or S_1 — post D_2 ??
S		532	CS12			40 050	45 2310	

DDH EAGU068 Cyprus Anvil Mining Corp

Page 5 of 5

Logged by

ASSAY LOG (SAMPLER'S COPY) Date 11 Sept. 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	000	020	117314	20	20	4A0	
P	020	040	117315	20	20	4A0	
P	040	060	117316	20	20	4A0	
P	060	073	117317	13	12	4A0	
P	073	093	117318	20	20	4A4	
P	093	110	117319	17	18	4A4	
P	110	130	117340	20	20	4E4	
P	130	150	117341	20	20	4E4	
P	150	170	117342	20	18	4E4	
P	170	189	117343	19	19	4E4	
P	189	211	117344	22	22	4E4S	
P	211	222	117345	11	12	4A4	(504*) (4ECA0)

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

METERS

FAULT

DDH FAGU068 (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	1194	1210	1 X1					Minor BXA
F	1417	1417	2 G1				4150 1010	gouge, upp cnt IND, lower 45/0

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOJNG PO

D.D.H. Nº 76-U-58 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10841.812 N 3N STARTED APRIL 26, 1976

DEPARTURE 7493.520 E 78W COMPLETED APRIL 27, 1976

ELEVATION 1127.786 M PROPOSED DEPTH

ULTIMATE DEPTH 53.3

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	223° 26'	+33°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 90.8%

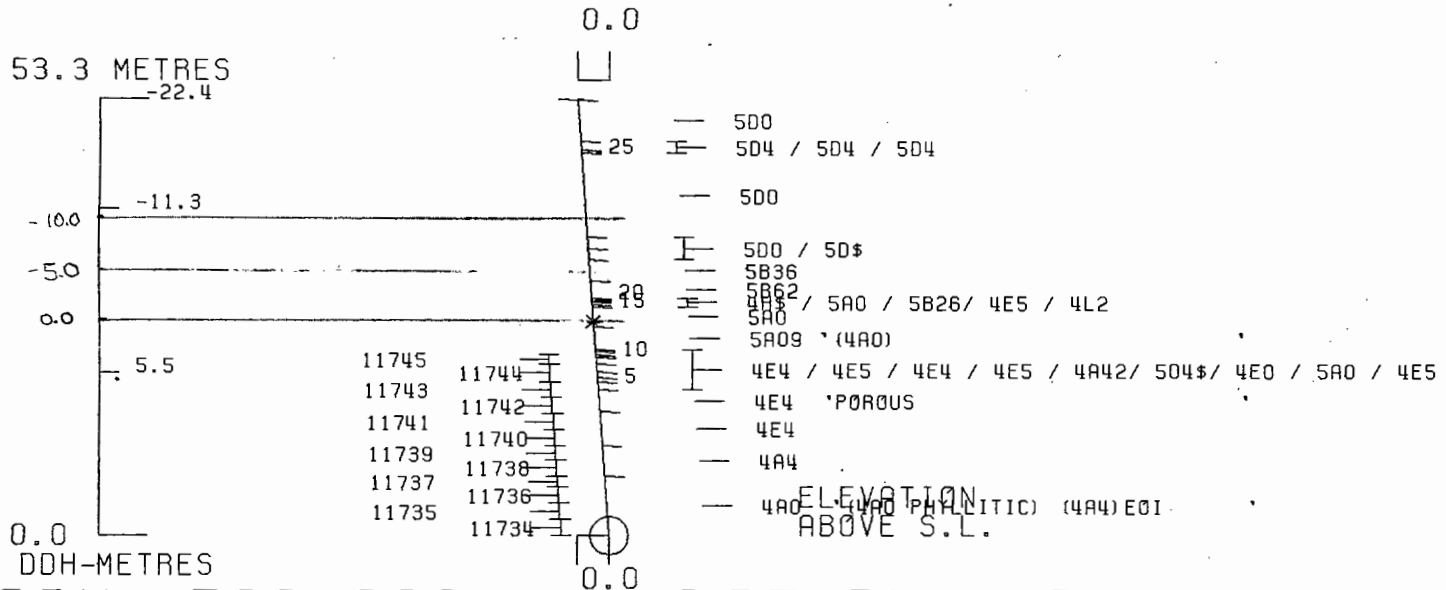
Interval From	Interval To	DESCRIPTION	Py	PbZn
0	11.0	QUARTZ-SULFIDE (P). Competent. Trace of Graphite.	20	3
		Foliation=45-50° except near fold noses where it is	15	3
		=0-5°. F_1 appear to be congruent with F_2. Fractures	20	4
		filled with quartz-30° cutting across foliation.	20	4
		3: Foldnose. Foliation=0° closing in with ellip-	20	5
		soidal conic section.	26	6
		10.6: Gradual change to MASSIVE SULFIDE ZONE.	30	6
		Transition is marked by increasing and thickening	75	7
		sulfide bands=80°.	75	4
11.0	22.8	MASSIVE SULFIDE ZONE (M). Competent with short runs	75	6
		of porous sulfides. Compositional banding (sph-	75	6
		PY)=45°. Porous sulfide showing aligned flattened	75	3
		cavities (W/cellular texture) have approx. =45-50°	80	4
		trend. Sb-22-22.3, greenish white. 15.0: Broken	75	5
		ground. Porous to saccharoidal Py fragments. ≷ 20cm	40	5
		22.8: Sharp contact with graphitic phyllite approx.=40°.		
22.8	33.5	GRAPHITIC PHYLLITE (Sg). Very fissile. Foliation=75°.		

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
0.9/1.5	2438	0	1.5	1.5	0.58	0.53	12.00			1.11	PbZn	
1.5/1.5	2439	1.5	3.0	1.5	1.00	0.53	20.23			1.53	PbZn	
1.5/1.5	2440	3.0	4.5	1.5	2.28	1.23	28.46			3.42	1.845	42.69
1.5/1.5	2441	4.5	6.0	1.5	2.35	1.00	26.40			3.525	1.50	39.6
1.6/1.6	2442	6.0	7.6	1.6	3.05	4.95	33.26			4.88	7.92	53.216
1.4/1.5	2443	7.6	9.1	1.5	2.13	4.73	32.23			3.195	7.095	48.345
1.4/1.5	2444	9.1	10.6	1.5	3.55	5.83	50.40			5.325	8.745	75.6
1.4/1.5	2445	10.6	12.1	1.5	3.20	14.72	113.14			12.30	22.08	169.71
1.3/1.6	2446	12.1	13.7	1.6	8.93	15.43	166.29			14.288	24.688	266.064
1.2/1.5	2447	13.7	15.2	1.5	10.48	19.44	133.03			15.72	29.16	199.54
1.0/1.5	2448	15.2	16.7	1.5	7.92	14.84	132.00			11.88	22.26	198.00
1.4/1.5	2449	16.7	18.2	1.5	3.79	9.33	74.74			5.685	13.995	112.11
1.5/1.6	2450	18.2	19.8	1.6	6.77	13.09	105.94			10.832	20.944	169.504
1.4/1.5	2451	19.8	21.3	1.5	3.18	3.10	49.37			4.77	4.65	75.055
1.4/1.5	2452	21.3	22.8	1.5	3.20	4.35	52.46			4.80	6.525	78.69
9.5/10.7		22.8	33.5	10.7								

LOGGED BY _____ D.D.H. NO 76-U-68 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
		≤10cm @ 29-29.1; 33.3-33.4.													
		28-28.5: Broken ground. Pebbles of phyllite and sulfides													
		with some black clayey material. Fragments show slips plane		W.Av.	0	3.0	3.0	1.32	PbZn				3.960	PbZn	
		approximately =80°.		W.Av.	3.0	6.0	3.0	2.31	1.12	27.43			6.945	3.345	82.29
		33.5: Sudden change to Calcitic-Chloritic sericite phyllite.		W.Av.	6.0	10.6	4.6	2.91	5.18	38.51			13.400	23.760	177.161
		(SK+c). Contact marked by bull quartz.		W.Av.	6.0	22.8	16.8	5.58	10.00	86.00			93.675	168.062	1444.8
		Contact walls=60°.		W.Av.	19.8	22.8	3.0	3.20	3.72	50.91			9.57	11.175	152.74
33.5	53.3	CALCITIC-CHLORITIC SERICITE PHYLLITE (SK+c). Fissile.		W.Av.	10.6	19.8	9.2								
		Greenish gray colour. Calcitic groundmass. Foliation=50°	18.5/19.8		33.5	53.3	19.8								
		Sporadic clots of sulfides.													
		34.7-34.8: Broken Core. Shearing plane=75°.													
		40.0: FAULT. Grayish sticky gouge with quartz pebbles.													
		46.0: Small fault. Gray sticky gouge with green chlorite													
		flakes.													
		47.3: Fold nose.													
	53.3	END OF HOLE. IN WASTE.													

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 9 JUL 1985 9:12 AM



DDH: FAGU068 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

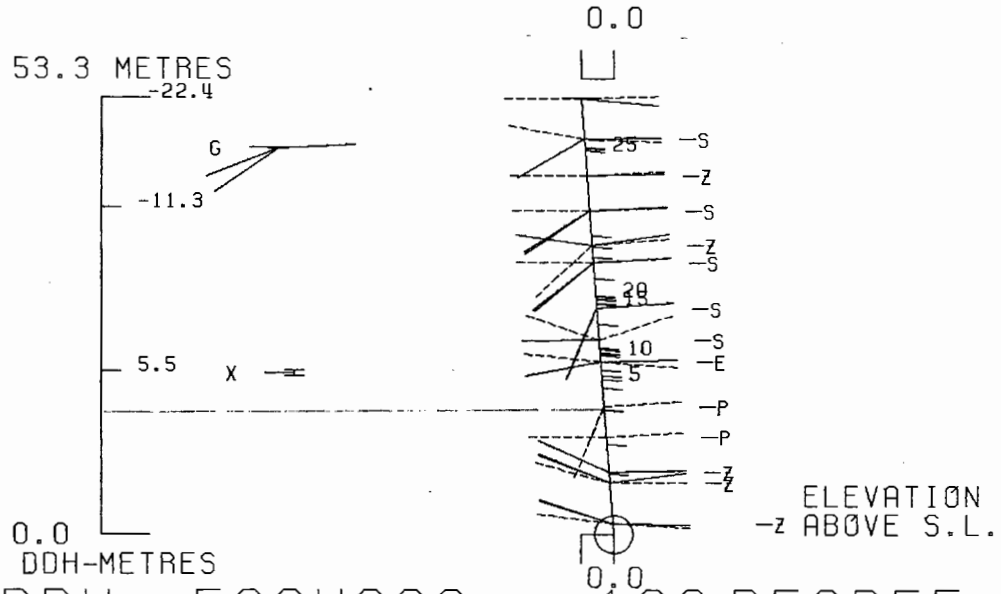
ELEV: 1117 592185E ; 905045N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = +3135.9 MZ = 1117.2

SECTION NAME: 02N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 9 JUL 1985 9:04 AM



DDH: FAGU068 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV:1117 592185E ; 905045N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X =+3[illegible] Mz = 1117.2

SECTION NAME: 02N

DRILL HOLE : FAGU069
NORTHING : 905,046.4
EASTING : 592,186.2
ELEVATION : 1,119.6
TOTAL DEPTH : 38.1
SECTION : W 78
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:	19
NOS DOWN-H-STRUCTURE:	9
NOS DOWN-H-FAULTS:	2
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU069 UTM-N: 905,046.4 UTM-E: 592,186.2 UTM-ELEV: 1,119.6 TOTAL DEPTH: 38.1 SECTION: W 78
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	1.5	11759	1.5	1.1	4AL	3.00	.08	.49	.59	11.00		.75	2	7	10						
1.5	3.3	11760	1.8	1.2	4A0	3.00	.07	1.69	1.35	21.00		.89	1	7	9						
3.3	4.7	11761	1.4	1.2	4A4	3.10	.05	2.60	4.59	40.00		.75	1	7	8						
4.7	6.0	11762	1.3	1.2	4A43	3.37	.04	1.99	4.20	41.00		1.03	1	14	16						
6.0	8.0	11763	2.0	1.6	4A43	3.77	.14	3.99	7.70	70.00		2.06	1	20	21						
8.0	10.0	11764	2.0	2.0	4E4	4.46	.33	7.09	14.49	139.00		2.06	1	24	26						
10.0	11.4	11765	1.4	1.3	4E4	4.50	.26	6.79	13.99	130.00		2.12	1	27	28						
11.4	13.4	11766	2.0	2.0	4A4	3.14	.07	1.81	4.59	40.00		.68	1	10	11						
13.4	14.4	11767	1.0	.9	4A0	3.29	.14	.52	.75	15.99		1.10	1	16	17						
14.4	16.4	11768	2.0	2.0	4A41	3.22	.05	3.99	9.19	65.00		.95	1	8	9						
16.4	18.4	11769	2.0	2.0	4A41	3.31	.01	5.59	12.59	99.00		.68	1	6	8						
18.4	20.4	11770	2.0	1.8	4A41	3.20	.02	4.59	11.90	80.00	80.00	.62	1	5	7						
20.4	22.0	11771	1.6	1.5	4A41	3.18	.02	5.09	11.40	90.00		.81	1	5	7						
22.0	23.5	11772	1.5	1.3	4A41	3.83	.10	6.99	11.00	123.99		1.78	1	18	20						
23.5	25.0	11773	1.5	1.1	4E4	4.46	.13	6.40	10.50	118.99		1.64	1	26	27						
25.0	26.7	11774	1.7	.3	4E4	4.46	.19	7.09	14.40	156.00		1.70		19	20						
26.7	27.4	11775	.7	.6	4G4	4.42	.42	5.59	12.50	134.00		2.87		18	19						
WEIGHTED AVERAGE																					
.0	27.4		27.4	23.1		3.60	.11	4.32	8.76	80.84	5.83	1.26	1	13	15						

DDH: FAGU069 UTM-N: 905,046.4 UTM-E: 592,186.2 UTM-ELEV: 1,119.6 TOTAL DEPTH: 38.1 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	29.900	226.900

DDH: FAGU069 UTM-N: 905,046.4 UTM-E: 592,186.2 UTM-ELEV: 1,119.6 TOTAL DEPTH: 38.1 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INO
0.5	0001	4A0	PHYLLITIC	0.5-	1
1.5	0002	4L12	-> 4C0 PHYLLITIC	0.5-	1
3.3	0003	4A0		0.5-	1
4.4	0004	4A41	PHYLLITIC	0.5-	1
4.7	0005	4A0		0.5-	1
8.0	0006	4A43	(4E4)	0.5-	1
11.4	0007	4E4	MINOR BXA	0.5-	1
13.4	0008	4A4		0.5-	1
13.8	0009	4A03		0.5-	1
14.4	0010	4A0	BXA	0.5-	1
23.1	0011	4A41	(4A41 PHYLLITIC) (4E4)	0.5-	1
23.5	0012	4A03		0.5-	1
26.7	0013	4E4	& POROUS (4A0) MINOR	0.5-	1
27.4	0014	4G4		0.5-	1
27.7	0015	4L2.		0.5-	1
27.8	0016	5A6		0.5-	1
28.4	0017	5A69	(4A4)	0.5-	1
33.5	0018	5B26		0.5-	1
38.1	0019	5D3		0.5-	1

DDH: FAGU069 UTM-N: 905,046.4 UTM-E: 592,186.2 UTM-ELEV: 1,119.6 TOTAL DEPTH: 38.1 SECTION: W 78
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
FAGU069	0.0	2.6	CS2		0	0	50	180	50	230	0	1	1	1
FAGU069	0.0	5.7	CS2		0	0	30	180	65	230	0	1	1	1
FAGU069	0.0	11.9	CS2		0	0	55	180	45	230	0	1	1	1
FAGU069	0.0	14.7	CS2		0	0	25	180	55	230	0	1	1	1
FAGU069	0.0	21.2	CS2		0	0	10	180	50	230	0	1	1	1
FAGU069	0.0	23.2	PS2		0	0	0	0	75	230	0	1	1	1
FAGU069	0.0	30.2	CS2	D	0	0	0	0	75	230	0	1	1	1
FAGU069	0.0	32.4	CS2	Z	0	0	0	0	85	230	0	1	1	1
FAGU069	0.0	36.5	PS2		0	0	0	0	70	230	0	1	1	1

DDH: FAGU069 UTM-N: 905,046.4 UTM-E: 592,186.2 UTM-ELEV: 1,119.6 TOTAL DEPTH: 38.1 SECTION: W 78
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
FAGU069	9.1	11.4	X		0	0	0	0	0	0	1
FAGU069	13.8	14.4	X		0	0	0	0	0	0	1

DDH: FAGU069 UTM-N: 905,046.4 UTM-E: 592,186.2 UTM-ELEV: 1,119.6 TOTAL DEPTH: 38.1 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU069	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU 069.

Project: GRUM RELOG 069

Location: 78W.

Claim: _____

UTM ~~Terr.~~ Plane Co-ords.: 905046·4 N

conversion of K-A grid 592186·2 E

Grid Co-ords.: _____

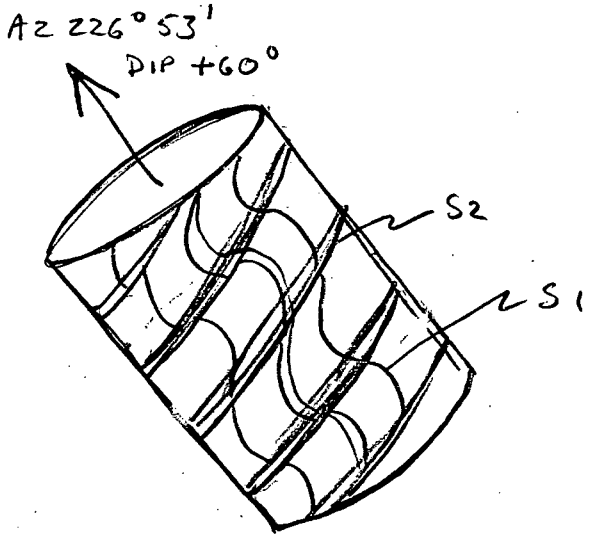
Inclination: _____

Elevation: 1119·6

Total Depth: 38·1 m

Purpose: GRUM U/G

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Logged by: DSJ. Date(s) Logged: 12 SEP 81

Drilling Contractor: _____

Core:	Size	From	To	Collar Cased and Capped:
	BQ	0	38·1	

Started: 27 APR 76 Completed: 27 APR 76

Cyprus Anvil Mining Corp.

DDH FAGU069 (2–8)

Diamond Drill Core Log Date: 12 SEP81 Logged By: DSJ

Code	Drillhole (2–8)	Elevation (10–16)	Northing (17–24)	Easting (25–32)	Units (feet/metres) (34–39)	R.F.E. (41–42)	
T	FAGU069	1111.69	05046.4	5921.86.2	METRES	S2	

Code	Drillhole (2–8)	Depth (10–14)	Zenith Angle (22–26)	True Azimuth (28–32)	Comments (34–56)
R	FAGU069	00	29.9	225.3	AT COLLAR
					226.9 for True North

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

DDH EAG.U.06.9 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 12Sept81 Logged By: DSF

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	000	005		1	4HAO	phyllitic, carbonaceous, not graphitic
L	005	015		2	4L12	approaching 4CO phyllitic
L	015	033		3	4HAO	
L	033	044		4	4HA4V	phyllitic
L	044	047		5	4HAO	
L	047	080		6	4HH3	(4E4)
L	080	114		7	4E4	minor brxia @ ≈ 10.0M; reddish br. ZnS
						& coex py 8.0-9.1; lighter colored honey
						ZnS & finer mass py 9.1-11.4; latter
						interval partially brxiated
L	114	134		8	4VA4	
L	134	138		9	4HA03	
L	138	144		10	4HAO	brxia some QQQ healed
L	144	231		11	4HA4V	(4HA4 phyllitic); (4E4); ≈15% comb.
L	231	235		12	4HAO3	
L	235	267		13	4E4	± porous; (4HAO) 24.2-24.3; non-calc.
L	267	274		14	4GH	non-calc, non-Fe3Oy bearing; note Amrl
						cycle from 11.4-27.4M (2 cycles
						① 0.0-11.4 ② 11.4-27.4M
L	274	277		15	4L2	
L	277	278		16	5HAG	
L	278	284		17	5HAG9	L(4HA4); not great 4HA in that it
						is gtz poor & sulfs. are in 5HAG
L	284	335		18	5B26	
L	335	381		19	5D3	of EOL

DDH EAG.U.0.69 (2 / 8) Cyprus Anvil Mining Corp. Page 4 of 5

Structural Log Date: 12 Sept 81 Logged By: [signature]

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		126	CS12			510 0510	510 2310	S_1 opp. dir to S_2; w/ attitude of DDH, S_2 ≈ horiz ∴ symmetry indeterminate
S		157	CS12			310 0510	615 2310	S_1 opposite dip to S_2
S		1619	CS12			550 0510	445 2310	" " " " "
S		1747	CS12			250 1510	555 2310	" " " " "
S		2112	CS12			110 0510	550 2310	" " " " "
S		2332	RS12				750 2310	
S		3022	CS12	D			750 2310	F_2 axes down S_2 dip
S		3124	CS12	Z			850 2310	
S		3655	RS12				700 2310	

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

DDH FAGU069 Cyprus Anvil Mining Corp

Page 5 of 5

Logged by

ASSAY LOG (SAMPLER'S COPY) Date 25Sept81 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	100	115	117599	15	11	4A4	
P	115	133	117600	18	12	4A0	
P	133	147	117601	14	12	4A4	
P	147	160	117602	13	12	4A443	
P	160	180	117603	20	16	4A443	
P	180	100	117604	20	20	4E4	
P	100	114	117605	14	13	4E4	
P	114	134	117606	20	20	4A4	
P	134	144	117607	10	09	4A0	
P	144	164	117608	20	20	4A441	
P	164	184	117609	20	20	4A441	
P	184	204	117610	20	18	4A441	
P	204	220	117711	16	15	4A441	
P	220	235	117712	15	13	4A441	
P	235	250	117713	15	11	4E4	
P	250	267	117714	17	03	4E4	
P	267	274	117715	07	06	4B4	

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

FAULT

Meters

DDH EAG-0.6.9 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: 5 Oct/83 Logged By: _____

Code	From	To	Feature	sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	19 1	1/1 4	X					interval partly bxated.
F	1/38	1/14 4	X					bxa, some 1020 healed

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO

D.D.H. Nº 76-U-69 PAGE 1

PROPERTY GRUM JOINT VENTURE

CLAIM Nº

LATITUDE 10,843.024 N 3N STARTED APRIL 27, 1976

DEPARTURE 7494.453 E 78W COMPLETED APRIL 27, 1976

ELEVATION 1130.213 M PROPOSED DEPTH

ULTIMATE DEPTH 38.1

HOLE SURVEY:		
DEPTH	BEARING	DIP
226°	53'	41"
+60°		

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY : 93%

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	23.5	QUARTZ-SULFIDE (P). COMPETENT. Foliation = 85-	25	4	0.8/1.5	2453	0	1.5	1.5	0.31	0.48	7.20			0.79	PbZn	
		90°. F_1 congruent w/F_2. Local sph rich laminae	25	4	0.6/1.5	4	1.5	3.0	1.5	2.32	1.65	30.17			3.97	PbZn	
		following foliation. Included intervals of massive	30	8	1.5/1.5	5	3.0	4.5	1.5	2.55	3.58	28.46					
		sulfides. Crypox'lline silica as amygdaloidal fil-	50	6	1.5/1.5	6	4.5	6.0	1.5	2.08	3.78	34.29					
		ling. Minor blebs of Cpy w/qtz stringers random	30	8	1.5/1.6	2457	6.0	7.6	1.6	4.25	6.62	66.51			6.80	10.592	106.41
		orientation. 7.7-11: Massive Sulfides.	70	10	1.5/1.5	8	7.6	9.1	1.5	9.15	16.71	130.97			13.725	25.065	196.45
		12-12.1: Broken core. Fragments of graph. phyll.	80	8	1.4/1.5	9	9.1	10.6	1.5	6.99	12.62	146.06			10.485	18.93	219.09
		=70° 18.5: Bx healed by sulphides.	60	10	1.5/1.5	2460	10.6	12.1	1.5	5.20	10.33	74.74			7.80	15.495	112.11
		23.5: Gradual change to massive sulphides (increa	40	8	1.5/1.6	1	12.1	13.7	1.6	2.20	4.58	36.34			3.52	7.328	58.144
		sing wider massive sulphide bands).	35	8	1.5/1.5	2	13.7	15.2	1.5	2.58	5.16	40.46			3.87	7.74	60.69
23.5	25.9	MASSIVE SULPHIDE (M) W/faint trace of compositional	30	10	1.4/1.5	3	15.2	16.7	1.5	4.08	10.07	65.49			6.12	15.105	98.235
		banding. Short runs of porous sulphides. Banding	30	10	1.4/1.5	2464	16.7	18.2	1.5	5.30	12.05	87.77			7.95	18.09	131.655
		=80-85°. 25.9: Sharp contact with bleached phyllite =85°	35	10	1.5/1.6	5	18.2	19.8	1.6	5.73	12.93	90.86			9.168	20.688	145.37
25.9	26.2	BLEACHED PHYLLITE (Sb) Greenish white. Prominent	35	15	1.5/1.5	6	19.8	21.3	1.5	5.68	10.22	86.74			8.52	15.33	130.11
		fuchsite spots mixed w/sulfides and earthy white	45	15	1.5/1.5	7	21.3	22.8	1.5	6.74	13.40	110.06			10.11	20.10	165.09
		hard material (feldspars). Foliation = 85°.	65	15	1.4/1.5	8	22.8	24.3	1.5	6.04	8.82	98.81			9.06	13.23	148.24

LOGGED BY _____ D.D.H. Nº 76-U-69 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	33.5	GRAPHITIC PHYLLITE (SG) Fissile. Foliation = 85-90°.	0.3/0.3		25.9	26.2	0.3								
		Graphite as thin laminae alternating with sericite and some	7.0/7.3		26.2	33.5	7.3								
		sulfides. F_1 c to c plane = 5°		W.Av.	3.0	6.0	3.0	2.32	3.68	31.38					
		28.6: Shear. Sliding plane =75-80°.		W.Av.	6.0	25.9	19.9	5.43	10.47	90.25			108.072	208.38	1795.954
		33.5: Abrupt change to Calcitic-chloritic sericite phyllite		W.Av.	12.1	15.2	3.1	2.38	4.86	38.33			7.39	15.068	118.834
		(SK + C). Contact groken groudn.													
33.5	38.1	CALCITIC-CHLORITIC SERICITE PHYLLITE. COMPETENT CALCITIC	4.6/4.6		33.5	38.1	4.6								
		groundmass with thin laminae of green chlorite. Foliation =													
		80°. Calcite filled fracture pattern dipping opposite													
		foliation = 10°													
	38.1	END OF HOLE-in waste.													

DIAMOND DRILL RECORD

LOGGED BY ALEXNNDER YOUNG PO

D.D.H. Nº 76-U-69 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10843.024 N 3N STARTED APRIL 27, 1976

DEPARTURE 7494.453 E 78W COMPLETED APRIL 27, 1976

ELEVATION 1130.213 M PROPOSED DEPTH

ULTIMATE DEPTH 38.1

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	226°53'	+60°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

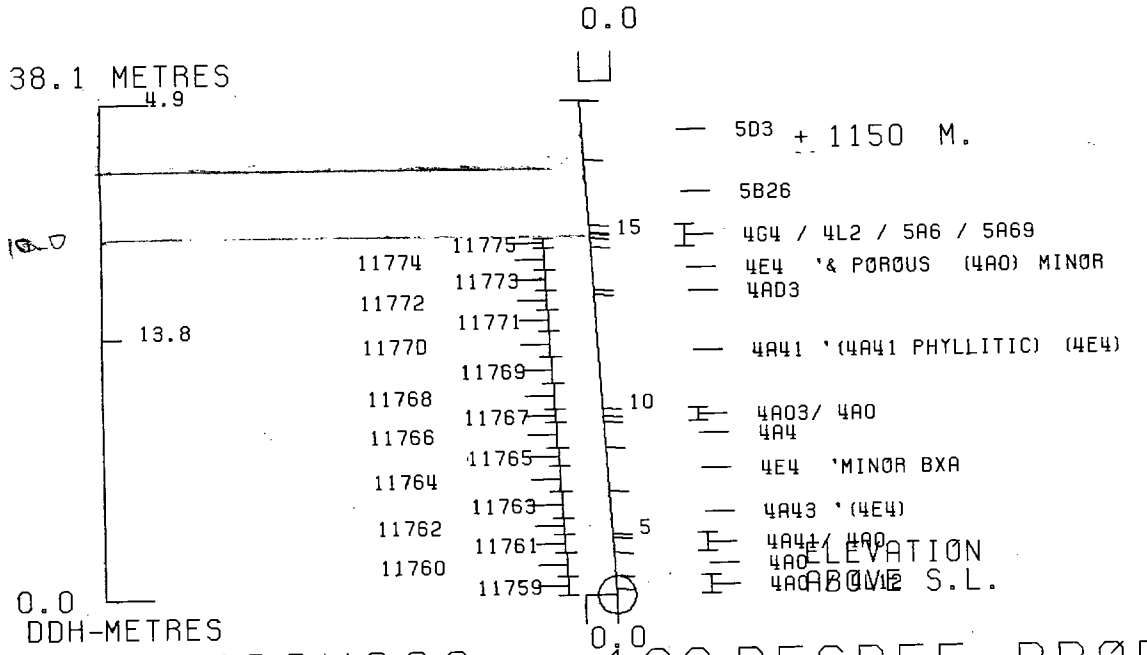
TOTAL CORE RECOVERY: 93%

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	23.5	QUARTZ-SULFIDE (P). Competent. Foliation=85-90°	25	4	0.8/1.5	2453	0	1.5	1.5	0.31	0.48	7.20			0.79	PbZn	
		F_1 congruent with F_2. Local sphrich laminae follow-	25	4	0.6/1.6	2454	1.5	3.0	1.5	2.32	1.65	30.17			3.97	PbZn	
		ing foliation. Included intervals ofmassive sulfs.	30	8	1.5/1.5	2455	3.0	4.5	1.5	2.55	3.58	28.46					
		Crypox'lline silica as amygdaloidal filling. Minor	30	6	1.5/1.5	2456	4.5	6.0	1.5	2.08	3.78	34.29					
		blebs of Cpy with quartz stringers random orientat.	30	8	1.5/1.6	2457	6.0	7.6	1.6	4.25	6.62	66.51			6.80	10.592	106.416
		7.7-11: MASSIVE SULFIDES.	70	10	1.5/1.5	2458	7.6	9.1	1.5	9.15	16.71	130.97			13.725	25.065	196.455
		12-12.1: Broken core. Fragments of graph. phyllite =70°	80	8	1.4/1.5	2459	9.1	10.6	1.5	6.99	12.62	146.06			10.485	18.93	219.09
		18.5: Bx healed by sulfides.	60	10	1.5/1.5	2460	10.6	12.1	1.5	5.20	10.33	74.74			7.80	15.495	112.11
		23.5: Gradual change to massive sulfides (increas-	40	8	1.5/1.6	2461	12.1	13.7	1.6	2.20	4.58	36.34			3.52	7.328	58.144
		ing wider)(massive sulfide bands).	35	8	1.5/1.5	2462	13.7	15.2	1.5	2.58	5.16	40.46			3.87	7.74	60.69
23.5	25.9	MASSIVE SULFIDE (M) with faint trace of compositional	30	10	1.4/1.5	2463	15.2	16.7	1.5	4.08	10.07	65.49			6.12	15.105	98.235
		banding. Short runs of porous sulfides. Banding=80	30	10	1.4/1.5	2464	16.7	18.2	1.5	5.30	12.06	87.77			7.95	18.09	131.655
		-85°. 25.9: Sharp contact w/bleached phyllite=85°.	35	10	1.5/1.6	2465	18.2	19.8	1.6	5.73	12.93	90.86			9.168	20.688	145.376
25.9	26.2	BLEACHED PHYLLITE (Sb). Greenish white. Prominent	35	+15	1.5/1.5	2466	19.8	21.3	1.5	5.68	10.22	86.74			8.52	15.33	130.11
		fuchsite spots mixed with sulfide and earthy white,	45	+15	1.5/1.5	2467	21.3	22.8	1.5	6.74	13.40	110.06			10.11	20.10	165.09
		hard material (feldspars). Foliation=85°.	65	15	1.4/1.5	2468	22.8	24.3	1.5	6.04	8.82	98.81			9.06	13.23	148.215
															10.944	20.688	224.364

LOGGED BY _____ D.D.H. Nº 76-U-69 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	33.5	GRAPHITIC PHYLLITE (Sg). Fissile. Foliation 85-80°.	0.3/0.3		25.9	26.2	0.3								
		Graphite as thin laminae alternating with sericite and some	7.0/7.3		26.2	33.5	7.3								
		sulfides. F_1 c to c plane=5°		W.Av.	3.0	6.0	3.0	2.32	3.68	31.38					
		28.6: Shear. Sliding plane=75-80°.		W.Av.	6.0	25.9	19.9	5.43	10.47	90.25			108.072	208.381	1795.99
		33.5: Abrupt change to Calcitic-chloritic sericite phyllite		W.Av.	12.1	15.2	3.1	2.38	4.86	38.33			7.39	15.068	118.834
		(Sk+c). Contact broken ground.													
33.5	38.1	CALCITIC-CHLORITIC SERICITE PHYLLITE. Competent. Calcitic	4.6/4.6		33.5	38.1	4.6								
		groundmass with thin laminae of green chlorite. Foliation=80°													
		Calcite filled fracture pattern dipping opposite foliation=10°													
	38.1	END OF HOLE. -IN WASTE.													

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 27 MAR 1985 1:35 PM



DDH: FAGU069 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

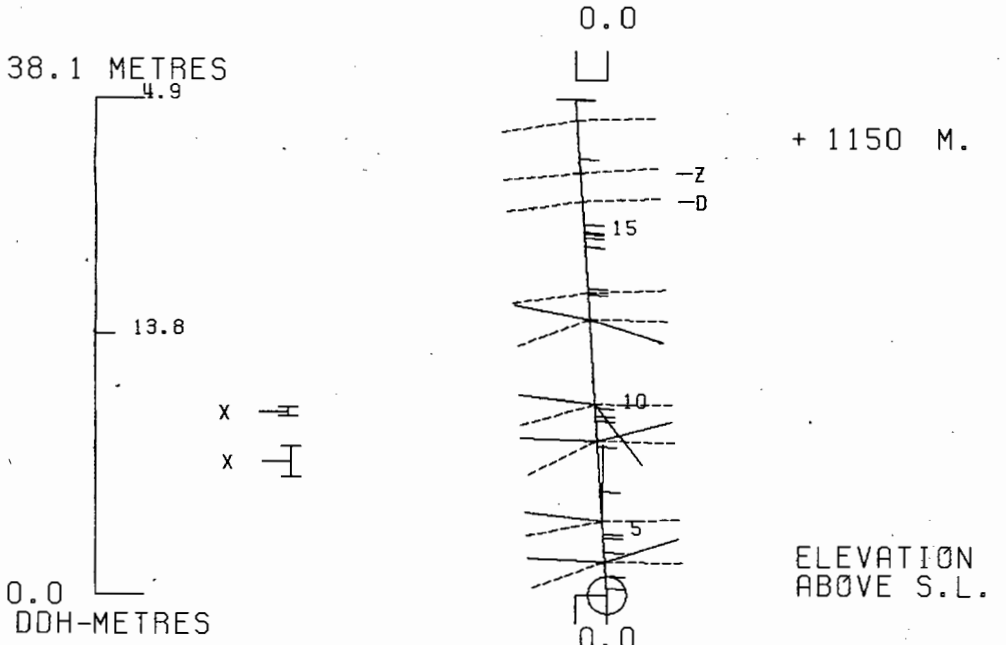
ELEV:1120 592186E ; 905046N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 333.8 Z = 1119.6

SECTION NAME: 02N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 27 MAR 1985 1:34 PM



DDH: FAGU069 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1120 592186E ; 905046N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 333.8 Z = 1119.6

SECTION NAME: 02N

FAGU072

DRILL HOLE : FAGU072

NORTHING : 905,046.2

EASTING : 592,186.8

ELEVATION : 1,114.0

TOTAL DEPTH : 137.3

SECTION : W 78

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:	38
NOS DOWN-H-SURVEYS:	3
NOS DOWN-H-LITHOLOGY:	65
NOS DOWN-H-STRUCTURE:	23
NOS DOWN-H-FAULTS:	2
NOS DOWN-H-SPLINES:	3
NOS COMPOSITES:	0

DDH: FAGU072 UTM-N: 905,046.2 UTM-E: 592,186.8 UTM-ELEV: 1,114.0 TOTAL DEPTH: 137.3 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.0	11803	2.0	1.6	4A0	3.12	.10	2.20	1.30	29.99		.89	1	11	12						
2.0	4.0	11804	2.0	1.6	4A0	3.18	.11	1.85	.68	28.99		1.30	1	12	13						
4.0	6.0	11805	2.0	1.8	4A0	3.16	.11	3.00	.80	45.00		.81	1	11	12						
6.0	8.0	11806	2.0	2.0	4A0	3.12	.11	.99	.46	20.00		.81	1	11	12						
8.0	10.0	11807	2.0	1.9	4A0		.10	.90	.72	18.00											
10.0	11.7	11808	1.7	1.5	4A0		.10	.57	.91	10.00											
11.7	13.6	11809	1.9	1.6	4A0		.05	.33	.54	9.00											
13.6	15.8	11810	2.2	2.0	4ACL		.08	.23	.35	6.99											
15.8	17.3	11811	1.5	1.2	4A0		.11	.26	.55	6.99											
17.3	19.0	11812	1.7	1.6	4A10	3.08	.11	.84	1.78	20.00		.75	1	9	11						
19.0	20.5	11813	1.5	1.2	4A0	3.10	.08	1.72	1.99	26.00		1.10	1	10	11						
20.5	22.2	11814	1.7	1.5	4A4	4.04	.28	2.60	3.49	53.00		1.37	1	28	30						
22.2	24.3	11815	2.1	2.0	4AE	3.77	.20	.65	1.28	28.99		.89	1	26	27						
24.3	25.9	11816	1.6	1.1	4A34	3.00	.08	2.20	3.20	37.00		1.10	1	5	7						
25.9	27.9	11817	2.0	1.9	4A4	3.93	.23	2.02	3.10	41.00		1.30	1	27	28						
27.9	30.4	11818	2.5	2.3	4AE	3.81	.08	1.57	2.60	46.00	44.00	.81	1	19	21						
40.5	42.0	11819	1.5	1.4	4EC	3.41	.02	1.37	1.06	26.00		.27	5	14	19						
42.0	42.7	11820	.7	.5	400	3.95	.14	3.00	5.20	69.00		.81	1	21	23						
63.4	65.2	11821	1.8	1.6	4EA		.05	1.44	2.29	27.00											
103.0	104.7	11823	1.7	1.7	4A03	3.49	.14	1.67	2.50	27.00		.81	2	17	19						
104.7	106.0	11822	1.3	1.3	4E6@	4.25	.13	3.10	3.39	43.00		.55	1	27	29						
106.0	107.5	11824	1.5	1.4	4EA	3.12	.08	.69	.97	13.99		.75	3	10	14						
107.5	109.0	11825	1.5	1.3	4A13	3.08	.16	1.34	1.67	23.00		.68	3	7	11						
109.0	110.2	11827	1.2	1.1	4A13	2.83	.02	.49	1.14	9.00		.27	1	1	3						
110.2	111.7	11826	1.5	1.4	4E$	4.11	.26	2.89	2.89	45.00		1.70	2	35	38						
114.2	116.8	11829	2.6	1.2	4A0	3.02	.10	.76	1.70	13.00		.20	1	8	9						
116.8	118.0	11828	1.2	1.2	4AEL	3.27	.08	.92	1.38	15.99		1.98	3	13	16						
118.0	120.0	11830	2.0	2.0	4A0	2.99	.05	.90	1.52	21.00	19.00	.47	1	7	8						
120.0	122.0	11832	2.0	1.2	4A0	2.91	.02	.99	1.68	19.00		.55	2	4	6						
122.0	123.6	11831	1.6	1.6	4EAH	3.95	.07	1.47	1.71	36.00		1.37	10	24	34						
123.6	124.6	11834	1.0	.8	4A4	2.85	.05	2.50	.70	5.00		2.60	1	3	5						
124.6	126.6	11833	2.0	2.0	4D45	3.50	.16	7.20	12.69	125.99		2.19	2	10	12						
126.6	128.6	11835	2.0	2.0	4D45	3.56	.02	9.00	19.60	159.00		2.81	2	7	9						
128.6	131.0	11836	2.4	2.4	4D4	3.54	.10	7.29	15.69	114.99		1.85	2	7	9						
131.0	132.9	11837	1.9	1.9	4A30	3.77	.02	1.44	3.10	38.00		1.85		23	24						
132.9	134.1	11838	1.2	1.2	4EG	4.02	.04	2.29	5.50	54.00		.27		27	27						
134.1	135.6	11839	1.5	1.3	4D45	3.58	.11	8.80	14.19	141.00		1.43	2	9	11						
135.6	137.1	11840	1.5	1.5	4D45	3.62	.04	10.00	14.49	156.00	162.00	1.70	2	8	10						
WEIGHTED AVERAGE																					
.0	30.4		30.4	26.8		2.37	.12	1.37	1.46	27.11	3.61	.69	1	11	12						
40.5	42.7		2.2	1.9		3.58	.06	1.89	2.37	39.68		.44	3	17	21						
63.4	65.2		1.8	1.6			.05	1.44	2.29	27.00											
103.0	111.7		8.7	8.2		3.48	.13	1.71	2.11	27.08		.82	2	16	19						
114.2	137.1		22.9	20.3		3.41	.07	4.16	7.58	70.92	12.27	1.43	2	11	13						

DDH: FAGU072 UTM-N: 905,046.2 UTM-E: 592,186.8 UTM-ELEV: 1,114.0 TOTAL DEPTH: 137.3 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	146.200	224.200
45.700	161.500	224.000
112.800	172.000	224.000

DDH: FAGU072 UTM-N: 905,046.2 UTM-E: 592,186.8 UTM-ELEV: 1,114.0 TOTAL DEPTH: 137.3 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
11.7	0001	4A0	(4A310)	0.5-	1
12.2	0002	4A1	PHYLLITIC	0.5-	1
13.6	0003	4A0		0.5-	1
14.8	0004	4L14	-> 4L1427	0.5-	1
15.5	0005	4A10		0.5-	1
15.8	0006	4C0	PHYLLITIC	0.5-	1
17.3	0007	4A0		0.5-	1
19.0	0008	4A10	PHYLLITIC ->[4C5]	0.5-	1
22.2	0009	4A0	(4A4) AT BASE	0.5-	1
23.3	0010	4A43		0.5-	1
24.3	0011	4E0	& POROUS	0.5-	1
25.9	0012	4A34		0.5-	1
27.9	0013	4A4		0.5-	1
29.5	0014	4A30	(4E0)	0.5-	1
30.4	0015	4E4	& POROUS	0.5-	1
40.5	0016	5B2$		0.5-	1
41.0	0017	4C0	(4COPHYLLITIC)[4L1V.SILICEOUS]	0.5-	1
42.0	0018	4E46	-> 4E416# (4G#)	0.5-	1
42.4	0019	5D4@		0.5-	1
42.7	0020	4D0	PHYLLITIC	0.5-	1
53.7	0021	5B2$		0.5-	1
54.6	0022	5B20		0.5-	1
58.9	0023	5B2$		0.5-	1
59.1	0024	5D0		0.5-	1
63.4	0025	5B20		0.5-	1
63.5	0026	4A4		0.5-	1
64.3	0027	4E4		0.5-	1
64.8	0028	4E46	-> 4E46#	0.5-	1
65.2	0029	4A0	(4A30)	0.5-	1
66.9	0030	5B20	(5A0)	0.5-	1
67.2	0031	5D0	(10Q0*)	0.5-	1
67.4	0032	4A4	NON PYRITIC	0.5-	1
67.6	0033	5D0		0.5-	1
70.6	0034	5B20	(5A0) (5D0) MINOR	0.5-	1
70.8	0035	5D6	(5A0)	0.5-	1
73.0	0036	5A$	(4A10)	0.5-	1
73.5	0037	5B$		0.5-	1
74.6	0038	5D0		0.5-	1
97.1	0039	5B0	(5D0) MINOR	0.5-	1
103.0	0040	5B$	-> @	0.5-	1
103.6	0041	4A4		0.5-	1
104.7	0042	4A0	(4A43) [5A19(4E0)]	0.5-	1
106.0	0043	4E6@	(4K0)	0.5-	1
106.8	0044	4A0		0.5-	1
107.5	0045	4E6$		0.5-	1
110.2	0046	4A13	-> 4A134 [4A34]	0.5-	1
111.7	0047	4E$	(4C3)	0.5-	1
114.2	0048	5B$	(10Q0)	0.5-	1
116.8	0049	4A0		0.5-	1
117.1	0050	4L1		0.5-	1
117.8	0051	4A0	(4A3)	0.5-	1

DDH: FAGU072 UTM-N: 905,046.2 UTM-E: 592,186.8 UTM-ELEV: 1,114.0 TOTAL DEPTH: 137.3 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
118.0	0052	4E4@		0.5-	1
122.0	0053	4A0		0.5-	1
123.1	0054	4E0		0.5-	1
123.4	0055	4H0		0.5-	1
123.5	0056	4A0		0.5-	1
123.6	0057	4L7		0.5-	1
124.6	0058	4A4		0.5-	1
129.1	0059	4D45	[4A41]	0.5-	1
131.0	0060	4D4		0.5-	1
132.9	0061	4A30	-> 4A34 BXA [4E15]	0.5-	1
133.6	0062	4E0	(4E1)	0.5-	1
134.1	0063	4G4$	[4G41$]	0.5-	1
137.1	0064	4D45	[4A41]	0.5-	1
137.3	0065	4L0		0.5-	1

DDH: FAGU072 UTM-N: 905,046.2 UTM-E: 592,186.8 UTM-ELEV: 1,114.0 TOTAL DEPTH: 137.3 SECTION: W 78
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
FAGU072	0.0	2.3	CS2	Z	0	0	45	180	75	230	0	1	1	1
FAGU072	0.0	7.6	CS2	Z	0	0	30	180	65	230	0	1	1	1
FAGU072	0.0	12.3	CS2	Z	0	0	25	180	70	230	0	1	1	1
FAGU072	0.0	18.0	CS2	Z	0	0	70	180	75	230	0	1	1	1
FAGU072	0.0	23.1	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGU072	0.0	27.7	CS2	Z	0	0	70	180	75	230	0	1	1	1
FAGU072	0.0	32.1	CS2	Z	0	0	35	180	70	230	0	1	1	1
FAGU072	0.0	38.9	CS2	S	0	0	0	0	65	230	0	1	1	1
FAGU072	0.0	43.3	CS2	Z	0	0	50	180	60	230	0	1	1	1
FAGU072	0.0	50.4	CS2	Z	0	0	35	180	75	230	0	1	1	1
FAGU072	0.0	56.5	CS2	Z	0	0	40	180	70	230	0	1	1	1
FAGU072	0.0	62.2	CS2	S	0	0	20	0	70	230	0	1	1	1
FAGU072	0.0	68.3	CS2	S	0	0	15	0	55	230	0	1	1	1
FAGU072	0.0	74.6	CS2	S	0	0	20	0	65	230	0	1	1	1
FAGU072	0.0	80.6	CS2	Z	0	0	80	180	75	230	0	1	1	1
FAGU072	0.0	87.0	CS2	Z	0	0	45	180	65	230	0	1	1	1
FAGU072	0.0	93.1	CS2	S	0	0	30	0	75	230	0	1	1	1
FAGU072	0.0	100.5	CS2	S	0	0	20	0	70	230	0	1	1	1
FAGU072	0.0	106.7	CS2	S	0	0	25	0	70	230	0	1	1	1
FAGU072	0.0	112.0	CS2	Z	0	0	20	180	60	230	0	1	1	1
FAGU072	0.0	120.0	CS2	Z	0	0	20	180	70	230	0	1	1	1
FAGU072	0.0	128.4		P	0	0	0	0	60	230	0	1	1	1
FAGU072	0.0	130.5		P	0	0	0	0	30	230	0	1	1	1

DDH: FAGU072 UTM-N: 905,046.2 UTM-E: 592,186.8 UTM-ELEV: 1,114.0 TOTAL DEPTH: 137.3 SECTION: W 78
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
FAGU072	131.0	132.9	PF?			0	0	0	0	0	0	1
FAGU072	135.6	137.1	R	4		0	0	0	0	0	0	1

DDH: FAGU072 UTM-N: 905,046.2 UTM-E: 592,186.8 UTM-ELEV: 1,114.0 TOTAL DEPTH: 137.3 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU072	1	2
FAGU072	2	2
FAGU072	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: 19 Sept 81

Hole Number: FAGU 072

Project: Grum

Location: Section 78W

Claim:

~~Terr.~~ Plane Co-ords.: 905046.2 N

conversion of K-A grid

592186.8 E

Grid Co-ords: L 78W+00 / 3N

Elevation: 1114.0

Total Depth: 137.3M

Purpose: Definition Drilling

Reason hole Terminated:

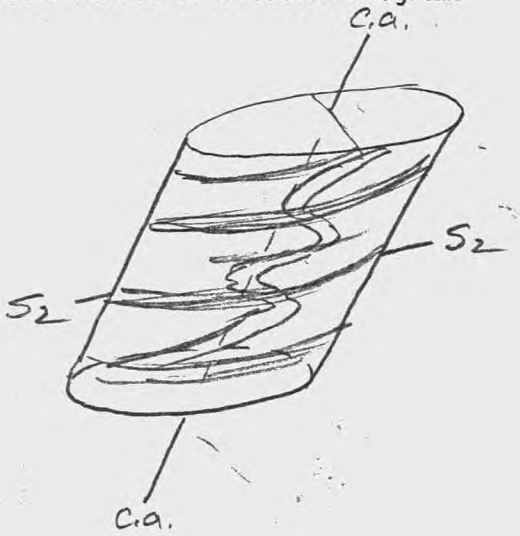
Logged by: DSJ

Drilling Contractor: Cameron - McCatcheon

Hole Cemented:

Steel down hole:

Reference Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 230.

Date(s) Logged: 15, Sept. 81

Size	CORE From	To
BQ	0	137.3M

Collar Cased and Capped: ____

Started: 29 Apr. '76 Completed: 2 May '76

Cyprus Anvil Mining Corp.

DDH FAGU072 (2 8)

Diamond Drill Core Log Date: 15 Sept. 81 Logged By: DSF

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
	2 8	10 16	17 24	25 32	34 39	41 42	
T	FAGA072	1114.0	9050461.2	592186.8	METERS	52	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments (224.2 for True North)
	2 8	10 14	22 26	28 32	34 56
R	FAGA072	00	146.3	232.7	AT COLLAR
(1) R	FAGA072	457	161.5	224.0	SPERRY SUN
(2) R	FAGA072	1128	172.0	224.0	
					(1) OBSERVED AZ = 359°
					(2) OBSERVED AZ = 150°

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
	2 8	10 56
C	FAGU072	AZ FOR SPERRY-SUN JUDGED FROM OBSERVED

DDH EAG.U.07.2 (2 8) **Cyprus Anvil Mining Corp.** Page 3 of 7

Lithologic Log Date: 15 Sept 81 Logged By: DSJ

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	100	117		1	4AO	(4A30) ; low grade
L	117	122		2	4A1	phyllitic ; low grade
L	122	136		3	4AO	
L	136	148		4	4K14	⇒ 4L1427
L	148	155		5	4A10	
L	155	158		6	4C9	phyllitic
L	158	173		7	4AO	
L	173	190		8	4A10	phyllitic ⇒ [4C5]
L	190	222		9	4AO	±4 see assays
L	222	233		10	4AH3	>50% pyrite but not ⇒ 4E
L	233	243		11	4E4	≈6% combs. ; ± porous see assays
L	243	259		12	4A34	see assays
L	259	279		13	4A4	
L	279	295		14	4A30	(4EO)
L	295	304		15	4E4	± porous
L	304	405		16	5B2*	dolomitic ; [5BO2 FeMgCO3]
L	405	410		17	4C9	(4CO phyllitic) ; [4L very siliceous]
L	410	420		18	4E4C	→ 4E4C* calcitic (4C* calcitic)
L	420	424		19	5DH*	ankeritic, <1% fuchsite
L	424	427		20	4C8	phyllitic see assays
L	427	537		21	5B2*	dolomitic as #16 ; carbonate bands
						react wkly in 10%, strongly in 20%
L	537	546		22	5B2C	
L	546	589		23	5B2*	dolomitic as #16, 21
L	589	591		24	5DO	
L	591	634		25	5B20	
L	634	635		26	4A4	
L	635	643		27	4E4	
L	643	648		28	4E4C	→ 4E4C* calcitic
L	648	652		29	4AO	(4A30)
L	652	669		30	5B20	(5AO) mod. calc.
L	669	672		31	5DO	w/ OQO* sweats
L	672	674		32	4A4	non-pyritic
L	674	676		33	5DO	
L	676	706		34	5B20	(5AO) mod calc. as #30; 5DO 68.0-68.1
L	706	708		35	5DC	(5A) w/ OQO* dol

DDH FAGU072 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 15 Sept 81 Logged By: DSG

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
4	708	730		36	5A*	dol. (4A10)
4	730	735		37	5B*	dol. [5BO $FeMg(CO_3)^=$]; >30% $CO_3^=$
4	735	746		38	5DO	normal, calc.
4	746	971		39	5BO	" EO_V; 5DO interbands 82.9-83.1 and 89.1-89.3M
4	971	1030		40	5B*	dol → ank; [5BO $FeMg(CO_3)$] EO_V
4	1030	1036		41	4A4	
4	1036	1047		42	4AO	(4A43); [5A19 (4EO]
4	1047	1060		43	4E6*	anhedritic; (4KO); no fizz in 10%
4	1060	1068		44	4AO	
4	1068	1075		45	4E6*	dolomitic; fizzs in 10%
4	1075	1102		46	4A13	→ 4A134 ≈ 5% comb.; [4A34]
4	1102	1117		47	4E*	dolomitic; fizzs in 10%; (4C3)
4	1117	1142		48	5B*	"; slutty brownish gray dol phyll w/ numerous ODO
4	1142	1168		49	4AO	wkly pyritic & v. thinly laminated
4	1168	1171		50	4A1	
4	1171	1178		51	4AO	(4A3) c.f. #49
4	1178	1180		52	4E4*	anhedritic; no fizz in 10% only 20% thinly laminated
4	1180	1220		53	4AO	
4	1220	1231		54	4EO	
4	1231	1234		55	4HO	
4	1234	1235		56	4AO	
4	1235	1236		57	4A7	
4	1236	1246		58	4A4	
4	1246	1291		59	4D45	[4A41] supergrade ≈ 25% comb.
4	1291	1310		60	4D4	≈ 23% comb.
4	1310	1329		61	4A30	⇒ 4A34 ≈ 5% comb.; brecciated; [4E15]
4	1329	1336		62	4EO	(4E1)
4	1336	1341		63	4G4*	dolomitic; [4G41* dolomitic]
4	1341	1371		64	4D45	[4A41] >20% comb.; .6m recd 135.6-137.1 fault?
4	1371	1373		65	4A0	

DDH EAGU072 Cyprus Anvil Mining Corp. Page 5 of 7

Structural Log Date: 15Sept81 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		23	CS2	Z		45 051	75 231	
S		76	CS2	Z		30 051	65 231	
S		123	CS2	Z		25 051	70 231	
S		180	CS2	Z		70 051	75 231	
S		231	BS2				80 231	
S		277	CS2	Z		70 051	75 231	
S		321	CS2	Z		35 051	70 231	
S		389	CS2	S			65 231	
S		433	CS2	Z		51 051	60 231	
S		504	CS2	Z		35 051	75 231	
S		545	CS2	Z		40 051	70 231	
S		622	CS2	S		20 231	70 231	
S		683	CS2	S		15 231	55 231	
S		746	CS2	S		20 231	65 231	
S		806	CS2	Z		80 051	75 231	
S		870	CS2	Z		45 051	65 231	
S		931	CS2	S		30 231	75 231	
S		1005	CS2	S		20 231	70 231	
S		1047	CS2	S		25 231	70 231	
S		1120	CS2	Z		20 051	60 231	
S		1200	CS2	Z		20 051	70 230	many symm. Δs ≈ 120M
S		1284		R			60 230	
S		1305		R			30 231	

DDH EAGU072 (2, 8) Cyprus Anvil Mining Corp

Page 6 of 7

Logged by DSF

ASSAY LOG (SAMPLER'S COPY) Date 15Sept81 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	100	120	118103	20	16	4A01	
P	120	140	118104	20	16	4A01	
P	140	160	118105	20	18	4A01	
P	160	180	118106	20	20	4A01	
P	180	100	118107	20	17	4A01	
P	100	117	118108	17	15	4A01	
P	117	136	118109	19	16	4A01	
P	136	158	118110	22	20	4ACL	
P	158	173	118111	15	12	4A01	
P	173	190	118112	17	16	4A110	
P	190	205	118113	15	12	4A01	
P	205	222	118114	17	15	4A01	
F	222	243	118115	21	20	4AE	
P	243	259	118116	16	11	4A30	
P	259	279	118117	20	19	4A41	
F	279	304	118118	25	23	4AE	
P	405	420	118119	15	14	4EC	
P	420	427	118120	07	05	4C01	(SD4/*)
P	634	652	118121	18	16	4EA	
P	1030	1047	118122	17	18	4A01	(4A4)
P	1047	1060	118123	13	13	4EA	
P	1060	1075	118124	15	14	4EA	
P	1075	1090	118125	15	13	4A13	
P	1090	1102	118126	12	11	4A13	
P	1102	1117	118127	15	14	4E*	
P	1142	1168	118128	26	12	4A01	
P	1168	1180	118129	12	12	4AE	
P	1180	1200	118130	20	20	4A01	
P	1200	1220	118131	20	12	4A01	
P	1220	1236	118132	26	16	4EAH	↙↗ switch assay tag #'s to correspond to rock type & K-A assays
P	1236	1246	118133	10	08	4A41	↙↗ switch assay tag #'s to correspond to rock type & K-A assays
P	1246	1286	118134	20	20	4D45	

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

JCP Oct/1983

DDH FAG-4072 (2 / 8) Cyprus Anvil Mining Corp

Page 7 of 7

Logged by

ASSAY LOG (SAMPLER'S COPY) Date 15 Sept 81 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
	1126 6	1128 6	1183 5	20	20	4D45	
P	1128 6	1131 0	1183 6	24	24	4DH1	
P	1131 0	1132 9	1183 7	19	19	4A30	
P	1132 9	1134 1	1183 8	12	12	4G41*	dol
P	1134 1	1135 6	1183 9	15	13	4D45	
P	1135 6	1137 1	1184 0	15	15	4D45	

Meters

FAULT

DDH FAGU072 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	11315	11317	R	4				40% recovery fault?
F	11310	11329	X1					broken

DIAMOND DRILL RECORD

LOGGED BY: ALEXANDER YOUNG PO

D.D.H. Nº 76-U-72 PAGE 1

PROPERTY: GRUM JOINT VENTURE

CLAIM Nº

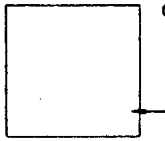
LATITUDE 10 842.738 3N STARTED: APRIL 29, 1976

DEPARTURE 7494.992 78W COMPLETED: MAY 2, 1976

ELEVATION 1124.623 M PROPOSED DEPTH:

ULTIMATE DEPTH: 137.3

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224° 08'	-56° 15'



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 93%

Interval From	Interval To	DESCRIPTION	Py	Pb+Zn	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay R Pb	Assay R Zn	Assay R Ag
0	30.4	QUARTZ-SERICITE SULFIDE (P). Competent. Foliation =	25	3	1.3	2504	0	1.5	1.5	2.08	1.32	22.29			3.12	1.98	33.435
		75° (F_2). F_1 as stretched S-shaped fold c to c plane	25	5	0.9	2505	1.5	3.0	1.5	2.50	1.00	25.37			3.75	1.5	38.055
		=0-10° w/axial plane // to F_1. Trace of graphite.	25	5	1.5	2506	3.0	4.5	1.5	3.00	1.44	38.40			4.5	2.16	57.6
		Sulfide oftentime following F_2, sometime F_1, sometime	25	5	1.5	2507	4.5	6.1	1.6	2.10	0.66	29.14			3.36	1.056	46.624
		partly disseminated in the grdmass. Cpy blebs.	30	5	1.5	2508	6.1	7.6	1.5	1.25	0.52	16.11			1.77	PbZn	
		14-15.2: Bx. Phyllite, qtz, sulfide pebbles cemen-	35	6	1.5	2509	7.6	9.1	1.5	1.15	0.78	17.14			1.93	PbZn	
		ted by minute sulfide grains, sericite flakes and	30	4	1.5	2510	9.1	10.6	1.5	0.60	0.39	10.97			0.99	PbZn	
		black clayey material.	30	5	1.4	2511	10.6	12.1	1.5	0.53	0.70	9.94			1.23	PbZn	
		22-22.2: Bx. Sulfide fragments (1-3cm) cemented by	25	3	1.4	2512	12.1	13.7	1.6	0.31	0.45	4.11			0.76	PbZn	
		black rock powder and sulphides.	20	2	1.5	2513	13.7	15.2	1.5	0.35	0.67	6.17			1.02	PbZn	
		24-24.5: Massive sulfides. Both contacts broken grd.	25	1	1.5	2514	15.2	16.7	1.5	0.44	0.63	5.14			1.07	PbZn	
		30.4: Sharp contact w/graphitic phyllite (SG)=75.	25	1	1.5	2515	16.7	18.2	1.5	0.27	0.54	6.17			0.81	PbZn	
30.4	40.8	GRAPHITIC PHYLLITE (SG). Very fissile. Foliation F_2	20	1	1.4	2516	18.2	19.8	1.6	0.27	0.45	5.14			0.73	PbZn	
		=75-80° (also plane of fisaility). F_1 axial plane //	25	3	1.5	2517	19.8	21.3	1.5	1.50	2.80	23.31					
		to F_2 w/ c to c plane=10-15° (opp. direction of F_2).	30	5	1.5	2518	21.3	22.8	1.5	1.58	1.20	27.43					
		Sporadic showing sulfides as clots and as widely	30	6	1.4	2519	22.8	24.3	1.5	2.35	3.65	45.26			3.525	5.475	67.89

LOGGED BY _____ D.D.H. Nº 76-U-72 PAGE 2

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		40.8: Sharp contact w/quartz-sulfide (P)=75°.	30	5	1.2	2521	25.9	27.4	1.5	2.50	3.94	32.26			3.75	5.91	49.89
40.8	42.7	QUARTZ-SULFIDE (P), W/SHORT RUN OF BLEACHED PHYLL.	35	6	1.0	2522	27.4	28.9	1.5	1.27	1.92	23.31			1.905	2.88	34.965
		(Sb). Competent, dense and brittle. Wide bands of	40	6	1.5	2523	28.9	30.4	1.5	5.81	7.79	74.74			8.715	11.685	112.11
		almost massive sulfides. Foliation=75°. S-shaped F_1 with															
		c to c crest=5° and followed by sulfide train.	40	6	1.9	2524	40.8	42.7	1.9	1.40	2.25	29.14					
		42-42.6: Bleached Sulfide (Sb). Buff colour with green				W.Av.	25.9	30.4	4.5	3.19	4.55	43.8			14.37	20.48	196.97
		fuchsite spots. Foliation=75°. Contacts on both ends				W.Av.	27.4	30.4	3.0	3.54	4.86	49.02			10.620	14.565	147.08
		gradual				W.Av.	0	6.1	6.1	2.41	1.09	28.80			14.75	6.696	175.714
		42.7: Contact with graphitic phyllite (SG)=75°.				W.Av.	6.1	19.8	13.7	1.40	PbZn						
42.7	63.7	GRAPHITIC PHYLLITE (SG). Fissile. Graphite forming alter-			20.5	W.Av.	19.8 42.7	24.3 63.7	4.5 21.0	1.81	2.55	32.0			8.15	11.48	114.0
		nating laminae with quartz-sericite. Foliation F_2=80°. F_1															
		highly crenulated. C to c plane=5°. Sporadic clots of															
		sulfides.															
		55.0: Small fault=3cm. Black sticky thick gouge.															
		62.4-63.7: Calcite in groundmass.															
		63.7: Sharp contact with massive banded sulfide, (MB) = 90°.															
		Small sulfide flame structure.															
63.7	65.5	MASSIVE BANDED SULFIDE (MB). Competent, brittle. Sph rich															
		band=85°. Short limy bleached phyllite (=3cm) @ 64.1	75	6	1.8	2525	63.7	65.5	1.8	3.05	5.05	60.34					
		65.5: Gradual change to Graphitic-calcitic sericite phyllite															

LOGGED BY _____ D.D.H. NO 76-U-72 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
65.5	73.1	GRAPHITIC-CALCITIC SERICITE PHYLLITE (SC+K). Essentially dark coloured graphitic phyllite but with thin laminae of calcite and sericite. Competent. Foliation=70°. F_1 (c to c axis=20°). Minor sulfide showing. 66.8: Shear. Sliding plane marked by graphite flakes. 73.1: Sharp contact with calcitic phyllite (K)=50°.	7.6		65.5	73.1	7.6								
73.1	97.5	CALCITIC PHYLLITE (K). Competent. Very limy groundmass and numerous calcite stringers. Foliation=75-80°. F_1 as crenulation between F_2 (marked by thin laminae of graphite) c to c plane=75° (opposite dip direction to general 75-80° foliation) 97.5: Sharp contact with chloritic-sericite phyllite (Sc) equal to 80°.	24.4		73.1	97.5	24.4								
97.5	103	CHLORITIC SERICITE PHYLLITE (Sc). Competent. Gray with greenish tint. Incipient calcite present in groundmass but definitely less limy than preceeding run. Foliation=80°. F_1 c to c plane=15°. 101.8-102: FAULT. Sericite flakes + white gouge. 103.0: Change to Graphitic Phyllite. Contact = 80°.	5.0		97.5	103.0	5.5								
103.0	105.1	GRAPHITIC PHYLLITE W/SULFIDE LAMINAE. Foliation 10 3 =90° and F_1 c to c plane =0°. Competent. 104: Fold nose.	2.1	2526	103	105.1	2.1	1.74	2.25	28.46			3.65	4.73	59.77

DDH: FAGU072 -- 132 DEGREE PROFILE

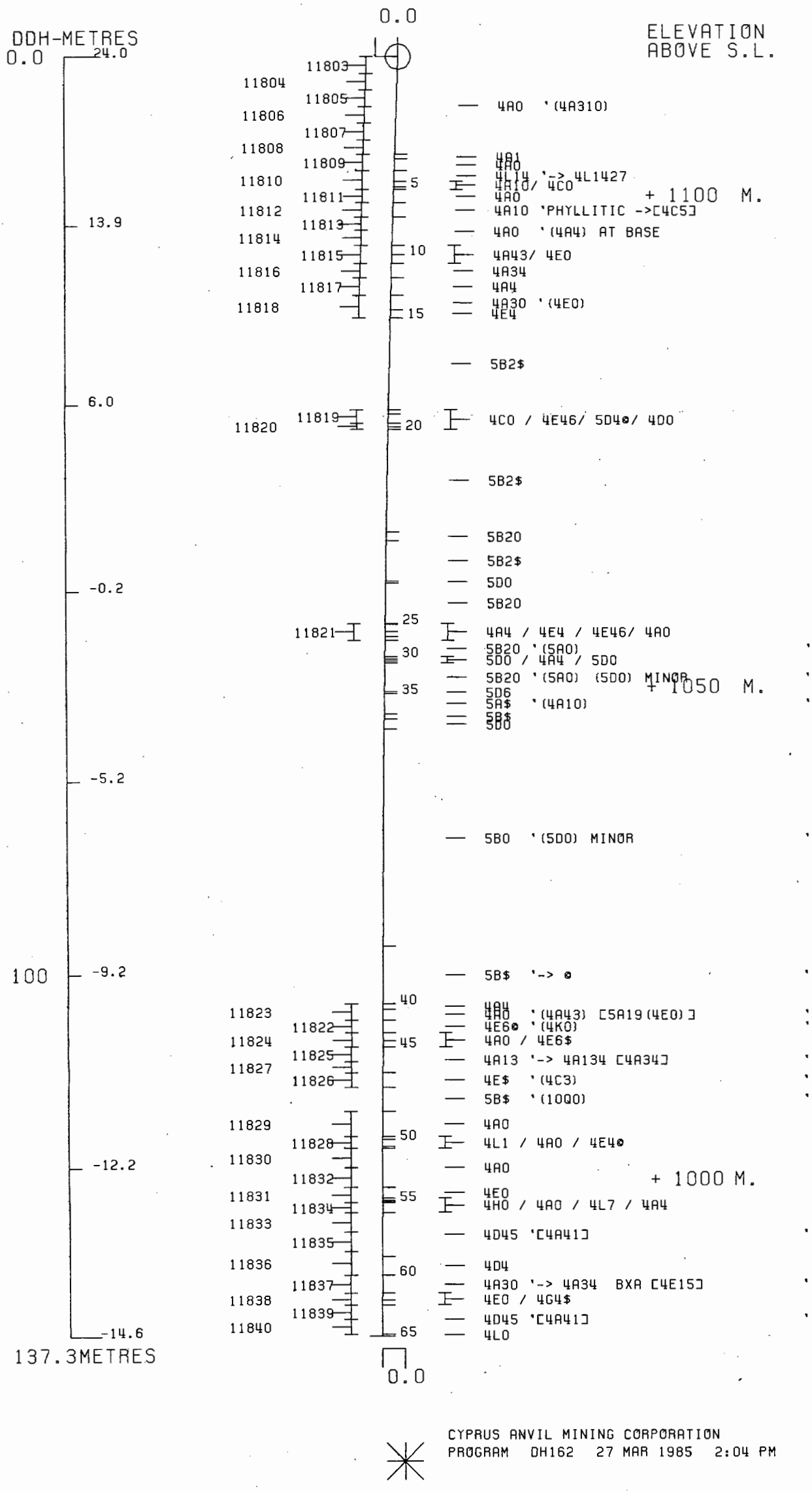
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1114 592187E ; 905046N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 334.4 Z = 1114.0

SECTION NAME: 02N



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH162 27 MAR 1985 2:04 PM

DDH: FAGU072 -- 132 DEGREE PROFILE

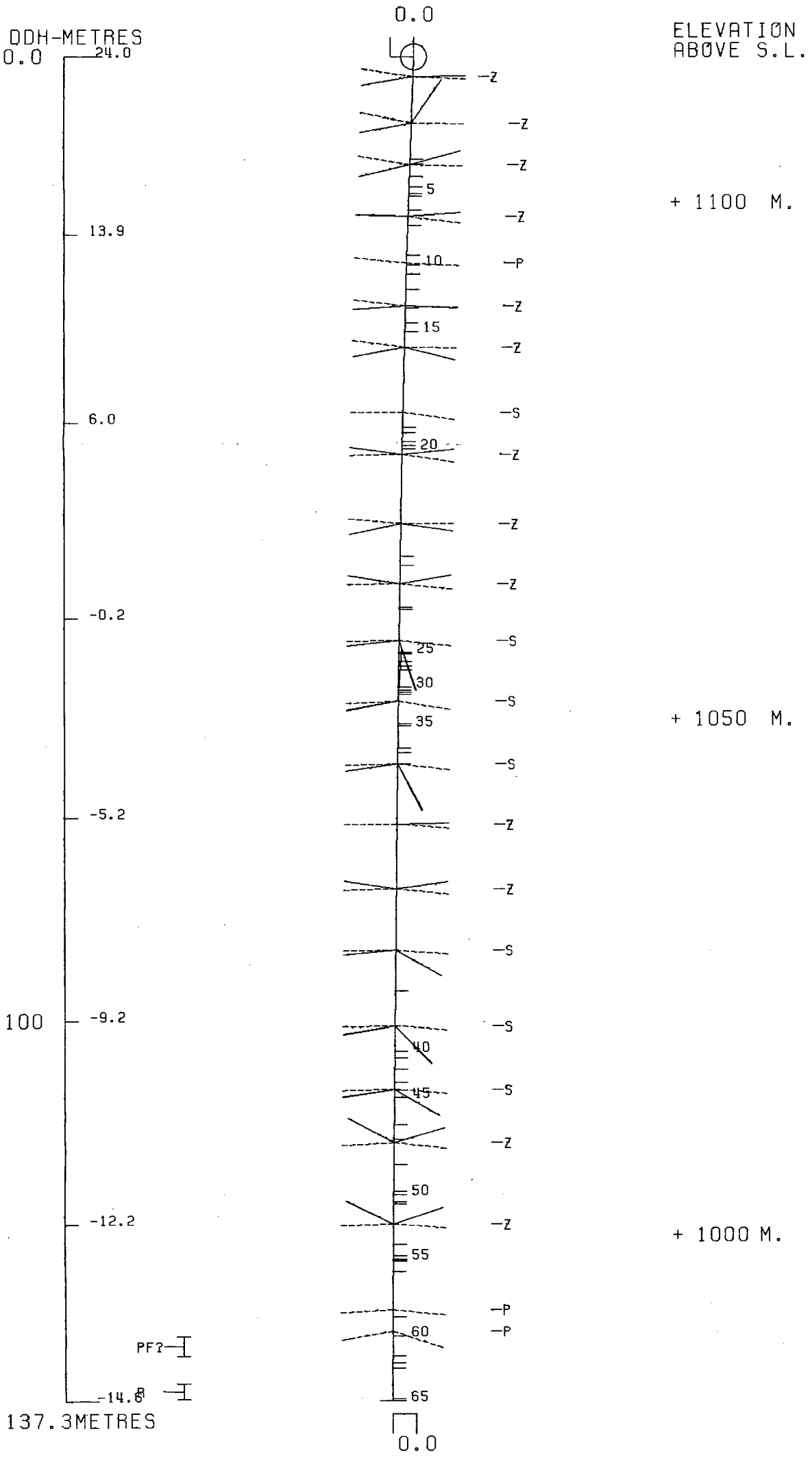
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1114 592187E ; 905046N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 334.4 Z = 1114.0

SECTION NAME: 02N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 7 MAY 1985 2:21 PM

FAGU073

DRILL HOLE : FAGU073
NORTHING : 905,044.5
EASTING : 592,186.6
ELEVATION : 1,115.4
TOTAL DEPTH : 121.9
SECTION : W 78
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	20
NOS DOWN-H-SURVEYS:	1
NOS DOWN-H-LITHOLOGY:	27
NOS DOWN-H-STRUCTURE:	23
NOS DOWN-H-FAULTS:	4
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU073 UTM-N: 905,044.5 UTM-E: 592,186.6 UTM-ELEV: 1,115.4 TOTAL DEPTH: 121.9 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	3.0	12211	3.0	1.8	4A0	3.04	.08	2.10	1.50	38.00		.81		9	10						
3.0	5.5	12212	2.5	2.5	4A0	3.04	.05	1.66	1.30	28.99		.75		7	8						
5.5	8.6	12213	3.1	3.0	4A4	3.02	.02	3.79	7.40	52.00		.68	1	2	4						
8.6	10.3	12214	1.7	1.5	4D5	3.00	.05	4.29	5.20	52.00		.75		3	3						
10.3	12.0	12215	1.7	1.7	4D5	2.91	.05	2.70	3.99	39.00		.89	1	2	3						
12.0	13.4	12216	1.4	1.4	4A0	2.89	.02	.38	.81	13.99		.40	1	4	5						
13.4	15.4	12217	2.0	2.0	4A3	3.43	.02	1.12	2.89	34.00		1.03	1	19	20						
15.4	17.4	12218	2.0	1.8	4A34	3.16	.02	2.60	5.00	51.00		.95	1	10	11						
17.4	19.4	12219	2.0	1.9	4A34	3.25	.02	2.89	8.59	52.00		1.16	1	9	11						
19.4	21.4	12220	2.0	1.8	4A34	3.35	.02	2.89	7.70	51.00	47.00	.95	1	13	14						
21.4	23.2	12221	1.8	1.7	4A34	3.16	.02	3.00	7.40	53.00		1.43	1	9	10						
23.2	25.9	12222	2.7	2.6	4E4	4.50	.14	5.59	11.80	112.99		1.51		20	21						
25.9	27.9	12223	2.0	1.7	4G4	4.54	.14	7.29	11.80	131.00		2.39	2	27	29						
27.9	29.8	12224	1.9	1.9	4G4	4.67	.14	6.20	11.90	118.99		1.51		21	22						
29.8	31.6	12225	1.8	1.8	4E4	4.15	.08	10.59	21.30	151.00		1.30	1	14	16						
31.6	32.6	12226	1.0	.9	4E4	4.73	.14	8.50	15.40	153.00		.68	2	23	25						
32.6	33.8	12227	1.2	1.2	5D4*	3.27	.02	1.12	2.39	29.99		.40	2	10	12						
33.8	35.4	12228	1.6	.3	4E4	4.45	.17	6.90	11.40	156.00		1.16	1	22	23						
38.5	39.2	92080	.7	.6	4A4			7.58	17.61	55.53											
39.2	41.9	92081	2.7	2.7	4A0			.78	1.62	12.00											
WEIGHTED AVERAGE																					
.0	35.4		35.4	31.5		3.55	.07	3.97	7.40	70.53	2.65	1.06	1	12	13						
38.5	41.9		3.4	3.3				2.18	4.91	20.96											

DDH: FAGU073 UTM-N: 905,044.5 UTM-E: 592,186.6 UTM-ELEV: 1,115.4 TOTAL DEPTH: 121.9 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	88.700	196.300

DDH: FAGU073 UTM-N: 905,044.5 UTM-E: 592,186.6 UTM-ELEV: 1,115.4 TOTAL DEPTH: 121.9 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
8.6	0001	4AC	(4A4) AT BASE	0.5-	1
12.0	0002	4D5	[4A41]	0.5-	1
13.4	0003	4A0		0.5-	1
23.2	0004	4A34	(4A3) AT TOP	0.5-	1
25.9	0005	4E4		0.5-	1
29.8	0006	4G4	(4E46)	0.5-	1
30.1	0007	5D4@		0.5-	1
31.6	0008	4E4		0.5-	1
32.6	0009	4E4	POROUS &#	0.5-	1
33.3	0010	5D4*		0.5-	1
33.8	0011	5D4*		0.5-	1
34.6	0012	4E0		0.5-	1
35.4	0013	4E4		0.5-	1
38.6	0014	5A0	(5A9)	0.5-	1
39.2	0015	4A4		0.5-	1
39.4	0016	4A0	GOUGE	0.5-	1
42.4	0017	4A0		0.5-	1
42.7	0018	4A0	(5D4*) GOUGE	0.5-	1
50.0	0019	5B62	(5A6)	0.5-	1
50.6	0020	10Q0		0.5-	1
53.1	0021	5B6		0.5-	1
53.6	0022	4L2		0.5-	1
55.4	0023	5B6		0.5-	1
62.8	0024	5B62	$	0.5-	1
106.3	0025	5D3		0.5-	1
121.5	0026	5B38		0.5-	1
121.9	0027	5D3		0.5-	1

DDH: FAGU073 UTM-N: 905,044.5 UTM-E: 592,186.6 UTM-ELEV: 1,115.4 TOTAL DEPTH: 121.9 SECTION: W 78
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
FAGU073	0.0	5.5	CS2	Z	0	0	30	0	5	50	0	1	1	1
FAGU073	0.0	14.1	CS2	Z	0	0	30	0	10	50	0	1	1	1
FAGU073	0.0	18.6		P	0	0	0	0	15	50	0	1	1	1
FAGU073	0.0	24.7		P	0	0	0	0	50	50	0	1	1	1
FAGU073	0.0	28.9		P	0	0	0	0	40	50	0	1	1	1
FAGU073	0.0	31.2		P	0	0	0	0	60	50	0	1	1	1
FAGU073	0.0	39.8	CS2	S	0	0	0	0	50	50	0	1	1	1
FAGU073	0.0	45.5	CS2	Z	0	0	75	0	20	50	0	1	1	1
FAGU073	0.0	52.1	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGU073	0.0	59.1	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU073	0.0	66.7	CS2	Z	0	0	20	180	20	230	0	1	1	1
FAGU073	0.0	72.6	CS2	D	0	0	0	0	15	230	0	1	1	1
FAGU073	0.0	78.5	CS2	Z	0	0	45	180	10	230	0	1	1	1
FAGU073	0.0	81.7	CS2	Z	0	0	60	180	10	230	0	1	1	1
FAGU073	0.0	87.1	CS2	Z	0	0	60	180	20	230	0	1	1	1
FAGU073	0.0	89.7	CS2		0	0	0	0	1	230	0	1	1	1
FAGU073	0.0	95.5	CS2	S	0	0	50	0	10	230	0	1	1	1
FAGU073	0.0	99.8	CS2	S	0	0	50	0	25	230	0	1	1	1
FAGU073	0.0	102.5	CS2	Z	0	0	45	180	15	230	0	1	1	1
FAGU073	0.0	108.5	CS2	S	0	0	40	0	10	230	0	1	1	1
FAGU073	0.0	114.2	CS2	Z	0	0	20	180	30	230	0	1	1	1
FAGU073	0.0	116.5	CS2	Z	0	0	15	180	10	230	0	1	1	1
FAGU073	0.0	121.9	CS2	Z	0	0	30	180	20	230	0	1	1	1

DDH: FAGU073 UTM-N: 905,044.5 UTM-E: 592,186.6 UTM-ELEV: 1,115.4 TOTAL DEPTH: 121.9 SECTION: W 78
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
FAGU073	39.2	39.4	G			0	0	0	0	0	0	1
FAGU073	42.4	42.7	G			0	0	0	0	0	0	1
FAGU073	50.0	50.6	Q			0	0	99	999	0	0	1
FAGU073	62.8	63.1	G			0	0	0	0	0	0	1

DDH: FAGU073 UTM-N: 905,044.5 UTM-E: 592,186.6 UTM-ELEV: 1,115.4 TOTAL DEPTH: 121.9 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU073	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU073 (76-U073)

Project: GRUM RELOG

Location: VANGORDA PLATEAU

Claim: —

UTM ~~Terr. Plane~~ ~~Co-ords.~~: 6905044.5 N

conversion of K-A grid

592186.6 E

Grid Co-ords.: 3N

78 W

Elevation: 1115.4 M

Total Depth: 121.9 M

Fabric Orientation Diagram:

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

Purpose:

Logged by: DSJ · JGS Date(s) Logged: 24 Sept 1981

Drilling Contractor: Cameron & McCutcheon Core:

Size	From	To
BQ	0	121.9M

Collar Cased and Capped: ____

Started: 2 May 1976 Completed: 3 May 1976

Cyprus Anvil Mining Corp.

DDH F.A.G.M.0.7.3. (2 — 8)

Diamond Drill Core Log Date: _____ 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	F.A.G.M.0.7.3	5.4	9.0.5.0.4.4.5	5.9.2.1.8.6.6	M.E.T.R.E.S	S.2	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 — 8	10 — 14	22 — 26	28 — 32	34 — 56
R	F.A.G.M.0.7.3	0.0	8.8.7	1.9.4.7	A.T. C.O.L.L.A.R.
					196.3 for True North

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

DDH FAGU-073 (2–8) Cyprus Anvil Mining Corp. Page 3 of 5

Lithologic Log Date: 24SEP81 Logged By: DST - JGS

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	000	186		101	4A41	
L	186	120		102	4A51	[4A41]
L	120	134		03	4A01	
L	134	232		04	4A34	
L	232	259		05	4E41	
L	259	298		06	4G41	(4E46) non calc
L	298	301		07	5D41*	AMK 2-5% fusch + py.
L	301	316		08	4E41	
L	316	326		09	4E14	POR ± CALC.
L	326	333		10	5D41*	fusch, py tch or K. Very altered
L	333	338		11	5D41*	KAOL V. ALT ULTIMATE of above unit 10.
L	338	346		12	4E01	fine Dus 40* K 1-2m freqs Deposit Δ
L	346	354		13	4E41	
L	354	386		14	5A01	(5A9)
L	386	392		15	4A41	V. H. GRADE.
L	392	394		16	4A01	GOUGE nil ATT.
L	394	424		17	4A01	
L	424	427		18	4A01	(5D4*) GOUGE F. NIL/ATT.
L	427	500		19	5B62	(5A6)
L	500	506		20	1Q01	11 S2
L	506	531		21	5B61	
L	531	536		22	4A42	
L	536	554		23	5B61	
L	554	628		24	5B62	* DOL
L	628	1063		25	5D31	Top 3m GOUGE nil alt. F. CONTACT
L	1063	1215		26	5B38	
L	1215	1219		27	5D31	
						EMA of HOLE

DDH FAG4.073 (2–8) Cyprus Anvil Mining Corp. Page 4 of 5

Structural Log Date: 24 Sep 81 Logged By: DSJ - JGS.

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10–14	16–20	22–24	26	28–32	34–38	40–44	
P		155	CS2	Z		310 050	015 950	
P		1141	CS2	Z		300 050	010 950	
P		1186		R			015 050	
P		1247		R			050 050	
P		1289		R			040 950	S2 050
P		1312		R			060 050	↑
P		1398	CS2	S			050 950	
P		1455	CS2	Z		715 950	020 050	CHANGE TO IMD SYM
P		1521	PS2				050 230	↓
P		1591	PS2				040 230	
P		1667	CS2	Z		210 050	020 230	660 → 230 S2
P		1726	CS2	D			015 230	ACROSS FAULT
P		1785	CS2	Z		415 050	010 230	SYMM REVERSAL
P		1817	CS2	Z		610 050	010 230	
P		1871	CS2	Z		600 050	020 230	
P		1897	CS2	H			000 230	
P		1955	CS2	S		500 230	010 230	
P		1998	CS2	S		510 230	025 230	
P		2025	CS2	Z		415 050	015 230	
P		2085	CS2	S		400 230	010 230	
P		2142	CS2	Z		200 950	300 230	
P		2165	CS2	Z		150 950	010 230	
P		2219	CS2	Z		300 950	200 230	
								E of Symm

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

DDH FAG-0073 Cyprus Anvil Mining Corp

Page 5 of 5

Logged by PSJ - JGS

ASSAY LOG (SAMPLER'S COPY) Date 24SEP81 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	100	130	122111	130	118	4A41	
P	130	155	122112	125	125	4A41	
P	155	186	122113	131	130	4A41	
P	186	1103	122114	117	115	4D51	
P	1103	1120	122115	117	117	4D51	
P	1120	1134	122116	114	114	4A01	
P	1134	1154	122117	120	120	4A34	
P	1174	1174	122118	120	118	4A34	
P	1194	1194	122119	120	119	4A34	
P	1214	1214	122220	120	118	4A34	
P	1214	1232	122211	118	117	4A34	
P	1232	1259	122222	127	126	4E41	
P	1259	1279	122223	120	117	4G41	
P	1279	1298	122224	119	119	4G41	
P	1298	1316	122225	118	118	4E41	(5DF · 3m)
P	1316	1326	122226	110	099	4E41	POR
P	1326	1338	122227	112	112	(5D)4T*	?
P	1338	1354	122228	116	103	4E41	(4EO)
							END of SAMPL.

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

Meters

FAULT

DDH FAGU073 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: 5 Oct 83 Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1319.2	1319.4	G					IND gouge
F	1412.4	1412.7	G					IND gouge
F	1500	1506	Q			919 919		Qtz vein // S_2
F	1628	1631	G					IND gouge

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

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

D.D.H. Nº 76-U-73 PAGE 1

PROPERTY VANGORDA - GRUM JOINT VENTURE

LATITUDE 10 481.072 3N STARTED MAY 2, 1976

DEPARTURE 7494.756 78W COMPLETED MAY 3, 1976

ELEVATION 1126.003 M PROPOSED DEPTH

ULTIMATE DEPTH 121.9M

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	194°	0°
121.9M	196° 17'	+1° 16'

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	13.3	QUARTZ-SULPHS-GRAPH-SER (P). Siliceous, light to med. gray													
		15-25% Py, 5% Ser-graph. Very siliceous and hard. F_1 & F_2	1.6	2547	0	2.9	2.9	2.15	1.64	24.34					
		prominent, F_1 & F_2 mineralization. At 12.2m F_2 dominant and all F_1 mineralization.	1.5	2548	2.9	4.4	1.5	0.66	0.45	10.97					
		0-2.9m: 25 Py, 4 Pz.1 F =40°.													
		-4.4m: 20 Py, 1 PZ, 0.2% arsenopy. F_2=30-40°. F_1 sub-V	0.9	2549	4.4	5.3	0.9	3.28	2.70	35.31					
		-5.3m: 25 Py, 5 PZ, F_2=30-10°.	2.3	2550		7.6	2.3	4.45	7.84	52.46			10.235	18.032	120.66
		-7.6m: 15 Py, 8 PZ, F_2=10-35°, F_1 sub-V F_2.													
		-9.0m: 20 Py, 10 Pz, F_2 & F_1 as above.	1.4	2551		9.0	1.4	4.20	7.84	49.37			5.88	10.976	69.118
		-10.7m: 15 Py, 8 PZ													
		-12.0m: 15 Py, 6.5 PZ, F_2=40°, F_1 sub-v F_2.	1.7	2552		10.7	1.7	3.70	5.75	40.46			6.29	9.775	68.782
		-13.3m: 4 Py, 0.7 PZ, F_2 @ 0-20°; late quartz-sulphs filled fractures @ 45° to core.	1.3	2553		12.0	1.3	3.30	3.90	34.29			4.29	5.07	44.577
13.3	23.2	QUARTZ-SULPHS-GRAPH-SER(P). Siliceous.													
		Similar rock as above but more pyritic and structure appear	2.4	2554	12.0	14.4	2.4	0.60	0.88	12.00			1.44	2.112	28.8
		to be mainly F_1	0.8	2555		15.2	0.8	2.28	4.36	40.46			1.824	3.488	32.368
		13.3-14.4: 25 Py, 1.5 PZ. F_2 @ 60°, F_1 @ 0-3° undulating.	1.9	2556		17.1	1.9	2.75	4.75	50.40			5.225	9.025	95.76
		-17.1: 30-40 Py, 5-6.5 PZ. F_2 30-40°, F_1 @ 45-0°.	2.0	2557		19.1	2.0	2.98	6.80	46.29			5.96	13.6	92.58
		-20.7: 35-30 Py, 8-9 PZ. F_2 45° @ 17.8m. F_1 @ 30°.	1.6	2558		20.7	1.6	4.03	9.32	59.31			6.448	14.912	94.896
		-23.2: 20 Py, 10 PZ. F_2 40° @ 20.7-23m, F_1 0-30°.	2.5	2559		23.2	2.5	3.58	7.94	53.49			8.95	19.85	133.73

LOGGED BY _____ D.D.H. NO. 76-U-73 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
23.3	29.8	MASSIVE SULPHIDES WITH BARITE (MB)													
		Mass. fig. pyrite, sphal, gal; 26.8-29.4m section with rich	1.2	2560	23.2	24.4	1.2	7.09	10.64	108.00			8.508	12.768	129.6
		barite. Upper contact 25°, lower contact 50°.	1.1	2651	24.4	25.9	1.5	7.64	10.23	105.54			11.46	15.345	158.31
		23.2-24.4: 70 Py, 20 PZ. Banding 30-40°.	0.9	2652		26.8	0.9	7.80	12.93	111.09			7.02	11.637	99.981
		-26.8: 75 Py, 16 PZ. " " " "	2.4	2653		29.2	2.4	6.20	12.16	101.83			14.88	29.184	244.39
		-29.2: 70 Py, 9 PZ, 10-15 Barite. Banding 40°.	0.6	2654		29.8	0.6	7.74	12.77	122.06			4.644	7.662	73.236
		-29.8: 70 Py, 14 PZ, 5 Barite. Banding 30°.													
29.8	30.2	FUSCHITE-QUARTZ.													
		Pale green with white. Minor sulphs=1 Py, 0.3 PZ.	0.4	2565	29.8	30.2	0.4	1.43	1.60	16.11			0.572	0.64	6.494
		CA: 35°. Lower contact 40°													
30.2	32.5	MASSIVE SULPHIDES (MB,MV).													
		30.2-31.9m: Bands of high grade and Med. grade PZ; 65 Py,	1.7	2566	30.2	31.9	1.7	11.82	23.00	146.06			20.094	39.1	248.302
		24 PZ. Banding 40-50°.	0.6	2567		32.5	0.6	9.32	15.68	160.46			5.592	9.408	96.276
		-32.5: Vuggy, 75 Py, 9 PZ. Lower contact @ 55°.													
32.5	34.1	FUSCHITE-QUARTZ-ANKERITE (?) -SULPHS.													
		As 29.8-30.2m. 12 Pz pyritic bands @ 33.3-33.4m and 33.7-	0.8	2568	32.5	33.3	0.8	0.26	0.15	8.91			0.208	0.12	7.128
		33.9m. Remaining rock 1-2 Py, 0.5 PZ.	1.2	2569		34.5	1.2	3.09	5.40	48.34			3.708	6.48	56.008
		CA: 40°.													

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
34.1	35.4	MASSIVE SULPHIDES (MB) AND QUARTZ-SULPHIDES (P).	1.0	2570	34.5	35.5	1.0	9.12	13.74	175.54			9.12	13.74	175.54
		34.1-34.65M Quartz-sulph; 40 Py, 2-3 PZ.													
		-35.4m: M.S. 75 Py, 12 Pz.													
		-35.4m: Contact @ 65°.													
		CA: 40°.													
35.4	38.5	QUARTZ-GRAPH-SER PHYLLITE (G). MEDIUM GRAY													
		60% quartz, 25 graph., no ser. Contorted landing. Medium	0.5/2.5	2571	35.5	36.0	0.5	0.16	0.25	1.03					
		firm rock, 2-3% pyrite, negli. PbZn first 0.5m.													
		CA: F_2 60° @ 35.7m, 30° @ 36, 40-50° @ 36.6-38M.													
		F_1 55-60° @ 36.9-38m, 0° @ 38.4m.													
38.5	39.2	MASSIVE SULPHIDES (MB).													
		Banded, massive f.g. sulphs w/ H.G. Zn. Later fractures	0.6	2572	38.5	39.2	0.7	7.59	17.61	55.54			5.313	12.327	38.878
		pyrite filled. 65 Py, 24 Pz. Banding 25-35°. Upper contact													
		40°, lower 50° in contact with muddy shear 0.1m wide.													
		F_1 mineralization?													
39.2	41.9	QUARTZ-GRAPH-SER PHYLLITE (G) WITH MINOR SULPHIDES.													
		Phyllite similar to 35.4-38.5M with 5% Py, 1-2 PZ.	2.7	2573	39.2	41.9	2.7	0.78	1.62	12.00			1.794	3.726	27.6
		Moderate fracturing with many slips.													
		F_2 45° @ 39.6m, 45° to 41.6m. F_1 0° @ 39.3, 55° @ 40, 30° @ 41m.													

LOGGED BY _____ D.D.H. NO 76-U-73 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
41.9	61.5	QUARTZ-SERICITE± GRAPH PHYLLITE. (Sg) Medium gray.													
		45-50% quartz, thick and thin foliations sericite and light	19.6/19.6		41.9	61.5									
		gray quartzose bnads. 50-50.6M qtz vein.													
		51-52.3M: Many white quartz veinlets.													
		Rock firm except @ 41.9-44.1M where shearing occurs adjacent													
		to FAULT (shattered) @ 42.5-42.7m.													
		1 ± % pyrite occuring in qtzose bands and in late quartz													
		filled fracture.													
		F_2 / 25° @ 42m, 40° @ 43.6, 25° @ 44.1-46, 0° @ 46.5,		W.Av.	5.3	12.0	6.7	3.98	6.54	45.24			26.695	43.853	303.135
		25° @ 46.8-50, 40° @ 50.7-54.5m, 30° @ 55.3,		W.Av.	9.0	12.0	3.0	3.53	4.95	37.78			10.58	14.845	113.36
		20° @ 56, 0° @ 56.5, 25° @ 57.5, 45° @ 57.8-59.4, 0° @ 59.6, 25 to 35 to 20° @ 59.8-61.5M.		W.Av.	14.4	19.1	4.7	2.77	5.56	46.96			13.009	26.113	220.71
		F_1 / 20° @ 42m, sub-v to F_2 @ 45.4-48.3, //F_2 @ 48.5,		W.Av.	14.4	35.5	21.1	5.41	9.81	82.77			114.21	0206.959	1746.55
		60° to F_2 @ 49, sub-v to F_2 @ 57.8, vert. to F_2 @ 59.		W.Av.	5.3	35.5	30.2	4.71	8.37	68.82			142.345	252.924	2078.48
		F_1 local.													
61.5	63.0	FAULT ZONE?													
		Zone straddles Qtz-Ser-Graph (Med. Gray) and Qtz-Ser (Light	0.6/1.5		61.5	63.0									
		Gray + Bleached). Rock broken, qtz breccia in phyllitic													
		goundmass re-cemmented and/or healed; gouge noted.													
63.0	65.3	QUARTZ-SERICITE PHYLLITE (Ss). Bleached Buff+Light Gray.													
		Altered by fault, sheared. F 20-0-20°. F local sub-v to F	1.1/1.3		63.0	65.3									

LOGGED BY _____ D.D.H. NO 76-U-73 PAGE 5

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
65.3	66.2	QUARTZ CALCITE BRECCIA WITH MINOR SERICITE + CHLOR. ([QK]x).													
		1-3mm Quartz-Calcite Breccia within Quartz-calcite matrix	0.9/0.9		65.3	66.2									
		with lenses and fold noses of Ser-chlorite.													
66.2	96.6	QUARTZ-CALCITE-SER-CHL PHY (Kc). Dull greenish-gray.													
		45% quartz, 40 calc., 10 Ser., 5 chl. Rock massive and firm	2.8/3.9		66.2	70.1									
		well banded. F (2) often wavy or kinky. F (1) well developed	26.5/26.5			96.6									
		locally. F (2) 0-15° undulating. F (1) sub-vert. to vert. to F (2).													
96.6	101.4	QUARTZ-SERICITE-CALC PHYLLITE (Sc). Light Gray with Buff.													
		65% quartz, 30 sericite, 5 calc. Massive and hard.	4.8/4.8		96.6	101.4									
		F (2) 10-15° undulating. F (1) local, poor developed.													
101.4	106.3	QUARTZ-SERICITE-CALCITE-CHLORITE PHY (Kc). Dull green-gray.													
		Similar to 66.2-96.6m except ser-calcite in last 0.5m.	4.9/4.9		101.4	106.3									
106.3	121.9	QUARTZ-SER-CALC+BIOTITE (Sk). Medium gray.													
		55-60% quartz, minor local brown biotite. Local X-front	15.6/15.6		106.3	121.9									
		@ 40° to core. F (2) undulating 0-20°. F (1) local, moderately													
		developed, sub-v to F (2). Rock massive and firm.													
	121.9	END OF HOLE.													

DDH: FAGU073 -- 132 DEGREE PROFILE

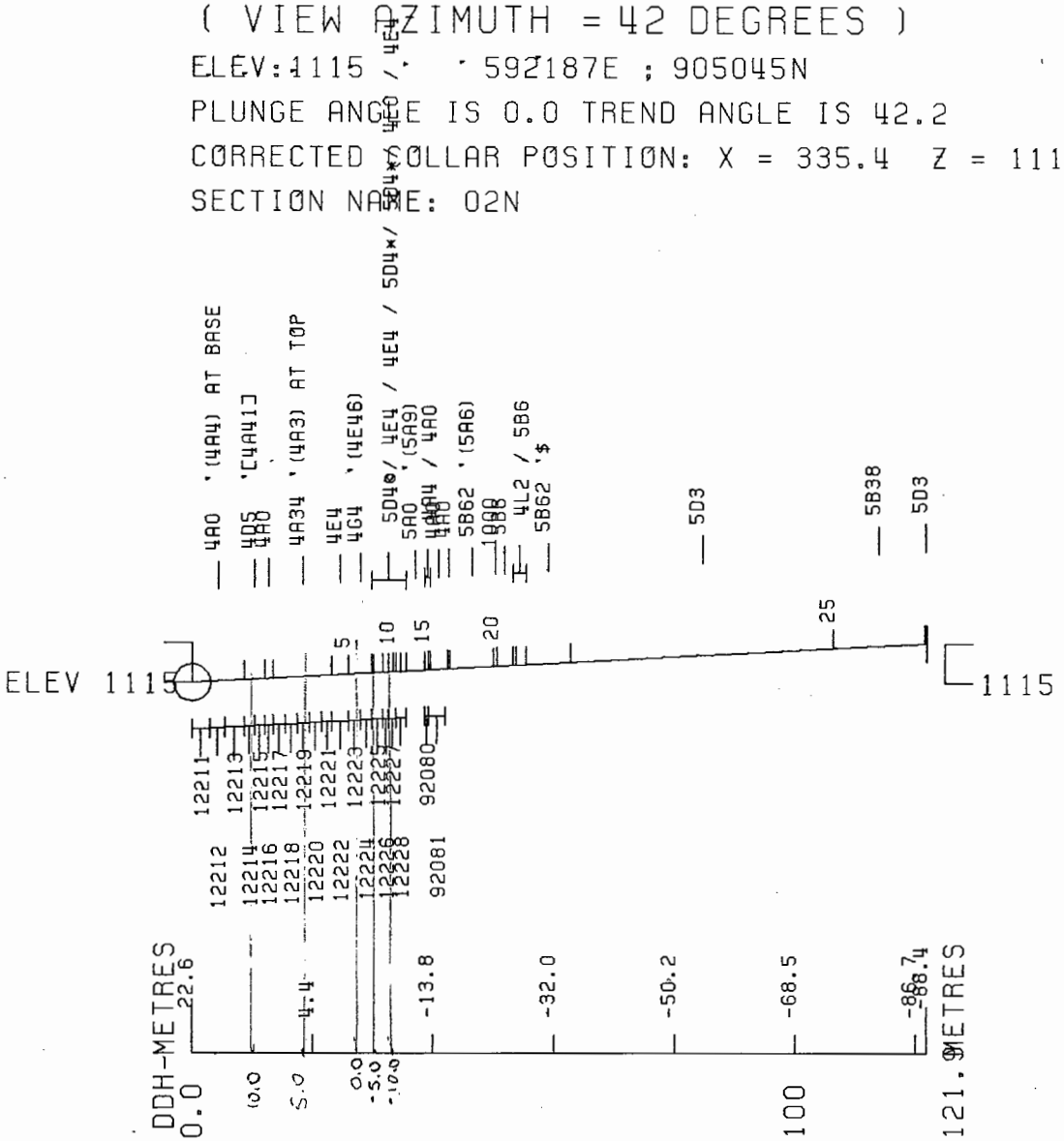
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1115 / 592187E ; 905045N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 335.4 Z = 1115.4

SECTION NAME: 02N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 9 JUL 1985 9:10 AM

DDH: FAGU073 -- 132 DEGREE PROFILE

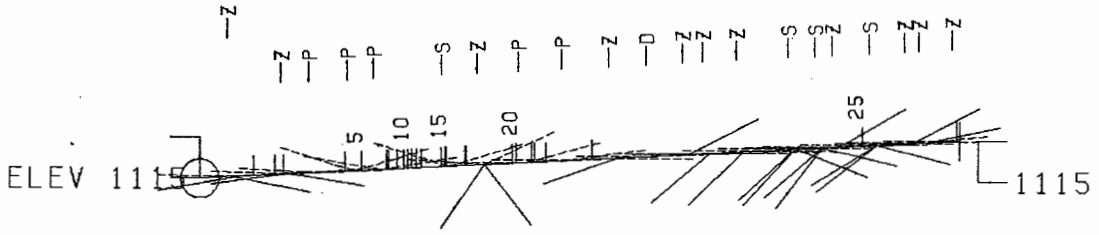
(VIEW AZIMUTH = 42 DEGREES)

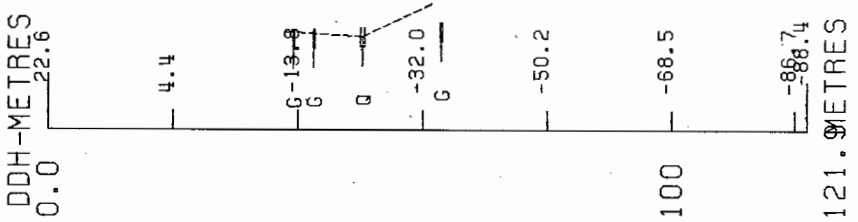
ELEV:1115 592187E ; 905045N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 335.4 Z = 1115.4

SECTION NAME: 02N





CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 9 JUL 1985 9:01 AM