GRUM

SECTION 72W

1 of 4

015027

FAGA019

DRILL HOLE : FAGA019
NORTHING : 904,906.5
EASTING : 592,305.3
ELEVATION : 1,284.9
TOTAL DEPTH : 256.8
SECTION : W 72
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:	6
NOS DOWN-H-LITHOLOGY:	72
NOS DOWN-H-STRUCTURE:	38
NOS DOWN-H-FAULTS:	26
NOS DOWN-H-SPLINES:	6
NOS COMPOSITES:	0

DDH: FAGA019 UTM-N: 904,906.5 UTM-E: 592,305.3 UTM-ELEV: 1,284.9 TOTAL DEPTH: 256.8 SECTION: W 72
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.
102.4	103.8	90179	1.4	1.4	4CO		.22	1.85	1.92		47.30	.69									
103.8	105.3	90180	1.5	1.5	4CO		.13	1.18	1.02		11.00	.17									
105.3	108.2	90181	2.9	2.9	4CG4		.11	6.68	5.64		109.00	.69									
134.7	135.9	90182	1.2	1.2	5AD		.02	.05	.17		1.40	.17									
135.9	137.8	06533	1.9	1.8	4A13		.11	3.12	4.71	55.00											
137.8	139.6	90183	1.8	1.8	4A13		.17	1.15	2.00	31.50		.69									
139.6	142.4	90184	2.8	2.8	4EO		.34	.38	.60	21.90		.34									
142.4	145.5	90185	3.1	3.0	4ED4		.07	7.35	9.36		139.90	1.37									
145.5	147.8	90186	2.3	2.3	4CO		.18	.25	.82		14.40	.69									
147.8	150.3	90187	2.5	2.5	4CO		.14	2.28	1.60		34.30	.34									
150.3	152.4	90188	2.1	2.1	4A13		.06	4.95	6.96		60.30	.34									
152.4	155.1	06534	2.7	2.4	4A1	2.97	.09	1.46	2.50	23.00	19.00	.55	1	6	7						
155.1	157.3	06535	2.2	2.1	4A1	3.40	.07	.28	.39	8.00		.34	3	3	7						
157.3	158.5	06536	1.2	1.2	4A1	3.16	.06	.16	.16	6.00		.27	4	5	9						
158.5	160.5	06537	2.0	2.0	4A1	2.94	.04	1.26	1.62	14.00	13.00	.41	2	3	5						
161.9	163.7	90189	1.8	.3	4L14		.11	2.25	4.68		58.30	.69									
163.7	164.6	90190	.9	.5	4E4		.23	4.35	6.84		56.20	.69									
164.6	165.5	90191	.9	.8	4E4		.21	7.55	12.72		111.80	.69									
165.5	166.7	90192	1.2	1.2	4E4		.11	3.15	4.74		50.10	.69									
166.7	168.2	90193	1.5	1.2	4E4		.11	2.05	3.72		38.40	.69									
168.2	169.8	90194	1.6	1.6	4E4		.10	2.28	3.90		53.50	.69									
169.8	171.3	90195	1.5	1.5	4E4		.10	2.50	6.24		52.10	.69									
171.3	172.8	90196	1.5	1.5	4E4		.18	4.50	9.48		76.80	.69									
172.8	174.4	90197	1.6	1.6	4E4		.25	4.74	8.64		76.80	.69									
174.4	175.9	90198	1.5	1.5	4E4		.17	5.78	10.20		109.70	1.37									
175.9	176.7	90199	.8	.8	4E4		.05	3.08	5.76		67.90	.69									
176.7	177.8	90200	1.1	1.1	4L14		.03	1.85	3.33		46.60	.34									
183.4	183.9	06538	.5	.5	4G#	4.35	.06	1.80	5.52	46.00	44.00	1.44		20	21						
194.2	197.2	90201	3.0	2.9	4D45		.20	9.15	15.36		137.80	2.06									
197.2	198.4	90202	1.2	1.2	4E1		.29	1.90	2.88		27.40	.34									
198.4	200.9	90203	2.5	2.5	4E14		.26	5.70	9.49		90.50	1.37									
200.9	202.5	90204	1.6	1.6	4E14		.33	2.70	3.30		50.70	1.37									
202.5	205.3	90205	2.8	2.8	4E14		.29	2.93	4.14		55.90	.69									
205.3	207.6	06539	2.3	.8	4A31	3.61	.32	.38	1.09	17.00		.82	2	20	22						
207.6	208.4	90206	.8	.8	4A13		.42	.08	.37	16.50		.34									
208.4	210.3	06540	1.9	1.8	4CO	3.70	.25	.15	1.65	13.00		1.37	2	20	23						
210.3	212.5	06541	2.2	2.1	4CO	3.58	.25	.11	.62	13.00		.82	3	19	23						
212.5	214.6	06542	2.1	2.1	4A13	3.35	.35	.05	.16	13.00		.41	2	17	19						
214.6	216.6	06543	2.0	2.0	4A13	3.54	.35	.13	.13	10.00		.82	2	22	24						
216.6	218.8	06544	2.2	2.2	4A14	3.50	.12	2.74	4.53	37.00		1.17	1	17	18						
218.8	222.2	06545	3.4	2.1	4A13	3.43	.31	.16	.71	12.00		.55	1	19	20						
222.2	224.9	06546	2.7	1.2	4CO	3.43	.21	.09	4.02	12.00		.55	4	14	19						
224.9	226.8	06547	1.9	1.5	4CO	3.50	.38	.07	3.24	12.00		.55	3	18	22						
226.8	229.5	06548	2.7	1.5	4CO	3.69	.27	1.60	2.09	34.00	31.00	1.58	2	24	26						
WEIGHTED AVERAGE																					
102.4	108.2		5.8	5.8			.14	4.09	3.54		68.76	.55									

DDH: FAGA019 UTM-N: 904,906.5 UTM-E: 592,305.3 UTM-ELEV: 1,284.9 TOTAL DEPTH: 256.8 SECTION: W 72
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.
134.7	160.5		25.8	25.2		.97	.12	2.16	2.90	13.07	29.38	.51		1	2						
161.9	177.8		15.9	13.6			.13	3.55	6.57		65.77	.72									
183.4	183.9		.5	.5		4.35	.06	1.80	5.52	46.00	44.00	1.44		20	21						
194.2	229.5		35.3	29.1		2.33	.27	1.97	3.76	11.95	28.15	.97	1	12	14						

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

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
70.200	176.900	118.500
97.600	174.900	98.500
154.700	172.400	98.000
200.500	173.000	118.000
212.600	172.500	112.000

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DEPTH	UNIT	CODE	DESC		RECOVERY	IND
13.4	0001	#			0.5-	1
27.4	0002	5B0			0.5-	1
29.3	0003	5B20			0.5-	1
34.1	0004	5B0			0.5-	1
36.3	0005	5B20	(10Q0) MINOR		0.5-	1
37.9	0006	5D0			0.5-	1
39.6	0007	5B20			0.5-	1
40.6	0008	5D0			0.5-	1
42.9	0009	5B20			0.5-	1
45.8	0010	5B0			0.5-	1
46.2	0011	5D0			0.5-	1
56.5	0012	5B20			0.5-	1
61.5	0013	5B0			0.5-	1
62.6	0014	5B0	BXA		0.5-	1
71.6	0015	5B20			0.5-	1
72.9	0016	5D0			0.5-	1
77.7	0017	5B0			0.5-	1
79.4	0018	5B80			0.5-	1
80.2	0019	5D0			0.5-	1
84.1	0020	5B80			0.5-	1
84.9	0021	5D0			0.5-	1
87.6	0022	5B80			0.5-	1
90.2	0023	5D0	(5B80)		0.5-	1
99.5	0024	5B80			0.5-	1
100.1	0025	5D0			0.5-	1
100.9	0026	5B0			0.5-	1
102.4	0027	5B20			0.5-	1
106.4	0028	4C0	(4L7)	NO CORE	0.5-	1
108.2	0029	4G48	(4L79)?	NO CORE	0.5-	1
109.4	0030	4L0			0.5-	1
112.4	0031	5B0	-> (5B80)		0.5-	1
113.8	0032	5D0	(5B80) MINOR		0.5-	1
115.2	0033	5B80			0.5-	1
116.3	0034	5D0			0.5-	1
127.6	0035	5B80	(5D0) MINOR		0.5-	1
130.5	0036	5B20	(5A0) (5D4@)		0.5-	1
132.7	0037	4L#			0.5-	1
135.9	0038	5A0			0.5-	1
137.8	0039	4A13	4 -> (4C5) (4E0) MINOR		0.5-	1
139.6	0040	4A13		NO CORE	0.5-	1
142.4	0041	4E0	POROUS	NO CORE	0.5-	1
143.2	0042	4E4		NO CORE	0.5-	1
144.8	0043	4E1		NO CORE	0.5-	1
145.5	0044	4D4	5 [4A4]	NO CORE	0.5-	1
150.9	0045	4CC	[4A13]	NO CORE	0.5-	1
152.4	0046	4A13	4 [4D4]		0.5-	1
160.5	0047	4A1	[4C5?]		0.5-	1
161.2	0048	4A0?	BXA		0.5-	1
162.0	0049	5C3			0.5-	1
163.7	0050	4L14	BXA	NO CORE	0.5-	1
164.6	0051	4E4	POROUS	NO CORE	0.5-	1

DDH: FAGA019 UTM-N: 904,906.5 UTM-E: 592,305.3 UTM-ELEV: 1,284.9 TOTAL DEPTH: 256.8 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC		RECOVERY	IND
176.7	0052	4E4		NO CORE	0.5-	1
178.2	0053	4L17	4	NO CORE	0.5-	1
178.6	0054	4L0	->(4E4*)->(5C4)->(4K0)	NO CORE	0.5-	1
183.4	0055	4L1	FAULT		0.5-	1
183.9	0056	4G#			0.5-	1
187.8	0057	5A6	GOUGE		0.5-	1
189.0	0058	5A6			0.5-	1
191.0	0059	5A6	GOUGE		0.5-	1
194.2	0060	5B26			0.5-	1
195.5	0061	4A4	[4D45]	NO CORE	0.5-	1
196.9	0062	4D4	(4E4)	NO CORE	0.5-	1
205.3	0063	4E1	&4 [4D3 &4]	NO CORE	0.5-	1
207.6	0064	4A31	[4C5?]		0.5-	1
208.4	0065	4A13	PB ISOTOPES	NO CORE	0.5-	1
212.5	0066	4C0			0.5-	1
222.2	0067	4A13	&4		0.5-	1
226.8	0068	4C0			0.5-	1
229.5	0069	4C0	(4D0) (4D5)		0.5-	1
251.8	0070	5B6	GOUGE [3G0]		0.5-	1
252.5	0071	5B26	[3G9]		0.5-	1
256.9	0072	5B6	[3G0]		0.5-	1

DDH: FAGA019 UTM-N: 904,906.5 UTM-E: 592,305.3 UTM-ELEV: 1,284.9 TOTAL DEPTH: 256.8 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	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA019	0.0	15.5	CS2		0	0	0	0	57	230	0	1	1	1
FAGA019	0.0	20.4	CS2		0	0	0	0	59	230	0	1	1	1
FAGA019	0.0	24.8	CS2		0	0	0	0	60	230	0	1	1	1
FAGA019	0.0	29.3	CS2		0	0	0	0	71	230	0	1	1	1
FAGA019	0.0	33.8	CS2		0	0	0	0	56	230	0	1	1	1
FAGA019	0.0	38.0	CS2		0	0	0	0	71	230	0	1	1	1
FAGA019	0.0	42.4	CS2		0	0	0	0	74	230	0	1	1	1
FAGA019	0.0	46.6	CS2		0	0	0	0	78	230	0	1	1	1
FAGA019	0.0	51.0	CS2		0	0	0	0	66	230	0	1	1	1
FAGA019	0.0	55.0	CS2		0	0	0	0	82	230	0	1	1	1
FAGA019	0.0	62.9	CS2		0	0	0	0	55	230	0	1	1	1
FAGA019	0.0	67.3	CS2		0	0	0	0	72	230	0	1	1	1
FAGA019	0.0	71.3	CS2		0	0	0	0	68	230	0	1	1	1
FAGA019	0.0	75.7	CS2		0	0	0	0	60	230	0	1	1	1
FAGA019	0.0	79.7	CS2		0	0	0	0	59	230	0	1	1	1
FAGA019	0.0	83.3	CS2		0	0	0	0	58	230	0	1	1	1
FAGA019	0.0	88.4	CS2		0	0	0	0	64	230	0	1	1	1
FAGA019	0.0	93.0	CS2		0	0	0	0	58	230	0	1	1	1
FAGA019	0.0	97.4	CS2		0	0	0	0	60	230	0	1	1	1
FAGA019	0.0	102.0	CS2		0	0	0	0	69	230	0	1	1	1
FAGA019	0.0	109.4	CS2		0	0	0	0	56	230	0	1	1	1
FAGA019	0.0	114.0	CS2		0	0	0	0	61	230	0	1	1	1
FAGA019	0.0	118.6	CS2		0	0	0	0	73	230	0	1	1	1
FAGA019	0.0	123.1	CS2		0	0	0	0	61	230	0	1	1	1
FAGA019	0.0	127.5	CS2		0	0	0	0	60	230	0	1	1	1
FAGA019	0.0	132.0	CS2		0	0	0	0	65	230	0	1	1	1
FAGA019	0.0	134.7	CS2		0	0	0	0	49	230	0	1	1	1
FAGA019	0.0	137.2	DS2		0	0	0	0	50	230	0	1	1	1
FAGA019	0.0	155.6	CS2		0	0	0	0	65	230	0	1	1	1
FAGA019	0.0	191.4	CS2		0	0	0	0	50	230	0	1	1	1
FAGA019	0.0	206.7	CS2		0	0	0	0	66	230	0	1	1	1
FAGA019	0.0	217.3	CS2		0	0	0	0	62	230	0	1	1	1
FAGA019	0.0	231.0	CS2		0	0	0	0	60	230	0	1	1	1
FAGA019	0.0	235.9	CS2		0	0	0	0	80	230	0	1	1	1
FAGA019	0.0	240.2	CS2		0	0	0	0	82	230	0	1	1	1
FAGA019	0.0	244.8	CS2		0	0	0	0	80	230	0	1	1	1
FAGA019	0.0	248.4	CS2		0	0	0	0	60	230	0	1	1	1
FAGA019	0.0	253.3	CS2		0	0	0	0	70	230	0	1	1	1

DDH: FAGA019 UTM-N: 904,906.5 UTM-E: 592,305.3 UTM-ELEV: 1,284.9 TOTAL DEPTH: 256.8 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
FAGA019	0.0	30.7	XG			0	0	30	0	0	0	1
FAGA019	0.0	47.5	1G			0	0	0	0	0	0	1
FAGA019	61.5	61.7	XF			0	0	0	0	0	0	1
FAGA019	61.7	62.6	RPF	3		0	0	1	0	0	0	1
FAGA019	0.0	66.7	J			0	0	1	0	0	0	1
FAGA019	68.7	68.8	XQ			0	0	0	0	62	0	1
FAGA019	0.0	88.2	1GB			0	0	0	0	0	0	1
FAGA019	102.3	108.2	NNN			0	0	0	0	0	0	1
FAGA019	0.0	117.3	1G			0	0	0	0	0	0	1
FAGA019	0.0	119.5	1G			0	0	0	0	0	0	1
FAGA019	132.7	134.1	XQ			0	0	0	0	0	0	1
FAGA019	139.6	152.4	NNN			0	0	0	0	0	0	1
FAGA019	160.9	161.1	G			0	0	0	0	0	0	1
FAGA019	160.5	161.2	X			0	0	0	0	0	0	1
FAGA019	0.0	161.5	X			0	0	0	0	0	0	1
FAGA019	161.9	163.6	X			0	0	0	0	0	0	1
FAGA019	161.9	176.6	NNN			0	0	0	0	0	0	1
FAGA019	178.5	183.3	GQ			0	0	18	0	0	0	1
FAGA019	0.0	183.8	1X			0	0	0	0	0	0	1
FAGA019	183.8	187.7	GP	3		0	0	0	0	0	0	1
FAGA019	188.9	190.9	GP	1		0	0	0	0	0	0	1
FAGA019	194.1	205.2	NNN			0	0	0	0	0	0	1
FAGA019	207.5	208.4	NNN			0	0	0	0	0	0	1
FAGA019	222.1	226.7	XD?			0	0	0	0	0	0	1
FAGA019	232.4	232.5	G			0	0	0	0	0	0	1
FAGA019	247.3	247.4	G			0	0	0	0	45	180	1

DDH: FAGA019 UTM-N: 904,906.5 UTM-E: 592,305.3 UTM-ELEV: 1,284.9 TOTAL DEPTH: 256.8 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA019	1	2
FAGA019	2	2
FAGA019	3	2
FAGA019	4	2
FAGA019	5	2
FAGA019	6	1

CYPRUS ANVIL MINING CORPORATION

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DIAMOND DRILL CORE LOG

Date: 6/11/81

Hole Number: FAG-A019

Project: Grum Relog

Location: Vangorda Plateau

Claim:

~~Terr.Plane~~ UTM
Co-ords.: 6904906.5 N

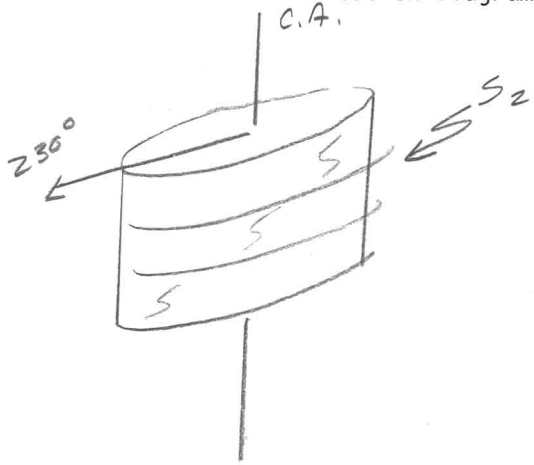
1979 NIW Survey - Vangorda Plateau
592305.3 E

Grid
Co-ords: 72W/2N

Elevation: 1284.9

Total Depth: 843.0 ft

Reference Fabric Orientation Diagram:



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

Purpose:

Reason hole Terminated:

Logged by: JSM

Date(s) Logged: 6/10/81 - 6/11/81

Drilling Contractor:

CORE Size	From	To
BQ	44.0	84.3

Collar Cased and Capped: ____

Hole Cemented:

Steel down hole:

Started: 7/12/74 Completed: 7/19/74

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH FAGA019

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	FAGA019	1284.9	9049065.5	5923053.3	FEET

Feet

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGA019	0 0	180.0	0.0	ATCOLLAR
R	FAGA019	2301.0	176.9	118.5	CALCULATED FROM
R	FAGA019	3201.0	174.9	98.5	A610 & A211
R	FAGA019	5071.5	172.4	98.0	
R	FAGA019	6571.8	173.0	118.0	
R	FAGA019	6971.5	172.5	112.0	
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 FAG.A0.19 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: JSM

	Code	From	To (feet)	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
13.4	L	0	414 0		1		O/B
27.4	L	414 0	900		2	5B10	strongly calc, grey phyllite } gradational ctcs
29.3	L	900	916 0		3	5B12	strongly calc, }
34.1	L	916 0	1112 0		4	5B10	
36.3	L	1112 0	1119 0		5	5B12	minor QQO, lower ctc // Sz
37.9	L	1119 0	1214 3		6	5D13	green massive-laminated, [5F?]. Lower ctc intercalated w/ #7
39.6	L	1214 3	1310 0		7	5B12	lower ctc not preserved
40.6	L	1310 0	1333		8	5D13	green massive, slight w.m. devel., Lower ctc = QQO
42.9	L	1333	1410 8		9	5B12	lower ctc gradational, // Sz
45.8	L	1410 8	1510 3		10	5B10	lower ctc grad.
46.2	L	1510 3	1511 7		11	5D13	massive green, lower ctc sharp, // Sz
58.5	L	1511 7	1815 5		12	5B12	1" gouge @ 156'
							158.8-159.4 5AO intbd
							gradational lower ctc
61.5	L	1815 5	2011 9		13	5B10	still minor graphite locally
62.6	L	2011 9	2054		14	5B10?	fault? well healed, calcareous matrix-supported bxia of phyllite fragments to 202.5 then rubble to 205.4 (only ~ 30% recovery in rubble)
71.6	L	2054 (6' 2" / 68.73 m)	2315 0		15	5B12	C-content increased 222'-230' almost 5AO.
							225.5-225.9 (68.85 m) crackle bxia of CO_3 = frags in graphitic-phyllitic matrix (fragment-supported bxia). lower ctc = QQO
72.9	L	2315 0	2319 2		16	5D13	green massive-laminated [5F?] Lower ctc gradational
77.7	L	2319 2	2550		17	5B10	becoming slightly chloritic @ EOT, gradational lower ctc
79.4	L	2550	2604		18	5B18	gradational lower ctc
80.2	L	2604	2630		19	5D13	lower ctc grad.
84.1	L	2630	2760		20	5B8	lower ctc broken
84.9	L	2760	2787		21	5D13	different somehow, sericitic?, laminated
87.6	L	2787	2815		22	5B8	
90.2	L	2815	2960		23	5D13	(5B8) cm gouge + broken core @ 289.4
99.5	L	2960	3264		24	5B8	lower ctc // Sz
	L	3264	3284		25	5D13	lower ctc broken, probably // Sz
	L	3284	3310		26	5B10	
	L	3310	3358		27	5B12	C-content increase downward

sub vertical cc filled tension gashes @ 219'

C. A. M. C. 1981 – E-3

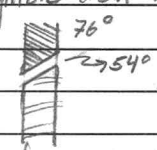
DDH FAGA019 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 4 of 13

Date: _____ Logged By: JSM

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	3358	3490		28	4C0	(4L7) Core taken for met tests. Liths interp'd from KA
L	3490	3550		29	4G48	logs. Unit 28 highly questionable. A small
						chip of 4G48 remains in box tho they failed
						to mention mgt.
						Note: visual estimate of Cu = 0.18% (4L79?)
						and they assayed this hole for Cu + Au
L	3550	3590		30	4L0	gradational lower ctc // S_2, loss of w.m. & appearance
						of $CO_3^=$
L	3590	3688		31	5B0	strongly calc; becoming chloritic @ EOI (5B8), L ctc // S_2
L	3688	3732		32	5D3	green massive w/ cc. bands; minor (5B8)
						sharp lower ctc // S_2
L	3732	3778		33	5B8	strongly chloritic but blue green compared to the more
						olive green of 5D & more phyllitic than the massive
						texture of 5D.
						lower ctc possible fault ctc? 
L	3778	3816		34	5D3	massive green w/ white cc bands & occasional qtz bands
						lower ctc // S_2
L	3816 (116.3 m)	4186		35	5B8	as unit 33 + minor 5D3 intbds
						0.3 ft gouge @ 385 (117.35 m) (at the end of a run, drilling prob?)
						Minor gouge @ 392.3 (119.6 m) → foreign rock?
						clast of calc grey massive rock w/ cc bands ~5 cm. post (m) because
						it is banded differently from host. Minor calc. tension gashes
						Lower ctc gradational
L	4186	4280		36	5B2	(5A) (5D4 * ank) grad. lower ctc
L	4280	4354		37	4L5	calcareous (cc) bleached phyllite (w.m.)
L	4354 (132.7 m)	4460		38	5A0	variably calc, crackle bxia infilled w/ qtz to 440. (134.1 m)
						core broken by splitting to the end of interval. Lower ctc broken
L	4460	4520		39	4A13	very graphite poor (→ 4C5) 2 small intbds (4E0)
L	4581	4673		40	4E0	(4E porous?? they say vuggy) → no core, either
L	4673	4697		41	4E4	
L	4697	4750		42	4E1	No core, Met tests
L	4750	4773		43	4D4	(5?) [4A4] Liths interp from KA logs
L	4773	4950		44	4C0	[4A13?]
L	4950	5000		45	4A13	?? "folded, contorted, bxiated w/ graphitic
						threads" So, are 43, 44, 45 all 4A???

458.1

DDH F.A.G.A.0.1.9 (2 … 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 5 of 13

Date: _____ Logged By: JSM

Code	From	To	Recov.	No.	Unit	Description
1	10 … 14	16 … 20	22 … 24	26 … 28	30 … 34	35
L	5000	5267		46	4A1	(+3G2 finely interbanded) lower ctc faulted
L	5267 (160.5 m)	5290		47	4A?	? silicified bxia (qtz frags (+1 py frag) in slightly calcareous graphitic siliceous matrix
						gouged 528-528.7 (160.9m 161.15m)
L	5290	5314		48	5C3	streaked out mottles w/ minor mariposite blebs
						fracture w/ slippage running thru here (Stp)
						 becoming bxiated @ EOT
L	5314	5370		49	4L14	bxia ??
L	5370	5400		50	4E4	porous ? } no core, met tests, Lith interp from KA logs
L	5400	5797		51	4E4	
L	5797	5858		52	4L174?	
L	5848	5858		53	4EL	4L → 4E4* → 5C4 → 4K
L	5858	6017		54	4L1?	? fault? alternations of OQO, gouge, 4L ~ 1/3 : 1/3 : 1/3 lower ctc = broken OQO
L	6017	6033		55	4G4*	cc. Possible offset @ 602.5, slight bxia @ EOT
L	6033	6160		56	5A?	Fault. gouge (+sand @ 612) 3.5'/11.7' recovered
L	6160	6200		57	5A6	+OQO broken @ EOT
L	6200	6265		58	5A?	1.2'/6.5' recovered grey gouge. Fault
L	6265	6370		59	5B26	
L	6370	6415		60	4A4	+3G2 } ? No core, met tests, Liths interp
L	6415	6735	646.0	61	4D4	(4E4) } 0 from KA logs
	6460	6735			4E1	±4 [4D0?]
L	6735	6810		62	4A31	
L	6810	6838		63	4A13	? No core, sampled for Pb isotopes
L	6838	6973		64	4C0	(minor sericite)
L	6973	7290		65	4A13	±4 minor local finely interbanded 3G2
L	7290	7440		66	4C0	bxiated, vuggy, oxidized
L	7440	7530		67	4D0	(4D4) (4D45) ± sericite 762.5-763
L	7530 (2295 m)	8260		68	5B6	gouge: 762.5-763.0 (232.4m 232.56m); 811.4-812.0 (247.3 247.5) [3G0]
L	8260	8284		69	5B26	[3G9]

DDH F.A.G.A.0.1.9 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 6 of 13

Date: _____ Logged By: JSM

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	8284	8430		70	5B6	[3G0]
		EOH				

DDH E.A.G.A.0.1.9 (2 8)

Cyprus Anvil Mining Corp.
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		507	CS2				57 230	
S		670	CS2				59 230	
S		813	CS2				60 230	
S		960	CS2				71 230	
30.7		100						100.8' 5cm bxia+gouge 30°/230°
S		1110	CS2				56 230	
S		1248	CS2				71 230	
S		1390	CS2				74 230	
S		1530	CS2				78 230	
S		1673	CS2				66 230	
S		1806	CS2				82 230	att. on fault @ 202 is vertical
61.6 S		2065	CS2				55 230	
S		2208	CS2				72 230	
68.9								@ 226 lower ctc of crackle bxia
								// S_2 62°/230°
S		2340	CS2				68 230	
S		2482	CS2				60 230	
S		2615	CS2				59 230	
S		2732	CS2				58 230	
S		2900	CS2				64 230	
S		3050	CS2				58 230	
S		3194	CS2				60 230	
S		3346	CS2				69 230	
S		3590	CS2				56 230	
S		3740	CS2				61 230	
S		3895	CS2				73 230	
S		4040	CS2				61 230	
S		4183	CS2				60 230	
S		4330	CS2				65 230	
								crackle bxia to 440 irregular
								no top or bottom ctc attitudes
S		4420	CS2				49 230	
S		4500	DS2				50 230	comp bandg sfds
S		5105	CS2				65 230	S_2 in 4A
161.2								@529 lower ctc of bxia = 35° to C.A.
161.5								@530 fault(?) @ 25° to C.A.

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

can't be oriented to S_2

DDH FAGA019 (2–8) **Cyprus Anvil Mining Corp.** Page 8 of 13

Structural Log Date: _____ Logged By: JSM

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip Direct. (28–32)	S_1 Dip Direct. (34–38)	S_2 Dip Direct (40–44)	Description
								585.5-626.5 fault
								no good attitudes possible
S								Possibly 18°/230° @ 600
								Possibly 7° to C.A. @ 602
								— the indication is of a steep fault
S		6280	CS2				50 230	
S		6780	CS2				66 230	S_2 in 4A
S		7130	CS2				62 230	S_2 in 4A
S		7580	CS2				60 230	
								sm. gouge — no attitudes
S		7740	CS2				80 230	
S		7880	CS2				82 230	
S		8030	CS2				80 230	
S		8150	CS2				60 230	
S		8310	CS2				70 230	
								gouge 811.4-812.0 ends in
								fracture 45°/50°
								where S_2 is 80°/230°

178.5
182.9
190.9
247.5

DDH EAGA019 (2 8) Cyprus Anvil Mining Corp

Logged by JSM

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

CODE	FROM FT	TO FT	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
A	14160	14520	165313	60	59	4A13	(4C5) (4E0) 4
A	15010	15088	165314	88	80	4A11	
A	15088	15160	165315	72	70	4A11	
A	15160	15200	165316	40	46	4A11	
A	15200	15267	165317	67	67	4A11	
A	16011	16033	165318	16	16	4G4X	#
A	16735	16810	165319	75	25	4A13	
A	16838	16900	165410	62	58	4C01	
A	16900	16973	165411	73	70	4C01	
A	16973	17040	165412	67	70	4A13	
A	17040	17107	165413	67	67	4A13	
A	17107	17180	165414	73	73	4A13	
A	17180	17290	165415	110	69	4A13	
A	17290	17380	165416	90	39	4C01	bxia
A	17380	17440	165417	60	50	4C01	bxia
A	17440	17530	165418	90	50	4D01	(4D45)

Feet!

FAULT

DDH F.A.G.A.0.1.9. (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		11560	1G					1" gouge
F	12011 9	12012 5	X1F1					well-healed, calcareous matrix,
								bxa of phyllite frags
F	12012 5	12015 4	RAF	3		011 0100		30% recovery of rubble
		12119 0	J1			011 0101 0		subvertical cc-filled tension gashes
F	12125 5	12125 9	X1Q1				612 0100	crackle bxa of $CO_3^=$ frags in
								graphitic phyllite matrix
F		12819 4	1G1B					small gouge & broken core
F		11010 8	X1G			310 0100		5cm bxa & gouge
F	13131 5 8	13155 0	N1N1N					K-A met. sample — no core
F		13815 0	1G1					0.3 ft gouge
F		13912 3	1G1					minor gouge
F	14131 5 4	14140 0	X1Q1					crackle bxa infilled w/ qtz
								INO — irregular attitudes
F	14151 8 1	15100 0	N1N1N					K-A met. sample — no core
F	15121 6 7	15121 9 0	X1					silicified bxa — qtz frags in
								slightly calcareous graphitic
								siliceous matrix — lower cnt. 35° C.A.
F	15121 8 0	15121 8 7	G1					gouged
F		15131 0 0	X1					bxiated — fracture w/ slippage
								25° C.A. — no S_2
F	15131 1 4	15131 7 0	X1					bxa
F	15131 1 4	15171 9 7	N1N1N					No core — K-A met. tests
F	15181 5 8	16101 1 7	G1Q1			118 0100		alternations of 1090, gouge,
								4L
								@ 600 — 18°/000°
								@ 602 — 7°/000°
F		16101 3 3	1X1					slight bxa
F	16101 3 3	16116 0	G1P1	3				gouge 3.5'/11.7' recovery
F	16210 0	16216 5	G1P1	1				gouge 1.2'/6.5' recovery
F	16131 7 0	16171 3 5	N1N1N					No core — KA met. tests
F	16181 1 0	16181 3 8	N1N1N					No core — Pb isotope sample
F	17121 9 0	17141 4 0	X1D1?					bxiated, vuggy, oxidized
F	17161 2 5	17163 0	G1					gouge

Fect

FAULT

DDH FAGA019 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

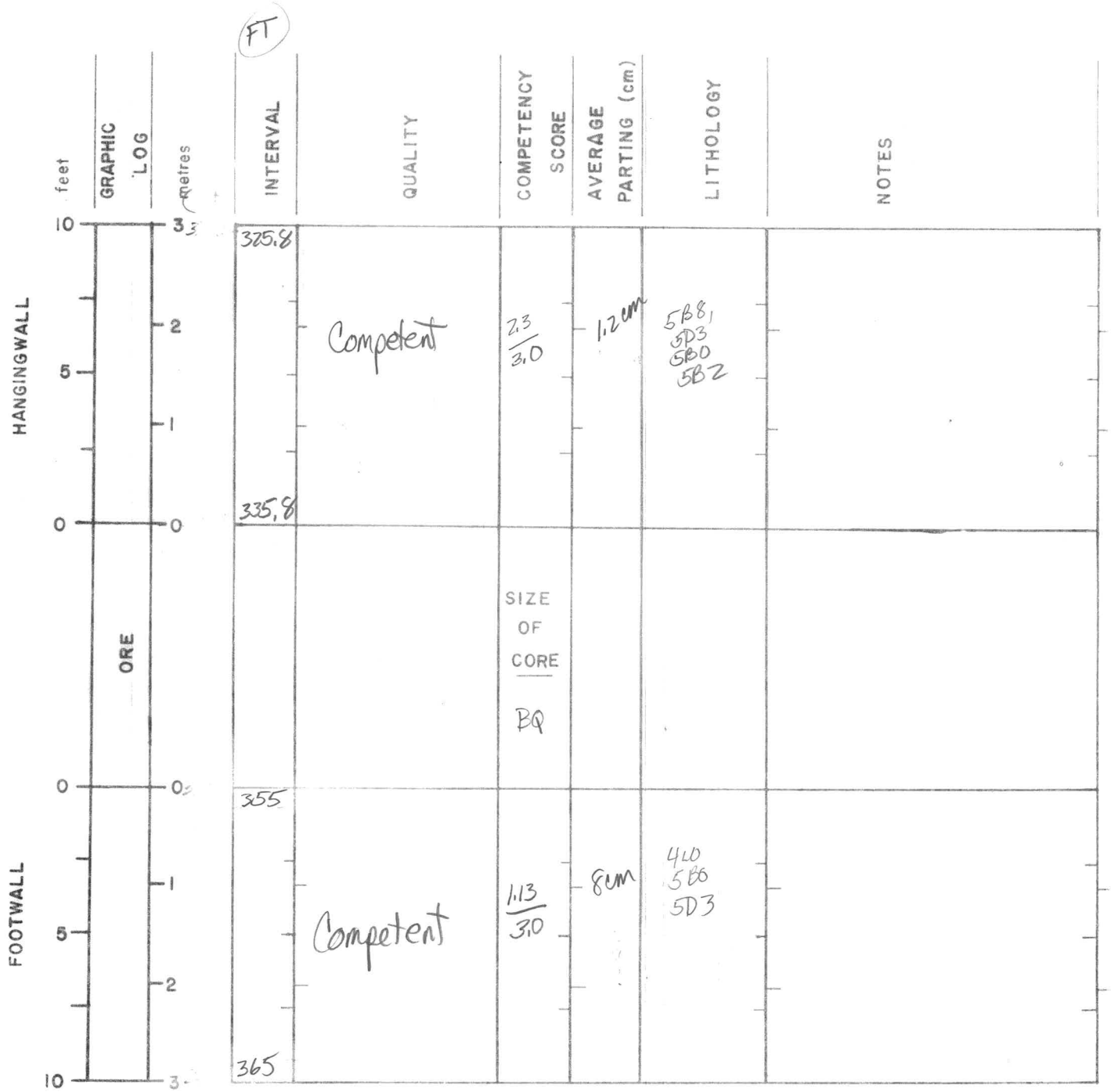
Page _____ of _____

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	181114	181120	G1				415/180	gouge

DDH- F A G A 0 1 9

GEOTECHNICAL LOG



DDH- FIAG1A01119

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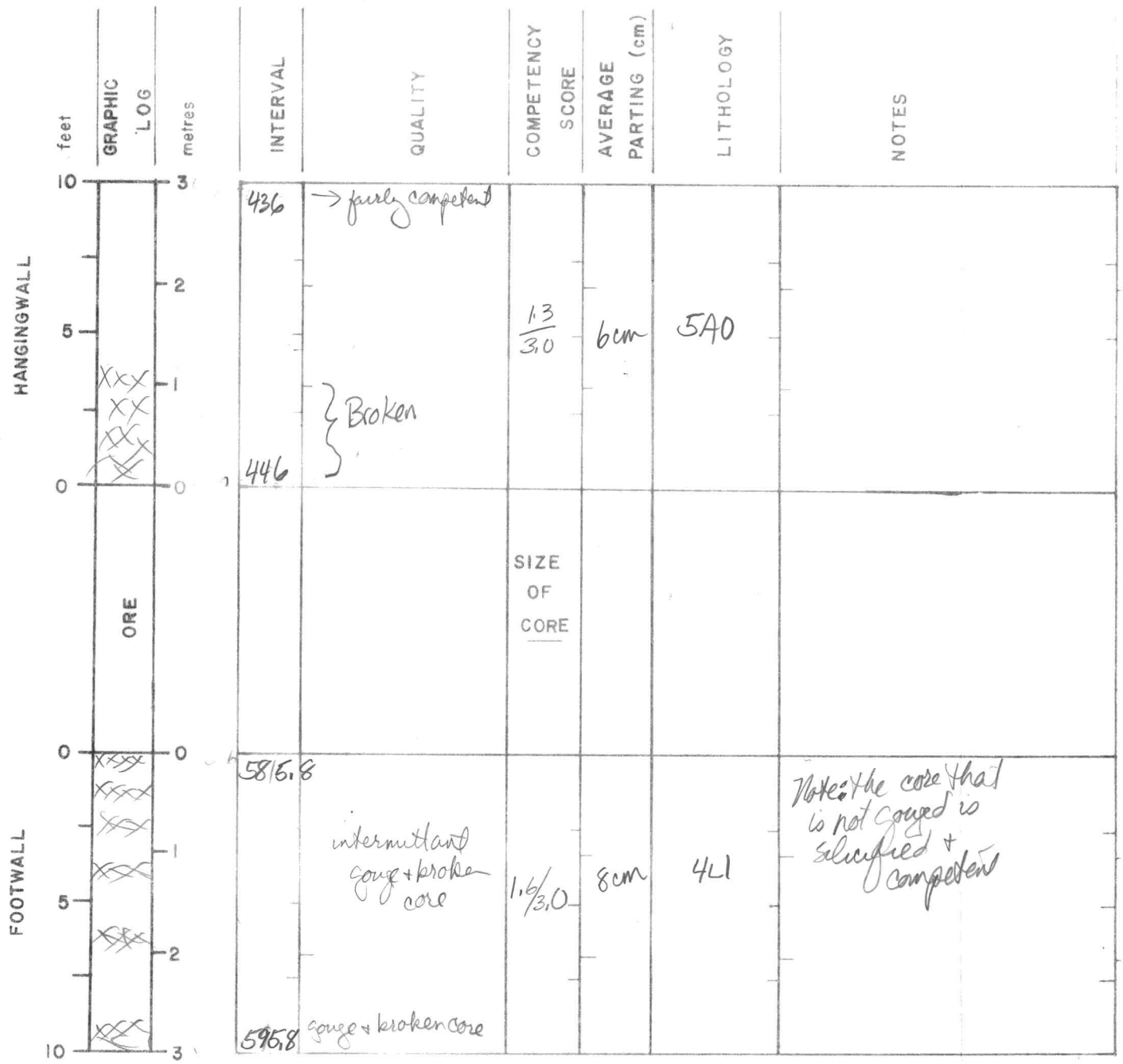

DDH- FIAGA101/91

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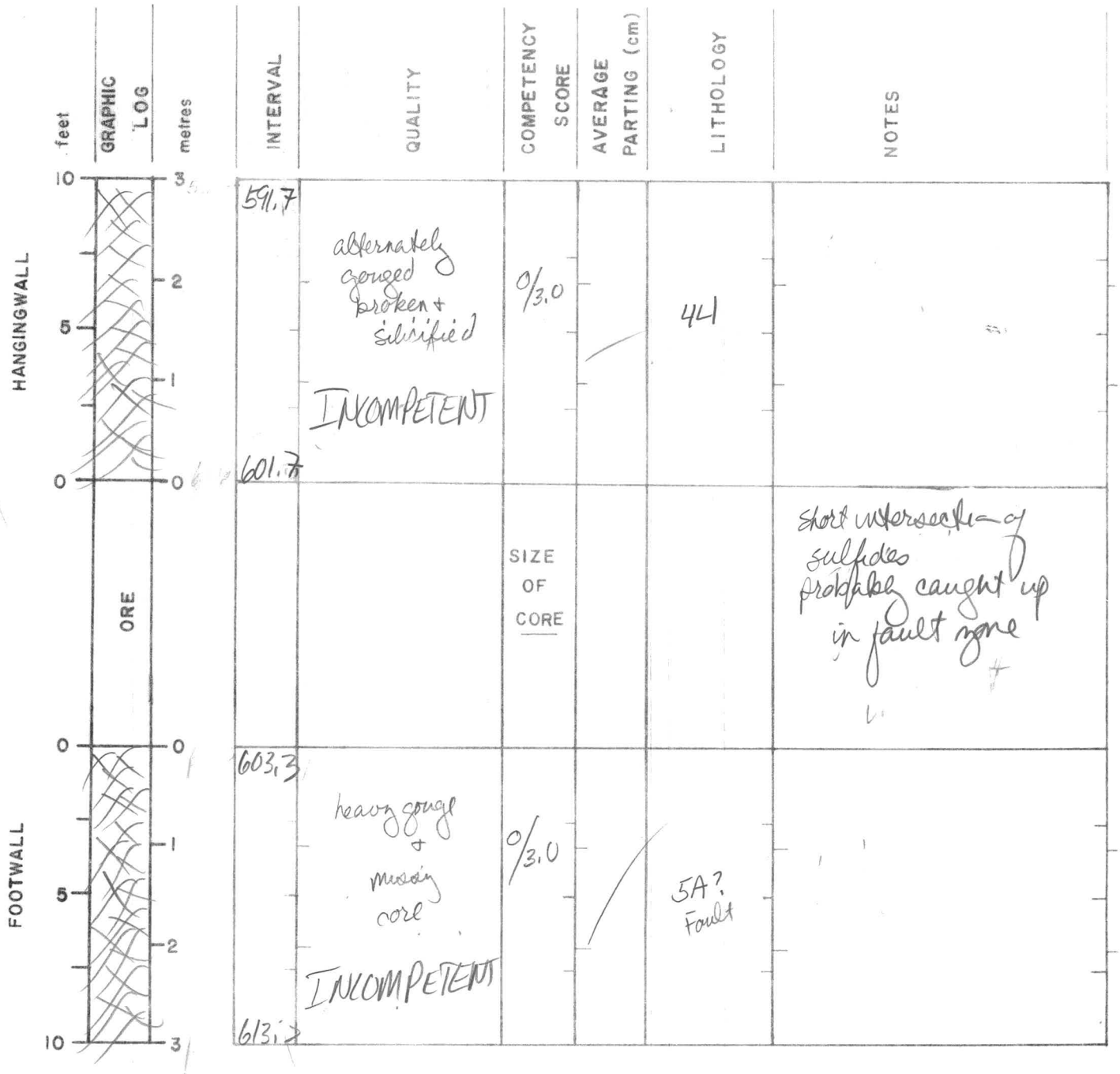

DDH- FAIGIAIOI9

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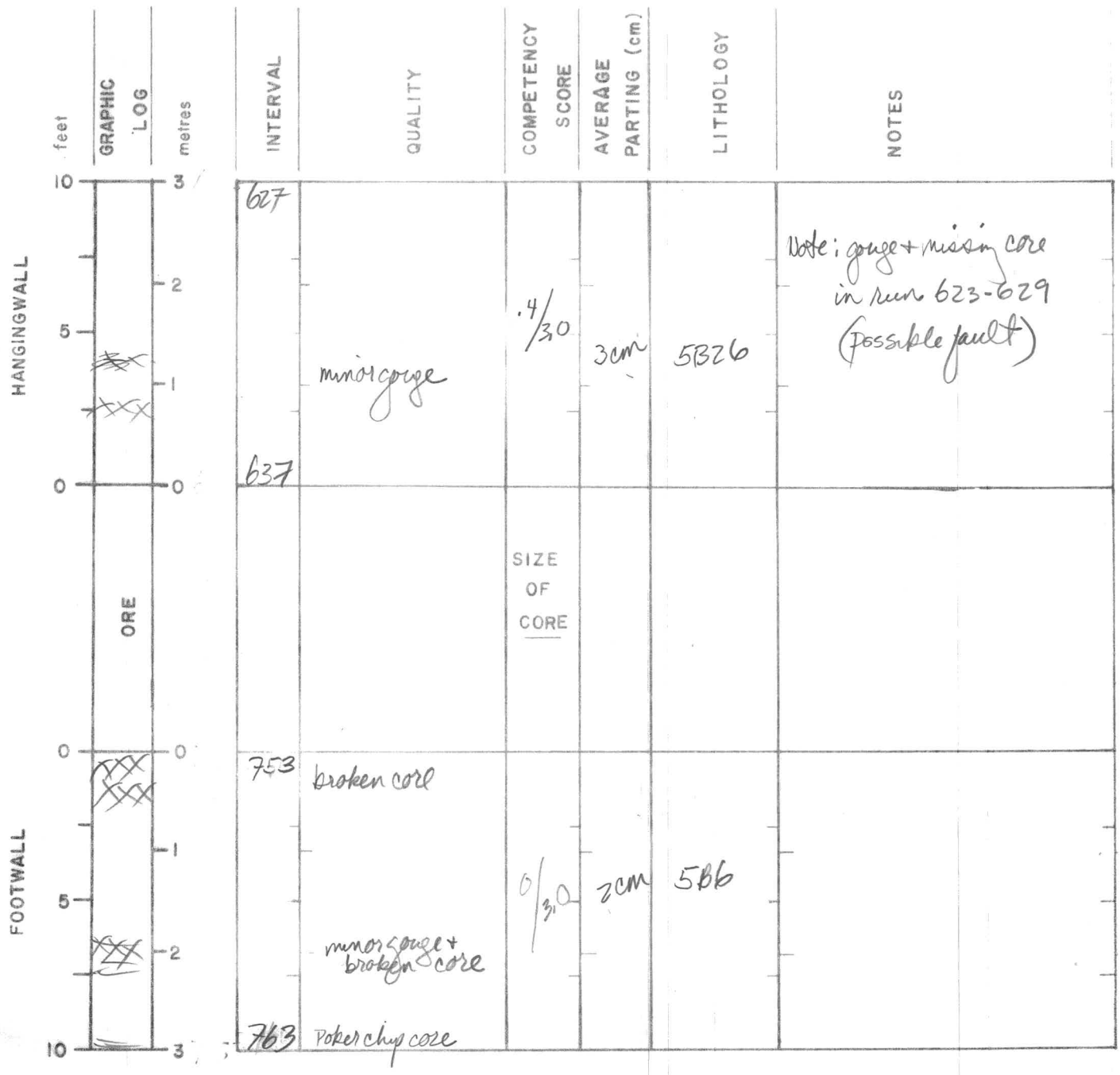


DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY Vangorda - Kerr Addison - AEX - Joint Venture

D.D.H. No. A - 19 PAGE 1 of 5

LATITUDE 10 699.10 N 2+00N BEARING OF HOLE Collar 200' 400' 600' * 118° 97.5° 111.5° STARTED July 12/74 D.S.

CLAIM No. GRUM 3

DEPARTURE 7609.33 E 12W DIP OF HOLE - 90° COMPLETED July 19/74 N.S.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION 735'P.A. Topog. 4208' A.S.L. (1295.52m) DIP TESTS -87° -83.5° -83° DEPTH Proposed: Ultimate: 843' (256.95m)

* Data = approx. Av. of A60 + A21.

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	13.4m 44	OVERBURDEN														
44	44.6 235	QUARTZ-SERICITE PHYLLITE - with minor graphitic threads + 3' bands. Light to medium grey. Banded, with folding increasing from 87' to 235'. Quartzose rock but moderately schistose. Odd bleb of pyrite in F_2, also threads in cross-fractures. C.A. 70°-75° from 44' - 148'; 80-85° from 148-205' with F_1 subvert; F_2 at 15-30° to core from 205-222'; from 222-235' F_2 at 75°, F_1 subvertical to F_2 except at 229' at 50°.	42/49 135/142		44 93	93 235										
235	101.4 332.7	QUARTZ-SERICITE PHYLLITE. Light grey quartzose with intermittent 1"-3" quartz veins and chlorite clots parallel F_2. C.A. 60° uniform, F_1 at 60° and subvertical to F_2 occasionally noted	97/97.7		235	332.7										
332.7	102.3 335.8	QUARTZ-GRAPHITE-SERICITE PHYLLITE. Banded dark grey. C.A. 75°. F_1 at 60° and subvertical to F_2	31/31		332.7	335.8										
335.8	359.5 109.5m	MINERALIZED QUARTZ-SERICITE PHYLLITE - Bleach buff colored sericite, banded with thin to 0.7' sections of pyrite with Lead Zinc. Quartzose except heavy barite sections between 349-355'. Average 50% pyrite, 1% pyrrhotite; slightly to highly magnetic in sections. Average 8% Lead and 7% Zinc, .18% copper from 335.8-355'. From 335-359.5 bleached sericite phyllite with .5% pyrite and no noticeable Lead Zinc Copper. C.A. 75°	4.8 5.0 9.4 45/45	051 052 053	335.8 340.6 345.6	340.6 345.6 355 359.5	5.6 5.0 9.4	1.85 1.18 6.68	1.92 1.02 5.64	1.38 .32 3.18 (109 mg)	.02 .005 .02	.22 .13 .11	10.36 5.9	10.75 5.1	7.72 1.6	plot plot
				Wt. Av.	335	345.6	10.6	1.53	1.49	.87			16.26	15.85	9.32	plot
359.5	434.5 134.4	QUARTZ-SERICITE PHYLLITE. 359.5-368' Light grey banded, 80% quartz, C.A. 65°; 368-388' Buff grey banded, 50% quartz C.A. 70° 388-408' Dirty grey banded, 30% quartz C.A. 75°, F_1 at 70° to F_2. Many tiny fractures subvertical to F_2; 408-429.5 as 388-408' but show slight bleaching, also numerous irregular fractures - quartz and ankerite(?) filled. Note one piece .2' sharp fragment of grey quartzose rock (foreign?); 429.5-434.5 totally bleached, quartzy	75/75		359.5	434.5										

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. A - 19 PAGE 2 of 5

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag	
434.5	135.9 446	QUARTZ-GRAPHITE PHYLLITE. Black, sheared, fractured and brecciated. scattered threads and blebs of pyrite (4%), odd speck sphalerite and likely galena.	65/75 4.0	054	434.5 442	442 446	4	.05	.17	.04	.005	.02				
446	161.3 529.3	SULPHIDE ZONE IN GRAPHITIC PHYLLITE. Siliceous. Zone highly contorted, folded and brecciated giving a mottled appearance of sulphide and quartz with threads of graphitic material. Massive pyrite section 458.1-469.5' do not show physical change except being vuggy. One spot slightly magnetic. (Mineralization in both F_1 and F_2; 446-458.1' - 50% pyrite, 35% quartz, 3% Lead, 4% Zinc; 458.1-467.3 - 95% pyrite, 0.5% Lead, 0.5% Zinc; 467.3-469.7' - 90% pyrite, 2% Lead, 6% Zinc; 469.7-475' - 70% pyrite, 1% Lead and Zinc; 475 - 477.3' - 30% pyrite, 10% Lead, 25% Zinc; 477.3 - 495' - 30% pyrite, 2-3% Lead, 3-5% Zinc; 495-507.2' - 10-15% pyrite, 1.5% Lead, 2% Zinc; 507.2-529.3' - 3-5% pyrite, odd specks Lead Zinc, except 521.4-527.4' show narrow bands, threads and spots of Lead Zinc (35%) C.A. 80° at 460'; 60-80° at 470-485'; F_1 at 45° at 487'; 70° at 495'; F_2 at 70° and F_2 at 60° to F_2 at 496-504'; F_1 parrallel to core at 506'; F_2 at 70° and F_1 parallel to core at 512'; 40° at 520.5'; 75° at 524'. Highly brecciated at 527-528' and shear at 528.5'	6.0	055	446	452	6	2.50	4.02	1.70	.02	.14	15.0	24.12	10.2	
			6.1	056	452 (452.0)	458.1 (456.0)	6.1 (4.0)	1.15	2.00	.92	.02	.17	4.6	8.00	3.68	plot
			9.2	057	458.1 (456.0)	467.3	9.2 (11.3)	.38 (1.4 Pb Eq.)	.60	.64	.01	.34				plot
			9.7	058	467.3	477.3	10	7.35	9.36	4.08	.04	.07	70.35	93.60	40.80	plot
			7.6	059	477.3	485	7.7	.25	.82	.42	.02	.18	1.92	6.31	3.23	plot
			8	060	485	493	8	2.28	1.60	1.00	.01	.14	18.24	12.8	8.0	plot
			7.5	061	493	500.5	7.5	4.95	6.96	1.76	.01	.06	37.12	52.2	13.2	plot
			6.7	062	500.5	507.2	6.7	1.33	2.58	.32	.01	.11	3.32	6.45	0.8	plot
			2.8	063	507.2	510	2.8	.60	.33	.28	.01	.09				plot
			11.4 6	064	521.4 521	527.4	6.4	.88	1.14	.29	.005	.04				plot
			1.9		446	529.3 456	10	1.96	3.21	1.39	Wt. Av.		19.6	32.12	13.88	plot
529.3	531.3 161.9	BLEACHED, ALTERED (SERICITE?) PHYLLITE. Buff chalky and foliated with mariposite.	2/2		529.3 493	531.3 503	10	4.05	5.87	1.40	WT. AV.		40.45	58.65	14.0	
531.3	176.6 579.7	MASSIVE SULPHIDE. 95% pyrite, fine grained, partly vuggy, also (leached?) open seams, porous and granular, disseminated with granular light brown ankerite?	.9	065	531.3	537	5.7	2.25	4.68	1.70	.02	.11	12.83	26.68	9.69	plot
			1.5	066	537	540	3	4.35	6.84	1.64	.02	.23	13.05	20.52	4.92	
		531.3-537' - fault or shear zone .4' of sheared and loosely cemented sericite, quartz and minor sulphite, plus .5' of loosely	2.5	067	540	543	3	7.55	12.72	3.26	.02	.21	22.65	38.16	9.87	
					531.3	543	11.7	4.15	7.30	2.08	WT. AV.		48.53	85.36	24.39	plot
					467.3	500.5	33.2	4.07	4.97	1.91	WT. AV.		134.99	164.91	65.33	plot

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. A - 19 PAGE 3 of 5

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	
		cemented sulphite in quartz and pieces of pyrite and quartz, 4% Lead and Zinc.	4	068	543	547	4	3.15	4.74	1.46	.02	.11	12.50	18.96	5.84	
		537 - 540' - Massive pyrite and loosely recemented pyrite, minor Lead Zinc	5	069	547	552	5	2.05	3.72	1.12	.02	.11	10.25	18.60	5.60	
		540 - 543' - Massive pyrite with Lead and Zinc, 3 Lead, 10 Zinc.	5	070	552	557	5	2.28	3.90	1.56	.02	.10	11.40	19.50	7.80	
		543 - 579.7 - Massive pyrite, fine grained Lead Zinc, in blebs and streaks, difficult to see on core surface, difficult to estimate grade. Guesstimate 3 Lead and 4.5 Zinc	5	071	557	562	5	2.50	6.24	1.52	.02	.10	12.50	31.20	7.60	
		C.A. 50° at 541', 558'; 75° at 571'	5	072	562	567	5	4.50	9.48	2.24	.02	.18	22.50	56.40	11.20	
			5	073	567	572	5	4.74	8.64	2.24	.02	.25	23.70	43.20	11.20	
			5	074	572	577	5	5.78	10.20	3.20	.04	.17	28.90	51.00	16.00	
			2.7	075	577	579.7	2.7	3.08	5.76	1.98	.02	.05	8.32	15.56	5.35	Plot
579.7	183.8 603.3	BLEACHED QUARTZ-SERICITE PHYLLITE . Buff color. sehistose, banded by numerous .2'-1.5' quartz veins. Highly sheared, brecciated and loosely cemented from 583.5 - 601', mainly within the sericitic sections. Pyrrhotite, Lead-Zinc mineralization occuring at 579.7 - 580, 581-581.4', 582.7-583.4', 584.3-585.1', 597.3-597.7', and 601.6-603.3'. C.A. 80° at 588'; 70° at 600' and subvertical F_1 to F_2; 75° at 603'.	5.6	076	579.7	585.3	5.6	1.85	3.33	1.36	.01	.03	10.36	18.65	7.62	Plot
			/16.3 1.7	077	601.6	601.6 603.3	1.7	2.18	5.10	1.48	.04	.09				
				WtAv	543	562	19.0	2.46	4.65	1.41	Wt.Av. -		46.65	88.26	26.84	plot
				"	562	577	15.0	5.01	9.44	2.56	Wt.Av. -		75.15	141.60	38.40	plot
				"	577	585.3	8.3	2.25	4.12	1.56	Wt.Av.		18.68	34.21	12.97	plot
				"	543	577.0	45.7	3.73	6.9	1.96	(67.2)		170.33	315.22	89.63	plot
603.3	194.1 637	QUARTZ-GRAPHITE-SERICITE PHYLLITE. Medium to dark grey, highly schistose. Sheared, parts brecciated and loosely cemented at footages 603.3' - 616', 618 - 626.5, and 633 - 636'. C.A. 35° at 616'; 0° at 620'; 40° at 623'; 80° at 627'; 70° at 636' with F1 subvertical to F_2	6.5/ 19.7	"	537.0	577.0	40.0	3.94	7.21	2.00	(68.67 Wt.Av.)		157.50	288.54	80.03	
			10.5/ 15		603.3	623										
					623	637										
637	205.2 673.5	(NEAR) MASSIVE SULPHIDES. Disseminated - sphalerite, galena, pyrite in quartz matrix. Remnants of graphitic sericite phyllite to 641.5'	9.5	078	637	647	10	9.15	15.36	4.02	.06	.20	91.50	153.60	40.20	
			4	079	647	651	4	1.90	2.88	.80	.01	.29	7.6	11.52	3.20	plot.

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. A - 19 PAGE 4 of 5

CLAIM No.

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		637-646', Zinc rich, 30% pyrite, 20% zinc, 5% lead	8	080	651	659	8	5.70	9.49	2.64	.04	.26	45.60	75.92	21.12
		646-658.5', 70% pyrite, sections of massive sphalerite, and low-medium grade lead zinc, average 4 lead 5 zinc	5.4	081	659	664.4	5.4	2.70	3.30	1.48	.04	.33	14.58	17.82	7.99
		688.5-673.5, Banded and massive pyrite with lead and zinc, also low-grade pyrite, average 65% pyrite	9.1	082	664.4	673.5	9.1	2.93	4.14	1.63	.02	.29	26.66	37.67	14.83
		C.A. F_1 paralliel to core, 75° at 641'; 80° at 646'; 65° at 652'; 90° at 656'; 45° at 659'; open fold at 660'; 60° at 669'; 85° at 673'.			637	659	22.0	6.58	10.96	2.93	Wt. Av		144.70	241.04	64.52
					659	673.5	14.5	2.89	3.83	1.57	Wt. Av.		41.24	55.49	22.82
673.5	753 229.5	SULPHIDE ZONE IN QUARTZ-GRAPHITE PHYLLITE. Banded and disseminated pyrite in quartz with threads of graphitic material.	8.8	083	673.5	683	9.5	.08	.37	.48	.01	.42			
			10	084	683	693	10	.35	1.50	.56	.02	.26			
		40-60% pyrite. F_2 mineralization.	10	085	693	703	10	.14	.35	.44	.01	.33			
		673.5 - 711.1 Sulphide mainly pyrite with 1% lead and 2-3% zinc	8.1	086	703	711.1	8.1	.18	.19	.32	.01	.39			
		711.1 - 718.5 as above, 3 lead and 5 zinc	7.4	087	711.1	718.5	7.4	2.85	4.02	.98	.02	.14	21.09	29.75	7.25
		718.5 - 729 as above, 1% lead and zinc	3.2	088	718.5	724	5.5	.14	.62	.24	.01	.44	0.86	1.61	0.62
		729 - 744.5 as above, brecciated. up to 1% lead and zinc	2.6	089	724	729	5	.07	2.00	.24	.01	.28			
		744.5 - 753 as above, 70% pyrite, average 1.5 lead, 4 zinc	3.3	090	729	738	9	.10	3.60	.28	.005	.30			
		C.A. 70° at 678-729'; 697-729' F_1 at acute angle and also sub-vertical to F_2. 80° at 745'; 70° at 749'.	5.3	091	738	744.5	6.5	.12	3.48	.28	.005	.43	0.78	5.22	0.42
			3.4	092	744.5	748	3.5	.92	1.40	.92	.02	.37	3.22	4.90	3.22
			2.5	093	748	753	5	2.93	2.82	1.86	.02	.23	14.65	14.10	9.30
753	843 256.9	QUARTZ-SERICITE-GRAPHITE PHYLLITES. Moderate gray color, highly schistose, a few .1' quartz veins of chlorite clots	2.5/5		753	758									
			26/26		758	784									
		C.A. 75° at 753-762'; 60° at 763-767'; 70° at 768'; 85° at 776'; 75° at 783'; 80-85° at 785-810' and F_1 at 30-90° to F_2; 70° at 815'; 60° at 817'; 70° at 825'; 75° at 838' and F_1 at 45-90° to F_2.	57/59		784	843									
				Wt. Av	673.5	711.1	37.6	0.8							
	256.9 843	END OF HOLE		Wt. Av	718.5	748	29.5	2.5	"						
				Wt. Av	724.0	744.5	24.0	3.13	"						
		Note: Mineralization of sulphides - pyrite, sphalerite and galena fine to very fine grained.		Wt. Av	711.1	721.1	10.0	2.15	3.14	0.79	(27)		21.45	31.36	7.87
				"	743.0	753.0	10.0	1.81	2.42	1.29	(44.4)		18.05	24.22	12.94

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY

LATITUDE | BEARING OF HOLE | STARTED

DEPARTURE | DIP OF HOLE | COMPLETED

ELEVATION | DIP TESTS | DEPTH

D.D.H. No. A - 19 PAGE 5 of 5

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
		Size of Hole: 0 - 27' NW					
		27 - 44' BW					
		44 - 843' BQ					
		Other Notes: 203 - 270' Lost water return					
		203 - 643' caving and sanding.					

DDH: FAGA019 -- 42 DEGREE PROFILE

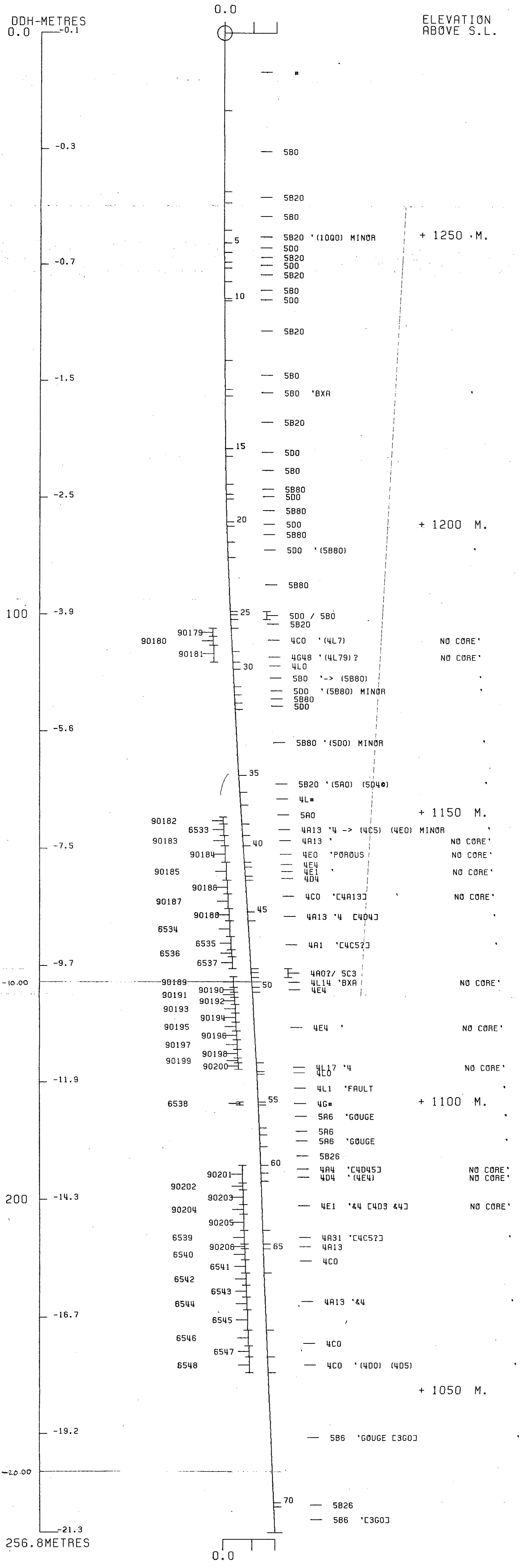
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1285 592305E ; 904907N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 435.9 Z = 1284.9

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 17 OCT 1984 10:50 AM

DDH: FAGA019 -- 42 DEGREE PROFILE

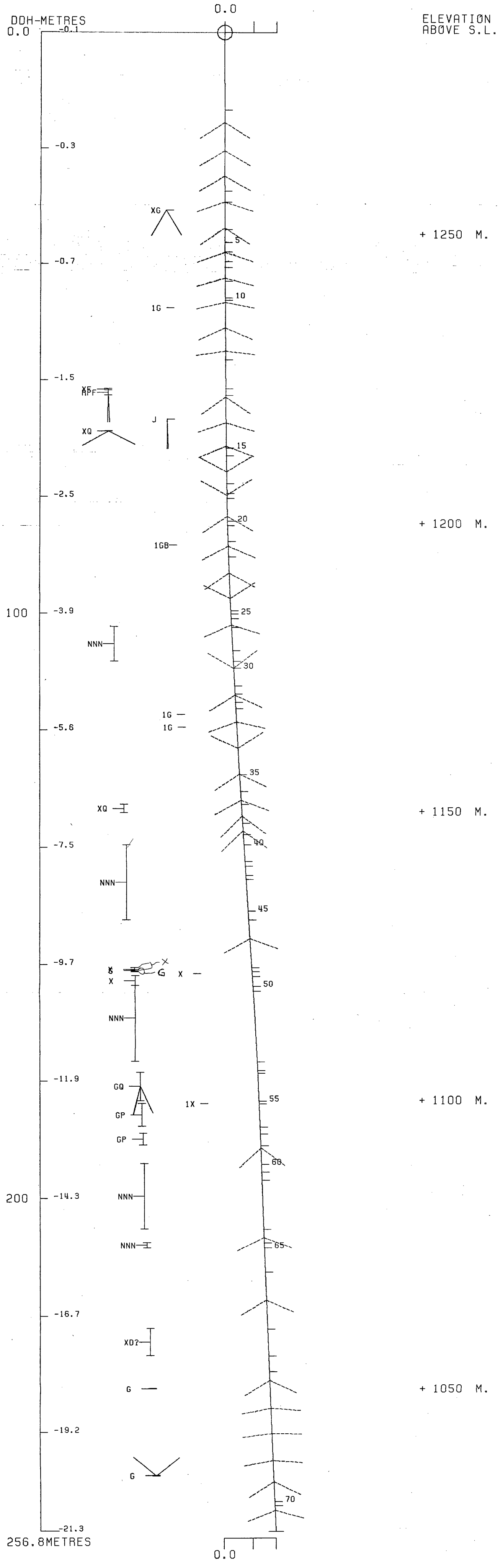
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1285 592305E ; 904907N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 435.9 Z = 1284.9

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 17 OCT 1984 10:48 AM

FAGA021

DRILL HOLE : FAGA021
NORTHING : 904,951.1
EASTING : 592,346.0
ELEVATION : 1,291.1
TOTAL DEPTH : 260.8
SECTION : W 72
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: 51
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 70
NOS DOWN-H-STRUCTURE: 37
NOS DOWN-H-FAULTS: 30
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

DDH: FAGA021 UTM-N: 904,951.1 UTM-E: 592,346.0 UTM-ELEV: 1,291.1 TOTAL DEPTH: 260.8 SECTION: W 72
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.
100.1	101.1	90090	1.0	.9	5B20		.02	.03	.10												
101.1	103.5	90091	2.4	2.0	4E4		.08	5.78	11.35		79.50	.69									
103.5	104.3	90092	.8	.7	5D4*		.02	.10	.30												
104.3	107.1	90093	2.8	2.1	4AE4		.15	8.25	14.83		149.50	.69									
107.1	109.4	90094	2.3	1.8	4AL		.03	2.23	4.26		32.20	.17									
109.4	112.4	90095	3.0	1.9	4A4		.06	4.43	8.76		56.20	.34									
112.4	113.7	90096	1.3	1.3	4LA4		.06	3.75	1.44		39.80	.34									
113.7	115.2	90097	1.5	1.4	4A4		.05	4.20	1.50		45.90	.34									
115.2	117.4	90098	2.2	2.2	4A0		.08	.68	1.74		9.60	.17									
117.4	119.1	90099	1.7	1.7	4A0		.08	.64	1.66		9.60	.17									
119.1	121.1	90100	2.0	2.0	4L34		.10	.70	1.34		11.00	.17									
121.1	123.2	90101	2.1	1.7	4L34		.08	.63	1.14		10.30	.17									
132.3	133.8	90102	1.5	1.5	5B6		.02	.03	.05			.17									
167.0	168.6	90103	1.6	1.4	5B26		.02	.08	.33												
171.4	172.1	02471	.7	.7	4A10	2.98	.03	1.45	3.33	22.00	25.00	.27	3	2	6						
179.8	181.2	90104	1.4	1.4	4L0		.03	.08	.10		8.90										
181.2	183.3	90105	2.1	2.0	4EA4		.12	2.43	4.74		42.50	.34									
183.3	185.3	90106	2.0	1.7	4E4		.09	3.08	5.04		48.00	.34									
185.3	186.8	90107	1.5	1.5	4E4		.09	2.50	4.20		52.10	.34									
186.8	189.9	90108	3.1	3.1	4E4		.12	4.43	8.76		71.30	.69									
189.9	192.9	90109	3.0	3.0	4EG4		.04	4.28	9.12		76.80	.69									
192.9	194.5	90110	1.6	1.6	4EG4		.17	5.03	9.36		83.60	.69									
194.5	196.0	90111	1.5	1.5	4E4		.17	6.83	11.50		128.90	1.37									
196.0	197.5	90112	1.5	1.5	4E4		.15	2.25	4.26		51.40	.69									
197.5	198.7	90175	1.2	1.2	4A4		.12	5.18	9.00		45.30	.34									
198.7	200.3	02473	1.6	1.5	4A1	3.17	.10	.29	.75	13.00	15.00	.34		14	15						
200.3	201.3	02474	1.0	1.0	4A1		.07	.67	.87	10.00	5.50	.34									
201.3	203.2	02475	1.9	1.3	4L0		.02	.21	.28	1.00	6.90	.17									
210.1	212.4	02476	2.3	2.1	4A1		.06	.93	1.71	12.00	11.00	.34									
212.4	214.5	02477	2.1	2.1	4A1		.12	.18	.52	14.00	16.50	.34									
214.5	216.9	02478	2.4	2.2	4A1		.07	.29	.30	6.00	8.20	.17									
216.9	218.6	02479	1.7	1.5	4A1		.04	.83	1.33	12.00	5.50	.34									
218.6	221.0	02480	2.4	2.4	4A1	2.96	.05	1.56	2.39	22.00	20.60	.55		3	4						
221.0	222.9	02481	1.9	1.9	4A1	3.04	.07	.28	.47	10.00	9.60	.34		10	11						
222.9	223.9	02482	1.0	.9	4A1	3.56	.17	.39	.86	15.00	9.60	.55		18	19						
223.9	225.2	02483	1.3	1.3	4A1	3.45	.17	.85	1.62	20.00	26.10	.82	1	19	20						
225.2	226.6	02484	1.4	1.3	4A1	3.42	.12	1.12	.89	22.00	26.10	.89		18	19						
226.6	228.0	02485	1.4	1.4	4A1		.19	.13	.48	10.00	9.60	.34									
228.0	229.5	02486	1.5	1.4	4A1		.15	.05	.04	7.00	11.00	.34									
229.5	231.0	02487	1.5	1.2	4A1		.16	.08	.10	11.00	11.00	.34									
231.0	232.6	02488	1.6	1.2	4A1		.15	.12	.37	12.00	8.20	.17									
232.6	234.1	02489	1.5	1.3	4A1		.09	.72	.95	18.00	23.30	.34									
234.1	236.2	02490	2.1	1.5	4A1		.11	.80	1.20	15.00	24.70	.34									
236.2	237.4	02491	1.2	1.1	4A1		.11	.50	.87	12.00	9.60	.34									
237.4	239.0	02492	1.6	1.5	4A1		.30	.28	.30	10.00	5.50	.34									
239.0	240.5	02493	1.5	1.5	4A1		.40	.15	.33	12.00	5.50	.34									

DDH: FAGA021 UTM-N: 904,951.1 UTM-E: 592,346.0 UTM-ELEV: 1,291.1 TOTAL DEPTH: 260.8 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC 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.
240.5	242.0	02494	1.5	1.3	4A1		.13	.08	.21	3.00											
242.0	243.5	02495	1.5	1.3	4A1		.11	.06	.17	2.00											
243.5	244.9	02496	1.4	1.4	4A1	3.15	.31	.10	.39	10.00		.48	1	11	13						
244.9	246.4	02497	1.5	1.5	4A1		.19	.06	.51	6.00											
246.4	248.4	02498	2.0	1.8	4E0	4.50	.33	1.91	2.74	50.00	43.00	.82	1	36	37						
WEIGHTED AVERAGE																					
100.1	123.2		23.1	19.7			.07	3.11	5.23		45.61	.31									
132.3	133.8		1.5	1.5			.02	.03	.05			.17									
167.0	168.6		1.6	1.4			.02	.08	.33												
171.4	172.1		.7	.7		2.98	.03	1.45	3.33	22.00	25.00	.27	3	2	6						
179.8	203.2		23.4	22.3		.21	.09	3.03	5.68	1.39	52.49	.50			1						
210.1	248.4		38.3	35.1		1.02	.14	.54	.87	13.91	12.99	.36		4	5						

DDH: FAGA021 UTM-N: 904,951.1 UTM-E: 592,346.0 UTM-ELEV: 1,291.1 TOTAL DEPTH: 260.8 SECTION: W 72
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	178.700	158.000
115.800	174.800	118.000
207.300	175.900	158.000

DDH: FAGA021 UTM-N: 904,951.1 UTM-E: 592,346.0 UTM-ELEV: 1,291.1 TOTAL DEPTH: 26O.8 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC		RECOVERY	IND
17.7	OOO1	#			0.5-	1
19.8	OOO2	5BO			0.5-	1
24.1	OOO3	5B6			0.5-	1
35.7	OOO4	5BC	GOUGE		0.5-	1
42.9	OOO5	5B8O			0.5-	1
47.7	OOO6	5DC			0.5-	1
49.1	OOO7	5B8O			0.5-	1
52.3	OOO8	5DC			0.5-	1
65.5	OOO9	5B8O			0.5-	1
67.8	OO1O	5DC			0.5-	1
69.3	OO11	5B8O			0.5-	1
71.O	OO12	5DC			0.5-	1
76.2	OO13	5B8O			0.5-	1
78.6	OO14	5DC			0.5-	1
80.O	OO15	5B8O			0.5-	1
82.8	OO16	5DO			0.5-	1
84.1	OO17	5B28	O		0.5-	1
85.O	OO18	5DO			0.5-	1
87.5	OO19	5B28	O		0.5-	1
91.4	OO2O	5B28	O (5B286)		0.5-	1
93.2	OO21	5B28	6$		0.5-	1
97.5	OO22	5B26			0.5-	1
100.9	OO23	5B2O			0.5-	1
103.O	OO24	4E4		NO CORE	0.5-	1
104.5	OO25	5D4*	[4L2]	NO CORE	0.5-	1
105.5	OO26	4A4		NO CORE	0.5-	1
107.1	OO27	4E4	POROUS	NO CORE	0.5-	1
108.5	OO28	4A4	[4D5]	NO CORE	0.5-	1
109.4	OO29	4L4	[4DO]	NO CORE	0.5-	1
112.3	OO3O	4A4	[4D45]	NO CORE	0.5-	1
112.5	OO31	4LO		NO CORE	0.5-	1
119.O	OO32	4A4	(4AO) E.O.I.	NO CORE	0.5-	1
123.1	OO33	4L34	(4AO)	NO CORE	0.5-	1
123.2	OO34	5D4$	[4L$]		0.5-	1
124.4	OO35	5DC$			0.5-	1
124.7	OO36	4LC			0.5-	1
125.3	OO37	5DC$			0.5-	1
126.5	OO38	4LC	(4L6) (5DO)		0.5-	1
129.2	OO39	5B62	(5D6)		0.5-	1
129.9	OO4O	5D6			0.5-	1
132.3	OO41	5B6			0.5-	1
135.3	OO42	5B6	[4AO] [5B619]		0.5-	1
136.6	OO43	5B6			0.5-	1
137.3	OO44	4LC			0.5-	1
143.3	OO45	5B6			0.5-	1
146.4	OO46	5B64			0.5-	1
150.3	OO47	4LO	GOUGES		0.5-	1
163.7	OO48	5B26	GOUGES		0.5-	1
169.9	OO49	5B26	[4AO [5A619]		0.5-	1
171.5	OO5O	5B6			0.5-	1
171.9	OO51	4A1O	[4C5]		0.5-	1

DDH: FAGAO21 UTM-N: 904,951.1 UTM-E: 592,346.0 UTM-ELEV: 1,291.1 TOTAL DEPTH: 26C.8 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC		RECOVERY	IND
172.4	0C52	4LC			0.5-	1
173.7	0C53	10QC			0.5-	1
181.2	0C54	4LC			0.5-	1
181.8	0055	4E4	POROUS	NO CORE	0.5-	1
183.4	0C56	4A4		NO CORE	0.5-	1
190.2	0057	4E4	POROUS	NO CORE	0.5-	1
193.5	0C58	4G4		NO CORE	0.5-	1
197.4	0C59	4E4		NO CORE	0.5-	1
198.7	0C60	4A4		NO CORE	0.5-	1
201.3	0C61	4A10	[4C5]		0.5-	1
203.2	0C62	4LC			0.5-	1
209.3	0063	5B6	[3GO]		0.5-	1
210.1	0064	4LC			0.5-	1
222.9	0065	4A1	[4C5]		0.5-	1
246.4	0066	4A1	[4C5] (4EO)		0.5-	1
248.4	0067	4EC	BXA		0.5-	1
249.2	0C68	4LC			0.5-	1
251.2	0069	5B6	GOUGE		0.5-	1
260.9	0070	5B6	[3GO] (5B86)		0.5-	1

DDH: FAGA021 UTM-N: 904,951.1 UTM-E: 592,346.0 UTM-ELEV: 1,291.1 TOTAL DEPTH: 260.8 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
FAGA021	0.0	19.4	CS2	D	0	0	43	65	57	230	0	1	1	1
FAGA021	0.0	21.3	CS2		0	0	0	0	60	230	0	1	1	1
FAGA021	0.0	36.1	CS2	S	0	0	64	0	57	230	0	1	1	1
FAGA021	0.0	42.1	CS2		0	0	0	0	72	230	0	1	1	1
FAGA021	0.0	48.2	CS2		0	0	0	0	69	230	0	1	1	1
FAGA021	0.0	54.3	CS2	P	0	0	0	0	67	230	0	1	1	1
FAGA021	0.0	60.7	CS2		0	0	0	0	72	230	0	1	1	1
FAGA021	0.0	63.7	CS2		0	0	60	0	73	230	0	1	1	1
FAGA021	0.0	70.1	CS2		0	0	0	0	62	230	0	1	1	1
FAGA021	0.0	77.4	CS2		0	0	0	0	63	230	0	1	1	1
FAGA021	0.0	83.5	CS2		0	0	0	0	67	230	0	1	1	1
FAGA021	0.0	89.6	CS2		0	0	0	0	67	230	0	1	1	1
FAGA021	0.0	96.3	CS2		0	0	0	0	60	230	0	1	1	1
FAGA021	0.0	99.4	CS2		0	0	0	0	58	230	0	1	1	1
FAGA021	0.0	123.4	CS2		0	0	0	0	61	230	0	1	1	1
FAGA021	0.0	131.1	CS2		0	0	0	0	75	230	0	1	1	1
FAGA021	0.0	137.8	CS2		0	0	0	0	69	230	0	1	1	1
FAGA021	0.0	143.9	CS2		0	0	0	0	74	230	0	1	1	1
FAGA021	0.0	150.6	CS2		0	0	53	0	65	230	0	1	1	1
FAGA021	0.0	159.7	CS2		0	0	0	0	63	230	0	1	1	1
FAGA021	0.0	165.8	CS2		0	0	0	0	80	230	0	1	1	1
FAGA021	0.0	171.9	CS2		0	0	0	0	90	230	0	1	1	1
FAGA021	0.0	178.0	CS2		0	0	0	0	72	230	0	1	1	1
FAGA021	0.0	199.6	CS2		0	0	0	0	85	230	0	1	1	1
FAGA021	0.0	205.7	CS2		0	0	0	0	81	230	0	1	1	1
FAGA021	0.0	210.1	S0		77	0	0	0	0	230	0	1	0	0
FAGA021	0.0	212.8	CS2		0	0	0	0	78	230	0	1	1	1
FAGA021	0.0	218.8	CS2		0	0	0	0	80	230	0	1	1	1
FAGA021	0.0	221.6	CS2		0	0	0	0	81	230	0	1	1	1
FAGA021	0.0	228.3			0	0	0	0	90	230	0	1	1	1
FAGA021	0.0	234.4			0	0	0	0	69	230	0	1	1	1
FAGA021	0.0	240.5			0	0	0	0	76	230	0	1	1	1
FAGA021	0.0	246.6			0	0	0	0	79	230	0	1	1	1
FAGA021	0.0	249.0			0	0	0	0	1	230	0	1	1	1
FAGA021	0.0	249.2	S0		75	0	0	0	0	230	0	1	0	0
FAGA021	0.0	253.0			0	0	0	0	73	230	0	1	1	1
FAGA021	0.0	260.0			0	0	0	0	79	230	0	1	1	1

DDH: FAGA021 UTM-N: 904,951.1 UTM-E: 592,346.0 UTM-ELEV: 1,291.1 TOTAL DEPTH: 260.8 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
FAGA021	24.0	35.6	GPF	C		0	0	C	C	0	0	1
FAGA021	38.4	39.0	P	C		0	0	C	C	0	0	1
FAGA021	0.0	48.0	G			0	0	C	C	0	0	1
FAGA021	48.8	49.1	G			0	0	C	C	0	0	1
FAGA021	53.6	54.5	G			0	0	C	C	0	0	1
FAGA021	60.1	60.2	G			0	0	C	C	0	0	1
FAGA021	65.0	65.1	G			0	0	C	C	0	0	1
FAGA021	0.0	67.7	1G			0	0	C	C	0	0	1
FAGA021	69.4	69.7	G			0	0	C	C	0	0	1
FAGA021	0.0	93.4	G			0	0	C	C	0	0	1
FAGA021	0.0	97.5	G			0	0	C	C	0	0	1
FAGA021	121.6	122.8	XD?			0	0	C	C	0	0	1
FAGA021	100.8	123.1	NNN			0	0	C	C	0	0	1
FAGA021	147.6	148.1	G			0	0	C	C	0	0	1
FAGA021	148.7	150.2	G			0	0	C	C	0	0	1
FAGA021	152.2	152.3	G			0	0	C	C	0	0	1
FAGA021	153.5	153.6	G			0	0	C	C	0	0	1
FAGA021	155.2	155.3	G			0	0	C	C	0	0	1
FAGA021	158.8	158.9	G			0	0	99	999	0	0	1
FAGA021	159.3	159.4	G			0	0	99	999	0	0	1
FAGA021	192.6	163.6	G			0	0	C	C	0	0	1
FAGA021	0.0	171.4	G			0	0	C	C	0	0	1
FAGA021	172.3	173.7	Q			0	0	C	C	0	0	1
FAGA021	173.8	174.0	G			0	0	C	C	0	0	1
FAGA021	180.7	180.8	G			0	0	C	C	0	0	1
FAGA021	180.8	198.7	NNN			0	0	C	C	0	0	1
FAGA021	200.4	200.6	2B			0	0	C	C	0	0	1
FAGA021	246.4	248.3	XD?			0	0	C	C	0	0	1
FAGA021	249.1	251.1	3GX			0	0	C	C	0	0	1
FAGA021	251.7	251.8	1G			0	0	C	C	0	0	1

DDH: FAGAO21 UTM-N: 904,951.1 UTM-E: 592,346.0 UTM-ELEV: 1,291.1 TOTAL DEPTH: 260.8 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGAO21	1	2
FAGAO21	2	2
FAGAO21	3	2
FAGAO21	4	1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 10

DIAMOND DRILL CORE LOG

Date: 19 May 81

Hole Number: FAGA 021

Reference Fabric Orientation Diagram:

Project: GRUM

Location: SECTION 72W

Claim:

UTM Terr. Plane Co-ords.: 6904951.1 N

1979 HIW Survey - Vangorda Plateau

592346.0 E

Grid Co-ords:

All symmetry determinations looking

Elevation: 1291.1 m

_____ with _____ dipping

Total Depth:

_____ with dip azimuth _____.

Purpose: RE-LOG GRUM

Reason hole Terminated:

Logged by: GG

Date(s) Logged: 17-19 May 81

Drilling Contractor:

CORE Size	From	To

Collar Cased and Capped: _____

Hole Cemented:

Steel down hole:

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH FAGA021
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	FAGA021	12901.1	9049511.1	592376.0	FEET

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-A021	0 0	180.0	0.0	AT COLLAR
R	75-A021	200.0	178.7	158.0	SPERRY SUN
R	75-A021	380.0	174.8	118.0	
R	75-A021	6800	175.9	158.0	
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 FAGA021 (2–8)

UNITS = FEET

Cyprus Anvil Mining Corp.

Lithologic Log

Page 3 of 10

Date: 17/5/81 Logged By: GAG / CHECKED PN

Code	From	To	Recov.	No.	Unit	Description
	10–14	16–20	22–24	26–28	30–34	35
L	0	58		01	*	OVERBURDEN
L	58	648		2	5B01	mod sericitic
L	648	790		3	5B01	-DOLOMITIC
L	790	1170		4	5B01	GOUGE AND VERY POOR RECOVERY (<10%).
384 L	1170	1409		5	5B83	126-128 ft = <5% RECOVERY - FEW SHALY ROCK CHIPS IN COREBOX - FAULT?
L	1409	1564		6	5D31	V SERICITIC AT FOOTWALL;
L	1564	1612		7	5B83	GOUGE AT 157.7 ft (2cm) & 30cm AT FOOTWALL CONTACT;
L	1612	1716		8	5D31	
536 L	1716	2149		9	5B83	GOUGE AT 176.0-179.0 ft,
601						197.2-197.8 ft, AND 213.4-213.7 ft 650
L	2149	22224		10	5D31	SEVERAL 0.1-0.3m QZ VEINS;
L	22224	22734		11	5B83	HANGING WALL CONTACT MARKED BY 0.1m GOUGE
L	22734	23321		12	5D31	GOUGE AT 228.0-228.9 ft;
L	23321	25000		13	5B83	
L	25000	25179		14	5D31	HANGING WALL CONTACT MARKED BY 0.25m QZ VEIN; 5% QZ(-CB) VEINS THROUGH UNIT
L	25179	26125		15	5B83	
L	26125	27116		16	5D31	
L	27116	27158			5B28	(3) - FOOTWALL CONTACT MARKED BY 0.1m QZ VEIN;
L	27158	27900		17	5D31	
L	27900	28771		18	5B28	(3)
L	28771	31000		19	5B28	(3) + (5B286)
L	31000	31057		20	5B28	(4) - BROWN WEATHERING, DOLOMITIC.
L	31057	32100		21	5B26	5cm GOUGE AT 306.7 ft AND 0.13m AT FOOTWALL;
L	32100	33310		22	5B23	+ (5B23 - AS UNIT 20)
						331.0 - 404.0 ft MISSING - TOTAL CORE REMOVED BY KERR ADDISON → KERR LOGS INTERPRETED BELOW;

DDH F A G A 0 2 1 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 17/5/81 Logged By: GAG

UNITS = FEET

Code	From	To	Recov.	No.	Unit	Description
	10–14	16–20	22–24	26–28	30–34	35
L	1331 0	1317 8		23	4E4	
L	1317 8	1412 9		24	4L4½	+ FUCHSITE AT FOOTWALL
L	1412 9	1416 0		25	4A4	
L	1416 0	1511 5		26	4E4	POSS. 4G4?; VUGGY.
L	1511 5	1516 0		27	4A4	
L	1516 0	1519 0		28	4L4	NOTE HIGH GRADE
L	1519 0	1686		29	4A4	
L	1686	1690		30	4L10	
L	1690	1905		31	4A4	
L	1905	2040		32	4L34	+ (4A°); BRECCIATED @ 399.0 – 403.0 (?)
L	2040	2042		33	4L5	BROWN DOLOMITIC WEATHERING
L	2042	2082		34	5D3	" " "
L	2082	2091		35	4L10	
L	2091	2111		36	5D3	BROWN DOLOMITIC WEATHERING
L	2111	2149		37	4L10	+ (4L6); 0.2m 5D3 AT FOOTWALL CONTACT
L	2149	2240		38	5B6	+ (5D6)
L	2240	2263		39	5D6	FOOTWALL CONTACT MARKED BY 20cm QZ VEIN
L	2263	2340		40	5B6	
L	2340	2440		41	5B6	[4A0] < 1% SULPHIDES; COMMON DK BROWN (Mn?) STAIN;
L	2440	2480		42	5B6	+ (5B4) – GENERALLY VERY FINE GRAINED; FOOTWALL CONTACT GRADES OVER 0.4m.
L	2480	2504		43	4L10	SOME Mn? STAIN;
L	2504	2703		44	5B6	
L	2703	2804		45	5B6	GENERALLY VERY FINE GRAINED; FOOTWALL CONTACT MARKED BY 5cm QZ VN;

INTERPRETED FROM K.A. LOG.

N-REGION.

DDH F.A.G.A.0.2.1 (2–8)

UNITS = FEET

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 17/5/81 Logged By: GG

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
L	4804	4930		46	4L0	GOUGE AT 484.5-486.0 ft AND 488.0-493.0 ft AT FOOTWALL;
L	4930	5370		47	5B26	GOUGE AT 499.4-499.7 ft, 503.7-504.0 ft, 509.2-509.6 ft, 521.2-521.5 ft, 522.7-523 ft, AND 532.0-537.0 ft AT FOOTWALL CONTACT;
L	5370	5575		48	5B26	[4A0] ? - SIMILAR TO 4A BELOW BUT DEVOID OF SULPHIDES AT HANGWALL; NUMEROUS QZ VEINS; COMMON Mn(?) STAIN;
L	5575	5626		49	5B6	VERY FINE GRAINED; 0.6 ft GOUGE AT FOOTWALL CONTACT;
L	5626	5640		50	4A14	
L	5640	5655		51	4L0	
L	5655	5699		52	0Q0	MASSIVE BULL QZ VEIN
L	5699	5945		53	4L0	SOME Mn(?) STAIN; GOUGE AT 570.5-571.0 ft AND 593.0-593.4 ft
						593.4-652.0 ft CORE REMOVED BY KERR ADDISON - INTERPRETED FROM KERR LOGS BELOW;
L	5945	5963		54	4E4	
L	5963	6018		55	4A4	
L	6018	6240		56	4E4	+(4E0); "POROUS"
L	6240	6348		57	4G4	POSS. 4D4; NOTE HONEY SPHAL.
L	6348	6476		58	4E4	
L	6476	6520		59	4A4	

INTERPRETED FROM K.A. LOG

DDH F.A.G.A.02.1 (2–8)

UNITS = FEET

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 18/5/81 Logged By: GAG.

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	1652.0	1660.4		160	A1A11	FINELY BROKEN CORE AT 657.8-658.2 ft
						POSS. FAULT; CONFORMABLE F/W CNT.
L	1660.4	1661.6		161	4L401	COMMON Mn(?) STAIN; CONFORMABLE F/W CNT;
L	1661.6	1681.7		162	5B61	[3G]; CONFORMABLE F/W CNT;
L	1681.7	1689.3		163	4L401	CONFORMABLE F/W CNT
L	1689.3	1731.4		164	4A11	+(4LO); APPEARANCE OF 4L WITH
						HIGH CARBON; CONFORMABLE F/W CNT.
L	1731.4	1810.5		165	4A11	+(4EO)→ V SHORT SECTIONS; GENERALLY
						MUCH HIGHER IN PY THAN ABOVE
						UNIT; CONFORMABLE F/W CNT;
L	1810.5	1811.8		166	4E01	BRECCIA - ROUNDED TO ANGULAR
						SULPHIDE FRAGS IN SULPHIDE-GRANULAR
						BULL QUARTZ MATRIX; CLASTS FORM
						40% OF ROCK; TECTONIC? SED'Y?
L	1811.8	1811.5		167	4L401	
L	1811.5	1812.0		168	5B61	[GOUGE] - UNIT ENTIRELY SB MUD
						WITH A VARIETY AND ABUNDANCE
						OF CLASTS; SEVERAL 4EO CLASTS
						PRESENT - MAY INDICATE FOOTWALL
						UNIT DOWNDROPED BY FAULT IF
						THESE 4EO CAME FROM HANGINGWALL
						UNIT;
L	1812.0	1856.0		169	5B61	[3G] +(5B86); SMALL [GOUGE] 826-826.4 ft;
						END OF HOLE @ 856.0 ft

DDH EAGA021 (2 8)

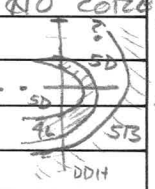
Cyprus Anvil Mining Corp.

Structural Log

Date: 18/5/81 Logged By: GAG

UNITS = FEET

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		635	CS2	D		43 065	57	
S		700	CS2				60	
S		1185	CS2	S		64 00	57	
S		1380	CS2				72	ALL LITHOLOGIC CONTACTS ∥ S_2
S		1580	CS2				69	
S		1780	CS2	P			67	FAULT GOUGE ∥ S_2
S		1990	CS2				72	
S		2090	CS2			60 00	73	
S		2300	CS2				62	
S		2540	CS2				63	CONTACTS OF QZ VNS ∥ S_2
S		2740	CS2				67	
S		2940	CS2				67	
S		3160	CS2				60	
S		3260	CS2				58	
								331.0 - 404.0 ft - NO CORE;
S		4050	CS2				61	
S		410	CS2				00	FOLD NOSE - . — . — .
								- poss SB above
								or another fold
								to allow ore section;
S		4300	CS2				75	
S		4520	CS2				69	
S		4720	CS2				74	
S		4940	CS2			53 00	65	; S_2 = FAULT GOUGE ∡
S		4840	FLT			38		BOTH EDGES ~38° TO C.A.
S		5240	CS2				63	ALL SMALL GOUGES ∥ S_2 HERE
S		5440	CS2				80	
S		5640	CS2				90	QZ VEIN CONTACTS NOT
								DETER'D
S		5840	CS2				72	
								593.4 - 652.0 ft - NO CORE
S		6550	CS2				85	S/
S		6750	CS2				81	
S		6980	CS2				78	S/
S		7180	CS2				80	S/
S		7290	CS2				81	S/



- probably S1 - not S2

125m

147.5

DDH EAGA021 (2 – 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: 18/5/81 Logged By: GAG

UNITS = FEET

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip Direct. (28–32)	S_1 Dip Direct. (34–38)	S_2 Dip Direct (40–44)	Description
S		7490					90	
S		7690					69	
S		7890					76	
S		8090					79	
S		8170					00	SMALL M-REGION BESIDE FAULT; CNT @ 90°?
S		8300					73	
S		8530					79	
								END OF HOLE @ 856.0
S		8240	FLT			63		FOOTWALL CONTACT;
S		8175	CNT			75		4A-4L0
S		6893	CNT			77		4L0-4A1.

INSERT

DDH EAGA021 (2–8) Cyprus Anvil Mining Corp

Logged by GAG

ASSAY LOG (SAMPLER'S COPY) Date 19/5/81 Sampled by

UNITS = FEET

CODE	FROM	TO	SAMPLE	INTR.	REC (m) ft	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
	1331 0	1404 0		730	1		NO CORE - SEE KERR.AD ASSAYS.
	1434 0	1439 0		50	1	5B61	LOW GRADE - NOT SAMPLED SEE K.A. ASSAYS
	5480	5530		50	1	5B26	LOW GRADE - NOT SAMPLED SEE K.A. ASSAYS.
A	5624	5616 6	247 11	22	25	4A14	+4LO
	5913 4	6512 0		5186	1		NO CORE - SEE K.A. ASSAYS.
A	6512 0	6517 0	247 13	50	50	4A1	
A	6517 0	6610 4	247 14	134	133	4A1	
A	6610 4	6666 6	247 15	162	142	4L0	
A	6819 3	6919 6 9	247 16	176	170	4A1	+(4LO)
A	6969 9	7039 9	247 17	170	170	4A1	
A	7039 9	7111 5	247 18	176	172	4A1	
A	7115	7117 2	247 19	157	150	4A1	
A	7117 2	7252 2	248 10	180	180	4A1	
A	7252 2	7314	248 11	162	162	4A1	
A	7314	7346	248 12	32	130	4A1	+(4EO)
A	7346	7390	248 13	44	45	4A1	+(4EO)
A	7390	7433	248 14	43	43	4A1	+(4EO)
A	7433	7480	248 15	47	47	4A1	
A	7480	7530	248 16	50	45	4A1	+(4EO)
A	7530	7580	248 17	50	40	4A1	+(4EO)
A	7580	7630	248 18	50	40	4A1	
A	7630	7680	248 19	50	44	4A1	
A	7680	7750	249 10	70	48	4A1	
A	7750	7790	249 1	40	36	4A1	
A	7790	7840	249 2	50	50	4A1	
A	7840	7890	249 3	50	63	4A1	
A	7890	7940	249 4	50	44	4A1	
A	7940	7990	249 5	50	43	4A1	
A	7990	8035	249 6	45	45	4A1	
A	8035	8085	249 7	50	53	4A1	
A	8085	8148	249 8	63	58	4E0	
							END OF HOLE @ 856 ft.

Feet

FAULT

DDH FAGA021 (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	11719 0	11170	GPF	0				gouge <10% recovery
F	11216 0	11280	P	0				<5% recovery — few shaly rock chips in box
F		11577	G					2cm gouge
F	11610 2	11612	G					30 cm gouge
F	11716 0	11790	G					gouge
F	11972	11978	G					gouge
F	12113 4	12137	G					gouge
F		12124	IG					minor gouge
F	12180	12189	G					gouge
F		13067	G					gouge
F		13100	G					gouge
F	13110	14040	NNN					no core - KA met. sample
F	13910	14030	XDI?					bxiated
F	14145	14160	G					gouge 38° to C.A. — upper & lower
F	14180	14930	G					gouge
F	14919 4	14917	G					gouge
F	15013 7	15014 0	G					gouge
F	15019 2	15019 6	G					
F	15212	15215	G			9999		
F	15227	15230	G			9999		
F	15312 0	15370	G					
F		15626	G					gouge
F	15655	15699	G					bull qtz
F	15710 5	15710	G					gouge
F	15913 0	15934	G					
F	15934	16520	NNN					no core - K-A met. sample
F	16578	16582	2B					mod. broken
F	18085	18148	XDI?					sulphide frags in sulphide-granular bull qtz matrix.
								clasts are 40% of unit
	18175	18240	3GX					entirely SB mud w/ variety & abundance of
								clasts - several YED clasts
								present — lower cnt. 63° to C.A.
	18216 0	18264	IG					small gouge

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

DDH F.A.G.A.0.2.1 (2–8) Cyprus Anvil Mining Corp. Page 7 of 10

UNITS = FEET GEOTECH. ~~Lithologic~~ Log Date: 19/5/81 Logged By: GG.

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	3310				5B23	HANGING WALL →
						ORE / GOUGE (3cm) / COMPETENT / BROKEN
						10ft 3 0ft
						FOOTWALL →
		A0A0			A1L5	+SD3
						ORE / COMPETENT.
						0ft 10ft
	5934				A1L0	HANGING WALL →
						GOUGE / ORE / COMPETENT.
						10ft 0.5ft ? 0ft
						FOOTWALL →
		6520			A1L0	
						ORE / GOUGE / KOMP.
						0ft 2ft 10ft
						→ COMPETENT

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY Vangorda - Kerr Addison - AEX - Joint Venture

D.D.H. No. A - 21 PAGE 1 of 5

LATITUDE 10 743.08 N 4+00 *BEARING OF HOLE

Collar	200'	380'	680'
	157°20	117°20'	157°20'

STARTED July 19/74 O.S.

CLAIM No. GRUM 3

DEPARTURE 7651.38 E 72W DIP OF HOLE - 90°

COMPLETED July 24/74 D.S.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION 756' P.A. Topog. 4229' A.S.L. (1301-68 m)

*DIP TESTS -88°30' -85° -86°

DEPTH Proposed: Ultimate: 856' (260.91m)

* Sperry Sun Survey 1975

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	17.68m 58	Overburden													
58	145	QUARTZ-SERICITE PHYLLITE. Medium grey, quartzy from 58-91' and many tiny quartz filled fractures generally near vertical to F_2. Moderately competent rock except 58-118'. C.A. 65° at 59-78' 55° at 91'; 60° at 118-124'; 40° at 126'; 60° at 126'; 70° at 132-145'; From 58-145' F_1 at subvertical to F_2	11/21 4/39 75/10 17/17		58 79 118 128	79 118 128 145									
145	169	QUARTZ-SERICITE-CHLORITE PHYLLITES. Light grey to greenish-grey Not as quartzy as above section. 157.5 - 160.5' slightly graphitic and fissile. Moderately competent rock. C.A. at 70°. F_1 subvertical to F_2, not well developed.	22/24		145	169									
169	250	QUARTZ-SERICITE PHYLLITES. As 58-91'. Local small shears at 161', 177', 196', 214', + 233'. Fissile. C.A. 60° at 183'; 65° at 206'; 70° at 219'; 60° at 234'-250'	71/81		169	250									
250	279.8	QUARTZ-SERICITE-CHLORITE PHYLLITES. As 145-169'. Graphitic (slightly) section from 271-274.5. C.A. at 60°. F_1 at 30-60-90° to F_2.	28/29.8		250	279.8									
279.8	305.6	QUARTZ-SERICITE-GRAPHITE PHYLLITE. Medium grey, banded, slightly graphitic. Odd blob and speck pyrrhotite - magnetic. C.A. at 60° uniform through section. F_1 near vertical to F_2	24/25.8		279.8	305.6									
305.6	331.6	QUARTZ-GRAPHITE-SERICITE PHYLLITES. Medium dark grey to black, 50-50 graphite-sericite. Schistose and fissile. Approximately 3/one-foot sections of bleached sericite phyllite between 322-327'. 328.4-331.4' minor sulphide 1% pyrite, 0.4% lead zinc. 331.4-331.6' contact with massive sulphide, 2 lead, 6 zinc C.A. 55° at 308'; 65° at 313'; 60-55° at 331. F_1 subvertical to F_2.	16/17.4 5.2/6 25/26 2.9/3	094	305.6 323 329 328.4	323 329 331.6 331.4	3.0	.30	.10	TR	TR	.02			

(plot)

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

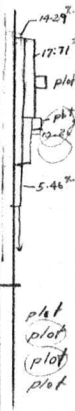
D.D.H. No. A - 21 PAGE 2 of 5

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
							2.5						47.4	93.07	19.02
331.6	390.5	SULPHIDE ZONE in graphitic and sericitic phyllites. Sulphides	67/82	095	331.4	339.6	8.2	5.78	11.35	2.32	.02	.08	~~45.24~~	~~90.80~~	~~18.56~~
		occur in massive pyritic bands, banded within quartz or graphite	2.4	096	339.6	342.2	2.6	.10	.30	TR	TR	.02	.26	.78	0.00
		also disseminated within quartz bands. Scattered specks silvery	6.9	097	342.2	351.5	9.3	8.25	14.83	4.36	.02	.15	76.73	137.92	40.55
		metallic mineral - arseno pyrite? Quartzy.	6	098	351.5	359	7.5	2.23	4.26	.94	.005	.03	16.73	31.95	7.05
		331.6-337.8 mainly massive pyrite, 4% lead, 8 zinc	6.2	099	359	368.6	9.6	4.43	8.76	1.64	.01	.06	42.53	84.10	15.74
		337.8-342.9 bleached sericite, phyllite with mariposite and pyrite at end	4.4	100	368.6	373	4.4	3.75	1.44	1.16	.01	.06	16.5	6.34	5.10
			4.5	101	373	378	5	4.20	1.50	1.34	.01	.05	21.0	7.5	6.7
		342.9-346 banded quartz graphite phyllite 15% pyrite, 3 lead 8 zinc.	7	102	378	385	7	.68	1.74	.28	.005	.08	16.94 Pb Zn		
			5.7	103	385	390.7	5.7	.64	1.66	.28	.005	.08	13.11 Pb Zn		
		346 -351.5 massive pyrite with high grade lead zinc. 8 lead 10 zinc, porous and vuggy			~~342.2~~	~~368.6~~	~~26.4~~	~~6.15~~	~~9.62~~	~~2.10~~	Wt. Av		~~135.99~~	~~253.99~~	~~63.54~~
		351.5-356 quartz-graphite -sericite, 1-2% pyrite, 1% lead 7 zinc		Wt. Av	331.4	368.6	37.2	4.98	9.58	2.21	(16.9)		~~183.45~~	~~345.55~~ 7.82	~~87.70~~ 3.36
					368.6	378.0	9.4	3.99	1.47	1.26	Wt. Av.	(43.2)	37.5	13.84	11.80
		356 -359 quartz-sericite, lenses pyrite 15%; 1 lead 4 zinc		Wt. Av	~~331.6~~	351.5	~~19.9~~ 19.1	6.18	11.53	2.94	(101.6	(41.1)	124.39	231.77	59.57
		359 -368.6 quartz-graphite-sericite, 15% pyrite; 3 lead 10 zinc		Wt Av	351.5	368.6	17.1	3.47	6.79	1.33	(45.7)		59.26	116.05	22.79
		368.6-369 bleached sericite, barren													
		369 -390.5 quartz-graphite, 15% pyrite average 3 lead, 4 zinc													
390.5	404.2	SULPHIDE ZONE in bleached sericite phyllite. Bleached buff ~~color, banded, fractured, talcy.~~ 397.3-398.3' graphitic phyllite	6.6	104	390.7	397.3	6.6	.70	1.34	.32	.005	.10	13.46 Pb Zn		
			5.7	105	397.3	404.2	6.9	.63	1.14	.30	.005	.08	12.20 Pb Zn		
		with negligible sulphides. 10-15% pyrite, 1 lead, 3 zinc. Brecciated at 399-403'			378.0	404.2	26.2		2.13 Pb Zn		Wt. Av.		55.71 Pb Zn		
404.2	414.6	QUARTZ-SERICITE-CHLORITE PHYLLITE. Buff green to greenish grey,	10		404.2	4.416									
		siliceous. Moderately altered and bleached. Minor pyrite, lead+ zinc from 411-414.6'. C.A. 50° at 406-409'; 70° at 412. F_1													
		subvertical to F_2.													
414.6	480	QUARTZ-SERICITE-GRAPHITE PHYLLITE. Medium grey-dark grey-grey	19.4/												
		black. Parts mineralized with pyrite plus odd specks and threads	19.4		414.6	434									
		of sphalerite and specks galena, also scattered blebs and blobs magnetic pyrrhotite (approximately .05%) C.A. 70-75° at 416-480'	5	106	434	439	5	.03	.05	TR	.005	.02			
			41/41	—	439	480									



DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY

D.D.H. No. A - 21 PAGE 3 of 5

LATITUDE BEARING OF HOLE STARTED

CLAIM No.

DEPARTURE DIP OF HOLE COMPLETED

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

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	
		460-480' F1 at 90° to F2														
480	594.5	QUARTZ-SERICITE-GRAPHITE PHYLLITES. Similar composition as 415-	6/8		480	488										
		480' but fairly fissile and sheared. Banded with numerous quartz	.5/4		488	492										
		veins 0.1'-0.4' wide and one 4.3' at 565-569.3'. High zinc	24/26		492	518										
		mineralization at 562.3-565.5' in bleached sericite and	10/12		518	530										
		graphite phyllite, 2 Lead 5 Zinc. C.A. 70-75° at 498-560';	2/7		530	537										
		85° at 573'; 70° at 577'; 70-75° at 591'	10/11		537	548										
			4.5	107	548	553	5	.08	.33	TR	TR	.02				plot 0.4 pt
			88/93		553	562.3										
			3.2	108	562.3	565.5	3.2	1.60	3.24	.68	.005	.04				plot
			24/													
			24.5	—	565.5	590	—									
			4.5	109	590	594.5	4.5	.08	.10	.26	TR	.03				plot "Tr"
594.5	668	SULPHIDE ZONE in Graphitic and Sericitic Phyllites. Sphalerite	6.5	110	594.5	601.5	7	2.43	4.74	1.24	.01	.12	17.01	33.18	8.68	
		and galena occur within both graphitic and sericitic unit, also	5.6	111	601.5	608	6.5	3.08	5.04	1.40	.01	.09	20.02	32.76	9.10	
		within massive pyrite zones. 664.3-668 bleached quartz-sericite	5	112	608	613	5	2.50	4.20	1.52	.01	.09	12.50	21.00	7.60	
		phyllite of minor sulphite. 594.5-596.3' massive pyrite (75%)	113	& 114	613	623	10	4.43	8.76	2.08	.02	.12	44.3	87.6	20.8	
		3 lead, 10 zinc, slightly porous; 601.8 quartz-graphitic	10	115	623	633	10	4.28	9.12	2.24	.02	.04	42.8	91.2	22.4	
		phyllite 2-% pyrite, average 1 lead, 3 zinc	5	116	633	638	5	5.03	9.36	2.44	.02	.17	25.15	46.80	12.20	
		601.8-624 ✓ massive pyrite, porous, as 595-596' disseminated	5	117	638	643	5	6.83	11.5	3.76	.04	.17	34.15	57.50	18.80	
		and banded, lead + zinc except 605.5-608.5';	5	118	643	648	5	2.25	4.26	1.50	.02	.15	11.25	21.30	7.50	
		-634.8 banded quartz-sulphide, 20% pyrite, 2% lead, 8%	8.3	119	648	657	9	5.18	9.00	1.32	.01	.12	46.62	81.00	11.88	
		zinc, bright brown and honey colored sphalerite;	5	120	657	662	5	.15	.23	.16	.01	.11	2.36 Pb Zn			
		-647.6 massive pyrite, as 602-624;	5.3	121	662	667.3	5.3	.42	.74	.20	.005	.07	6.14 Pb Zn			
		-657 banded quartz-graphite phyllite, 30% pyrite, 6 lead	0.7		667.3	668										
		11 zinc;														
		-664.3 banded quartz-graphite phyllite, 25% pyrite, minor			594.5	613.0	18.5	2.68	4.70	1.37	wt. Av.		49.53	86.94	25.38	plot
		lead-zinc														
		-668 bleached sericite phyllite, 15% pyrite, minor lead-			601.5	623	21.5	3.57	6.57	1.74						
		zinc														
					613.0	657.0	44.0	4.64	8.76	2.13	wt. Av.		204.27	385.4	93.58	plot
					594.5	657.0	62.5	4.06	7.56	1.90	(65.3 gm/m.t.)					

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. A - 21 PAGE 4 of 5

CLAIM No.

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
					657.0	667.3	10.3	0.8 % Pb	Zn	Wt.	Av.		8.50 % Zn.		
		Core angles: 30° at 595'; 80° at 597'; 70° at 599'; 60° at 604'; 40° 610'; 60° at 615-646'; 65° at 647'; 70° at 649'; 50° at 652'; 80° at 653'; 60° at 655'; 70° at 656'; 80° at 677'													
668	689.4	QUARTZ-SERICITE PHYLLITE. Medium grey, thinly laminated. Intermittent quartz veinlets with (ankerite?) and splashes pyrite. Core angle 80-85° at 668-676'; 70° at 677-688'	21.4/ 21.4	—	668	689.4	—								
689.4	808	SULPHIDE ZONE in Quartzy-Graphite Phyllite. As 648-664', 689-725 25-30% pyrite, 2 lead, 4 zinc. Mainly F_2 mineralization. specks	7.5	122	689.4	696.9	7.5	.98	1.58	.32	.01	.08	19.20	Pb Zn	
			7	123	696.9	703.9	7	.18	.51	.48	.01	.12	4.83	"	
		chalco and arseno. 717-808'. Rock highly siliceous, graphite	7.6	124	703.9	711.5	7.6	.34	.29	.24	.005	.10	4.78	"	
		disseminated in quartzose bands, more copper in bleb + fractures.	5.7	125	711.5	717.2	5.7	.74	1.10	.16	.01	.06	10.49	"	
		725-734.6 25-30% pyrite, 1.5-2% lead + zinc	8	126	717.2	725.2	8	1.53	2.22	.60	.01	.06	19.46	"	
		743.3 20% pyrite, 2 lead, 4 zinc	9.4	127	725.2	734.6	9.4	.23	.33	.28	.01	.13	5.26	"	
		763 30% pyrite, 1.5% lead-zinc	8.7	128	734.6	743.3	8.7	1.35	1.19	.76	.01	.16	22.09	"	
		767 25 pyrite, 1,5 lead, 4 zinc	4.7	129	743.3	748	4.7	.15	.46	.28	.01	.22	2.86	"	
		779.5 25 pyrite, 1,5 lead, 3 zinc	10	130	748	758	10	.10	.14	.32	.01	.18	2.4	"	
		808 25-15% pyrite, 1%± lead-zinc, slight increase in chalco	5	131	758	763	5	.18	.25	.24	.005	.18	1.34	"	
		Core angles: 70° at 692'; 85° at 694'; 65° at 696'; 85° at 699';	5	132	763	768	5	.89	1.08	.68	.01	.10	9.85	"	
		80° at 703-719'; F_1 subvertical F_2 at 705-708';	4.9	133	768	775	7	1.25	1.54	.72	.01	.12	19.53	"	
		70° at 720'; 80-85° at 725-742' + F_1 at 30° + 90° to	3.4	134	775	779	4	.54	.78	.28	.01	.12	5.28	"	
		F_2, 70° at 755-767 + F_1 subvertical to F_2; 60° at 768'	10	135	779	789	10	.17	.28	.16	.01	.30	4.50	"	
		80° at 777', 70° at 779'; 80° at 793'	10	136	789	799	10	.08	.19	.18	.01	.17	2.7	"	
			8	137	799	808	9	.08	.56	.28	.005	.25	5.76	"	
808	814.8	MASSIVE SULPHIDE BRECCIA. Massive fine grained, pyrite breccia and	6.8	138	808	814.8	6.8	1.93	2.64	1.12	.01	.32	—		
		massive pyrite (fractured but not brecciated) in contact at 10° to 30° to core. Breccia composed of siliceous pyrite and or sphalerite			689.4	743.3	53.9		1.50 Pb Zn		Wt. Av.		81.11	Pb Zn	
		and galena, from minute particle size to o.1', angular fragments			743.3	763	19.7		.33 Pb Zn		Wt. Av.		6.6	Pb Zn	
		mainly, partly rounded. Upper contact show both massive and			763	775	12.0		2.45 Pb Zn		Wt. Av.		29.38	Pb Zn	
		brecciate pyrite in contact with quartz-graphite phyllite. At 8085' remnant of phyllite (15° to core) 1/2 retained original C.A., other			775	808	33.0		.55 Pb Zn		Wt. Av.		18.21	Pb Zn	
					804.8	814.8	10.0	1.34	1.97	0.85	(20.1%)				

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY

LATITUDE | BEARING OF HOLE | STARTED

DEPARTURE | DIP OF HOLE | COMPLETED

ELEVATION | DIP TESTS | DEPTH Proposed: Ultimate:

D.D.H. No. A - 21 PAGE 5 of 5

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		1/2 of phyllite formed matrix of sulphide breccia. Lead-zinc (mainly) occur in bands (not many) within the massive pyrite and pyrite breccia. 90% pyrite, 1 lead, 2-3 zinc C.A. 60° at 809-814'													
814.8	856	QUARTZ-SERICITE-GRAPHITE PHYLLITE. Medium grey with darker bands, mainly thinly laminated and fissile.	2.9/3.2		814.8	818									
		814.8-817.4 altered, contorted, buff grey, sericitic	2.7/6		818	824									
		817.4-824 shear zone, graphitic	2.5/6		824	830									
		824 -828 graphitic	26/26		830	856									
		829 -856 sericitic													
		Minor pyrite in quartz bands, also in fractures; 0.5% pyrite. Odd bleb of pyrrhotite (magnetic), no lead-zinc noted.													
		C.A. 70° at 828'; 75° at 839'; 85° at 849-856'. F_1 at 90° to F_2 at 849-856'													
	856	END OF HOLE													
		Note: Grain size of pyrite, sphalerite and galena vary from fine to very fine grain, medium to coarse grain particle size not present.													
		Size of Hole: 0 - 28' NW 28 - 118' BW 118 - 856' BQ													
		Other Notes: Collar + 80' Mud seam Collar to 856' Used drill mud to total depth.													

DDH: FAGA021 -- 42 DEGREE PROFILE

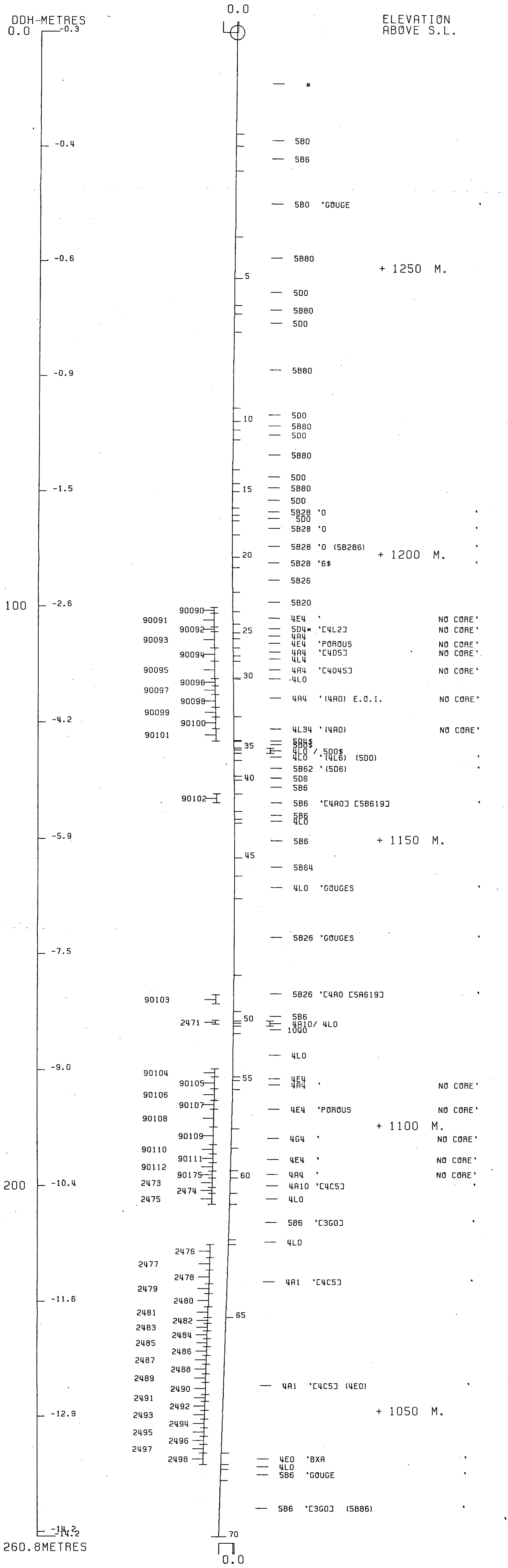
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1291 592346E ; 904951N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 496.3 Z = 1291.0

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 11 OCT 1984 2:43 PM

DDH: FAGA021 -- 42 DEGREE PROFILE

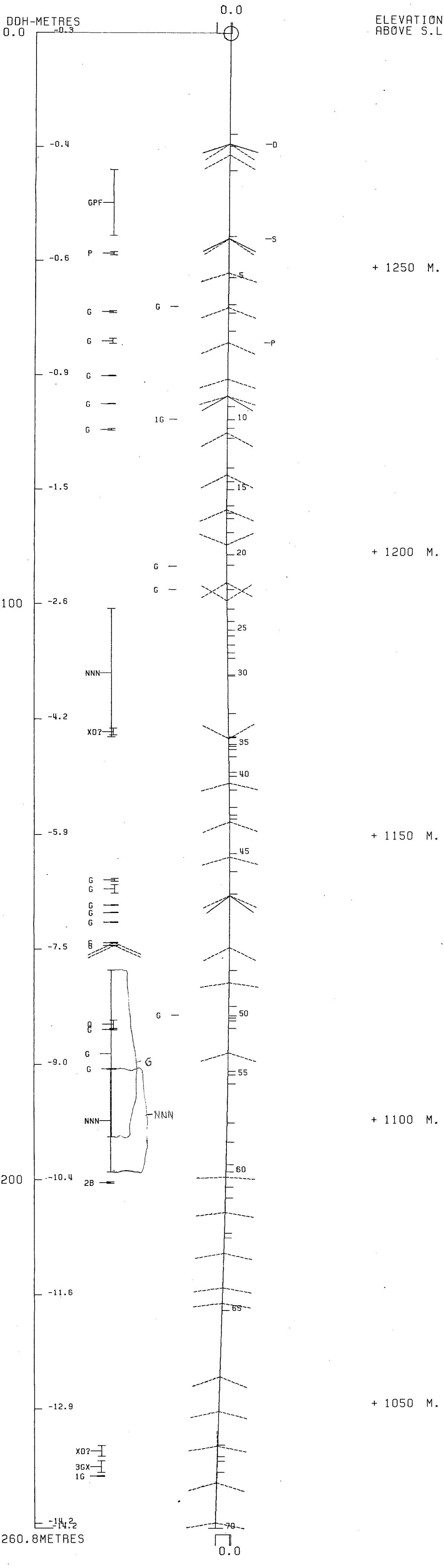
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1291 592346E ; 904951N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 496.3 Z = 1291.0

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 11 OCT 1984 2:41 PM

FAGA056

DRILL HOLE	:	FAGA056
NORTHING	:	904,995.8
EASTING	:	592,385.1
ELEVATION	:	1,299.8
TOTAL DEPTH	:	343.1
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:	67
NOS DOWN-H-SURVEYS:	5
NOS DOWN-H-LITHOLOGY:	99
NOS DOWN-H-STRUCTURE:	49
NOS DOWN-H-FAULTS:	41
NOS DOWN-H-SPLINES:	5
NOS COMPOSITES:	0

DDH: FAGA056 UTM-N: 904,995.8 UTM-E: 592,385.1 UTM-ELEV: 1,299.8 TOTAL DEPTH: 343.1 SECTION: W 72
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 %	TCT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
96.4	97.2	02499	.8	.7	4D42	2.94	.19	11.90	19.80	147.00		1.85	2	14	17						
97.2	98.8	02500	1.6	1.5	4A4	3.36	.04	3.26	6.94	42.00		.89	1	7	9						
98.8	100.3	06C51	1.5	1.5	4A4	3.48	.08	4.99	6.63	60.00		1.17	2	11	13						
100.3	102.6	06052	2.3	2.3	4A4	3.51	.03	2.71	4.79	37.00		.82		8	9						
102.6	104.0	06053	1.4	1.2	4A43	3.26	.02	1.76	3.69	26.00		.75		9	9						
104.0	106.1	90215	2.1	.2	F			1.98	3.54	30.20											
106.1	107.3	06054	1.2	1.2	4L14	3.27	.05	5.03	1.78	45.00		1.78		4	5						
107.3	108.4	06055	1.1	1.1	4C5	3.96	.05	2.01	1.21	23.00		.89		5	6						
108.4	110.1	06C56	1.7	1.7	4L4	3.17	.06	1.37	2.81	18.00		.69	3	3	7						
110.1	112.2	06057	2.1	.9	4D0	4.76	.09	2.54	6.17	37.00		.89	4	7	12						
112.2	115.4	06058	3.2	1.0	4L0	3.00	.01	.13	.38	2.00		.34	4	3	7						
115.4	118.3	06059	2.9	1.7	4D5	3.09	.10	1.81	3.76	27.00		.82	2	7	10						
118.3	119.5	06C60	1.2	1.2	4C5	2.84	.01	1.66	2.70	21.00	21.00	.27	1		1						
119.5	121.3	06061	1.8	1.8	4A4	3.06	.03	1.86	4.43	27.00		.62		7	8						
121.3	123.1	06062	1.8	1.2	4A4	3.24	.04	1.76	4.72	29.00		.62	1	12	13						
123.1	125.2	06063	2.1	1.7	4A4	3.36	.04	2.93	5.80	53.00		.96	1	13	14						
125.2	126.5	06C64	1.3	1.2	4D0	3.84	.03	1.80	3.92	41.00		1.92	2	24	27						
126.5	128.3	06065	1.8	1.8	4A4	3.40	.04	3.13	6.14	57.00		1.03	1	14	15						
128.3	130.1	06C66	1.8	1.8	4A4	3.16	.06	1.86	4.10	36.00		.89		10	11						
130.1	132.3	06067	2.2	1.5	4A0	2.97	.04	1.27	3.21	22.00		.62		5	6						
132.3	134.4	06068	2.1	1.2	4D0	3.00	.08	2.74	5.24	38.00		1.03	1	4	5						
134.4	135.6	06C69	1.2	1.0	4D0	3.05	.03	1.78	3.77	31.00		.75	1	6	7						
135.6	137.7	06070	2.1	1.2	4L14	2.94	.02	1.14	3.68	21.00	24.00	.34	2	3	5						
137.7	139.3	06071	1.6	1.6	4D0	3.23	.11	3.03	6.44	59.00		1.23	1	7	9						
139.3	141.2	06072	1.9	1.7	4D0	3.21	.05	3.17	5.24	46.00		1.71	2	7	9						
141.2	142.9	06073	1.7	1.4	4A4	3.15	.04	3.94	3.02	64.00		.41	1	8	9						
144.3	145.0	06C74	.7	.4	4L04	3.16	.06	2.55	5.24	40.00		.96	1	7	9						
145.0	147.2	06075	2.2	1.6	4D0	3.41	.03	2.81	5.02	48.00		.96	1	15	16						
147.2	148.7	06C76	1.5	1.4	4C5	3.55	.05	.56	2.68	19.00		1.58	2	20	22						
148.7	150.0	06077	1.3	1.3	4C5	3.47	.14	.77	1.22	24.00		1.92	1	25	27						
150.0	151.8	06C78	1.8	1.8	4A4	3.68	.10	3.69	3.64	52.00		2.19	1	17	18						
151.8	153.3	06079	1.5	1.2	4A4	3.85	.06	5.60	8.60	82.00		1.71	1	17	19						
153.3	154.9	06080	1.6	.7	4LD	3.39	.06	1.00	4.57	17.00	17.00	1.37	4	12	17						
154.9	156.9	06081	2.0	2.0	4A4	3.39	.03	4.52	8.75	75.00		1.10	1	9	10						
156.9	159.0	06082	2.1	1.4	4A4	3.34	.02	2.93	6.59	49.00		1.10	1	10	12						
161.4	163.1	06083	1.7	1.5	4D4	3.64	.07	6.96	10.20	118.00		2.19	1	11	13						
166.2	166.8	06084	.6	.6	4D4*	3.90	.05	7.19	16.00	127.00		1.03	3	12	16						
167.9	168.6	06085	.7	.6	4A14	3.23	.02	4.17	7.32	66.00		1.10	2	8	10						
168.6	170.0	06086	1.4	1.4	4D4	3.46	.06	7.13	12.20	136.00		1.10	4	10	14						
170.4	172.4	06C87	2.0	2.0	4D4	3.47	.06	6.92	12.50	123.00		1.65	3	7	10						
172.4	173.7	06088	1.3	1.2	4D0	3.27	.03	1.81	3.83	28.00		1.03	3	8	12						
173.7	175.3	06C89	1.6	1.4	4D4	3.59	.04	6.38	11.60	109.00		1.30	3	11	14						
175.3	176.4	06090	1.1	1.1	4K4	3.84	.12	5.27	11.40	110.00	103.00	1.58	5	13	18						
176.4	177.4	06C91	1.0	1.0	4D4&	3.78	.04	7.97	15.40	140.00		1.58	1	12	13						
180.7	181.3	06092	.6	.5	4D4&	4.11	.24	2.52	10.50	118.00		2.26	4	22	26						

DDH: FAGA056 UTM-N: 904,995.8 UTM-E: 592,385.1 UTM-ELEV: 1,299.8 TOTAL DEPTH: 343.1 SECTION: W 72
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.
184.5	185.5	06093	1.0	.8	4DK4	3.73	.04	2.98	7.29	65.00		1.10	1	19	20						
185.5	186.0	90216	.5	.5	4L04			1.08	1.80	15.10											
186.0	187.2	06094	1.2	1.2	4E14	4.11	.20	6.63	10.50	126.00		2.40	1	22	24						
187.2	188.5	06095	1.3	1.1	4D56	3.83	.21	5.43	4.58	84.00		2.19	1	22	23						
188.5	189.8	06C96	1.3	1.3	4D56	4.33	.07	5.96	11.80	123.00		.69	1	27	28						
189.8	190.7	06097	.9	.9	4G4	4.83	.11	8.19	16.70	170.00		1.78		28	29						
190.7	191.4	06098	.7	.7	4K64	4.34	.11	1.66	3.53	54.00		.96	1	32	34						
191.4	192.9	06C99	1.5	1.3	4G4	4.78	.16	5.65	7.00	92.00		1.85		35	36						
192.9	194.8	06100	1.9	1.8	4G4	4.67	.25	7.53	11.90	141.00	122.00	.13	1	30	31						
194.8	196.2	06101	1.4	1.4	4A4	3.13	.08	3.33	5.98	59.00		.75	2	6	8						
202.4	203.6	06102	1.2	.3	4A1	2.97	.07	.78	1.16	15.00		.55		7	8						
203.6	206.7	06103	3.1	.3	4A1		.02	.16	.51	6.00											
257.1	258.6	06104	1.5	1.4	4A0		.09	.15	.50	4.00											
258.6	260.1	06105	1.5	1.3	4A0		.13	.08	.25	6.00											
260.1	261.7	06106	1.6	1.5	4A0		.15	.03	.88	6.00											
261.7	263.2	06107	1.5	1.5	4A0		.09	.05	.34	4.00											
265.2	265.8	06108	.6	.6	4A0	3.02	.10	.05	2.31	6.00		.21	3	7	10						
265.8	266.8	06109	1.0	1.0	4E4	3.95	.09	4.48	7.88	68.00		.96	1	23	24						
266.8	268.3	06110	1.5	1.3	4A0	3.36	.10	1.14	1.98	20.00		.27	2	13	16						
297.2	298.3	06111	1.1	1.1	4C0	3.79	.26	1.48	1.86	32.00		.69	1	19	21						
298.3	300.1	06112	1.8	1.6	4D42	4.09	.10	4.49	5.47	85.00		1.03	5	19	24						
300.7	302.1	06113	1.4	1.0	4D24	3.90	.25	5.23	6.05	105.00	83.00	1.99	3	18	21						
WEIGHTED AVERAGE																					
96.4	142.9		46.5	35.3		3.13	.04	2.43	4.40	36.34	1.62	.83	1	7	9						
144.3	159.0		14.7	11.8		3.48	.05	2.83	5.33	46.93	1.85	1.41	1	15	16						
161.4	163.1		1.7	1.5		3.64	.07	6.96	10.20	118.00		2.19	1	11	13						
166.2	166.8		.6	.6		3.90	.05	7.19	16.00	127.00		1.03	3	12	16						
167.9	170.0		2.1	2.0		3.38	.04	6.14	10.57	112.66		1.10	3	9	13						
170.4	177.4		7.0	6.7		3.56	.05	5.73	10.92	102.54	16.18	1.43	3	10	13						
180.7	181.3		.6	.5		4.11	.24	2.52	10.50	118.00		2.26	4	22	26						
184.5	196.2		11.7	11.0		4.02	.14	5.32	8.63	100.18	19.81	1.20	1	23	25						
202.4	206.7		4.3	.6		.82	.03	.33	.69	8.51		.15		2	2						
257.1	263.2		6.1	5.7			.11	.07	.49	5.01											
265.2	268.3		3.1	2.9		3.48	.09	2.00	3.94	32.77		.48	2	15	18						
297.2	300.1		2.9	2.7		3.97	.16	3.34	4.10	64.89		.90	3	19	23						
300.7	302.1		1.4	1.0		3.90	.25	5.23	6.05	105.00	83.00	1.99	3	18	21						

DDH: FAGA056 UTM-N: 904,995.8 UTM-E: 592,385.1 UTM-ELEV: 1,299.8 TOTAL DEPTH: 343.1 SECTION: W 72
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	179.800	165.000
121.900	171.500	128.000
182.900	171.000	116.000
243.800	173.000	163.000

DDH: FAGA056 UTM-N: 904,995.8 UTM-E: 592,385.1 UTM-ELEV: 1,299.8 TOTAL DEPTH: 343.1 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
33.1	0001	#		0.5-	1
44.1	0002	5B0		0.5-	1
50.0	0003	5D0	(10Q0#) 50:50	0.5-	1
53.9	0004	5B80		0.5-	1
57.3	0005	5DC		0.5-	1
58.5	0006	5B0		0.5-	1
67.4	0007	5BC		0.5-	1
72.0	0008	5B80		0.5-	1
73.9	0009	5DC		0.5-	1
75.9	0010	5B80		0.5-	1
79.6	0011	5D0		0.5-	1
80.2	0012	5B86		0.5-	1
82.9	0013	5DC		0.5-	1
90.6	0014	5B80		0.5-	1
94.2	0015	5B26	$ (5A6$)	0.5-	1
96.4	0016	5A6		0.5-	1
97.2	0017	4D42	[4J2]	0.5-	1
104.0	0018	4A4	(4A43) E.O.I.	0.5-	1
106.1	0019	*	FAULT NO CORE	0.5-	1
107.3	0020	4L14	2 (4D0)	0.5-	1
108.4	0021	4C5		0.5-	1
109.4	0022	4L4		0.5-	1
110.1	0023	5D4@	[4L@]	0.5-	1
112.2	0024	4D0	(4L3) GOUGE	0.5-	1
115.4	0025	4LC	RUBBLE	0.5-	1
119.5	0026	4D5	(4C0)	0.5-	1
125.2	0027	4A4	(4D4)	0.5-	1
126.5	0028	4DC	(4D5)	0.5-	1
132.3	0029	4A4	(4D4) (4A0) E.O.I.	0.5-	1
135.6	0030	4DC	(4A14)	0.5-	1
137.7	0031	4L14	[4D0 SERICITIC]	0.5-	1
141.2	0032	4D0	(4L14)	0.5-	1
142.9	0033	4A4		0.5-	1
145.0	0034	4L35	->(4L4) ->(4L04) 74:01:25	0.5-	1
147.2	0035	4DC	(4A0)	0.5-	1
150.0	0036	4C5	(4A1)	0.5-	1
153.3	0037	4A4	(4D4)	0.5-	1
154.9	0038	4L0	(4D0)	0.5-	1
159.0	0039	4A4		0.5-	1
159.9	0040	5B46		0.5-	1
161.4	0041	4L1		0.5-	1
163.1	0042	4D64	[4D4] (5B26)	0.5-	1
166.2	0043	4L0		0.5-	1
166.8	0044	4D4*	BXA	0.5-	1
167.9	0045	4LC		0.5-	1
168.6	0046	4A14	[4D5]	0.5-	1
170.0	0047	4D4	(4L0)	0.5-	1
170.4	0048	4LC	GOUGE	0.5-	1
172.4	0049	4D4	(4A14 [4D5])	0.5-	1
175.3	0050	4D0	(4L0) (4D4) E.O.I.	0.5-	1
176.4	0051	4K4	(4L5)	0.5-	1

DDH: FAGA056 UTM-N: 904,995.8 UTM-E: 592,385.1 UTM-ELEV: 1,299.8 TOTAL DEPTH: 343.1 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
177.4	0052	4D4@		0.5-	1
178.0	0053	4LC		0.5-	1
178.8	0054	5B6		0.5-	1
180.7	0055	5B6	GOUGE	0.5-	1
181.3	0056	4D4@		0.5-	1
184.5	0057	4LC	GOUGEY	0.5-	1
185.5	0058	4D4	(4K4)	0.5-	1
186.0	0059	4LO4	GOUGE	0.5-	1
187.2	0060	4E14	(4D4)	0.5-	1
189.8	0061	4D56	4	0.5-	1
190.7	0062	4G4		0.5-	1
191.4	0063	4K64		0.5-	1
194.8	0064	4G4	(4K64)	0.5-	1
196.2	0065	4A4		0.5-	1
200.1	0066	5D4*	[4LO]	0.5-	1
202.4	0067	4L1		0.5-	1
206.7	0068	4A1		0.5-	1
215.1	0069	5B6	[3GO]	0.5-	1
217.5	0070	4LC	(5B6 [3GO])	0.5-	1
232.5	0071	5B6	[3GO] (5D6) MINOR	0.5-	1
238.0	0072	5B86		0.5-	1
242.7	0073	3GC	[5B6] (3D2 BIO)	0.5-	1
243.6	0074	5D6		0.5-	1
252.5	0075	3GC	[5B6]	0.5-	1
256.7	0076	3GC	[5B6] (5BO)	0.5-	1
257.1	0077	4LC		0.5-	1
263.2	0078	4AC	(5B296)	0.5-	1
265.2	0079	5D4*	GOUGE [4LO]	0.5-	1
265.8	0080	4AC		0.5-	1
266.8	0081	4E4	(4A4)	0.5-	1
268.3	0082	4AO	(4E4)	0.5-	1
273.0	0083	5B6	&C [3GO]	0.5-	1
274.3	0084	4L3	(4L34)	0.5-	1
280.7	0085	5B6	(5BO) [3GC]	0.5-	1
281.7	0086	4LC	(4L3)	0.5-	1
287.2	0087	5AC	GOUGE	0.5-	1
295.7	0088	5AC		0.5-	1
297.2	0089	4LC		0.5-	1
298.3	0090	4CC	(4D24 BXA)	0.5-	1
300.1	0091	4D42	8 BXA	0.5-	1
300.7	0092	4LO	GOUGE	0.5-	1
302.1	0093	4D24	$	0.5-	1
304.2	0094	5BO	(4LO) GOUGE	0.5-	1
318.2	0095	4L5	GOUGE	0.5-	1
332.2	0096	5D4*	(4L5) [4LO]	0.5-	1
336.0	0097	4L5		0.5-	1
338.0	0098	4LC		0.5-	1
343.2	0099	5BO1	BIO	0.5-	1

DDH: FAGAO56 UTM-N: 904,995.8 UTM-E: 592,385.1 UTM-ELEV: 1,299.8 TOTAL DEPTH: 343.1 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
FAGAO56	0.0	35.7		0	0	43	0	63	230	0	1	1	1
FAGAO56	0.0	41.8		0	0	0	0	59	230	0	1	1	1
FAGAO56	0.0	49.7		0	0	44	0	53	230	0	1	1	1
FAGAO56	0.0	56.1		0	0	0	0	60	230	0	1	1	1
FAGAO56	0.0	60.2		0	0	0	0	58	230	0	1	1	1
FAGAO56	0.0	68.0		0	0	0	0	67	230	0	1	1	1
FAGAO56	0.0	75.9		0	0	0	0	59	230	0	1	1	1
FAGAO56	0.0	81.8		0	0	0	0	62	230	0	1	1	1
FAGAO56	0.0	87.8		0	0	0	0	66	230	0	1	1	1
FAGAO56	0.0	95.1		0	0	0	0	76	230	0	1	1	1
FAGAO56	0.0	101.5		42	0	0	0	0	230	0	1	0	0
FAGAO56	0.0	107.6		0	0	0	0	63	230	0	1	1	1
FAGAO56	0.0	116.1		62	0	0	0	0	230	0	1	0	0
FAGAO56	0.0	122.8		0	0	0	0	30	230	0	1	1	1
FAGAO56	0.0	129.2		0	0	0	0	84	230	0	1	1	1
FAGAO56	0.0	135.3		0	0	0	0	67	230	0	1	1	1
FAGAO56	0.0	141.4		0	0	0	0	65	230	0	1	1	1
FAGAO56	0.0	148.1		59	0	0	0	0	230	0	1	0	0
FAGAO56	0.0	155.1		72	0	0	0	0	230	0	1	0	0
FAGAO56	0.0	162.5		57	0	0	0	0	230	0	1	0	0
FAGAO56	0.0	168.2		0	0	0	0	74	230	0	1	1	1
FAGAO56	0.0	174.3		0	0	0	0	72	230	0	1	1	1
FAGAO56	0.0	177.4		0	0	0	0	82	230	0	1	1	1
FAGAO56	0.0	185.3		55	0	0	0	0	230	0	1	0	0
FAGAO56	0.0	192.0		69	0	0	0	0	230	0	1	0	0
FAGAO56	0.0	199.0		0	0	0	0	57	230	0	1	1	1
FAGAO56	0.0	208.5		0	0	0	0	70	230	0	1	1	1
FAGAO56	0.0	214.3		0	0	0	0	65	230	0	1	1	1
FAGAO56	0.0	222.5		0	0	0	0	70	230	0	1	1	1
FAGAO56	0.0	229.8		0	0	0	0	72	230	0	1	1	1
FAGAO56	0.0	235.0		0	0	58	180	84	230	0	1	1	1
FAGAO56	0.0	241.1		0	0	0	0	76	230	0	1	1	1
FAGAO56	0.0	246.9		0	0	0	0	72	230	0	1	1	1
FAGAO56	0.0	252.7		0	0	73	180	86	230	0	1	1	1
FAGAO56	0.0	257.3		0	0	0	0	80	230	0	1	1	1
FAGAO56	0.0	263.0		0	0	45	0	78	230	0	1	1	1
FAGAO56	0.0	268.8		0	0	0	0	68	230	0	1	1	1
FAGAO56	0.0	274.9		0	0	0	0	74	230	0	1	1	1
FAGAO56	0.0	280.4		0	0	0	0	70	230	0	1	1	1
FAGAO56	0.0	288.3		0	0	0	0	80	230	0	1	1	1
FAGAO56	0.0	293.2		0	0	0	0	61	230	0	1	1	1
FAGAO56	0.0	299.9		84	0	0	0	0	230	0	1	0	0
FAGAO56	0.0	308.5		0	0	0	0	74	230	0	1	1	1
FAGAO56	0.0	313.0		0	0	0	0	10	230	0	1	0	0
FAGAO56	0.0	319.9		0	0	0	0	62	230	0	1	1	1
FAGAO56	0.0	326.1		0	0	0	0	73	230	0	1	1	1
FAGAO56	0.0	333.1		0	0	0	0	82	230	0	1	1	1
FAGAO56	0.0	339.2		0	0	0	0	75	230	0	1	1	1
FAGAO56	0.0	343.2		0	0	0	0	75	230	0	1	1	1

DDH: FAGA056 UTM-N: 904,995.8 UTM-E: 592,385.1 UTM-ELEV: 1,299.8 TOTAL DEPTH: 343.1 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
FAGA056	33.1	44.0	1B				0	0	0	0	0	0	1
FAGA056	56.9	57.3	G				0	0	0	0	0	0	1
FAGA056	0.0	58.5	1G				0	0	0	0	0	0	1
FAGA056	0.0	60.2	1G				46	0	0	0	60	0	1
FAGA056	66.1	67.3	QG				68	0	0	0	0	0	1
FAGA056	0.0	75.5	1G				0	0	99	999	0	0	1
FAGA056	94.1	96.4	P	3			0	0	0	0	0	0	1
FAGA056	0.0	96.4	RX				0	0	0	0	0	0	1
FAGA056	104.0	106.0	PFR				0	0	0	0	0	0	1
FAGA056	110.1	112.1	PG				0	0	0	0	0	0	1
FAGA056	112.1	115.3	RP	2			0	0	0	0	0	0	1
FAGA056	118.8	119.1	GX				0	0	0	0	0	0	1
FAGA056	119.4	125.2	1R				0	0	0	0	0	0	1
FAGA056	0.0	132.2	GP				0	0	0	0	0	0	1
FAGA056	132.2	141.2	2R				0	0	0	0	0	0	1
FAGA056	153.2	154.8	PR	3			0	0	0	0	0	0	1
FAGA056	166.1	166.8	XD?				0	0	0	0	0	0	1
FAGA056	170.0	170.3	GX				0	0	0	0	0	0	1
FAGA056	178.7	180.6	G				0	0	0	0	0	0	1
FAGA056	181.2	184.5	2G				0	0	0	0	0	0	1
FAGA056	185.4	186.0	G				0	0	0	0	62	72	1
FAGA056	202.4	206.6	PF	0			0	0	0	0	0	0	1
FAGA056	208.1	208.4	G				0	0	0	0	99	999	1
FAGA056	0.0	222.5	1G				25	270	0	0	52	270	1
FAGA056	0.0	225.8	1G				0	0	0	0	0	0	1
FAGA056	0.0	252.4	1B				0	0	0	0	0	0	1
FAGA056	263.1	265.1	GB				67	0	0	0	0	0	1
FAGA056	265.1	265.7	XQ				0	0	0	0	0	0	1
FAGA056	0.0	267.3	GP				0	0	0	0	0	0	1
FAGA056	0.0	275.3	1G				0	0	0	0	0	0	1
FAGA056	0.0	278.2	1G				0	0	0	0	0	0	1
FAGA056	281.6	287.1	G				99	999	20	180	99	999	1
FAGA056	287.1	295.6	1G				0	0	0	0	0	0	1
FAGA056	296.8	297.4	GX				0	0	0	0	0	0	1
FAGA056	298.3	300.1	X				0	0	0	0	0	0	1
FAGA056	300.1	300.7	G				0	0	0	0	0	0	1
FAGA056	302.0	304.1	G				0	0	0	0	0	0	1
FAGA056	304.1	318.1	G				0	0	0	0	0	0	1
FAGA056	318.1	332.1	1G				0	0	0	0	0	0	1
FAGA056	332.1	335.9	P	8			0	0	0	0	0	0	1
FAGA056	0.0	339.8	G				0	0	0	0	0	0	1

DDH: FAGA056 UTM-N: 904,995.8 UTM-E: 592,385.1 UTM-ELEV: 1,299.8 TOTAL DEPTH: 343.1 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA056	1	2
FAGA056	2	2
FAGA056	3	2
FAGA056	4	2
FAGA056	5	1

CYPRUS ANVIL MINING CORPORATION

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DIAMOND DRILL CORE LOG

Date: 20 MAY/81

Hole Number: FAGA 056

Reference Fabric Orientation Diagram:

Project: GRUM

Location: SECTION 72W

Claim:

~~UTM~~ Terr. Plane Co-ords.: 6904995.8 N

1979 HIW orthophoto Survey

592385.1 E

Grid Co-ords:

All symmetry determinations looking

Elevation: 1299.8m _____ with _____ dipping

Total Depth: _____ _____ with dip azimuth _____.

Purpose: RE-LOG GRUM

Reason hole Terminated:

Logged by: GG Date(s) Logged: 20/5/81

Drilling Contractor:

CORE Size	From	To

Collar Cased and Capped: _____

Hole Cemented:

Steel down hole:

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 75-A056
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	75-A056	1299.8	904995.8	592385.1	FEET

Feet

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-A056	0 0	180.0	0.0	AT COLLAR
R	75-A056	200.0	179.8	165.0	SPERRY SUN
R	75-A056	400.0	171.5	128.0	
R	75-A056	600.0	171.0	116.0	
R	75-A056	800.0	173.0	163.0	
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 FAGA056 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 3 of 14

Date: 20/5/81 Logged By: GG

CHECKED RT

UNITS = FEET

	Code	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
32.9	L	0	1087		001	*	OVERBURDEN
44.0	L	1087	1446		2	5B0	COMMON ZONES OF BRECCIA CORE
50.0	L	1446	1639		3	5D3	50% OF UNIT COMPRISES QZ-CB VEINS
53.9	L	1639	1770		4	5B8B3	
57.3	L	1770	1880		5	5D3	
58.5	L	1880	1920		6	5B0	HANGINGWALL CONTACT MARKED BY 30cm GOUGE; FOOTWALL CONTACT BY 4cm GOUGE; MOD. SERECITIC THROUGHOUT;
67.4	L	1920	2211		7	5B0	GOUGE (3cm) @ 197.6 (60.22); INTENSE QZ VEINING AND GOUGE (PROB. FAULT) @ 217.0 – 221.1 ft; (60.2m, 66.1)
72.0	L	2211	2361		8	5B8B3	
73.9	L	2361	2425		9	5D3	
75.9	L	2425	2490		10	5B8B3	10cm GOUGE @ 248.0 ft;
79.6	L	2490	2610		11	5D3	
80.2	L	2610	2630		12	5B8B6	
82.9	L	2630	2720		13	5D3	
90.6	L	2720	2973		14	5B8B3	
91.2	L	2973	3090		15	5B2B3	-DOLOMITIC + (5A3);
96.9	L	3090	3164		16	5A6	NOTE - 2.8ft RECOVERY; - NO GOUGE SEEN - MISMEASURED?; F/W CNT IN RUBBLE;
97.2	L	3164	3189		17	4D4J2	+(almost 4J2); +minor cpy; some 4A0 BRECCIA CLASTS; F/W CONTACT PROB. CONFORMABLE
104.0	L	3189	3413		18	4A4	LOOKS LIKE 4DO WITH CARBON; F/W CNT CONFM;
106	L	3413	3480		20	*	FAULT - NO CORE - DRILLER'S "SAND" MARKER IN CORE BOX
107.2	L	3480	3520		21	4L14	/2/ + (4DO); F/W CNT PROB CNFM;
108.4	L	3520	3558		22	4C5	F/W CNT CONFM;
109.4	L	3558	3590		23	4L4	F/W CNT CONFM;
110.1	L	3590	3613		24	4L5	ANKERITE + FUCHSITE (2%); F/W CNT CONFM;
112.2	L	3613	3680		25	4D0	+(4L3) - MOST OF UNIT COMPRISED OF GOUGE AND NO RECOVERY; (+F/W CNT)
115.4	L	3680	3785		26	4L0	RECOVERY = 3ft; DOMINANTLY RUBBLE IN BOX;

C.A.M.C. 1981 – E-3

DDH FAGA.056 (2–8)

UNITS = FEET

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 20/5/81 Logged By: GG

	Code	From	To	Recov.	No.	Unit	Description	FOOTWALL CONTACT TYPE	ANGLE
	1	10–14	16–20	22–24	26–28	30–34	35		
119.4	L	3785	3920		27	4D5	+(4C0)+(DK BROWN, SILICA	RUBBLE	
							CEMENTED (FAULT?) BRECCIA)		
							→ASS'D WITH GOUGE AT		
							390.0-391.0 ft;		
							(SPECIMEN TAKEN)		
125.2	L	3920	4108		28	4A4	+(4D4); SMALL LOCAL SECTIONS		
							OF RUBBLE IN CORETBOX;		
126.5	L	4108	4149			4D~~4~~0	+(4D54)		
132.3	L	4149	4340		29	4A4	+(4D4); F/W CONTACT	GOUGE	
							MARKED BY 5cm OF GOUGE		
						(4A0)E0.1	BUT 60cm OF NO RECOVERY		
							INDICATE THIS MAY BE A		
							LARGE GOUGE ZONE;		
135.6	L	4340	4450		30	4D0	+(4A14); SEVERAL ZONES OF	CNFM	‖ S_2
							RUBBLE;		
135.5	L	4450	4518		31	4L14	[SERICITIC 4D0]; SEVERAL	CNFM	‖ S_2
							ZONES OF RUBBLE;		
141.2	L	4518	4633		32	4D~~4~~0	+(4L14); SEVERAL ZONES	FINE RUBBLE	
							OF RUBBLE;	(FAULT?)	
142.9	L	4633	4688		33	4A4		PROB CNFM	‖ S_2
145.0	L	4688	4757		34	4L35	+(4L4)@ 473.3-473.9 ft	RUBBLE	
							+(4L0)4@ 473.9-475.7 ft;		
							SERECITE, TALC & CLAY (KAOLINITE)		
							PRESENT;		
147.2	L	4757	4829		35	4D~~4~~0	+(4A0);	NOT DETER.	
150.0	L	4829	4922		36	~~4D0~~	+(4A1) 4C5	CNFM	‖ S_2
153.3	L	4922	5029		37	4A4	+(4D4)	RUBBLE	
154.9	L	5029	5082		38	4L0	+(4D0); 2.0ft RECOVERY,	CNFM	‖ S_2
							MAINLY RUBBLE – FAULT?		
159.0	L	5082	5217		39	4A4	F/W CONTACT PROB. FAULT	RUBBLE	
159.8	L	5217	5245		40	5B46	S_2 DIFF ON EACH SIDE	UNCNFM	
							OF F/W CONTACT		
161.4	L	5245	5296		41	4L1		MINOR RUBBLE	
163	L	5296	5350		42	4D64	+(5B26)	MINOR RUBBLE	
166.2	L	5350	5452		43	4L0		MINOR RUBBLE	
168.8	L	5452	5474		44	4D4*	+BRECCIATED	QZ VN	

DDH F.A.G.A.0.5.6 (2–8)

UNITS = FEET

Cyprus Anvil Mining Corp.

Lithologic Log

Page 5 of 14

Date: 20/5/81 Logged By: GG

	Code	From	To	Recov.	No.	Unit	Description	FOOTWALL CONTACT TYPE	∡
	1	10–14	16–20	22–24	26–28	30–34	35		
167.9	L	5474	5507		45	4L0	Mn(?) STAINED;	PROB. CNFM	∥S_2
168.6	L	5507	5530		46	4A14		CNFM	∥S_2
170.0	L	5530	5579		47	4D4	+(4L0)	—	
170.1	L	5579	5590		48	4L0	GOUGE ZONE	—	
172.4	L	5590	5655		49	4D4	+(4A14); H/W MARKED BY	MINOR RUBBLE	
							SULPHIDE BRECCIA - PROB		
							ASS'D WITH UNIT 48		
							GOUGE;		
175.3	L	5655	5750		50	4D4	+(4L0) (4D4) E.O.I	CNFM	∥S_0
176.4	L	5750	5789		51	4K4	+(4L5)	4L5 RUBBLE	
177.4	L	5789	5820		52	4D4*	ANKERITIC	MINOR RUBBLE	
178	L	5820	5840		53	4L0		MINOR RUBBLE	
178.7	L	5840	5865		54	5B6		—	
180.7	L	5865	5928		55	5B6	GOUGE ZONE	—	
181.3	L	5928	5947		56	4D4*	ANKERITIC (= UNIT 52?).	3cm GOUGE	
184.5	L	5947	6054		57	4L0	50% OF UNIT IS GOUGE	RUBBLE	
185.5	L	6054	6085		58	4DK4		—	
186.0	L	6085	6104		59	4L04	GOUGE ZONE	—	
187.2	L	6104	6143		60	4E14	+(4D4).		∥S_0
189.8	L	6143	6227		61	4D56	/4/.	—	
190.7	L	6227	6255		62	4G4	DECOMPOSED TO SULPHIDE SAND,	—	
							CONTAINS HONEY SPHALERITE;		
191.4	L	6255	6280		63	4K64			∥S_0
194.8	L	6280	6390		64	4G4	+(4K64); DECOMPOSED TO	RUBBLE	
							GRITTY CORE SURFACE;		
							CONTAINS HONEY SPHALERITE;		
196.2	L	6390	6437		65	4A4			∥S_2
200.1	L	6437	6566		66	4L0	LOCAL FUCHSITE		∥S_2
202.4	L	6566	6641		67	4L1		RUBBLE	
206.7	L	6641	6780		68	4A14	HIGH K.A. ASSAY BUT Pb-Zn-S	CNFM?	∥S_2?
							NOT SEEN; 1.0ft RECOVERY -		
							PROB. FAULT		
215.1	L	6780	7057		69	5B6	[3G2]+(5B0); GOUGE AT		∥S_2
							682.8-683.9ft;		
217.5	L	7057	7137		70	4L0	+(5B6 [3G2])		∥S_2

DDH EAGA056 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 20/5/81 Logged By: GG

UNITS = FEET

	Code	From	To	Recov.	No.	Unit	Description	FOOTWALL CONTACT TYPE	FOOTWALL CONTACT %
	1	10 14	16 20	22 24	26 28	30 34	35		
232.5	L	7137	7627		71	5B16	[3G2] + (5B6 - FINE GRAINED)		11 S_2
							+ (5D6 - MINOR); [GOUGES] AT		
							730.0 ft (2cm) & 741.0 ft (35cm)		
238.0	L	7627	7810		72	5B16	[3G]		11 S_2
242.7	L	7810	7962		73	3G21	[5B6] + (3D2 (T)?) → BROWN TINT		
							IMPARTED BY BIOTITE;		
243.6	L	7962	7993		74	5D16			11 S_2
252.5	L	7993	8284		75	3G21	[5B6]; 4cm BROKEN CORE ZONE		11 S_2
							AT 828.2 ft.		
256.7	L	8284	8412		76	3G21	[5B6] + (5B0)	QZ VN →	FAULT?
257.1	L	8412	8436		77	4L10	SOME Mn-STAIN		11 S_2
263.2	L	8436	8635		78	4A01	+ (5B296)	[GOUGE]	
265.2	L	8635	8700		79	4L10	40% OF UNIT IS [GOUGE] &	RUBBLE	
							BROKEN CORE; LOCALLY		
							ABUNDANT FUCHSITE;		

DDH FAGA056 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 20/5/81 Logged By: GG

UNITS = FEET

	Code	From	To	Recov.	No.	Unit	Description	FOOTWALL CONTACT TYPE	X
	1	10–14	16–20	22–24	26–28	30–34	35		
296.3	L	8700	8720		76	4A0	CRACKLE BRECCIA		‖S₀/S₂
266.8	L	8720	8753		77	4E4	+(4A4) → 879.1–880.3 ft	RUBBLE	PROB ‖S₂
268.3	L	8753	8803		78	4A0	+(4E4); 6cm GOUGE @ 877.0 ft → 0.7 ft CORE MISSING		PROB ‖S₂
273.0	L	8803	8957		79	5B6	[3G] +(5B0)		‖S₂
274.3	L	8957	9000		80	4L3	+(4L34)		‖S₂
280.7	L	9000	9208		81	5B6	[3G] + (5B0); GOUGES @		‖S₂
							903.3 (15cm), 913.0 (13cm);		
281.7	L	9208	9242		82	4L0	+(4L3) (275.3m) (278.3m)	—	
287.3	L	9242	9421		83	5A3	GOUGE ZONE	—	
295.7	L	9421	9700		84	5A3	SEVERAL SMALL GOUGES	QZ VN.	– 8cms.
297.2	L	9700	9750		85	4L0	F/W 25cm GOUGE	GOUGE	
298.3	L	9750	9787		86	4C0	+(4D24) → @975.0–976.0; H/W BRECCIA –		‖S₀
							4E0+4E4 CLASTS IN 4D4		
							MATRIX; QZ VUGS IN 4C0;		
300.1	L	9787	9847		87	4D42	8/+(almost 4J2)+BRECCIATED	—	
							AND SULPHIDE HEALED		
							ZONES;		
300.7	L	9847	9866		88	4L0	GOUGE ZONE	—	
302.1	L	9866	9910		89	4D24	/*/ CALCAREOUS.	—	
304.2	L	9910	9980		91	5B0	+(4L0) GOUGE ZONE	—	
318.2	L	9980	10438		92	4L5	60% OF UNIT IS GOUGE	GOUGE	
331.9	L	10438	10898		93	4L0	+(4L5) – LOCALLY ABUNDANT	20 cm	
							FUCHSITE; COMMON	QZ VN.	
							SHORT GOUGE ZONES;		
336.0	L	10898	11022		94	4L5	15% MISSING CORE;	10cm GOUGE	
338.0	L	11022	11090		95	4L0		2cm QZ VN.	
343.2	L	11090	11260		96	5B31	– LOOKS LIKE GENERAL DK BROWN		
							TINT ON 5B – BROWN		
							PROB. BIOTITE;		
							30 cm GOUGE @ 1115.0 ft; (339.7m)		
							END OF HOLE @ 1126.0		

DDH EAGA0,56 (2 / 8) Cyprus Anvil Mining Corp. Page 9 of 14

Structural Log Date: 20/5/81 Logged By: GG

UNITS = FEET

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		11170				43 100	63	
S		11370					59	
S		11630				44 010	53	
S		11840					60	
		11880						FAULT - CNT'S ?
S		11976					58	GOUGE @ H/W 46°
								F/W ~ 60°
	12117 0	12121 1						QZ VN - FAULT? H/W 68° ∥ S_2
								F/W ?
S		12123 0					67	
S		12419 0					59	(LOCAL GOUGE ∥ S_2)
S		12685					62	
S		12880					66	VARIABLE
S		31120					76	LOCAL GOUGE ∥ S_2
S		13130			42			SULPHIDE BANDS + CARBON
S		13530					63	CARBON STREAKS IN 4A
S		13810			62			S-BANDS - LOCAL GOUGE CNTS?
S		14030					30	S-BAND + CARBON
S		14240					84	" "
S		14440					67	" "
								↕ -NO CNTS ON LOCAL POSS. FAULTS;
S		14640					65	CARBON STREAKS
S		14860			59			S-BANDS
S		15090			72			" ; NO CNTS ON LOCAL FAULTS
S		15130			57			"
S		15520					74	S-BANDS & C-STREAKS;
	15157 9	15159 0						GOUGE - CNTS @ ~75° (?)
S		15720					72	S-BANDS & C-STREAKS
S		15820					82	ALO
	15947	16054						GOUGE - H/W ~31° TO C.A.
								F/W ?
S		16080			55			S-BANDS
	16085							GOUGE H/W CNT ~65 ?
		16104						F/W ~62/110° @ wt S_2=72°
S		16300			69			S-BANDS
S		16530					57	ALO

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

DDH FAGA.056 (2–8) **Cyprus Anvil Mining Corp.** Page 10 of 14

Structural Log Date: 20/5/81 Logged By: GG

UNITS = FEET

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	
		6680						NO CNTS ON FAULT(?)
S		6840					70	GOUGE ∥S_2 (F/W); H/W?
								GOUGE @ 683 ft – CNTS?
S		7030					65	
S		7300					70	SMALL GOUGE @ 25/270 wrt S_2 (H/W).
								52/270 (F/W).
								GOUGE @ 741.0 – CNT ∥S_2?
S		7540					72	
S		7710				58 180	84	
S		7910					76	
S		8100					72	SMALL 6cm LOCAL GOUGE ∥S_2
S		8290				73 180	86	
S		8440					80	QZ VN (FAULT?) – H/W @18/00°
S		8630				45 00	78	F/W @ 80/00° ∥S_2
	8635							GOUGE H/W @~67/00°
								OTHER GOUGE CNT'S @ 25°, 29° TO C.A.
S		8820					68	NO CNTS NOTED ON LOCAL POSS. FAULTS
S		9020					74	LOCAL SMALL GOUGES ∥S_2
S		9200					70	92
	9242	9421						GOUGE – generally CNTS
								∥S_2; ONE WITHIN GOUGE
								@ ~20°/180°
S		9460					80	
S		9620					61	
	9740							GOUGE – H/W – ?
		9750						F/W ~73° TO C.A.
S		9840			84			S-BANDS
	9910	9980						GOUGE – H/W? F/W?
S		10120					74	GOUGES GENERALLY
								NOT DETERMINABLE;
								OTHERS ∥S_2; ONE →
								~70°/180°
S		10270					10	M-REGION? why should S_2 change? for
S		10495					62	
S		10700					73	LOCAL GOUGES HIGHLY VARIABLE
S		10930					82	

DDH FAGA056 (2–8) Cyprus Anvil Mining Corp. Page 11 of 14

Structural Log Date: 20/5/81 Logged By: GG

UNITS = FEET

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	
		1113 0					75	LOCAL SMALL POSS.
								FAULTS // S_2 @ ~ 50/00°
		1216 0					75	
								END OF HOLE @ 1126 ft

C.A.M.C. 1981 – E – 4

DDH FAGA056 Cyprus Anvil Mining Corp

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Logged by GG.

ASSAY LOG (SAMPLER'S COPY)

Date 20/5/81

Sampled by

UNITS = FEET

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
A	3164	3189	2499	25	22	4D42	
A	3189	3240	2500	51	49	4A4	
A	3240	3290	6051	50	50	4A4	
A	3290	3365	6052	75	75	4A4	
A	3365	3413	6053	48	38	4A3	+(4A43)
							341.3-348 - FAULT
A	3480	3520	6054	40	40	4L14	
A	3520	3558	6055	38	38	4C5	
A	3558	3613	6056	55	55	4L4	+4L5
A	3613	3680	6057	67	30	4D0	
A	3680	3785	6058	105	32	4L0	
A	3785	3880	6059	95	55	4D5	+(4C0)
A	3880	3920	6060	40	39	4~~D~~C5	+(4C0)
A	3920	3980	6061	60	60	4A4	+(4D4)
A	3980	4040	6062	60	39	4A4	+(4D4)
A	4040	4108	6063	68	56	4A4	+(4D4)
A	4108	4149	6064	41	41	4D~~4~~0	+(4D5~~4~~0)
A	4149	4210	6065	61	61	4A4	+(4D4)
A	4210	4270	6066	60	60	4A4	+(4D4)
A	4270	4340	6067	70	50	4A~~4~~0	
A	4340	4410	6068	70	40	4D0	+(4A14)
A	4410	4450	6069	40	32	~~4L14~~	4D0
A	4450	4518	6070	68	41	4L14	
A	4518	4570	6071	52	52	4D~~4~~0	+(4L14);
A	4570	4633	6072	63	57	4D4	+(4L14).
A	4633	4688	6073	55	47	4A4	
A	4733	4757	6074	24	14	4L04	+(4L4)
A	4757	4829	6075	72	52	4D~~4~~0	+(4A0).
A	4829	4880	6076	51	46	4~~D~~C5	+(4A1)
A	4880	4922	6077	42	42	4~~D~~C5	+(4A1)
A	4922	4980	6078	58	58	4A4	+(4D4)
A	4980	5029	6079	49	40	4A4	+(4D4)
A	5029	5082	6080	53	24	4L0	+(4D0)
A	5082	5147	6081	65	64	4A4	
A	5147	5217	6082	70	45	4A4	

Feet!

FAULT

DDH F.A.G.A.0.5.6 (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	1/1018 7	1/1446	1/B1					common zones of brken core
F	1/1870	1/1880	G 1					30 cm gouge
F		1/1920	1/G					4cm gouge
F		1/1976	1/G1		416 0101 0		610 0101 0	3cm gouge
F	121170	12121 1	Q/G		618 0101 0			qtz veining & gouge
F		12418 0	1/G			919 9191 9		10 cm gouge
F	13109 0	13116 4	P 1	3				2.8ft/7.4ft recovry - no gouge
F		13116 4	R/X1					rubble, some 4A0 bxa clasts
F	13141 3	13148 0	P/F/R					fault - no core - driller's sand.
F	13161 3	13168 0	P/G					gouge & no recovry
F	13168 0	13178 5	R/P1	2				3ft/10.5ft rubble in box
F	13191 0	13191 0	G/X1					bxa - brown, silica cemented w/ gouge
F	13192 0	14110 8	1/R1					small local sections of rubble
F		14131 4 0	G/P1					5cm gouge, 60 cm no recovry
F	14131 4 0	14161 3 3	2/R1					several zones of rubble
F	15012 9	15018 2	P/R1	3				2ft/5.7ft of rubble
F	15141 5 2	15141 7 4	X/D1?					bxiated
F	15157 9	15159 0	G/X1					gouge zone - ends in sulphide bxa 75° C.A.
F	15181 6 5	15191 2 8 6	G 1					gouge zone
F	15191 4 7	16101 5 4	2/G					50% of unit is gouge HW 31° C.A.
F	16101 8 5	16110 4	G 1				612 0172	gouge zone
F	16161 4 1	16171 8 1	P/F1	0				1.0ft/14ft recovry
F	16181 2 8	16181 3 9	G 1				999 9999	gouge
F		17131 0 0	1/G		215 2710		512 2710	2cm gouge
F		17141 1 0	1/G					30 cm gouge
F		18121 8 2	1/B1					4cm brken core zone
F	18161 3 5	18171 0 0	G/B1		617 0101 0			40% unit broken core & gouge
F	18171 0 0	18171 2 0	X/G					crackle bxa
F		18171 7 0	G/P1					gouge & 0.7ft missing core
F		19101 3 3	1/G					15cm gouge
F		19113 0	1/G					13 cm gouge
	19121 4 2	19142 1	G 1		999 9999	210 1810	999 9999	gouge zone

Feet

FAULT

DDH F.A.G.A.0.5.6 (2 8)

Cyprus Anvil Mining Corp.
Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip Direct. (28–32)	S_1 Dip Direct. (34–38)	S_2 Dip Direct (40–44)	Description
F	9421	9700	1G					several small gouges
	9740	9760	GX					upper part 25cm gouge
								in 4L0, lower part
								4E0 & 4E4 clasts in 4D4
								matrix
F	9787	9847	X					brxiated & sulphide-healed zones
F	9847	9866	G					gouge zone
F	9910	9980	G					gouge zone
F	9980	10438	G					60% of unit is gouge
F	10438	10898	1G					common short gouge zones
F	10898	11022	P	8				15% missing core
		11150	G					30 cm gouge

Footwall 75° C.A.

DDH EAGA056 Cyprus Anvil Mining Corp

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Logged by GG

ASSAY LOG (SAMPLER'S COPY) Date 20/5/81 Sampled by

UNITS = FEET

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
A	15219 6	15350	610813	154	150	4D64	+(5B26)
A	15415 2	15417 4	610814	122	126	4D4	
A	15510 7	15530	610815	123	121	4A14	
A	15530	15579	610816	149	149	4D4	+(4L0).
A	15590	16155	610817	165	165	4D4	+(4A14)
A	16155	17100	610818	145	138	4D40	+(4L0)
A	17100	17150	610819	150	146	4D4	+(4L0)
A	17150	17189	610910	139	139	4K4	+(4L5)
A	17189	18200	610911	131	139	4D4*	
A	19128	19147	610912	119	118	4D4*	
A	16054	16085	610913	131	127	4DK4	
A	16104	16143	610914	139	139	4E14	+(4D4)
A	16143	16185	610915	142	137	4D516	/4/
A	16185	16227	610916	142	142	4D516	/4/
A	16227	16255	610917	128	128	4G4	DECOMPOSED TO SAND
A	16255	16280	610918	125	125	4K64	
A	16286	16330	610919	150	144	4G4	+(4K64)
A	16330	16390	611010	160	158	4G4	+(4K64)
A	16390	16437	611011	147	146	4A4	
A	16641	16680	611012	139	110	4A1	V. POOR RECOVERY
A	16680	16780	611013	100	110	4A1	V. POOR RECOVERY
A	18436	18485	611014	149	146	4A0	+(5B296) NOT PREVIOUSLY
A	18485	18535	611015	150	144	4A0	+(5B296) SAMPLED BY
A	18535	18585	611016	150	150	4A0	+(5B296) KERR ADDISON -
A	18585	18635	611017	150	150	4A0	+(5B296) 1/2 CORE TAKEN BY
							CYPRUS ANVIL.

ITEM

DDH EAGA056 (2 8) Cyprus Anvil Mining Corp

Logged by GG

ASSAY LOG (SAMPLER'S COPY) Date 20/5/81 Sampled by

UNITS = FEET

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
A	8700	8720	61081	20	20	4A01	
A	8720	8753	61097	33	32	4E41	+(4A0).
A	8753	8803	61110	50	44	4A01	+(4E4).
A	9750	9787	61111	37	37	4C101	+(4D24)
A	9787	9847	61112	60	52	4D124	/*/
A	9866	9910	61113	44	32	4D12A	/*/
							END OF HOLE @ 1126.08'.

DDH F.A.G.A.R.56 (2 / 8) GEOTECH Cyprus Anvil Mining Corp. Page 8 of 14

~~Lithologic~~ Log Date: 20/5/81. Logged By: GG.

UNITS = FEET.

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	3 1 1 6 4					HANGING WALL → (5A6 + 5B23)
						↓ CORE GRAPHITIC & BROKEN INTO 1cm PIECES.
						/// ORE
						GENERALLY COMPETENT
						10ft 0ft
		6 7 8 0				FOOTWALL → (5B6)
						COMPETENT.
						ORE GOUGE 7cm.
						0ft 2ft 10ft
						↑ BROKEN ZONE
						*-also SOME HIGHLY GOUGED ZONES OF GANGUE WITHIN ORE
	8 7 0 0					HANGING WALL → (4LO)
						ORE
						GENERALLY HIGHLY FRACTURED
						10ft 0ft
		8 8 0 3				FOOTWALL → (4LO)
						ORE BROKEN MOD. COMPETENT - BREAKS INTO SMALL PIECES
						0ft 2ft 10ft

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY Vangorda "Grum", Kerr - AEX Joint Venture

D.D.H. No. A - 56 PAGE 1 of 14

LATITUDE 10 786.97 N - 6400N BEARING OF HOLE

Collar	200'	400'	600'	800'
	0	125°28	116°28	161°28

STARTED Oct. 30/74 D.S.

DEPARTURE 7691.92 E 12W DIP OF HOLE -90°

COMPLETED Nov. 14/74 D.S.

ELEVATION 4258.5 A.S.L. 785.3 P.A. Topog. (1310.39m)

DIP TESTS

-90°	-81°	-81°	-83°

* Sperry Sun Survey 1975

Proposed: 1180'

DEPTH Ultimate: 1126- (343.20m)

CLAIM No. GRUM 3

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
	344.09m														
0	102	OVERBURDEN													
			nil		0	24									
		0 - 24': Tricone down = gravel and small boulders	6/78			102									
		102': Cored granitic boulders, does not appear to be lg. boulders													
			4.7/												
102	153.3	QUARTZ-SERICITE PHYLLITE	22.0		102	124									
			1.7/												
		70 - 75% qtz. Light grey, banded with qtzose bands exhibiting	4.0			128									
		prominent F1 folds. A few intervals of buff colored sericite.	8.2/												
		Numerous qtz. veins. Negli py. Minor rusty fractures to 149'.	16.0			144									
		A few shears. C.A.: 70 at 105'; 55 at 109 - 113'; 70 at 115';	2.8/												
		60 at 120'; 65 at 124'; 75 at 126'; 60 at 128 - 133'; 75 at 135';	4.0			148									
		70 at 137 - 145'; 60 at 151'; 40 at 152'; 30 at 153'.	4.0/												
			5.5			153.5									
			1.6/												
153.5	225.0	QUARTZ-SERICITE PHYLLITE	6.5		153.5	160									
			5.2/												
		60 - 65% qtz and light to med. grey ser. (35 - 40%). Striped	7.0			167									
		Slightly altered, moderate shearing, appear to be leached (?)	3.2/												
		(rough core surface). F1 moderately developed locally. No sulphs	10.0			177									
		Core recovery poor. Shears at (153 - 162')?, 172' (?), 181 - 182';	5.7/												
		188 - 192'; 198 - 199'; 218 - 221'.	11.0			188									
		C.A.: Note: Low core angle beginning 152'.	2.6/4			192									
		60 at 154'; 40 at 161'; 50 at 165 - 176'; 40 at 177'; 45 at 178';	8/8			200									
		40 at 180'; 50 at 182'; 40 at 184'; 55 at 187'; 60 at 190';	40/												
		70 at 192'; 65 at 194 - 201'; 55 at 203'; 65 at 207'; 60 at 222';	8.0			208									
		(35 at 217 - 220?); 65 at 223'.	1/9			217									
			2/4			221									
			3.7/												
			4.0			225									

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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

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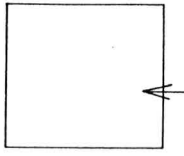
CLAIM No. _____



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
225.0	275.0	QUARTZ-SERICITE PHYLLITE													
		Similar to 153.5 - 225.0' except rocks more qurtzose (65 - 70%) and	4.5/ 4.5		225.0	229.5									
		are not "leached" (?). Also, not sheared and deformed. Small	3.7/ 6.5			236.0									
		shears with brecciation at 233.8 and 235.2' and at 248.0 - 248.3'													
		with gouges F1 moderately developed locally.	37.5/ 39			275.0									
		C.A.: 55 at 226'; 65 at 227'; 55 at 230'; 60 - 65 at 239 - 252';													
		75 at 253'; 70 at 254'; 65 at 256 - 275'.													
275.0	316.5	QUARTZ-SERICITE-GRAPHITE PHYLLITE	13.5/ 13.5		275.0	288.5									
		65 - 70% qtz, 20 - 25 ser, 5 - 10 graph, no sulphs. Graph content	8.7/ 9.5			298.0									
		increases to 10 - 15% at 312 - 316'. Light grey with threads and	6.1/ 10.0			308.0									
		narrow bands dark grey; wavy, thinly foliated though not fissile													
		except last 9 ft. F1 well developed.	6.3/ 8.5			316.5									
		C.A.: 65 at 275 - 283'; 70 at 284'; 75 at 285'; 70 at 287';													
		75 at 291 - 315'.													
316.5	520.3	SULPHIDE ZONES IN QUARTZ-GRAPHITE AND QUARTZ-SERICITE PHYLLITES													
		Extensive sulphide zone(s) in highly siliceous rocks containing													
		a low percentage of graphite and/or ser. (2 - 10%). Banded.													
		Fracturing is moderate to extensive. Locally, tension cracks are													
		minor. Fracturing is most extensive within the quartzose rocks													
		and are generally low in graph or ser.													
		Pyrite content generally low to moderate, 1% to 35%. Gal. and													
		sphal. mineralization varies from low (1% PbZn) to moderate													
		(5 - 10%) to high grade (25% PbZn). Banded.													
		Rocks often vuggy, small leached pockets, leached fractures and													
		tension cracks; appear to be leaching of carbonates. No large													
		vugs evident from core.													

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

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LATITUDE _____ BEARING OF HOLE _____ STARTED _____

CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: _____

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
			4.9	1016	316.5	322.0	5.5	8.40	12.14	2.85			46.20	66.77	15.68
		Upper contact about 40°, lower contact at 520.3' about 70°, both	5.8	1017		329.0	7.0	4.05	7.44	1.32			28.35	52.08	9.64
		sharp. Color pale buff, pale grey accompanied by varying amounts	5.0	1018		335.2	6.2	2.28	4.98	1.00			14.14	30.88	6.2
		of sulphs.	1.1	1019		338.0	2.8	1.10	4.02	.24			3.08	11.26	.67
		316.5 - 319.0': Mass. sulphs -90 (?) % py, 28% PbZn, carb-filled	1.2	1020		341.0	3.0	1.93	4.92	.88			5.79	14.76	2.64
		fractures.	0.6	1021		348.0	7.0	1.98	3.54	.88			13.86	24.78	6.16
		- 348.0': Graphitic (5%) - "Ribbon" qtz-graph structure with													
		F2 folds. Av. 13% py, 15 PbZn. Core recovery poor			316.5	329.0	12.5	5.96	9.51	1.99	(68.27 oz/T WT. AV.)		74.55	118.85	24.92
		from about 335 - 348', rock highly fractured, core			96.5	100.3									
		probably ground up when broken rock rollen around													
		in tube. F2 mineralized.													
		C.A.: 45 at 317'; 50 at 320'; 40 - 35 at 323'; 45-35-50 at 327';													
		55 - 60 at 334'; 70 at 340'.													
		Note: Core loss within 329 - 338' attributed mostly to sample													
		#1019 (335.2 - 338.0') because of fractured rock.													
					(100.28	107.79 m)									
		109.42 m									(31.27 oz/T A.V.)				
		348.0 - 359.0': Qtz-ser-sulphs: 348 - 351', 7 py, 5 PbZn. 351 -			329.0	352.0	23.0	2.52	3.77	0.91	WT. AV.		57.87	86.72	20.93
		359', 15 py, 0.5 PbZn. Sil. and hard, 1 - 5% buff	4.0	1022	348.0	352.0	4.0	5.25	1.26	1.29			21.00	5.04	5.16
		ser. F2 folds. F2 mineralization.	7.0	1023		359.0	7.0	1.85	1.52	.65			12.95	10.64	4.55
		- 378.0': Qtz-ser-phy: negli py, minor PbZn- spotly, except	1.7	1024	358.0	362.0	3.0	.05	4.02	.03			1.85	1.52	.65
		362 - 368' = 9%. Highly sericitic (40%?). Shear	2.1	1025		368.0	6.0	2.25	6.72	1.03			15.50	40.32	6.18
		or fault zone, fuschite at 360 - 363', locally	0.6	1026		374.0	6.0	.13	.39	.09			3.12	PbZn	
		brecciated (364 - 368' main). Core soft and	1.1	1027		378.0	4.0	.07	.44	.06			2.04	"	
		crumbly.	5.6	1028		388.0	10.0	1.98	3.78	.88			19.80	37.80	8.80
		- 391.8': Qtz-ser-graph phy = 5 py, 372 - 388' - 5 - 6 PbZn	2.9	1029		391.8	3.8	1.98	3.72	.85			7.52	14.14	3.23
		388 - 391.8' - 1 PbZn. Fractured, brecciated,													
		re-cemented, siliceous. 3 ser. 1 (?) graph.			358.0	368.0	10.0	1.55	5.39	0.69	WT. AV.		15.50	53.90	6.92
		F1 local, 30 - 80° to F2.													
		C.A.: 70 at 346'; 60 at 351'; 70 at 352-376'; 55 at 380';			363.0	373.0	10.0	.52	PbZn		WT. AV.		5.16	PbZn	
		65 at 381'; 80 at 385 - 390'.													
					378.0	398.0	20.0	1.92	3.86	.84	WT. AV.		38.36	77.24	16.8
					329.0	368.0	39.0	2.17	3.84	0.81	(27.8)	6.01	84.47	149.74	31.65

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

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LATITUDE _____ BEARING OF HOLE _____ STARTED _____

CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

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

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
		391.8 - 469.7': Qtz-ser-graph phy with varying sulph content,	6.0	1030	391.8	398.0	6.2	1.78	4.08	.77			11.04	25.30	4.77
		siliceous, less fractured than above section.	1.9	1031		402.0	4.0	2.30	7.08	1.09			9.20	28.32	4.36
		Leaching prominent from 434 - 459'. Ser 1 - 3%,	4.2	1032		408.0	6.0	1.73	4.20	.83			10.38	25.20	4.98
		graph negli to 0.2% except 363 - 369 contain up to	5.7	1033		414.0	6.0	2.85	5.28	1.32			17.10	31.68	7.92
		3%. F1 well developed at 392 - 442' at 60 - 90°	9.6	1034		424.0	10.0	2.93	5.58	1.32			29.30	55.80	13.20
		to F2.	7.3	1035		434.0	10.0	1.65	3.84	.80			16.50	38.40	8.00
		C.A.: 85 - 75 at 392 - 404'; 70 at 409'; 65 at 410 - 417'; 70 - 85	3.0	1036		441.0	7.0	2.50	5.46	.97			17.50	38.22	6.97
		at 418 - 426'; 70 at 427 - 435'; 80 at 438'; 55 at 440 - 445';	2.6	1037		445.0	4.0	1.98	5.28	.85			7.92	21.12	3.40
		70 at 448 - 451'; 80 at 452'; 70 at 453 - 457'; 75 - 80 458 - 468'			398.0	408.0	10.0	1.96	5.35	.93	Wt. Av.	0	19.58	53.52	9.34
		391.8 - 398.0': 5 Py, 5 - 6 PbZn.			408.0	424.0	16.0	2.90	5.47	1.32	Wt. Av.	0	46.40	87.48	21.12
		- 411.3': 8 Py, 9 PbZn	2.2	1038	445.0	450.0	5.0	1.00	3.72	.44			5.00	18.60	2.20
		- 414.5': 55 py, 4 - 5 PbZn	4.2	1039		457.0	7.0	3.23	7.08	1.59			22.61	49.56	11.13
		- 434.0': 10 py, 9 PbZn	5.1	1040		463.0	6.0	3.30	6.00	1.29			19.80	36.0	7.74
		- 441.0': 4 py, 8 PbZn, negl. graph.	4.5	1041		469.7	6.7	3.98	3.30	1.59					
		- 445.0'; 4 py, 6 PbZn, negl. graph.			Wt. Av 398.0	469.7	71.7	2.54	5.09	1.12	(38.52)		181.99	365.01	80.55
		- 450.0'; 1 py, 1 - 2 PbZn, no graph soft, fractured			Wt Av 424.0	450.0	26.0	1.30	4.47	0.79		0	46.62	116.34	20.57
		- 462.5'; 12 py, 9 PbZn			Wt Av 398.0	450.0	52.0	2.17	4.95	0.98	(33.6)		112.90	257.34	51.03
		- 469.7'; 25 py, 9 PbZn, more graphitic			Wt Av 450.0	463.0	13.0	3.26	6.58	1.46			42.41	85.56	19.04
		469.7 - 475.9': Barren, massive, talcy sericite (50% +). F2 fold	38/62	—	Wt. Av 450.0 469.7	467.7 475.9	19.7 —	2.51	5.47	1.50			67.08	107.67	29.52
		nose at 474.5. C.A.: 75°.													
		SULPHIDE ZONE - Cont'd.													
		475.9 - 520.3': Qtz-graph phy with near uniform py content -	4.6	1042	475.9	482.0	6.1	2.40	4.44	1.18			14.64	27.08	7.20
		low 15%, high 35%. Variable PbZn content.	4.8	1043		488.0	6.0	1.00	3.18	.74			6.00	19.08	4.44
		Siliceous, graph content extremely low - 1% ±	5.4	1044		493.4	5.4	.89	1.02	.62			4.81	5.51	3.35
		F2 mineralization, also F1?.	2.6	1045		496.2	2.8	4.28	2.00	1.53			11.93	5.60	4.28
		475.9 - 488.0': 35 py, 5 - 6 PbZn	5.0	1046		503.0	6.8	5.25	7.93	1.88			35.70	53.92	12.78
		- 493.4': 25 py, 1 PbZn	1.3	1047		508.0	5.0	.90	4.56	.41			4.68	22.80	2.05
		- 496.2': 35 py, 5 PbZn	4.3	1048		513.0	5.0	3.75	7.92	1.50			18.75	39.60	7.50
		- 502.8': 20 py, 13 PbZn	2.5	1049		517.0	4.0	3.68	9.05	1.76			14.72	36.20	7.04
		- 508.0': 6 py (av), 3 - 4 PbZn, poor recovery, short pcs.	2.7	1050		520.3	3.3	3.08	7.44	1.18			11.16	24.55	3.89
		core = barren highly ser. phy. vuggy qtz vein			475.9	483.0	12.1	1.70	3.81	.96	Wt. Av.	0	20.64	46.16	11.64
					475.9	493.4	17.5	1.45	2.95	0.86	(29.5)		25.45	51.67	14.99

DIAMOND DRILL RECORD

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PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: _____

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CLAIM No. _____

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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
		and rich py - qtz with mod. PbZn.			493.4	508.0	14.6	3.57 ~~3.33~~	5.64	1.31	WI AV		52.18 ~~48.58~~	82.32	19.11
		- 520.3': 15 py, 18 PbZn, kinky F2 (?) - mineralization. C.A.: 70 at 476 - 488'; 60 at 489'; 85 at 492'; 60 at 494';			508.0	520.3	12.3	3.55	8.16	1.50	WI AV		43.63	100.35	18.43
		70 at 496'; 60 at 499'; 70 at 509 - 514' (0 ? at 518).		WT. AV.	493.0	520.3	26.9	3.56	6.79	1.40			95.81	182.67	37.54
520.3	529.5	QUARTZ-SERICITE PHYLLITE													
		60 - 65% qtz. Very light grey qtz with light grey threads of ser, also foliations of buff ser. Rock mod. altered, F1 prominent. Qtz vein(s) at 524.6 - 526.4. Upper contact with sulph zone at about 70°, lower at about 75 - 80°; both ends soft and talcy. Only a few specks py seen. C.A.: 80° throughout.	7.2/ 9.2		520.3	529.5									
529.5	534.9	SULPHIDE ZONE (CONT,D) IN QUARTZ-GRAPHITE PHYLLITE (near mass. SULPHS). Banded, m ass. + disseminated sulph in qtz with a few wisps of "ribbon" qtz-graph. 25 py, 16 PbZn. Kinky F2, F2 mineralization. C.A.: 80 at 530'; 50 at 532'; 60 at 533'.	4.9	1051	529.5	534.9	5.4	5.33	7.56	2.18					
534.9	545.0	QUARTZ-SERICITE PHYLLITE, Bleached Buff													
		60 - 65% qtz. Massive, firm. F1 well developed. No sulphs. C.A.: 60° throughout.	8.7/ 10.1		534.9	545.0									

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DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: _____

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
545.0	581.7	SULPHIDE ZONE IN QUARTZ-GRAPHITE-SERICITE PHYLLITE(S).													
		Banded sulphs in qtz-graph phy with intermittent short bands of buff or grey ser, the latter generally barren of sulphs. Zone is vuggy. 1 - 2% leached ("worm holes") along fractures and tension cracks. Rock generally firm. Graph + ser percentage low - 1 to 3% quartz rich.													
		545 - 547.8': Mass. and rich sulph bands in qtz, no phyllites noted. 20 py, 20 PbZn, vuggy but form	2.2	1052	545.0	547.8	2.8	6.83	15.65	3.53			19.12	43.82	9.88
		- 551.0': Qtz-ser, fissile, crumbly and talcy, no sulphs.	2.2/												
		- 555.8': Qtz-graph-sulph to 553.1, remaining qtz-sulph	3.2	—	547.8	551.0	—								
		with carbonate(s), vuggy but firm, 15 py, 15 PbZn	5.0	1053		556.5	5.5	6.75	11.64	2.94			37.12	64.02	16.17
		- 556.9': As 547.8 - 551.0'	1.9	1054		559.0	2.5	1.13	4.56	.50			2.82	11.4	1.25
		- 558.2': Qtz-ser-sulphs, 5 py, 12 PbZn	6.2	1055		565.4	6.4	7.13	12.30	3.24			45.63	78.72	20.74
		- 565.4': Qtz-sulph with minor graph threads, 15 py 25 PbZn.	2.9	1056		570.0	4.6	2.35	4.44	.91			10.81	20.42	4.19
		- 570.0': Qtz-ser talcy with 2.4' qtz-sulph, 7 py, 8 PbZn (buff + grey).	11.7	1057		581.7	11.7	6.30	13.51	2.79			73.71	158.07	32.64
		- 581.7': Qtz with bands of ser (buff) 4%. bands rich PbZn and bands rich py with PbZn. Also contains buff		Wt. Av.	551.0	581.7	30.7	5.54	10.83	2.44			170.09	332.63	74.99
		color porphyries. Tight shears 25 py (av), 25 PbZn		Wt. Av.	545.0	581.7	36.7	5.16	10.26	2.31	(.02 oz/T.)		189.21	376.45	84.87
		C.A.: 65 at 545'; 50 at 548 - 551'; 65 at 552'; 70 at 557'; 45 at 559'; 80 at 561'; 65 at 562'; 70 at 564'; 80 at 569'; 70 at 571'; 45 at 573'; 60 at 575'; 70 at 580'.													

DIAMOND DRILL RECORD

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PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: _____

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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
581.7	605.4	QUARTZ-SERICITE PHYLLITE, Bleached, Sheared and Brecciated													
		Zone moderately sheared between 585.5 - 597' and brecciated within													
		sulph zone at 590 - 595. No sulphs except previously mentioned	2.9/ 3.8		581.7	585.5									
		footages.													
		581.7 - 584.0': Bleached buff ser, slightly talcy, fissile in parts.	2.0/ 4.5			590.0									
		- 590.0': Grey ser, striped, fissile													
		- 595.0': Sulph breccia with light brown porph. min., ser at ends.	2.2	1058		595.0	5.0	3.68	13.15	2.35					
		- 605.4': As 581.7 - 584'.	/5.0			600.0									
		C.A.: 75 - 80 at 582 - 587'; 70 at 588'; 70 at 595'; 85 at 596';	1.5/ 5.4			605.4									
		70 at 598'; 80 at 601'; 50 at 606 - 608'.													
605.4	643.8	MASSIVE SULPHIDES													
		Zone preceded by 1.7' of fault gouge. Sulphs mass. 70 - 85% py.	1.7	1059	605.4	608.0	2.6	2.93	8.04	2.06	]		7.618	20.904	5.356
		generally low qtz, rich bands sphal-gal. Partly breccia to 612'.									]				
		Porous sulphs 80%, often crumbly to sandy grains. Leached holes.	2.0	1060		610.0	2.0	1.08	1.80	.44	]		2.16	3.60	.88
		605.4 - 608.4': 75 py, 8 PbZn									]				
		- 610.0': Fault zone, 0.5 PbZn. Upper contact at 70°	8.5	1061		619.0	9.0	6.00	9.37	2.79	]		54.00	84.33	25.11
		- 613.3': 80 py, 9 PbZn, breccia, slightly porous sulphs.			~~608.0~~	~~610.0~~	~~11.0~~	~~5.10~~	~~7.99~~	~~2.36~~	]		~~56.10~~	~~87.89~~	~~25.96~~
		- 619.0': 70 py, 20 PbZn, siliceous and hard	7.3	1062		628.0	9.0	4.50	8.16	2.27	]		40.50	73.44	20.43
		- 628.0': 80 - 85 py, 7 - 8 PbZn, siliceous and hard.									]				
		- 636.3': 75 py, 11 PbZn(?), 80% porous	7.2	1063		636.0	8.0	6.75	9.42	2.74	]		54.00	75.36	21.92
		- 639.1': 75 py, 11 PbZn (?), 100% porous			~~636.0~~	~~639.0~~	~~17.0~~	~~5.56~~	~~8.75~~	~~2.49~~	]		~~94.50~~	~~148.8~~	~~42.35~~
		- 643.8': 3 py, 8 PbZn, qtz-graph-sulph. (639.1 - 640' = 18% PbZn)	3.5	1064		640.0	4.0	6.45	10.65	3.06	]		25.80	42.60	12.24
		C.A.: 70 at 611'; 30 at 613'; 40 at 614'; 65 at 616'; 75 at 619';	2.7	1065		643.8	3.8	.93	1.56	.41					
		70 at 620' - 636'; 75 at 637'; 90 at 638'; 75 - 80 at 640'; 65 at 643.5'.		Wt. Av.	605.4	640.0	34.6	5.32	8.68	2.48	(85.2)		184.078	300.24	85.936
				Wt. Av.	610.0	640.0	30.0	5.81	9.19	2.66	(91.1)		174.30	275.73	79.70
				Wt. Av.	605.4	610.0	4.6	2.13	5.33	1.36	(46.5)		9.78	24.5	6.24

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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

D.D.H. No. A - 56 PAGE 8 of 14

CLAIM No. _____

NN

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
643.8	656.5	QUARTZ-SERICITE PHYLLITE, Bleached Buff													
		60 - 65% qtz, negl. py. Parts talcy, generally firm. Fuschite	4.6/ 7.2		643.8	651.0									
		min. at 654 - 556'. C.A.: 70 at 644 - 649'; 85 at 651'; 75 at 655'.	5.4/ 7.0			658.0									
656.5	663.7	QUARTZ-SERICITE PHYLLITE WITH MINOR SULPHIDES													
		65 - 70% qtz, 4 py banded, sil and halrd, 0.2% PbZn C.A.: 75°.	2.3/ 5.7		658.0	663.7									
663.7	678.0	QUARTZ-GRAPHITE PHYLLITE WITH MODERATE SULPHS													
		75 - 85% qtz, 7 py, 6 - 8 PbZn to 673 (?). Recovery poor.	1.1	1066	663.7	668.0	4.3	1.33	2.00	.53			5.72	8.60	2.28
		Cored pieces either rich PbZn or poor. 3 - 5% graphite. Ser. end. C.A.: 75°.	0.3 0.4	1067		673.0 678.0	5.0	2.70	5.40	1.00			13.50	27.00	5.00
					663.7	673.0	9.3	2.07	3.82	0.78	WH, Av.		19.22	35.60	7.28
678.0	705.6	QUARTZ-SERICITE PHYLLITE													
		60% qtz. Thinly laminated, light to med. grey ser. Altered-looking rock, rough core surface-leaching (?). Foliations sometimes undulating. Occasionally wrap around qtz or feldspar. Fault gouge at 684.4 - 684.9'. Minor shearing to footage 694'. F1 not well developed. Negl. sulph (py). C.A.: 70 at 679 - 705' throughout.	1.1/ 5.0		678.0	683.0									
			4.0/ 5.0			688.0									
			17.6/ 17.6			705.6									

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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

D.D.H. No. A - 56 PAGE 9 of 14

CLAIM No. _____

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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
705.6	775.4	QUARTZ-SERICITE PHYLLITE													
		As above but with bands buff ser, also many to numerous qtz veins.	29.0/ 29.4		705.6	735.0									
		Minor Fl noticed. Negl. py, spot sphal at 750.5', spot brown bio at 753'. Shears at 730, 731', 734.5 - 735.6, 742.8 - 743', 754',	10.0/ 13.0			748.0									
		760' with bright green mass. feldspar (?). Fl fold noses at 772 - 773'. Leaching end at 754'.	10.0/ 11.0			759.0									
		C,A,: 55 at 706'; 70 at 709'; 75 at 711'; 70 - 75 at 718 - 775'.	16.4/ 16.4			775.4									
775.4	800.7	QUARTZ-SERICITE-BIOTITE PHYLLITE													
		65 - 70% qtz. Grey-buff color, 3 - 5% gray ser., 25 - 30% buff ser													
		1% brown biotite. Show altered look, also rough core surface - suggesting leaching. Minor shears.	24.5/ 25.3		775.4	800.7									
		C.A.: 70 at 778 - 794'; 65 at 795 - 797'; 75 at 800'.													
800.7	843.7	QUARTZ-SERICITE PHYLLITE	17/ 17.3		800.7	818.0									
		65 - 70% qtz, Med. grey ser. with minor buff ser. Rock not as	4.4/ 6.0			824.0									
		altered-looking as above sections, except at 835 - 843.7. Local Fl.	1.4/ 3.0			827.0									
		824 - 833.9': Slightly graph, many shears accompanied by fracturing.	10.5/ 11.0			838.0									
		- 839.5': Phy breccia in qtz-carb, tight slip	5.4/ 5.7			843.7									
		C.A.: 70 - 75 at 801 - 833'; 75 - 80 at 834'; 70 at 837'; 80 at843'.													

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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

D.D.H. No. A - 56 PAGE 10 of 14

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
843.7	863.8	SULPHIDE ZONE IN QUARTZ-GRAPHITE PHYLLITE													
		Striped to 850' siliceous, fissile along graphitic foliation													
		(silver dollars). 3 - 15% py, 5 - 9% graph. negl to no PbZn, no chalco seen.	4.3/ 4.3		843.7	848.0									
		846.5 - 847.2 - 0.6% PbZn. 850 - 863.8 qtz-pyrite bands varies from very thin bands to 0.2' wide. This section Fl well developed	15.8/ 15.8			863.8									
		Low angle (30°) shears at 855', 859', 862.5', all tight with minor movement. Py % decreasing with depth.													
		C.A.: 70 at 850 - 863' throughout.													
863.8	882.0	SHEAR ZONE WITH SULPHIDES													
		Main shear appears to occur at 869.6 - 872.1 and adjacent rocks	5.7/ 5.8		863.8	869.6									
		sheared to a lesser degree. Rocks above the main shear have been totally deformed; bleached to buff color and mineralized with	2.0	1068		872.1	2.5	.05	3.90	.15			.125	9.75	.37
		fuschite and minor pyrite, mod. brecciated, soft in spots. Rocks below the main shear are not altered as much though accompanying	2.8	1069		874.9	2.8	3.98	6.48	1.41			11.14	18.14	3.95
		smaller shears extends a greater distance. The massive pyrite occuring just below the main shear does not show any deformation	3.4	1070		879.3	4.4	.50	1.32	.24			2.2	5.81	1.06
		other than a few fractures - suggests re-mobilization or post shear.			869.6	879.3	9.7	1.39	3.47	.55	Wt Av.		13.409	3.70	5.38
		863.8 - 869.6': Qtz-ser, sheared, bleached buff, brecc, minor py													
		- 872.1': Qtz-ser-graph, main shear, 8 py, no PbZn													
		- 874.7': Mass. py (80%) with 0.02 graph, minor PbZn except from 872.1 - 872.8' (25 PbZn).													
		- 877.6': Qtz-graph-sulph, 4 py, no PbZn.													
		- 879.0': Mass. py, minor PbZn													
		- 882.0': Qtz-graph phy, negl. sulph.													
		C.A.: 75 at 864'; 70 at 868 - 882';													

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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

D.D.H. No. A - 56 PAGE 11 of 14

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
882.0	922(?)	QUARTZ-SERICITE-GRAPHITE PHYLLITE	5.0/6.0		882.0	888.0									
		60% qtz, negl. py. Dark grey, med. grey, also buff color. Thinly foliated, fissile, many tight or narrow shears and slips. Minor gouge and brecc. 897.8 - 900'; buff ser, 3 py, 1 PbZn.	9.7/12.0			900.0									
			15.6/19.0			919.0									
			1.6/4			923.0									
922.0	924.7	QUARTZ-SERICITE PHYLLITE, Bleached Buff													
		Highly sericitic, soft and talcy, moderately sheared. C.A.: 75°	0.8/1.7		923.0	924.7									
924.7	928.0	FAULT ZONE IN QUARTZ-SERICITE-GRAPHITE PHYLLITE													
		Highly sheared and brecciated. Shearing appears to be at 45° to core.	1.7/3.3		924.7	928.0									
928.0	967.0	QUARTZ-SERICITE-GRAPHITE PHYLLITE	1.3/10.0		928.0	938.0									
		65% qtz, 25 ser, 10 graph. Dark grey to black, fissile. Sheared at many places, accompanied by brecciation and gouge often, small-scale. Shears generally 40 - 45° to core. C.A.: 75 at 929'; 40 at 937'; 85 at 941'; 70 at 944'; 75 at 945'; 80 at 947'; 75 at 950'; 40 at 951'; 75 at 953'; 70 at 959 - 962'; 75 at 964';	1/5			943.0									
			2.9/5			948.0									
			3/3			951.0									
			2.3/8			959.0									
			1.4/3			962.0									
			0.9/5			967.0									

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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

D.D.H. No. A - 56 PAGE 12 of 14

CLAIM No. _____

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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
967.0	974.0	QUARTZ-SERICITE PHYLLITE, Bleached													
		Highly sericitic, bleached, soft, fissile, minor py. C.A.: 60°	0.8/7		967.0	974.0									
974.0	975.8	FAULT ZONE IN QUARTZ-SERICITE + GRAPHITE PHYLLITE													
		Gouge and brecciated phyllites. Lower contact with mass. sulphs at 40°.	0.8/ 1.8		974.0	975.8									
975.8	991.0	MASSIVE SULPHIDES													
		Disseminated pyrite in siliceous ground mass., 70 - 75% py. Sulph	3.4	1071	975.8	979.3	3.5	1.95	2.46	.88					
		breccia cemented in qtz-py at 975 - 976.5 and 981 - 984'. 1% mag in clots at 979.6 - 981'. Chalco low.	4.3	1072		984.7	5.4	4.35	5.28	1.85					
		975.8 - 979.3': 0.6% PbZn	1.2/ 1.9			986.6	(1.9)	0.0	0.0	0.0			0.0	0.0	0.0
		- 984.6': Qtz-ser, buff, sheared, soft													
		- 991.0': 3% PbZn													
		C.A.: 70 at 978 - 984'; 80 at 985'; 50 at 989'.	2.6	1073		991.0	4.4	4.50	5.40	2.21					
					979.3	991.0	11.7	3.69	4.46	1.68	(5%oz/Ton) Wt. Av.		43.17	52.18	19.05
991.0	998.0	FAULT ZONE IN QUARTZ-SERICITE PHYLLITE													
		Grey phyllite. 60% gouge, 40% sheared and broken pieces. No sulphs noted.	5.7/ 7.0		991.0	998.0									
		C.A.: 45 at 992.5'; 30 at 993'; 25 at 996'.													

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 56 PAGE 13 of 14

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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

CLAIM No. _____

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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
998.0	1103.8	QUARTZ-SERICITE PHYLLITE, Bleached, Sheared and Brecciated													
		Thick zone where rocks have been sheared and brecciated by sub-	2.3/3		998.0	1001									
		siding faulting and shearing and where rocks have been totally bleached to a buff color, and often altered to a soft and crumbly	2.3/4			1005									
		condition. As in all or most of the fault zones in the GRUM or CHAMP area where the rocks have been sheared and gouged and not	2.2/5			1010									
		re-silicified, little or no PbZn mineralization occur. Generally only a minor amount of pyrite is found. No PbZn was noted within	2.2/5			1015									
		this section, up to 2% py was seen between 998 - 1071'. 998.0 - 1001.0': Highly sericitic, brecciated, soft, loose	2.8/5			1020									
		1015.0 - 1020.0': 100% gouge and breccia. 1036.0 - 1043.8': 100% gouge and breccia.	10.5/ 16.0			1036									
		1043.8 - 1079.0': Rock much firmer though narrow shears in many palces.	7.5/8			1044									
		1082.0 - 1103.0': Buff color rock contains a minor amount of grey ser. Rock still highly altered and fractured.	12.8/ 16.0			1060									
		C.A.: 50 at 1000'; 35 at 1003'; 15 at 1006'; 70 at 1011'; 60 at	3.2/5			1065									
		1015'; 40 - 55 at 1020'; 65 at 1022'; 40 - 20 at 1024'; 0 at 1025'; 15 at 1026'; 20 at 1028'; 40 at 1029'; 70 at 1035' + 1039';	17.8/ 19.0			1084									
		(1040 - 1044 fault shearing at 30 - 40°); 70 at 1044'; 65 at 1046 - 1058'; 75 at 1060 - 1066'; 45 at 1067 (40° shear at 1068'); 70 at	1/2			1086									
		1069'; 65 at 1072'; 80 at 1074.5'; 70 at 1076' (40° shearing at 1078'); 50 at 1079'; 65 at 1080'; 60 at 1081 - 1087'; 75 at 1089';	14.4/ 17.8			1103.8									
		70 at 1091 - 1103'.													

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 56 PAGE 14 of 14

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

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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
1103.8	1126.0	QUARTZ-BIOTITE-SERICITE PHYLLITE													
		60 - 65% qtz, variable bio-ser %, no sulphs noted, Biotite rich rocks generally show little alteration, usually massive with thin foliations.													
		1103.8 - 1109.5': Transition zone, buff ser with increasing brown biotite.	9.6/ 11.2		1103.8	1115.0									
		- 1114.0': Mainly bio, dark brown	10.4/ 11.0			1126.0									
		- 1119.0': Light grey ser with brown bio, fractured and brecciated by shear or fault at 1114.8 - 1115.5'.													
		- 1126.0': Black brown, aminly brown bio, numerous tension gashes and qtz-filled. Shear at 40° to core at 1124'.													
		C.A.: 80 at 1105'; 70 at 1106'; 75 at 1108'; 70 at 1114'; 75 at 1122'; 70 at 1125'.													
	1126	END OF HOLE													
		Remarks:													
		1. Hole drilled through many soft and crumbly rocks but walls held up fairly well and drilling did not encounter any difficulties especially through thick fault and shear zones. Drilling was on one shift while going through fault. Generally, in such cases the D.D.H. walls squeeze in or collapse when drilling is not continuous. Success attributed to drilling care and know-how of Leo Podleski, driller. J.C.													

DDH: FAGA056 -- 42 DEGREE PROFILE

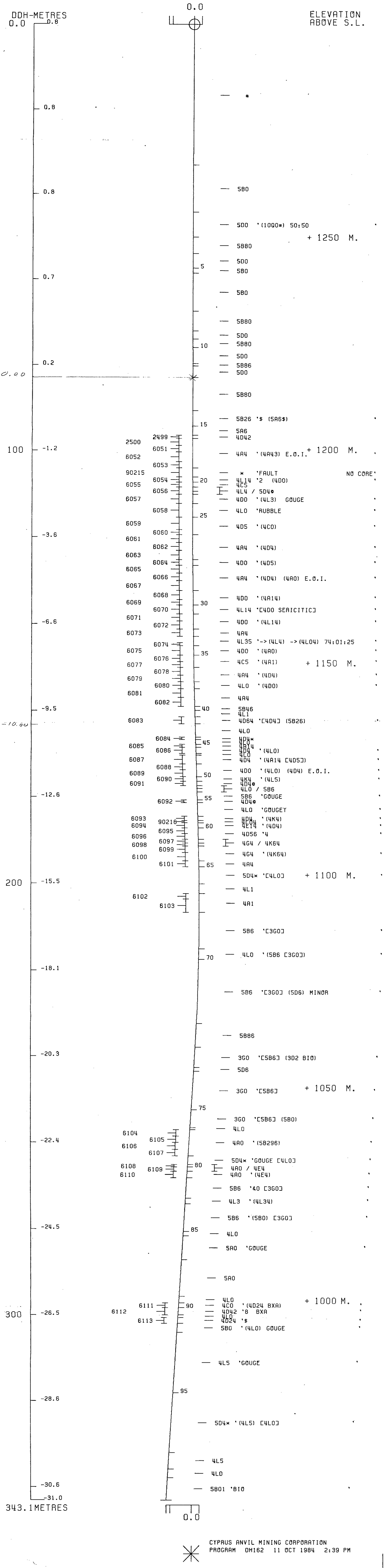
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1300 592385E ; 904996N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.6 Z = 1300.0

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 11 OCT 1984 2:39 PM

DDH: FAGA056 -- 42 DEGREE PROFILE

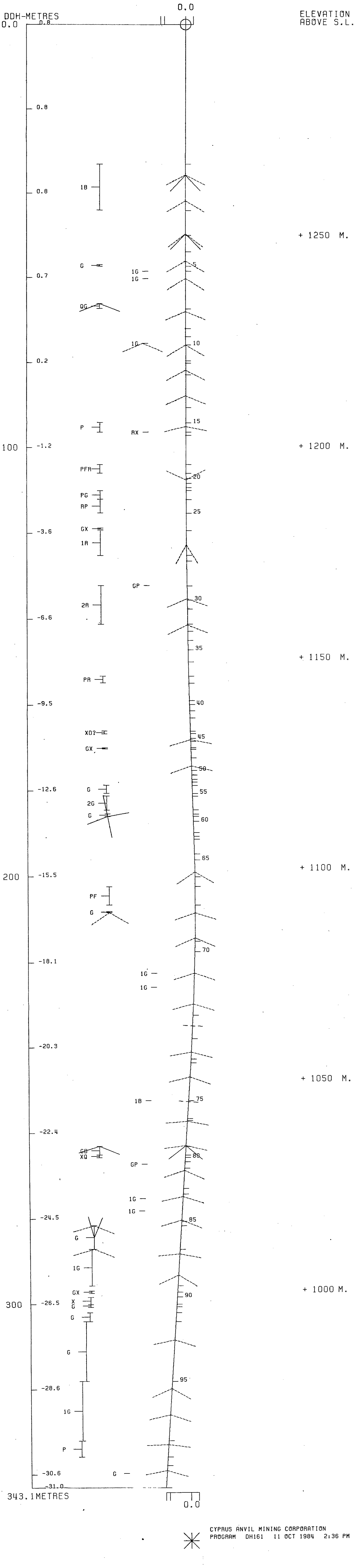
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1300 592385E ; 904996N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.6 Z = 1300.0

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 11 OCT 1984 2:36 PM

FAGA060

DRILL HOLE : FAGA060

NORTHING : 904,862.0

EASTING : 592,265.4

ELEVATION : 1,278.8

TOTAL DEPTH : 361.5

SECTION : W 72

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: 50

NOS DOWN-H-SURVEYS: 5

NOS DOWN-H-LITHOLOGY: 123

NOS DOWN-H-STRUCTURE: 76

NOS DOWN-H-FAULTS: 39

NOS DOWN-H-SPLINES: 5

NOS COMPOSITES: 0

DDH: FAGA060 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 SECTION: W 72
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	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.
100.0	100.9	06194	.9	.9	4L14	3.12	.04	1.49	2.50	22.00		.21	3	6	9						
100.9	102.4	06195	1.5	1.5	4E14	4.24	.08	5.05	6.34	83.00		.69	2	24	26						
102.4	103.3	06196	.9	.9	4G14	4.56	.02	6.83	8.76	122.00		2.54	1	4	5						
103.3	104.1	06197	.8	.7	4L32	3.06	.11	1.85	2.15	50.00		.82	1	7	9						
104.1	105.8	06198	1.7	1.5	4L*	2.97	.05	.12	.17	5.00		.07	4	1	6						
105.8	107.2	06199	1.4	1.4	4L*	3.05	.05	.69	.29	13.00		.27	4	3	8						
107.2	109.4	06200	2.2	2.2	4G4	4.40	.06	6.88	8.36	112.00	109.00	.41	2	10	12						
109.4	110.8	06201	1.4	1.4	4G4	4.63	.06	7.19	7.38	107.00		.55	3	9	12						
110.8	111.7	06202	.9	.9	4L0	3.02	.06	.31	.43	7.00		.21	3	2	5						
111.7	113.5	06203	1.8	1.8	4D7	3.71	.15	3.22	2.45	41.00		.48	13	11	24						
113.5	114.4	06204	.9	.9	4G84	4.62	.04	6.27	7.60	97.00		.41	2	9	12						
114.4	116.3	06205	1.9	1.9	4EG	4.49	.21	4.17	4.21	74.00		.21	3	20	24						
116.3	116.6	90113	.3	.3	4L0			.68	.51	19.20											
123.7	125.9	06207	2.2	2.2	4L0	3.22	.10	.55	.50	8.00		.34	3	11	15						
125.9	127.3	06208	1.4	1.2	4L0	2.92	.02	.04	.05	1.00		1.03	3	1	5						
127.3	128.3	06209	1.0	1.0	4L0	3.15	.08	.51	.63	8.00		.75	5	7	12						
128.3	130.4	06210	2.1	2.1	4L0	2.67	.01	.04	.04	1.00	2.00	.34	3	1	5						
130.4	132.4	06211	2.0	1.9	4L0	3.02	.11	.14	.14	6.00		.14	3	4	8						
132.4	133.7	06212	1.3	1.3	4E4#	4.32	.24	3.25	3.32	61.00		1.37	3	28	32						
133.7	134.9	06213	1.2	1.2	4E4#	4.48	.22	4.97	4.16	74.00		1.17	6	28	34						
134.9	136.9	06214	2.0	2.0	4G#	3.96	.12	4.81	4.79	61.00		1.58	2	23	25						
136.9	137.6	06215	.7	.7	4L34	3.06	.06	.80	.97	10.00		.21	3	5	8						
144.8	146.9	06216	2.1	1.1	4E4	4.59	.13	11.40	16.86	207.00		1.58	1	18	20						
179.8	180.6	06217	.8	.8	4E0	3.53	.12	1.50	2.09	27.00		.27	3	18	22						
183.2	183.7	06218	.5	.5	4E*	3.82	.21	.90	1.17	30.00		.34	19	15	35						
257.3	259.0	06219	1.7	1.6	5B12		.04	.36	.45	6.00											
259.7	262.1	90114	2.4	2.1	5B6			.07	.04												
267.0	268.5	06220	1.5	1.5	4A3	2.95	.03	.12	.36	5.00	3.00	.14	1	6	8						
268.5	270.5	06221	2.0	1.7	4A3		.02	.07	.03	2.00											
270.5	272.6	06222	2.1	2.1	4A3		.05	.02	.02	1.00											
272.6	274.3	06223	1.7	1.7	4A3		.06	.02	.06	2.00											
274.3	276.3	06224	2.0	2.0	4A3		.05	.01	.05	2.00											
281.0	283.0	06225	2.0	2.0	4A3		.05	.21	.19	7.00											
283.0	285.0	06226	2.0	2.0	4A3		.07	.10	.03	3.00											
285.0	286.7	06227	1.7	1.7	4A3		.06	.42	.36	10.00											
286.7	287.4	06228	.7	.7	4E1	3.55	.20	1.70	1.90	29.00		3.29	5	16	21						
322.5	323.3	06229	.8	.8	4A3	2.99	.04	.62	.53	13.00		.41	2	4	7						
323.3	324.4	06230	1.1	.9	4G8	4.41	.14	3.33	2.69	50.00		.82	8	20	28						
324.4	325.1	06231	.7	.7	4C0	3.66	.13	2.23	2.48	41.00		.75	4	15	20						
325.1	326.8	06232	1.7	1.7	4A3	3.06	.12	1.57	2.06	25.00		.75	1	7	9						
326.8	328.6	06233	1.8	1.8	4A3	3.06	.10	.85	.76	19.00		.82	1	9	10						
328.6	330.1	06234	1.5	1.4	4G8	4.22	.11	3.41	2.72	50.00		.62	7	22	30						

DDH: FAGA060 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 SECTION: W 72
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.
330.1	331.1	06235	1.0	1.0	4E8	3.86	.28	1.40	.84	35.00	28.00	.48	7	22	29						
331.1	333.2	06236	2.1	2.1	5B26		.05	.44	.40	12.00											
333.2	335.3	06237	2.1	2.1	5B26		.06	.28	.22	12.00											
339.7	340.2	90115	.5	.5	5B26			1.63	.66		27.40										
340.2	342.1	06238	1.9	1.9	4A0	3.32	.05	.84	.40	21.00		.27	6	11	18						
342.1	344.0	06239	1.9	1.9	4A0		.02	.05	.12	3.00											
345.0	347.5	06240	2.5	2.5	4C5		.01	.05	.03	7.00											
347.5	349.5	06241	2.0	2.0	5A6		.01	.02	.02	2.00											
WEIGHTED AVERAGE																					
100.0	116.6		16.6	16.3		3.81	.08	3.78	4.25	62.09	14.44	.49	4	10	14						
123.7	137.6		13.9	13.6		3.38	.10	1.61	1.56	24.33	.30	.75	3	12	15						
144.8	146.9		2.1	1.1		4.59	.13	11.40	16.86	207.00		1.58	1	18	20						
179.8	180.6		.8	.8		3.53	.12	1.50	2.09	27.00		.27	3	18	22						
183.2	183.7		.5	.5		3.82	.21	.90	1.17	30.00		.34	19	15	35						
257.3	259.0		1.7	1.6			.04	.36	.45	6.00											
259.7	262.1		2.4	2.1				.07	.04												
267.0	276.3		9.3	9.0		.47	.04	.04	.09	2.25	.48	.02		1	1						
281.0	287.4		6.4	6.4		.38	.07	.39	.37	8.95		.35		1	2						
322.5	335.3		12.8	12.5		2.39	.10	1.40	1.26	25.87	2.18	.46	2	9	12						
339.7	344.0		4.3	4.3		1.46	.03	.58	.30	10.60	3.18	.11	2	5	8						
345.0	349.5		4.5	4.5			.01	.03	.02	4.77											

DDH: FAGA060 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
79.200	175.000	79.000
126.500	172.000	76.000
193.500	170.000	78.000
217.900	169.000	66.000

DOH: FAGAO6O UTM-N: 9O4,862.O UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 SECTION: W 72
RFE: S2 RFE DIR: 23O PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
8.5	0001	#		0.5-	1
11.8	0002	5B2O	&6	0.5-	1
16.9	0003	5AC		0.5-	1
30.9	0004	5BC	&6	0.5-	1
34.2	0005	5B6		0.5-	1
36.3	0006	5BC		0.5-	1
37.2	0007	5B6		0.5-	1
48.0	0008	5BO	&2 &6	0.5-	1
48.7	0009	5B6		0.5-	1
50.9	0010	5BC		0.5-	1
52.4	0011	5AC		0.5-	1
53.5	0012	5D7	(5AO) MINOR	0.5-	1
55.8	0013	5A6@		0.5-	1
63.9	0014	5B6		0.5-	1
64.2	0015	5F4	[5B48@]	0.5-	1
67.6	0016	5C4$	"ULTRA-CO3"	0.5-	1
69.3	0017	5F86	[5B486]	0.5-	1
69.8	0018	4L3	GOUGE	0.5-	1
71.1	0019	5C4*		0.5-	1
71.7	0020	5F41	[5B418]	0.5-	1
73.3	0021	5B26	@ &1	0.5-	1
73.8	0022	5F47	[5B84]	0.5-	1
74.7	0023	5C4$	@	0.5-	1
77.2	0024	5C@		0.5-	1
78.3	0025	5B41		0.5-	1
80.3	0026	5C@	GOUGE	0.5-	1
81.0	0027	5B41		0.5-	1
86.8	0028	5B6	&2 (5D4*) MINOR	0.5-	1
88.5	0029	5D61		0.5-	1
93.1	0030	5B26		0.5-	1
95.0	0031	5BC		0.5-	1
99.2	0032	5B62	(5BO)	0.5-	1
100.0	0033	5B46		0.5-	1
100.9	0034	4L14	(4L3@) E.O.I.	0.5-	1
101.6	0035	4E14	POROUS &8 BXA - E.O.I.	0.5-	1
102.4	0036	4E1	&4 (4D4)	0.5-	1
103.3	0037	4G14		0.5-	1
104.1	0038	4L324		0.5-	1
106.5	0039	5D4#	@ $ [4L#@$]	0.5-	1
107.2	0040	4L3#		0.5-	1
109.4	0041	4G4	&8	0.5-	1
110.0	0042	4G48	3	0.5-	1
110.8	0043	4G4	&8	0.5-	1
111.7	0044	4LC	&1	0.5-	1
113.5	0045	4D7	&8 (4LO) (4H4)	0.5-	1
114.4	0046	4G84		0.5-	1
115.7	0047	4E18	6 (4G4)	0.5-	1
116.3	0048	4G4	(4E186)	0.5-	1
118.9	0049	4LC	(4L$ &3 &4 SPHAL)	0.5-	1
121.6	0050	5B46		0.5-	1
123.1	0051	5D4@		0.5-	1

DDH: FAGA060 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
123.7	0052	5B46		0.5-	1
131.6	0053	5D4*	[4LO] (4D48)	0.5-	1
132.4	0054	4L24		0.5-	1
134.9	0055	4E4#	&2 (5D4@ [4L@])	0.5-	1
136.9	0056	4G#	[4E#]	0.5-	1
137.6	0057	4L34		0.5-	1
140.5	0058	5BC	&6	0.5-	1
140.6	0059	5D43		0.5-	1
144.8	0060	5BO	(5AO) FAULT	0.5-	1
146.9	0061	4E4	&1 &6	0.5-	1
151.2	0062	5AC	&6 &@	0.5-	1
153.4	0063	5B26		0.5-	1
161.1	0064	5B6		0.5-	1
162.5	0065	5BC		0.5-	1
171.9	0066	5BO		0.5-	1
173.7	0067	5BO	(4L#@ [5D4#@])	0.5-	1
179.8	0068	5BC	(4L#@ [5D4#@]) MINOR E.O.I.	0.5-	1
180.6	0069	4EC	(4AO)	0.5-	1
182.5	0070	5A6		0.5-	1
183.2	0071	5AO		0.5-	1
183.8	0072	4E#	@ (4H#@) MINOR - E.O.I.	0.5-	1
184.6	0073	5AC	(5D4@ [4L@]) MINOR E.O.I.	0.5-	1
186.2	0074	5B20	(5D4@ [4L@]) E.O.I.	0.5-	1
191.4	0075	5B20	@	0.5-	1
193.5	0076	5B20	&@	0.5-	1
194.3	0077	5BC	(5AO)	0.5-	1
198.1	0078	5AO	@ (5B20)	0.5-	1
200.7	0079	5AO	@ MINOR	0.5-	1
203.9	0080	5B6	(5BO)	0.5-	1
208.6	0081	5B6	GOUGE	0.5-	1
210.1	0082	5B6		0.5-	1
210.3	0083	5D4#	[4L#]	0.5-	1
213.4	0084	5B6	(5D4# [4L#]) MINOR	0.5-	1
217.1	0085	5B6		0.5-	1
225.0	0086	5B26		0.5-	1
233.0	0087	5BC		0.5-	1
236.2	0088	5BO	[3D8] BIO?	0.5-	1
237.7	0089	5B6	(5DO)	0.5-	1
244.0	0090	5BC		0.5-	1
255.3	0091	5B20	(5BO)	0.5-	1
255.8	0092	4H1	(5D4@ [4L@]) T.O.I.	0.5-	1
257.3	0093	4L*		0.5-	1
259.0	0094	5B12	69	0.5-	1
259.8	0095	4L@		0.5-	1
267.0	0096	5A6	(4A3)	0.5-	1
276.3	0097	4A3	(5A6)	0.5-	1
278.0	0098	4L3		0.5-	1
281.0	0099	5B46	(4LO)	0.5-	1
286.7	0100	4A3	(5D4@ [4L@])	0.5-	1
287.4	0101	4E1	(5D4@ [4L@])	0.5-	1
294.6	0102	5A19	6	0.5-	1

DDH: FAGA060 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
312.8	0103	5A6		0.5-	1
314.9	0104	5B6	(5A6)	0.5-	1
316.1	0105	5A16		0.5-	1
319.4	0106	5A6	(5B62)	0.5-	1
322.5	0107	4L2	(5B6)	0.5-	1
323.3	0108	4A3		0.5-	1
324.4	0109	4G8	&# (4K0) MINOR - T.O.I.	0.5-	1
325.1	0110	4C0	(4E8)(4G48)(5D4@ [4L@])	0.5-	1
328.6	0111	4A3	(4A4)	0.5-	1
330.1	0112	4G8		0.5-	1
330.5	0113	5B26	(4L0) (4A0)	0.5-	1
331.1	0114	4E8		0.5-	1
335.0	0115	5B26	(4A4) MINOR	0.5-	1
335.3	0116	4E1		0.5-	1
337.9	0117	5A6@	(4C2) MINOR	0.5-	1
340.2	0118	5B26	(5A6)	0.5-	1
340.6	0119	4E8	&4	0.5-	1
344.0	0120	4AC		0.5-	1
345.0	0121	5A6	(4A4) (4E0)	0.5-	1
347.5	0122	4C5	BXA	0.5-	1
361.5	0123	5A6	(4A3)	0.5-	1

DDH: FAGAC60 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 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
FAGAC60	0.0	9.1	CS2		0	0	0	0	72	230	C	1	1	1
FAGAC60	8.5	13.4		Z	0	0	0	0	0	0	C	1	1	1
FAGAC60	13.4	14.3		S	0	0	0	0	0	0	C	1	1	1
FAGAC60	0.0	15.2	CS2		0	0	0	0	74	230	C	1	1	1
FAGAC60	0.0	21.3	CS2		0	0	0	0	72	230	C	1	1	1
FAGAC60	0.0	27.4	CS2		0	0	0	0	90	230	C	1	1	1
FAGAC60	14.3	27.4		M	0	0	0	0	0	0	C	1	1	1
FAGAC60	0.0	33.5	CS2		0	0	0	0	76	230	C	1	1	1
FAGAC60	0.0	39.6	CS2		0	0	0	0	78	230	C	1	1	1
FAGAC60	0.0	45.7	CS2		0	0	0	0	79	230	C	1	1	1
FAGAC60	0.0	51.8	CS2		0	0	0	0	72	230	C	1	1	1
FAGAC60	0.0	57.9	CS2		0	0	0	0	68	230	C	1	1	1
FAGAC60	0.0	64.0	CS2		0	0	0	0	61	230	C	1	1	1
FAGAC60	0.0	68.6	PS2		0	0	0	0	61	230	C	1	1	1
FAGAC60	27.4	74.6		S	0	0	0	0	0	0	C	1	1	1
FAGAC60	0.0	77.1	CS2		0	0	0	0	71	230	C	1	1	1
FAGAC60	74.6	78.3		M	0	0	0	0	0	0	C	1	1	1
FAGAC60	0.0	83.8	CS2		0	0	0	0	67	230	C	1	1	1
FAGAC60	0.0	91.4	CS2		0	0	0	0	52	230	C	1	1	1
FAGAC60	80.1	94.4		Z	0	0	0	0	0	0	C	1	1	1
FAGAC60	0.0	97.5	CS2		0	0	0	0	67	230	C	1	1	1
FAGAC60	94.4	98.4		M	0	0	0	0	0	0	C	1	1	1
FAGAC60	98.4	99.9		S	0	0	0	0	0	0	C	1	1	1
FAGAC60	0.0	102.7	CS2		0	0	0	0	57	230	C	1	1	1
FAGAC60	0.0	109.1	CS2		64	0	0	0	0	230	C	1	0	0
FAGAC60	0.0	115.8	CS2		70	0	0	0	0	230	C	1	0	0
FAGAC60	0.0	121.9	CS2		0	0	0	0	70	230	C	1	1	1
FAGAC60	0.0	128.3	CS2		0	0	0	0	62	230	C	1	1	1
FAGAC60	0.0	134.1	CS2		48	0	0	0	0	230	C	1	0	C
FAGAC60	0.0	140.5	PS2		0	0	0	0	43	230	C	1	1	1
FAGAC60	0.0	146.6	CS2		75	0	0	0	0	230	C	1	0	0
FAGAC60	0.0	153.0	PS2		0	0	0	0	76	230	C	1	1	1
FAGAC60	0.0	159.7	PS2		0	0	0	0	72	230	C	1	1	1
FAGAC60	0.0	166.1	PS2		0	0	0	0	73	230	C	1	1	1
FAGAC60	0.0	172.2	PS2		0	0	0	0	81	230	C	1	1	1
FAGAC60	0.0	177.1	PS2		0	0	0	0	81	230	C	1	1	1
FAGAC60	0.0	180.1	PS2		0	0	0	0	34	230	C	1	1	1
FAGAC60	0.0	185.9	PS2		0	0	0	0	70	230	C	1	1	1
FAGAC60	0.0	192.0	CS2		0	0	0	0	78	230	C	1	1	1
FAGAC60	0.0	198.1	CS2		0	0	0	0	80	230	C	1	1	1
FAGAC60	0.0	203.6	CS2		0	0	0	0	75	230	C	1	1	1
FAGAC60	0.0	210.3	CS2		0	0	0	0	90	230	C	1	1	1
FAGAC60	0.0	215.8	CS2		0	0	0	0	84	230	C	1	1	1
FAGAC60	0.0	221.9	CS2		0	0	0	0	76	230	C	1	1	1
FAGAC60	0.0	228.0	CS2		0	0	0	0	76	230	C	1	1	1
FAGAC60	0.0	234.1	CS2		0	0	0	0	90	230	C	1	1	1
FAGAC60	0.0	240.2	CS2		0	0	0	0	80	230	C	1	1	1
FAGAC60	0.0	246.9	CS2		0	0	0	0	78	230	C	1	1	1
FAGAC60	231.6	252.9		M	0	0	0	0	0	0	C	1	1	1
FAGAC60	0.0	253.0	CS2		0	0	0	0	85	230	C	1	1	1
FAGAC60	0.0	255.4	CS2		0	0	0	0	70	230	C	1	0	C

DDH: FAGA060 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 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
FAGA060	0.0	258.2	CS2		0	0	20	0	67	230	C	1	1	1
FAGA060	252.9	260.6		S	0	0	0	0	0	0	C	1	1	1
FAGA060	0.0	265.2	CS2		0	0	0	0	85	230	0	1	1	1
FAGA060	260.6	269.7		Z	0	0	0	0	0	0	C	1	1	1
FAGA060	0.0	271.3	CS2		0	0	0	0	76	230	C	1	1	1
FAGA060	269.7	274.3		M	0	0	0	0	0	0	C	1	1	1
FAGA060	0.0	277.4	PS2		0	0	0	0	65	230	C	1	1	1
FAGA060	274.3	280.4		P	0	0	0	0	0	0	C	1	1	1
FAGA060	0.0	283.5	CS2		0	0	0	0	36	230	C	1	1	1
FAGA060	280.4	286.5		S	0	0	0	0	0	0	C	1	1	1
FAGA060	0.0	288.0	PS2		0	0	0	0	50	230	0	1	1	1
FAGA060	0.0	294.4	PS2		0	0	0	0	72	230	C	1	1	1
FAGA060	0.0	299.3	PS2		0	0	0	0	77	230	C	1	1	1
FAGA060	0.0	305.7	PS2		0	0	0	0	75	230	0	1	1	1
FAGA060	0.0	312.1	PS2		0	0	0	0	48	230	0	1	1	1
FAGA060	0.0	318.2	PS2		0	0	0	0	70	230	C	1	1	1
FAGA060	286.5	318.5		P	0	0	0	0	0	0	C	1	1	1
FAGA060	0.0	323.7	CS2		80	0	0	0	0	230	C	1	0	0
FAGA060	0.0	329.8	CS2		55	0	0	0	0	230	C	1	0	0
FAGA060	0.0	332.8	CS2		0	0	0	0	90	230	C	1	1	1
FAGA060	0.0	338.9	CS2		0	0	0	0	58	230	C	1	1	1
FAGA060	0.0	345.0	CS2		0	0	0	0	90	230	C	1	1	1
FAGA060	0.0	351.1	CS2		0	0	0	0	90	230	C	1	1	1
FAGA060	0.0	357.2	PS2		0	0	0	0	81	230	C	1	1	1
FAGA060	0.0	361.2	PS2		0	0	0	0	74	230	C	1	1	1

DDH: FAGA060 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 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
FAGA060	13.2	13.5	GB				50	0	0	0	0	0	1
FAGA060	30.8	34.2	1G				0	0	0	0	0	0	1
FAGA060	61.3	61.5	1G				0	0	0	0	0	0	1
FAGA060	0.0	62.1	1G				0	0	0	0	0	0	1
FAGA060	62.6	63.4	G				0	0	0	0	0	0	1
FAGA060	63.7	63.9	1G				0	0	0	0	0	0	1
FAGA060	69.3	69.8	G				0	0	0	0	0	0	1
FAGA060	78.3	80.2	G				0	0	0	0	65	0	1
FAGA060	81.6	81.7	1G				0	0	0	0	0	0	1
FAGA060	88.7	88.9	PG				0	0	0	0	0	0	1
FAGA060	101.3	101.5	X				0	0	0	0	67	0	1
FAGA060	101.5	102.4	XQ				0	0	0	0	0	0	1
FAGA060	102.4	103.2	D				0	0	0	0	0	0	1
FAGA060	103.4	103.7	G				1	0	0	0	1	0	1
FAGA060	111.7	113.5	XD?				0	0	0	0	0	0	1
FAGA060	114.3	115.6	XD?				0	0	0	0	0	0	1
FAGA060	0.0	116.3	XQ				0	0	0	0	0	0	1
FAGA060	121.0	121.3	QX				0	0	0	0	0	0	1
FAGA060	124.8	125.2	1X				0	0	0	0	0	0	1
FAGA060	137.9	138.3	G				99	999	0	0	99	999	1
FAGA060	140.7	144.7	GQF				0	0	0	0	0	0	1
FAGA060	144.7	146.9	XD?				0	0	0	0	0	0	1
FAGA060	0.0	171.9	1G				0	0	0	0	0	0	1
FAGA060	0.0	179.7	1G				0	0	0	0	0	0	1
FAGA060	179.8	180.5	XD?				0	0	0	0	0	0	1
FAGA060	185.6	186.2	GR				0	0	0	0	0	0	1
FAGA060	193.5	194.3	GQ				0	0	0	0	0	0	1
FAGA060	203.9	205.4	Q				0	0	99	999	0	0	1
FAGA060	205.4	208.5	G				0	0	0	0	0	0	1
FAGA060	212.9	213.4	QG				0	0	0	0	0	0	1
FAGA060	213.4	217.1	1GQ				0	0	0	0	0	0	1
FAGA060	225.0	233.0	1GR				0	0	0	0	0	0	1
FAGA060	265.6	267.0	G				0	0	0	0	0	0	1
FAGA060	288.9	289.5	NP				0	0	0	0	0	0	1
FAGA060	287.3	294.5	P		7		0	0	0	0	0	0	1
FAGA060	0.0	310.4	G				0	0	0	0	0	0	1
FAGA060	345.0	347.4	X?				0	0	0	0	0	0	1
FAGA060	352.3	352.7	XG				0	0	0	0	0	0	1
FAGA060	355.3	355.6	RG				0	0	0	0	0	0	1

DDH: FAGA060 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGAC60	1	2
FAGAC60	2	2
FAGAC60	3	2
FAGA060	4	2
FAGAC60	5	1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 17

DIAMOND DRILL CORE LOG

Date: 31/5/81

Hole Number: FAGA-060

Reference Fabric Orientation Diagram:

Project: GRUM

Location: SECTION 72 W

Claim: _____

Terr. Plane Co-ords.: 6904862.0 N

~~UTM~~ 1979 HIWO Orthophoto Survey

592265.4 E

Grid Co-ords: _____

_____

All symmetry determinations looking

Elevation: 1278.8

_____ with _____ dipping

Total Depth: _____

_____ with dip azimuth _____.

Purpose: RELOG GRUM

Reason hole Terminated: _____

Logged by: GG

Date(s) Logged: 29-31 MAY/81

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 75-A0610

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	75-A0610	1278.8	9048621.0	592265.4	FEET

feet

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-A0610	0.0	180.0	0.0	ATCOLLAR
R	75-A0610	2601.0	175.0	79.0	TROPARI
R	75-A0610	4115.0	172.0	76.0	
R	75-A0610	6315.0	170.0	78.0	
R	75-A0610	7115.0	169.0	66.0	
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 F.A.G.A.0.6.0 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 30/5/81 Logged By: GG

UNITS = FEET

	Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	∡
	1	10–14	16–20	22–24	26–28	30–34	35		
8.5	L	0 0	28 0		001	*	OVERBURDEN	—	
11.8	L	28 0	38 7		2	5B23	+(5B26)		‖ S_2
16.9	L	38 7	55 6		3	5A3	43.6 – 44.4 ft – GOUGE &		‖ S_2.
							BROKEN CORE		
30.9	L	55 6	101 3		4	5B3	+(5B6); MOD. CHLORITIC LOCALLY;	10 cm BRECCIATED	
							–COMMON 5B0–FINE GRAINED;	QZ VN	
34.2	L	101 3	112 3		5	5B6	MINOR 2cm GOUGES;		‖ S_2
36.3	L	112 3	119 0		6	5B3		1cm GOUGE @ 45/270° WRT S_2	
37.2	L	119 0	122 0		7	5B6			‖ S_2
48.0	L	122 0	157 4		8	5B3	+(5B6) + (5B23)	COMPOSITIONAL BANDING	‖ S_2 ‖ S_0
48.7	L	157 4	159 9		9	5B6	–FINE GRAINED; WELL LAM.;	"	‖ S_2 ‖ S_0
							NOTE STRAT. POSITION		
							V. HIGH IN SECTION;		
50.9	L	159 9	167 0		10	5B0			‖ S_2
52.4	L	167 0	171 8		11	5A3	50% BLACK; LOCALLY = 4A3;	INTERCALATED OVER 7cm	‖ S_2
53.5	L	171 8	175 6		12	5D7	+(minor 5A3) – 20% BLACK;		‖ S_2
55.8	L	175 6	183 0			5A6	50% BLACK; 10% ANK.;		
63.9	L	183 0	209 7		13	5B6	F/W HALF OF UNIT = SEVERAL	GOUGE	
							2–15cm QZ VNS + FUCHSITE GOUGE @ 203.8–204.0 ft &		
							GOUGE @ 201.4–201.9 ft		
							205.6–208.2 ft, 209.3–209.7 ft;		
64.2	L	209 7	210 5		14	5F4	?V. PRETTY MULTICOLOUR	COMPOSIT'N BANDS →	‖ S_0
							LAMINATED (PALE GREEN, DK GREEN		
							(CHLORITE), PALE BROWN &		
							BROWN (ANK)); WHITE BANDS		
							ARE SILTY; ALSO POSS. AN		
							EXTREMELY BLEACHED		
							5B.– BECAUSE OF 5C4		
							METASOMATIC ASS'N; ?		
67.6	L	210 5	221 8		15	5C4*	HIGHLY DOLOMITIZED,		‖ S_2
							SERECITIZED AND KAOLINIZED		
							5C; STILL RETAINS		
							ABUNDANCE OF CHLORITIC		
							KNOTS IN DOLO–CLAY–SERIC		
							MATRIX; OR [10D4]		

DDH EAGA060 (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 30/5/81 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	221.8	227.4		16	5F816	?FINE GRAINED; H/W 30cm = SILICIFIED	MOD.	—
						UNIT 14; THE ASS'N OF		
						UNIT 14 ON BOTH SIDES OF	GOUGE	
						SC4 INDICATES A DEFINITE		
						GENETIC LINK (METASOMATIC) →		
						SKARNIFICATION?; ALSO NOTE		
						UNIT 15 is MOD SILICIFIED FOR		
						~15cm AT EACH CNT;		
L	227.4	228.1		17	4L13	90% TALC; LARGELY		11S, 2%
						POWDERED/GOUGE; POSSIBLY		
						A SC-ASH BED?		
L	229.1	233.3		18	5C4*	AS UNIT 15; NOTE METAMORPHIC COMP'N'L BANDING.	QZ VN	
L	233.3	235.1		19	5F41	AS UNIT 14 BUT SILICIFIED;	COMPOS'N BANDS →	11S,
L	235.1	240.4		20	5B216	+(5B216); 10% ANK.		K, 11S
L	240.4	242.1		21	5F47	?/- SIMILAR TO UNIT 14	GRADES	
						BUT NOT NEARLY AS		
						BLEACHED;		
L	242.1	245.0		22	5C4*	-DOLOMITIC - AS UNIT 15; +ANK 5%!		11S,
L	245.0	253.2		23	5C*	-ANK - 30%	UNCONF SHEAR? SC*	K, S, SC*
L	253.2	257.0		24	5B41		—	
L	257.0	263.3		25	5C*	PRED GOUGE + 2% FUCHSITE. -ANK.	—	
L	263.3	265.9		26	5B41			11S,
L	265.9	284.9		27	5B6	+(5B26) - LOCALLY SILICIFIED; - MOD SERICITIC.		11S,
						2680.268.3ft - FUCHSITE GOUGE		
L	284.9	290.3		28	5D61	+(5D6) - LAMINATED;		11S,
L	290.3	305.5		29	5B216	+(5B6); 291.3 - 291.8ft		11S,
						2cm RECOVERY OF GOUGE -		
						POSS. A MAJOR FAULT BUT		
						ALSO LIKELY AN ERROR (AGAIN!)		
						IN PLACEMENT OF FOOTAGE		
						MARKERS;		
L	305.5	311.8		30	5B3			11S,
L	311.8	325.3		31	5B62	+(5B6) + (5B3)		11S,
L	325.3	328.0		32	5B46			11S,
L	328.0	331.0		33	4L14	+(4L3* - ANK) → DOMINANTLY AT F/W	? PROT	11S,

(817) (288.3)

DDH FAGA06.0

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 30/5/81 Logged By: GG

UNITS = FEET.

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	#
L	3310	3333		34	4E14	-POROUS [4G47] + (4E184) SULPHIDE-HEALED	?	
						BRECCIA AT F/W;		
						+4L1) - 332.6 - 333.3ft →		
						BRECCIA, MILKY CALCITE		
						VUGS - PROBS A SILICA-HEALED		
						FAULT		
L	3333	3360		35	4E14	+(4E14) + (4D4); 0.5%	SHARP WITH "FLAMES"	~11S$_0$
						VUGGY CALCITE VNS;		
						LOCALLY BRECCIATED BUT		
						PROB NOT FAULTED;		
L	3360	3388		36	4G14	5% <1mm QZ EYES		~11S$_0$
L	3388	3414		37	4L32	GOUGE @ 339.3 - 340.58ft		11S$_2$
L	3414	3494		38	4L*	LOCAL FUCHSITE; MOD - V. CALC + ANK+DOLO;		11S$_2$
L	3494	3518		39	4L3*	CALC ATROUS; V. TALCOSE;		11S$_0$
L	3518	3590		40	4G4	+(4G48) → LOCAL PODS;		11S$_0$
L	3590	3608		41	4G48	/3/		11S$_0$
L	3608	3636		42	4G4	+(4G48); 362.3 - 362.7ft -	PROB	11S$_0$
						ROUND TO ELONGATE		
						1-5mm VUGS - EMPTY;		
L	3636	3666		43	4L0	+(4L1) - SOME Mn-STAIN		11S$_0$ 11S$_2$
L	3666	3725		44	4D7A	+(4L0) + (4H4) + (4D784) → 10cm @ HW.		11S$_0$
						↳ LOCAL 4L0 BRECCIA CLASTS		
						(OPEN STRUCTURE) IN 4D74 MATRIX -		
						PROB NOT FAULT (20cm);		
L	3725	3753		45	4G84			11S$_0$
L	3753	3795		46	4E18	/6/ + (4G4); LOCAL (<10cm)		11S$_0$
						RAGGED BRECCIA - PROB NO		
						FAULT;		
L	3795	3816		47	4G4	→ + some QZ eyes; +(4E186); 30cm QZ-ANK	?	
						VN BRECCIA WITH 4E		
						CLASTS +PO AT F/W; PROB NOT FAULT;		
L	3816	3901		48	4L0	+ (4L*) - CALC.		11S$_0$?
						+ (4L3*) - 381.6 - 383.0 ft		
						→ MINOR SPHAL;		

DDH EAGA060 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

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Date: 30/5/81 Logged By: GG

UNITS = FEET

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	3900	3979		49	5B46	-V. SERICITIC;		11S2
						397.0-398.0ft - CALCITE-QZ		
						VEIN BRECCIA - HEALED		
						FAULT;		
L	3979	4040		50	5D4*	>20% ANK; COMMON QZ VNS,	1cm GOUGE	
						OCCASSIONAL FUCHSITE;		
L	4040	4060		51	5B46			11S2
L	4060	4319		52	4L01	+(4D48) → SLIGHTLY BRECCIATED 409.7-410.8 ft.	1 cm GOUGE	
						→ LOCAL FUCHSITE		
L	4319	4345		53	4L24			11S2 11S0
L	4345	4425		54	4E4*	/±2/ - CALCAREOUS - AKIN TO	?	
						4G* BUT NO BA SEEN;		
						+(4L*) - ANK 60%		
						+ FUCHSITE		
L	4425	4490		55	4G*	?+(4E4) CALCAREOUS - NO BARITE SEEN - LOCAL HONEY SPHAL-	RUBBLE	
						CALCITE FILLED VUGGY		
						VEINS (<1cm THICK) NEAR		
						F/W;		
L	4490	4515		56	4L34		3cm QZ VN	
L	4515	4608		57	5B3	+(5B6); GOUGE @ 452.5-454.0ft (Mn-STAINED)		11S2
L	4608	4618		58	5D43			
L	4618	4750		59	5B3	+(5A3); GOUGE 10% + QZ-CB 30%	?	
						VNS COMPRISE MUCH OF	5A ON 4E	
						THIS UNIT; DRILLERS!		
						NOTE - THIS FAULT		
						PRODUCED ABUNDANT		
						WATER;		
L	4750	4820		60	4E4	/±1/±6/; LOCAL SULPHIDE-	?	
						HEALED, SULPHIDE BRECCIA;		
						F/W CNT = 4cm OF 4L*-CALC + ANK/+ FUCHSITE		
L	4820	4959		61	5A3	+(5A6) - 50% BLACK (C)		11S2
						DECREASING TOWARD F/W;		
						SMALL GOUGES AND		
						MISSING CORE TOWARD		
						H/W; INCREASING ANK		
						TOWARD F/W;		

DDH FAG-A-06-0 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

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Date: 30/5/81 Logged By: GG

UNITS = FEET

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	%
1	10–14	16–20	22–24	26–28	30–34	35		
L	4959	5032		62	5B26			11S2
L	5032	5285		63	5B6	COMMON C;		11S2
L	5285	5330		64	5B3	SERECITIC; NONE TO	20cm GOUGE	
						MINOR C;	+RUBBLE	
L	5330	5640		65	5B3	MOD. CHLORITIC; SEVERAL		11S2
						2–5 cm GOUGES TOWARD		
						F/W;		
L	5640	5700		66	5B3	(SERICITIC) + (4L*) - CALC		11S2
						+ >20% ANK		
L	5700	5900		67	5B3	SERICITIC + 1% C;		
(174.7)						589.5 – 589.7 ft - GOUGE		11S2
						589.7 – 590.0 – 4L* - CALC +ANK.		
						ductile flow ??		
L	5900	5925		68	4E0	+ (4A0) + 4A0 <LOTS →		11S2
						PROB DISRUPTED LAM's		
						DURING COMPACTION &		
						SULPHIDE RECRYSTAL'N;		
L	5925	5988		69	5A6	15% C;		11S2
L	5988	6012		70	5A3		INTERCALATED OVER 5cm	11S2 11S0
L	6012	6031		71	4EA*	+ (4H*) - CALCAREOUS + ANK/SERICITE		11S2
						↳ 10cm AT F/W;		
L	6031	6056		72	5A3	+ (4L*) → >20% ANK		11S2
						↳ 15cm @ F/W;		
L	6056	6110		73	5B32	609.1 – 611.0 ft. - GOUGE +	RUBBLE	
(185.7)						4L* ANK. RUBBLE		
L	6110	6278		74	5B2*	1/2 – 5% ANK IN WHITE SILKY		11S2
						BANDS;		
L	6278	6350		75	5B32	+ (5B32*) 5 LOCAL	GOUGE	
L	6350	6376		76	5B3	+ (5A3); 50% OF UNIT	QZ VN	
						COMPRISES GOUGE + 10Q;		
L	6376	6500		77	5A3*	+ (5B32); 3% ANK		11S2
L	6500	6584		78	5A3	MINOR ANK;		11S2
L	6584	6690		79	5B6	+ (5B3)	QZ VN	
L	6690	6843		80	5B6	669 – 674 ft 50% 10Q	GOUGE	
(205.4–208.6)						674 – 684.3 ft DOMINANTLY		
						GOUGE; NOTE QZ VNS		
						~11S2 ONLY ABOVE GOUGE – POSS. A THRUST FAULT?		

DDH EAGA-060 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 30/5/81 Logged By: GG

UNITS = FEET.

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		
210.1 L	6843	6892		81	5B6		QZ VN	
L	6892	6900		82	4L*	CALCAREOUS; PALE BROWN-		11S2
						DUE TO ABUNDANT FINE		
						LIMONITE?		
L	6900	7002		83	5B6	+ minor (4L*) - CALC;	GOUGE	
						698.6 - 700.2 ft = QZ-CTS		
						VNS + GOUGE		
L	7002	7123		84	5B6	- FINE GRAINED; 20% OF UNIT	QZ VN.	
						= GOUGE + QZ VNS		
L	7123	7383		85	5B26			11S2
233.0 L	7383	7645		86	5B6	+ (5B3) - ENTIRE UNIT	PROB.	11S2.
						SLIGHTLY CALC; SEVERAL		
						2-5cm GOUGE/RUBBLE		
						SECTIONS;		
236.2 L	7645	7748		87	5B3	[3D(8)?] - DK BROWN		11S2.
						(BIOTITE?) TINT;		
L	7748	7800		88	5B6	+ (5D3)		11S2
L	7800	8005		89	5B3	LOCALLY CHLORITIC		11S2
L	8005	8376		90	5B32	+ (5B3)	CONFORMING 1cm QZ VN	
L	8376	8394		91	4H1	+ (4L*) ≤ @ H/W ANK ~5%		11S2
L	8394	8442		92	4L*	2-10 cm 10Q NEAR F/W	GRADES 30cm.	
						~⊥ C.A.;		
L	8442	8497		93	5B12	[6/9] - REALLY 4AT WITH	GRADES 3cm.	
						ONLY 1% SULPHIDES -		
						MAINLY PØ;		
L	8497	8525		94	4L*	ANK - 20%	PROB	11S2
L	8525	8760		95	5A6	+ (4A3);	GOUGE	
						871.5 - 876.0 - GOUGE;		
L	8760	9066		96	4A3	+ (5A6) + minor (4A9);	NOTE - 4A3 IS NOT VERY SILICEOUS	11S2
						THIS IS A ZONE OF		
						GRADATIONAL 4A-5A		
L	9066	9120		97	4L3		PROB	11S2
L	9120	9220		98	5B46	+ (4LO);	PROB	11S2
280.7 L	9220	9406		99	4A3	+ (very minor 4L* ANK);	PROB	11S2
281.1 L	9406	9428		100	4E1	+ (4L* - 5% ANK).		

DDH FAGA060 (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 30/5/81 Logged By: GG

UNITS = FEET

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	%
	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35		
294.6 L	942 8	966 5		101	5A19	1/6 - ~1% PY; V. SILICEOUS; DECREASING TOWARDS F/W;		
						BLACK (C) 50%; LOCALLY		
						MOD CALC;	GRADES	
						THIS IS THE LATERAL	OVER 1.M	
						"PREGNANT SHALE" EQUIV		
						OF ORE;		
						948-950ft - NO CORE		
						& POOR RECOVERY. (18 ft TOTAL)		
						THROUGH MOST OF SECTION;		
312.8 L	966 5	1026 2		102	5A6	60% BLACK (C); NO SULPHIDES; 5cm GOUGE		
						1018.2 - 1018.8 ft = GOUGE		
314.9 L	1026 2	1033 2		103	5B6	+(5A6).		$11S_2$
316.1 L	1033 2	1037 2		104	5A16			$11S_2$
319.4 L	1037 2	1047 9		105	5A6	+(5B62); MINOR LOCAL		$11S_2$
						2cm GOUGE;		
322.5 L	1047 9	1058 1		106	4L2	+(5B6); NOTE PYRITIC		$11S_2$
						SECTIONS ARE 4L AND		
						NON-PY ARE 5B → ∴ PY		
						MAY BE A CAUSE OR EFFECT		
						CATALYST TO CHANGING		
						5B→4L; IS THIS 4L2		
						A METASOMATIZED 4A3;		
323.3 L	1058 1	1060 7		107	4A3	THIS SHOWS NO EFFECT		$11S_2$
						OF CONVERSION TO 4L2		
						BUT IT DOES NOT HAVE		
						AS MUCH PY AS DOES		
						THE ABOVE 4L2;		
324.4 L	1060 7	1064 4		108	4G8	+(minor 4K0 @ H/W) + (4G4*8-		
						LOCALLY V. CALC);		
325.1 L	1064 4	1066 5		107	A10	+MIXED BAG → (4L*ANK)		$11S_2 1S_0$
						+(4E8 @ H/W) + (4G48)		
328.6 L	1066 5	1078 1		110	A43	+(4A4) 5→30cm @ H/W +	PROB	$11S_2 1S_0$
						MINOR ELSEWHERE;		
330.1 L	1078 1	1083 0		111	AG8X	+(4G8 - PY ONLY)		
330.5 L	1083 0	1084 4		112	5B26	(@F/W) + (4L0 @ H/W) + (4A0)	PROB	$11S_2 11_0$

DDH EAGA060 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 30/5/81 Logged By: GG

UNITS = FEET.

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		
331.1 L	1,084	1,086		113	4E8*			11S2
335.0 L	1,086	1,099		114	5B26	+(4A4-minor); mod siliceous		11S2
335.3 L	1,099	1,100		115	4E7			11S2
337.9 L	1,100	1,085		116	5A6*	-ANK. +minor (4C2);		11S2
						NOTE - THIS WHOLE		
						SECTION IS A TRANSITION		
						ZONE COMING OUT OF		
						A BLACK HOLE & INTO		
						ORE - BUT WHICH DIRECTION?		
340.2 L	1,085	1,163		117	5B26	+(5A6). *4	PROTO	11S2
340.6 L	1,163	1,174		118	4E8/18	HIGH GRADE 4E8 H/W HALF;		11S2
344.0 L	1,174	1,287		119	4A/10			11S2
345 L	1,287	1,320		120	5A6	+(4A4)+(4E0)		11S2
347.5 L	1,320	1,400		121	4C5	+(COMPACTION?) BRECCIA		11S2 11S0
						REMNANTS OF 4A3;		
361.5 L	1,400	1,860		122	5A6	+(4A3) ↘ DECREASING		
						DOWNHOLE;		
						1155.9 - 1157.2 ft - GOUGE &		
						TECTONIC BRECCIA ZONE		
						1165.8 - 1166.9 ft - RUBBLE +		
						GOUGE ZONE;		
						END OF HOLE @ 1186 ft.		
						(361.5m)		

DDH FAGA 06.0 (2–8)

UNITS = FEET

Cyprus Anvil Mining Corp.

Structural Log

Date: 31/5/81 Logged By: GG

28-44 → Z
44 → 47 - S
47 → 90 - M + P
90 → 125 - S
125 → 200 - S + m + minor Z.

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip Direct. (28–32)	S_1 Dip Direct. (34–38)	S_2 Dip Direct (40–44)	Description + REVERSING S-Z-S-Z
S		300	CSZ				72	M-REGION 28'-200
								GOUGE - 43.6 - 44.4 ft
								H/W = 50/00 [SLICKEN SIDES ∥ S_2 & ⊥ S_2]
								F/W = ?
S		500	CSZ				74	TENSION GASHES
								COMMON 50 -
								50-75 ft = 0-20°/250-300° WRT S_2.
								75-140 ft = ~0°/— WRT S_2
								140-230 ft = 10-30°/150-250° WRT S_2.
S		700	CSZ				72	
S		900	CSZ				90	
S		1110	CSZ				76	
S		1300	CSZ				78	
S		1500	CSZ				79	
S		1700	CSZ				72	
S		1900	CSZ				68	
S		2100	CSZ				61	GOUGE CNTS?
S		2250	PSZ				61	MILLIMETER OFFSETS ALONG S_2
								ON QZOSE COMPOSITIONAL
								BAND SHOW H/W
								MATERIAL MOVING DOWNDIP
								W.R.T. F/W MATERIAL;
								GOUGE @ 227.4 - 229.1 ft
								CNTS ?
S		2530	CSZ				71	M-REGION 245-257 ft
								(S-REGION 229-245)
								GOUGE - 257.0 - 263.3 ft →
								H/W CNT? F/W CNT = 65/00??
S		2750	CSZ				67	GENERALLY Z(?) 263 → 310
S		3000	CSZ				52	"TENSION GASHES" ALONG
								D_5 KINK AXES @ ~30/180° @ 300-328';
S		3200	CSZ				67	M-REGION - 310 - 323
								S-REGION (?) 323 - 328+
S		3370	CSZ				57	S-FOLIATION (NOT BANDING) /S/
								331.0 - 333.3 - FAULT →
								H/W = 47° TO C.A

F/W = 67/00° WRT S_0 @ 47°

DDH EAGA060 (2 … 8) Cyprus Anvil Mining Corp

Page 16 of 17

Logged by GG

ASSAY LOG (SAMPLER'S COPY) Date 1 JUNE/81 Sampled by LS

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
A	3280	3310	61914	30	30	4L14	+(4L3*).
A	3310	3316	61915	50	55	4G4	+(4E1)
A	3316	3318	61916	28	28	4G14	
A	3318	3411	61917	26	24	4L32	+GOUGE 4
A	3411	3471	61918	47	50	4L*	SD4*?
A	3471	3518	61919	47	48	4L*	+(4L3*) SD4*?
A	3518	3590	62010	72	72	4G4	— —
A	3590	3636	62011	46	49	4G4	+(4G483).
A	3636	3666	62012	30	30	4L0	+(4L1)
A	3666	3725	62013	59	64	4D7*	+(4H4) +(4D784).
A	3725	3753	62014	28	28	4G84	
A	3753	3816	62015	63	65	4E18	/6/ +(4G4) 4EG
A	3816	3880	~~62016~~	64		4L0	+(4L*) +(4L3*); PREVIOUSLY PARTIALLY
							SAMPLED BY K.A. (381.6-382.7A),
							382.7-388.0 - ½ CORE
							TAKEN BY CYPRUS IN
							ADDITION TO REMAINING
							CORE FROM K.A. ASSAYS;
A	4060	4132	62017	72	75	4L0	+(4D48)
SPLIT A	4132	4176	62018	44	41	4L0	NOT PREVIOUSLY ASSAYED BY K.A.
A	4176	4210	62019	34	34	4L0	
SPLIT A	4210	4277	62110	67	75	4L0	NOT PREVIOUSLY
A	4277	4345	62111	68	69	4L0	+(4LZ4) ASSAYED BY K.A.
A	4345	4385	62112	40	42	4E4*	/±2/*
A	4385	4425	62113	40	40	4E4*	/±2/*
A	4425	4490	62114	65	76	4G**	*
A	4490	4515	62115	25	25	4L34	
A	4750	4820	62116	70	36	4E4	/±1/±6/
A	5900	5925	62117	25	25	4E0	+(4A0)
A	6012	6026	62118		20	4D4*	+(4H*) 4E*
SPLIT A	8442	8497	62119	55	51	5B12	/6/9/ → 4A7 WITH LOW SULPHIDE

NOT PREVIOUSLY SAMPLED BY K.A.

DDH EAGA060 (2–8) **Cyprus Anvil Mining Corp** Page 17 of 17

ASSAY LOG (SAMPLER'S COPY) Date 1 June/81 Logged by GG Sampled by LS

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10–14	16–20	22–26	28–30	32–34	36–40	42
	8520	8600		80			LOW GRADE - SEE K.A. ASSAY
A	8760	8810	162210	50	55	4A3	+(5AG)
A	8810	8876	162211	66	56	4A3	+(5AG) NOT PREVIOUSLY
A	8876	8942	162212	66	73	4A3	+(5AG) SAMPLED BY K.A.
A	8942	9000	162213	58	59	4A3	+(5AG)
A	9000	9066	162214	66	64	4A3	+(5AG)
A	9220	9286	162215	66	68	4A3	
A	9286	9352	162216	66	71	4A3	
A	9352	9406	162217	54	56	4A3	
A	9406	9428	162218	22	24	4E1	
A	10581	10607	162219	26	27	4A3	
A	10607	10644	162310	37	31	4G48	
A	10644	10665	162311	21	29	4A40	+(4L*)+(4E8)+(4G48)
A	10665	10723	162312	58	58	4A3	+(4A4)
A	10723	10781	162313	58	61	4A3	
A	10781	10830	162314	49	45	4G48	+(4G8-PY ONLY)
A	10830	10864	162315	34	33	4E84	+(5B26)
A	10864	10932	162316	68	76	5B26	
A	10932	11000	162317	68	85	5B26	+(4E1)
	11144	11163		19			LOW GRADE - NOT SAMPLED - SEE K.A. LOGS
SPLIT A	11163	11225	162318	62	73	4A40	+(4E48)
A	11225	11287	162319	62	61	4A40	
SPLIT A	11320	11400	162410	80	88	4C5	
A	11400	11466	162411	66	68	5A6	+(4A3); NOT PREVIOUSLY SAMPLED BY K.A.
							END OF HOLE @ 1186 ft

Feet

FAULT

DDH FAGA060 (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	1413 6	1414 4	GB1		510 010			gouge & broken core
F	11011 3	11123	1G					minor 2cm gouges
F	12093 8	12104 0	1G					
F	12101 4	12101 9	1G					gouges w/ qtz veins
F	12015 6	12018 2	G1					
F	12019 3	12019 7	1G					
F	12127 4	12129 1	G1					gouge
F	12157 0	12163 3	G1				615 010	gouge
F	12161 8 0	12161 8 3	1G					fuchsite gouge
F	12911 3	12911 8	P1G					2cm gouge recovered #@ 479 ??
F	13131 2 6	13133 3	X1				617 010	bxa upper part sulphide - healed
								lower part silica healed
F	13131 3 3	13131 6 0	X1Q					vuggy calcite veins — locally
								bxiated
F	13131 6 0	13131 8 8	D1					5% is <1mm qtz eyes
F	13131 9 3	13141 0 5	G1		011 010		011 010	gouge // core axis
F	13161 6 6	13171 2 5	X1D1?					local 4LO bxa clasts in
								4D74 matrix - prob. not fault
F	13171 5 3	13171 9 5	X1D1?					local (<10cm) ragged bxa
F		13181 6	X1Q1					30 cm qtz-@ vein bxa
								w/ 4E clasts
F	13191 7 0	13191 8 0	Q1X1					calc-qtz vein bxa - healed flt.
F	14101 9 7	14111 0 8	1X1					slightly bxiated
F	14151 2 5	14151 4 0	G1		919 9191 9		99 9919	gouge // S_2
F	14161 1 8	14171 5 0	G1Q1F					gouge + qtz-carbonate veins — 0-200 C.A.
								produced water during drilling
F	14171 5 0	14181 2 0	X1D1?					sulphide - healed, sulphide
								bxa
F		15161 4 0	1G					several 2-5cm gouges
F		15181 9 6	1G					gouge
F	15191 0 0	15191 2 5	X1D1?					4A0 clasts in 4E0
F	16101 9 1	16111 0	G1R1					gouge + rubble
	16131 5 0	16131 7 6	G1Q1					50% of unit gouge +
								1020
F	16171 4 0	16181 4 3	G1					dominantly gouge
F	16161 9 0	16171 4 0	Q1			999 9999		50% 1020

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

feet

FAULT

DDH FAGA060 (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	161918 6	171002	QG					qtz-carb. veins + gouge
* F	171002	171123	IGQ					20% of unit gouge ← + qtz veins
F	171383	171614	IGR					several 2-5 cm gouge + rubble zones
F	181715	181760	G					gouge
F	191428	191665	PI	7				18ft/23.7ft recovery
F	191480	191510	NIPI					no core
F		101186	G					gouge 1018.2-1018.8
F	111320	111400	XI?					bxa
F	111559	111572	XG					gouge & tectonic bxa
F	111658	111669	RG					rubble & gouge zone

one gouge 44/310

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

DDH FAGA060 (2–8) Cyprus Anvil Mining Corp. Page 11 of 17

UNITS = FEET GEOTECH ~~Lithologic~~ Log Date: 31/5/81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
	3310					HANGINGWALL → (SB6 + (ALI))
						ORE | MOD. COMPETENT | ORE
						10ft 0ft
		4820				FOOTWALL → (SA3)
						ORE | V. GRAPHITIC – PARTS INTO 1–3 cm PIECES (BQ CORE) |
						0ft 10ft
	5910					HANGINGWALL → (SB3)
						ORE | COMPETENT ↑ GOUGE | ORE
						10ft 0ft
		6026				FOOTWALL → (SB32 + (SA6))
						ORE | GENERALLY COMPETENT – BUT MINOR GOUGES & LOCALLY V. GRAPHITIC |
						0ft 10ft

CHECK FOOTWALL

DDH FAGA0660 Cyprus Anvil Mining Corp. Page 12 of 17

UNITS = FEET GEOTECH ~~Lithologic~~ Log Date: 31/5/81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	9220					HANGINGWALL → (5B46 + (4L0))
						ORE | COMPETENT | ORE
						10ft 0ft
		9428				FOOTWALL → (5A196)
						ORE | COMPETENT |
						0ft BUT 10ft.
						V. GRAPHITIC/SILICEOUS
	10581					HANGINGWALL → ((4L2) + (5B6))
						| COMPETENT | ORE
						10ft 0ft
		11400				FOOTWALL → (5A6)
						ORE | MOD. COMPETENT |
						0ft BUT 10ft
						V. GRAPHITIC
						- BREAKS INTO 3-10cm PIECES
						(BQ CORE)

Monday

NOVEMBER

S	M	T	W	T	F	S
. .	. .	. .	. .	. .	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
. .	. .	. .	. .	. .	. .	. .

23

DEC. 1974

JANUARY

S	M	T	W	T	F	S
. .	. .	. .	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	. .
. .	. .	. .	. .	. .	. .	. .

A60 DEC. 15/75

No change in wh. Av's

Re-checked.
(Phil)

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY Vangorda "Grum" Zone, Kerr - AEX Joint Venture. Y.T.

D.D.H. No. A - 60 PAGE 1 of 14

LATITUDE 10 656.40 N 0+00 BEARING OF HOLE Collar 360 / 78°50' 415 / 75°50' - 90° 633 / 77°50' 715 / 65°50'

STARTED Nov. 16/74 D.S.

CLAIM No. GRUM 3

DEPARTURE 7 568.59 E 72W DIP OF HOLE -90°

COMPLETED Dec. 1/74 D.S.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION 4187 A.S.L. 714.3 P.A. Topog (1289.41m)

DIP TESTS Tropari Surveyed 1976 -85° -82° -80° -79°

DEPTH Proposed: 1080 - 1140' Ultimate: 1186' (361.49m)

HOLE SIZE: 0 - 28 BW; 28 - 1186' BQ

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	28	OVERBURDEN													
28	38	QUARTZ-SERICITE-GRAPHITE PHYLLITE. Med. Grey													
		55% qtz, 40 ser, 5 graph. Med. grey, banded..F1 well developed and prominent. C.A.: 70 - 75°.	9/10		28	38									
38	55.5	QUARTZ-GRAPHITE PHYLLITE													
		70% qtz. Light grey qtzose band and black foliation graphite. Bands thin to 0.2' wide. F1 well developed and prominent. 45 - 90° to F2. Shearing and brecciated at 43.7 - 45.1'. 40° contact slip with ser. phyllite below. C.A.: 70 at 38 - 46'; 75 at 47 - 52'; 80 at 53'.	17.4/ 17.5		38	55.5									
55.5	86	QUARTZ-SERICITE PHYLLITE. Light grey.													
		60 - 65% qtz. Thinly laminated. Local F2 poorly developed. Numerous tension fractures and gashes, qtz-carb filled. Minor shearing at 81 - 83, some gouge.	18.5/ 18.5		55.5	74									
		C.A.: 75 at 56'; 80 at 58 - 60'; 75 at 61 - 64'; 70 at 65 - 75'; 75 at 76'.	11.5/ 12.0			86									

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A - 60 PAGE 3 of 14

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft. SAMPLE	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
199	296	QUARTZ-SERICITE PHYLLITE AND ALTERED EQUIVALENTS - SHEARED ZONE					
		Phy generally light to med. grey, thinly foliated rocks. Zone intensed sheared					
		or faulted in many places, resulting in bleaching. Chloritization and also	1.2/				
		fuschite mineralization.	4.0	199	203		
		199.0 - 204.5': sheared, bleached, fuschite min.	7.7/				
		207.0 - 209.0': sheared, bleached, fuschite min.	15.0		218		
		210.0 - 226.0': partly bleached, 25% chl layers.					
		229.0 - 233.5': 15% chl. gouge at 229.5 - 231'.	30/33		251		
		- 236.0': bleached grey buff.					
		240.0 - 257.0': bleached and chloritised (5 - 25%)	4.5/9		260		
		- 263.0': sheared to a crumbly rock, 10 - 20% fuschite	8.2/				
		- 268.0': many slips, partly bleached	8.5		268.5		
		- 268.3': crumbly rock with fuschite, as above	17.3/				
		285.0 - 296.0': bleached buff or grey-buff. Probable mud shear at 292 - 296'	19.5		288		
		Rocks not detailed above show minor to mod. alteration, usually fractured.					
		C.A.: 45 at 204'; 70 - 75 at 207'; 75 at 212 - 222'; 70 at 223 - 227'; 65 - 55	3.3/8		296		
		at 228'; 70 at 232 - 235'; 65 at 236'; 60 at 238'; 45 at 241'; 55 at 244'; 40					
		at 246'; F1 at 245 - 249//core; 65 at 247'; 75 at 250'; 45 at 252'; 45 at 263';					
		65 at 266'; 60 at 270'; 90 at 272';70 at 275; 55 at 277 - 283'; 70 at 284-295'.					
296	327.1	QUARTZ-SERICITE PHYLLITE, Altered by stresses					
		55 - 60% qtz. Med. and dark grey ser and light grey qtzose bands. Bands undu-					
		lating and/or contorted. F1 moderate to well developed. Numerous tension	31/				
		gashes, cracks and fractures, all qtz-carb. filled. Also numerous tight slips	31.1	296	327.1		
		with considerable displacement. slips vary from 30 - 90° to core.					
		Note graphite phy units are "wedged" into ser phy, banded by tight slips.					
		Largest graph unit displaced is located between footages 322 (contact at 30° to					
		core) and 325.2 (contact at 65°) Buff alteration begins at 325.2 and gradually					
		increases.					

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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
		C.A.: 50 at 296'; 60 at 298'; 75 slip at 299'; 60 - 45 at 300'; 40 at 301'; 30 at 303'; 50 at 305'; F2 fold nose at 307.3'; 60 at 308'; 75 at 310'; 65 at 311'; 80 slip at 311.5'; 75 at 315'; 60 at 317'; 50 at 319'; 60 at 321 - 326'.													
327.1		The following sections are actually one thick zone of bleached rocks - sericitic phyllites; locally sheared, brecciated and sometimes pulverized. Generally, the phy contain a rather low percentage of sulphs. Within the zone are sections of sulph concentration, mainly py with moderate values in PbZn, rich in barite. Magnetite is noted in some sections. and pyrr is a minor occurrence. Description of this zone is as follows:													
327.1	382.7	MAIN SULPHIDE ZONE. Barite rich. Also Magnetite	0.9/ 0.9		327.1	328.0									
		The zone contains two barite rich sulphide sections with moderate values in PbZn and intervening ser. phy with minor sulphs.	2.3	1074		330.7	2.7	.28	.24	.12					
			5.1	1075		335.8	5.1	5.18	7.08	2.29			26.42	30.11	11.68
			2.8	1076		339.0	3.2	7.50	9.71	3.59			24.00	31.07	11.49
		327.1 - 330.0': buff ser, 0.4 py, 0.2 PbZn	1.8	1077		341.3	2.3	3.53	3.78	2.21			8.12	8.69	5.08
		- 330.7': buff ser, talcy but firm, 3 py, 2 PbZn	4.7	1078		346.0	4.7	.09	.12	.09			.42	.56	.42
		- 332.1': mass. sulphs, 50% porous, 55 py, 10 PbZn	2.9	1079		348.9	2.9	.15	.15	.12			.44	.44	.35
		- 332.7': buff sheared ser, negl. sulphs.	2.6	1080		351.8	2.9	1.60	.54	.85			4.64	1.55	2.47
		- 335.8': mass. sulphs, sulph breccia in qtz-carb matrix at 334.2 - 334.9', 70 py 7 PbZn	6.8	1081		359.0	7.2	7.35	8.76	3.27		↓	52.92	63.07	23.54
			4.6	1082		363.6	4.6	7.28	7.56	3.24		↓	33.49	34.78	14.90
		- 339.0': barite rich (30%?) sulphs, 20 py, 10-12 PbZn, dissem, faint bands	2.1	1083		365.7	2.1	.24	.25	.12		○	0.50	0.53	0.25
			8.3	1084		374.0	8.3	3.68	3.18	1.27			30.54	26.39	10.54
		- 341.5': pulverized qtz-ser, white talc cemented loosely, bands sulphs, 4 py, 2 - 3 PbZn	7.0	1085		381.0	7.0	5.18	5.04	2.35			36.26	35.28	16.45
			1.7	1086		382.7	1.7	.68	.51	.56					
		- 346.0': green-buff ser, negl. sulphs. Fl fold nose at 343.7'.			330.7	341.3	10.6	5.52	7.16	2.67	Wt. Av		58.54	75.87	28.25
					341.3	351.8	10.5	.76	Pb Zn		Wt. Av.		5.50	2.55	3.24
		- 348.9': Highly altered buff and talcy ser, re-folded or contorted. Fl noted. brecciated and healed. 2 py. 0.5 PbZn.			351.8	362.6	11.8	7.32	8.29	3.26	Wt Av	○	86.41	97.85	38.44
					365.7	381.0	15.3	4.37	4.03	1.76	Wt. Av.	○	66.80	61.67	26.99
					351.8	381.0	29.2	3.21	5.48	2.35 (77.1)			93.71	160.05	65.68

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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
		348.9 - 351.8': 60% pulverized - white talc, banded sulphs also													
		0.3' mass sulphs. Av. 4 py, 1.5 - 2 PbZn.													
		C.A.: 70 at 328'; 90 at 330'; 75 at 331'; 55(?) at 332'; 70 - 75													
		at 334'; 70 at 336'; 30 at 339 - 341'(Fold?); 70 at 342'; 55 at													
		345'; complicated folds at 346 - 350', 75 at 351'; 70 contact at													
		351.8'.													
		351.8 - 363.6': qtz and barite rich (20 - 45 qtz + 5 - 20 barite),													
		uniform 35% py, (8 - 10)? PbZn, dissem and blebs mag ≪ 0.4%.													
		363.6 - 365.7': buff ser, minor sulphs. shear contact 70 at 363.6//													
		banding, lower contact at 365.7 at 70// banding													
		- 374.0': mass. sulphs with remnant narrow bands ser, minor													
		scattered pyrr, bands mag from 371 - 374' (0.8%													
		mag), 40 - 45% py, 8 PbZn, minor barite.													
		- 381.0': mass py sulphs and barite rich sulphs, av 50 - 55													
		py, 6 - 8 PbZn													
		- 382.7': Brecciated qtz in sulph and brecciated qtz-ser,													
		20 py, spots pyrr. 0.1 PbZn.													
		C.A.: 65 at 352'; 75 at 354 - 359'; 70 at 360'; 50 at 361';													
		65 at 365'; 45 at 368'; 75 at 70'; 80 at 374'; 75 at 379'; 50 at													
		381'; 55 at 382'; 70 shear at 382.7.													
382.7	434.3	QUARTZ-SERICITE PHYLLITE, Altered and Bleached. Minor sulphides.	9.3/ 11.3		382.7	394.0									
		60 - 65% qtz. Highly altered, rocks bleached to buff and/or	11.9/ 11.9			405.9									
		grey. buff color. Moderate shearing, fracturing, minor brecciation	3.1	1087		409.1	3.1	.19	.11	.06			.93	PbZn	
		Intermittent sections of minor sulphs. Tan colored carb filling	2.7	1088		413.2	4.2	.84	.77	.38			6.76	"	
		of fractures, cracks and breccia filling common.	3/4.4	—	413.2	417.6	—								
		382.7 - 389.2': 1% py. 0.1 PbZn. Slips 40° to core. buff color	2.6	1089		421.0	3.4	.78	.85	.29					
		- 397.0': buff-grey, odd speck sulph (py)	12.0/												
		- 399.0': sheared and brecciated	13.3			434.3									
		- 409.0': bleached buff, tight slips, some with gouge,													
		fuschite min at 402.5 - 403.4. Occasional py, minor			405.9	413.2	7.3	1.05	PbZn		Wk.IV.		7.69	PbZn	
		PbZn													

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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
		409.0 - 413.2': as above with bands mass py, 0.4% PbZn													
		- 417.6': buff ser, negl. sulphs.													
		- 421.0': buff ser, 2 py, 1 PbZn													
		- 434.3': buff ser, 1 - 2 py, no PbZn													
		C.A.: 70 at 399 - 405'; 75 at 406 - 410'; 50 at 411 - 413';													
		85 - 75 at 415 - 420'; 60 at 422'; 85 at 423'; 75 at 426'; Fl at 433'.													
434.3	449.5	CENTRAL SULPHIDE ZONE. Mass sulphs - brecciated. Mod. barite-Mag.													
		Mass. py, fractured, parts brecciated and re-cemented. Variable													
		PbZn, barite, qtz and mag. Sericite inclusions (bands). Folds													
		noted at 442 - 448.5, Fl + F2. barite rich occur at noses (?)													
		434.3 - 435.4': 60 py, 14 PbZn, barite rich													
		- 437.7': 75 py, 0.2 PbZn, spot mag buff ser band at 437 - 437.4'.	3.0	1090	434.3	437.7	3.4	2.78	2.82	1.44					
		- 444.4': 70 py, 7 PbZn. 2% mag at 437.7 - 439.3', sulph brecc at 441.8 - 444.4'. Local rich barite bands.	6.0	1091		444.4	6.7	5.55	4.74	1.88			37.18	31.76	12.59
			5.1	1092		449.5	5.1	4.73	4.80	1.59			24.12	24.48	8.06
		- 446.1': 20 py, 1 - 5 PbZn. 444.4 - 446.1 qtz-ser-sulphs. 447.6 - 448.3 barite rich.			437.7	449.5	11.8	5.19	4.77	1.75	Wl. INV.		61.30	56.24	20.65
		- 449.5': 65 py, 9 PbZn			434.3	449.5	15.2	4.65	4.32	1.68	" "				
		C.A.: 70 at 435'; 55 at 437'; 70 at 439'; 45 at 445'; 30 at 448'; 40 at 449'.													

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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
449.5	478.6	QUARTZ-SERICITE PHYLLITE, Altered and Bleached													
		60 - 65% qtz. Highly altered, locally sheared and brecciated. Buff grey color. Negl. sulphs except upper contact.	1.6	1093	449.5	451.2	1.7	.69	.99	.21					
		462.2 - 478.6': Intense shearing, brecciated, slightly graphite, buff and grey, becomes dark grey.	13.0/13.8			465.0									
		C.A.: 50 at 450'; 40 at 452'; shear at 70 at 452.7'; 80 at 453';	1.5/4.0			469.0									
		60 at 455'; 45 at 456'; 75 at 457'; 70 at 458'; 50 shear at 461.4';	7.4/9.6			478.6									
		40 at 471.6'; 75 at 464'; 15 - 25 shear at 469 - 470'; 60 - 55 at 475'; 30 shear contact at 478.6'.													
478.6	483.0	LOWER SULPHIDE ZONE. Mass. Sulphides													
		PbZn rich sulphs in qtz-barite py, pyritic at both ends. Lower	4.0	1094	478.6	482.7	4.1	11.48	17.35	5.00			47.07	71.13	20.50
		contact at 70° show 0.2' of buff ser with pyrite and fuschite and	0.2/0.3			483.0									
		then in contact with qtz-graph phy. 55 py, 16 PbZn. C.A.: 70°.			(475.7	485.7	10.0	4.71	7.11	2.05	W.A.		47.07	71.13	20.50)
483.0	502.7	QUARTZ-SERICITE-GRAPHITE PHYLLITE													
		55 - 60 qtz, 40 - 45 ser, 1 - 15 graph. Decreasing graph content	6.0/11.5		483.0	494.5									
		with depth. Highly sheared, highly fissile to 498'. Negl. py.	7.2/												
		C.A.: 70 to 495'; 75-85-70 at 496 - 498'; 70-65 at 499 - 502'.	8.2			502.7									
502.7	528.5	QUARTZ-SERICITE PHYLLITE. Medium grey													
		55 - 60 qtz. Thinly foliated, med. fissile. A few tight slips.													
		Odd py. C.A.: 75 to 510'; 80 - 85 - 90 at 511 - 514'; 70 at 516';	24.0/												
		80 at 521'; 70 at 523'; 80 at 529'.	25.8		502.7	528.5									

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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
528.5	589.3	QUARTZ-SERICITE PHYLLITE, Pale grey alteration													
		60 - 65% qtz, white qtzose bands and pale grey ser with thin foliations buff ser. Locally more bleached. Minor shears and slips, some tension cracks. Odd Py.	50/ 60.8		528.5	589.3									
		C.A.: 75 - 85 to 543'; 70 - 75 at 543 - 553'; 80 - 85 shears at 552 - 554'; 70 at 555'; 80 - 85 at 561 - 572'; 70 at 573 - 586' shear at 587'. 55 at 588'; 50° slip at 588.3'; 75 at 589'.													
589.3	590.4	FAULT													
		589.3 - 589.9': fault gouge - light grey ser and dark grey to black graph. lower contact at 35° sharp.	0.6/ 0.6		589.3	589.9									
		- 590.4': pale grey ser phy.	0.5/ 0.5			590.4									
590.4	606.7	QUARTZ-SERICITE-GRAPHITE PHYLLITE WITH SULPHIDE BANDS													
		50 - 60% qtz. Dark grey to black. 20 - 30 ser, 5 - 20 graph. Zone sheared, contorted and locally brecciated.	2.1	1095	590.4	592.5	2.1	1.55	1.86	.56					
		590.4 - 592.5': bands mass. py, 25 py, 0.2 PbZn	7.4/ 8.0			600.5									
		- 600.5': graph phy, minor py at contact													
		- 602.6': mass. sulphs, 55 py, 10 pyrr, 1 - 2 PbZn	2.0	1096		602.6	2.1	1.13	1.02	.59					
		- 606.7': negl. py, ser-graph phy.	3.2/ 4.1			606.7									
		C.A.: 45 at 591'; 15 at 592.5'; 65 at 593'; 60 at 596'; 55 at 597'; 70 at 598'; 40 at 599.5'; 40° contact at 600.5'; 70 approx. contact at 606.7'.													

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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
606.7	650.0	QUARTZ-SERICITE-GRAPHITE PHYLLITE. Med. grey with carbonate													
		60 - 70% qtz, 20 - 25 ser, negl to 4% graph, 2 - 4% tan carb.	3.8/ 4.4		606.7	611.0									
		Carb. occur as dissem in qtzose bands, often concentrated. Phy banded. Fl well developed. Occasional py. A few shears and	14.8/ 15.0			626.0									
		slips. Tan, chalky vein (?) at 610 (?) - 611'.	19.3/ 24.0			650.0									
		C.A.: 80 - 85 at 607'; 70 at 609'; 85 at 612 - 619'; 75 at 620'; 70 at 621 - 625'; 75 at 627 - 634'; 70 at 635'; (shear), 75 - 70 at 636'- 646'; 55 at 648'.													
650.0	668.5	QUARTZ-SERICITE-GRAPHITE PHYLLITE. Med. grey													
		Similar to section above (606.7 - 650'), less tan carbonates.													
		Local Fl poor.	15.4/ 18.5		650.0	668.5									
		C.A.: 70 at 650'; 60 at 654'; 75 at 659'; 85 at 661'; 70 at 663'.													
668.5	738.0	QUARTZ-SERICITE + GRAPHITE PHYLLITE. Med. grey with buff alteration													
		60 - 65% qtz, Mainly thinly foliated ser with minor graph here and	4.6/ 11.5		668.5	678.0									
		there. Rock slightly to mod. altered, sometimes bleached to buff color. Moderately sheared at many locations. A few tension	14.0/ 20.0			698.0									
		gashes but no fracturing.	6.1/ 10.0			708.0									
		C.A.: shears at 669.5 and 674'; 95 at 673'; 30° shear at 677 (?), numerous shears at 678 - 685'; 75 at 680 (?); 90 at 685'; 75 at 686'; 80 at 690'; 75 at 693'; 70 at 694'; shears at 698 - 701';	26.0/ 26.0			734.0									
		70 at 702'; 80 at 705'; shear and gouge at 709 - 709.5'; 80 at 710'; shear at 711.5'; 80 - 85 at 713 - 720'; 70 at 721 - 728';	0.7/ 4.0			738.0									
		75 - 80 at 729 - 738'.													

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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
738.0	780.2	QUARTZ-SERICITE PHYLLITE. Light grey, Altered													
		60 - 65% qtz. Light grey with buff colors. Banded, mod. developed	16.6/ 23.0		738.0	761.0									
		F1 throughout. Many shears, fractures and tension gashes. C.A.: 80 - 85 to 741'; shear with brecc at 742' at 40(?), 70 at	0.8/ 3.5			764.5									
		743'; 75 at 744'; 30 shear at 747.7'; 80 at 748'; 75 - 70 at 750 - 755'; 15 shear at 755'; 80 at 756 - 758'; 0 - 20 shear at 759 - 760													
		with gouge and brecciation last foot, but little or no disturbance on next section.													
780.2	837.2	QUARTZ-SERICITE + GRAPHITE PHYLLITE. Med. and dark grey.													
		65 - 70% qtz. Light grey bands with med. to dark ser + graph.													
		Graph approx 0 - 3%. F1 well developed. Minor slips with small displacements, generally 10 - 30° to core. Competent rock.	57/ 57		780.2	837.2									
		C.A.: 80 - 85°, some undulations to 75°.													
837.2	852.0	QUARTZ-SERICITE PHYLLITE, Bleached, and QUARTZ-SERICITE-GRAPHITE PHYLLITE.													
		837.2 - 844.0': totally bleached buff ser. 837 - 838.4' - 20%	4.3/ 4.3		837.2	841.5									
		pyrr in F2 fold, minor py, PbZn													
		- 848.7': qtz-ser-graph, 7 py, spots pyrr, minor PbZn	8.3/ 8.3			849.8									
		prominent F1.													
		- 848.9': buff ser.	0.8/ 2.2			852.0									
		- 849.2': ser-graph													
		- 852.0': buff ser and shear (?).													
		Contacts 75 - 85°, not always follow banding. F1 not well developed in buff ser, only locally and faintly visible; whereas F1													
		prominent in ser-graph and better mineralized - both F1 + F2. C.A.: 80-90-85 to 849'; 70 at 850 - 852'.													

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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
852.0	900.0	QUARTZ-GRAPH PHYLLITE. Black													
		60% qtz white to light grey and med. grey qtzose bands and black graph bands. Fl well developed and prominent. Fl fold noses at 873 - 897', also at 861'. Pyritized throughout though in variable amounts, av. 3%; minor scattered PbZn. Cu min. Fl + F2 min.. C.A.: 75 to 861'; 85-90 - 85 at 862 - 865'; 75 at 866'; 85 at 870'; shear at 871 - 876, 75 at 877'; 70 at 879'; 60 at 882'; 75 at 883'; shears (60°) at 885 - 886 and 887'; 70 at 888 - 896'; 60 at 897 - 901'.	7.0	1097	852.0	860.0	8.0	.07	.04	TR					
			10.5/ 10.5			870.5									
			1.0/ 5.5			876.0									
			5.0	1098		881.0	5.0	.10	.36	.03					
			15.7/ 19.0			900.0									
900.0	906.6	QUARTZ-GRAPHITE-SERICITE PHYLLITE													
		Transition zone, Many narrow shears, vuggy bands. Fl prominent. 1 - 4% py, spots PbZn. Fl + F2 min. C.A.: 70 - 60°	6.6	1099	900.0	906.6	6.6	.02	.03	TR					
906.6	912.0	QUARTZ-SERICITE PHYLLITE. Bleached buff													
		55% qtz. Totally bleached, somewhat talcy. Banded py 1.5%. Scattered blebs PbZn (0.2 PbZn). Local Fl, poor. C.A.: 70°.	4.8/ 5.4		906.6	912.0									
912.0	922.0	QUARTZ-SERICITE PHYLLITE. Altered buff-grey													
		Light grey with threads buff ser also blebs tan carb. Shearing at lower contact, 35° shearing. Negl. py. C.A.: 70°.	9.0/ 10.0		912.0	922.0									

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LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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

D.D.H. No. A - 60 PAGE 12 of 14

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
922.0	1048.1	QUARTZ-GRAPHITE PHYLLITE	14/14		922.0	936.0									
			2.5/3			939.0									
		70% qtz. Med. grey qtzose bands and black graph bands. F1 folds	3.4	1100		942.7	3.7	1.30	1.14	.47					
		to 925', and at 1015 - 1024. Generally 1 - 2% py, locally up to	0.9/												
		4%. 922 - 938.7 ~ spots PbZn.	1.3			944.0									
		939 - 942.7': buff ser phy with carb and bands mass py, sheared to	2.7/4			948.0									
		brecciated, 1% PbZn	N.C.			950.0									
		951 - 951.8(?): mass. py with 8% PbZn.	1.6/5			955.0									
		C.A.: 70 at 922'; 60 at 924'; 50 at 928'; F2 fold at 929'; 0 at	17/20			975.0									
		929 - 929.5'; 60 at 930'; 35 at 931'; 55 at 932'; 65 at 934'; 70	1.6/10			985.0									
		at 936'; 60 at 944'; 80 at 948'; 65 at 954(?)' - 960'; 70 at 961';	6.7/13			998.0									
		90 at 964'; 85 at 966'; 70 at 967'; 80 at 973'; 70 at 1020'; 60 at													
		1022 - 1024'; shear at 1025 - 1026'; 70 - 80 at 1027 - 1039';	8/8			1016.0									
		shear at 1039.5; 80 - 85 at 1040 - 1048'.	30.8/												
			32.1			1048.1									
1048.1	1058.0	QUARTZ-SERICITE PHYLLITE. Altered, Buff-grey													
			9.9/												
		65% qtz. Thinly foliated buff + grey ser. Firm rock. 3% py	9.9		1048.1	1058.0									
		dissem within bands, no PbZn noted. C.A. 75 - 85°													
1058.0	1061.5	QUARTZ-GRAPHITE PHYLLITE													
		Intensely sheared and contorted, 3% py, one 3/8" band rich Zn seen	2.2	1221	1058.0	1061.5	3.5	.39	.51	.24					
		a few specks Zn elsewhere.													

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 60 PAGE 13 of 14

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
1061.5	1171.0	SULPHIDE ZONES IN QUARTZ-GRAPHITE PHYLLITE: Disseminated and massive sulphides.													
		70% qtz in graph phy, 5 - 15% graph; variable py, Pb + Zn, dissem.	6.5	1222	1061.5	1068.3	6.8	2.93	2.70	1.15			19.92	18.36	7.82
		within qtzose bands, both F1 + F2 min. PbZn content generally low, py ranges from 1 - 10%. Rock sil and hard. F1 prominent at	3.0	1223		1071.3	3.0	1.00	.85	.44			3.00	2.55	1.32
		1088 - 1106', mod. developed at 1108 - 1132'. Mass. sulph occur in siliceous groundmass, often assoc. with mag. Banding faint	6.3	1224	1061.5	1071.3 1077.6	9.8 6.3	2.34 .63	2.13 .32	0.93 .29	wt. Av.		22.92	20.91	9.14
		Contact with graph phy follow banding.													
		1061.5 - 1066.7': mass. sulphs., 65 py, 7 PbZn, 0.2 mag//fracture	5.3	1225		1082.9	5.3	3.68	2.88	1.29			19.50	15.26	6.83
		- 1068.3': graph-sulph., 10 py, 7 PbZn low angle fracture													
		- 1071.3': graph-sulph., 10 py, 2.4 PbZn low angle fract.	5.0	1226		1087.9	5.0	1.28	.74	.74			6.40	3.70	3.70
		- 1077.6': graph-sulph., 10 py, 0.4 PbZn low angle fract.			1077.6	1087.9	10.3	2.52	1.84	1.02	wt. Av.		25.90	18.96	10.53
		- 1082.9': mass sulph., 65 py, 6 PbZn 2 mag. low angle fracture + brecc	11.3	1227		1100.0	12.1	.25	.25	.21					
		- 1083.6': graph-sulph., 4 py, negl. PbZn.	14.2/ 14.4	—		1114.4	—								
		- 1086.1': mass sulph, 65 py, 2 - 3 PbZn, 2 mag.													
		- 1087.9': graph-sulph, 8 py, 2 PbZn, 10° shear at 1086 - 1087.3', chalco and py filled.	4.7	1228		1119.1	4.7	1.63	.66	.80					
		- 1099.0': graph-sulph., 1 py, 0.2 PbZn, F1 nose at 1095'.	12.5/ 13.0	—		1132.1	—								
		- 1100.0': mass sulph., 80 py, negl. PbZn, contact//banding													
		- 1106.0': graph phy, 0.3 py	8.9	1229		1141.1	9.0	.08	.03	.09					
		- 1106.5': mass sulph., 70 py, no PbZn, 70 + 75° contacts // banding	3.4/ 3.4			1145.0									
		- 1115.5': graph phy, 1 - 2 py, no PbZn, mod fract and minor brecciation.	5.4/ 9.0			1154.0									
		- 1117.3': mass. sulph, 70 py, 4 (?) PbZn, 1 - 5 mag + bar	11.0/												
		- 1132.1': graph phy, 2 - 3 py, no PbZn, 1/2" - 3" bands chalco with fract.	18.0			1171.0									
		- 1141.1': mass. sulph., 65 py, no PbZn, includes graph phy bands also fragments.													
		- 1154.0': graph phy , 1 - 2 py, no PbZn													
		- 1171.0': graph phy, 0.5 - 4 py, no PbZn, bands rich py; 1156 - 1157' sulph breccia, Highly sheared													

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 60 PAGE 14 of 14

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: _____

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		C.A.: 75 at 1062'; 70 at 1065'; 55 at 1068'; 60 at 1069'; 70 at 1070 - 1075'; 60 at 1077'; 50 at 1078'; 55 at 1083 - 1086'; shear 10 at 1086 - 1087'; 75 at 1088'; 85 - 90 at 1089 - 1095'; 75 at 1096'; - 1105'; 70 at 1106 - 1115'; 75 - 80 at 1116 - 1124'; 55 at 1126'; 75 at 1127 - 1136'; 70 at 1137 - 1142'; shear at 1144 - 1145 85 - 80 at 1146 - 1153'; 60 at 1155 - 1166'; 90 at 1167'; 45 at 1170-.												
1171.0	1186.0	QUARTZ-GRAPHITE PHYLLITE													
		55 - 60% qtz. Dark grey to black, thinly laminated. 1 - 3% py following foliation and filling fractures. No PbZn noted. Sheared and partly brecciated at 1185 - 1186'.	5.6/7.5		1171.0	1178.5									
			7.2/7.5			1186.0									
		C.A.: 80 at 1171'; 75 at 1173 - 1184'.													
	1186.0	END OF HOLE													
		Remarks: Hole started making water at about 400', enough H2O. for one drill (or more). Decided to leave casing in hole for source of water supply.													
		Material left in hole: 4 only BW 2' Casing 2 only BW 10' Casing													

DDH: FAGA060 -- 42 DEGREE PROFILE

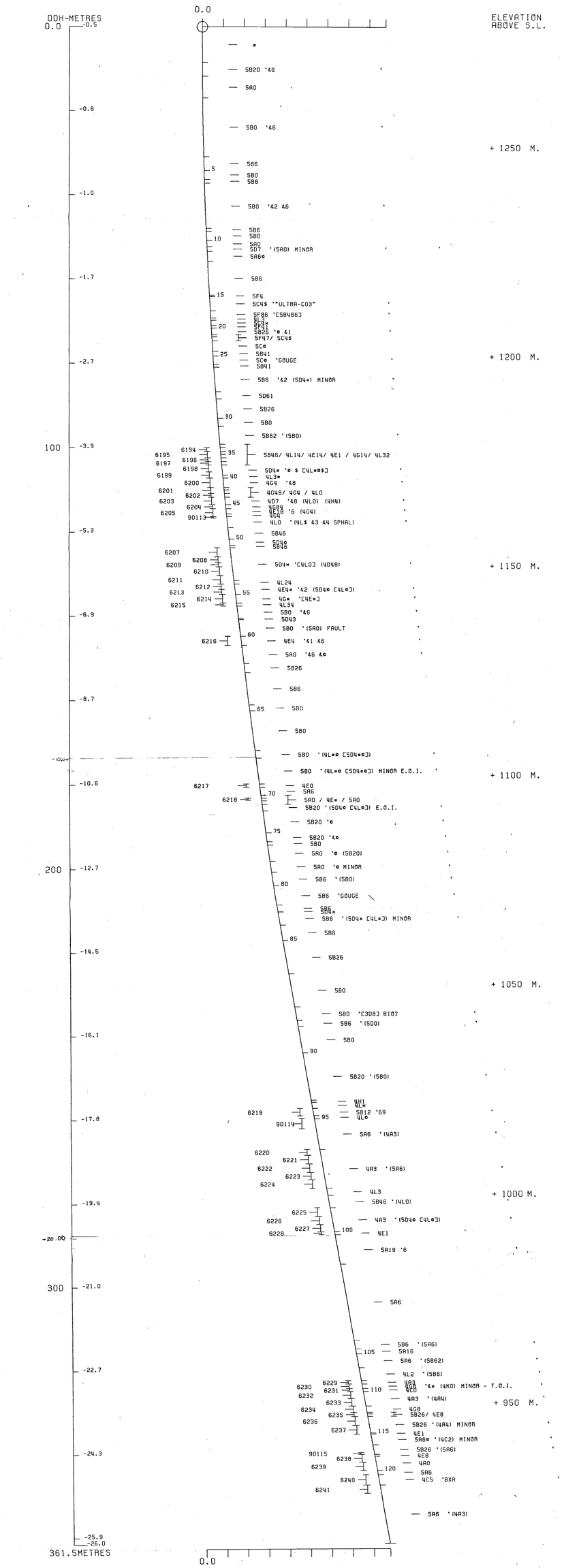
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1279 592265E ; 904862N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 376.1 Z = 1278.7

SECTION NAME: 72W



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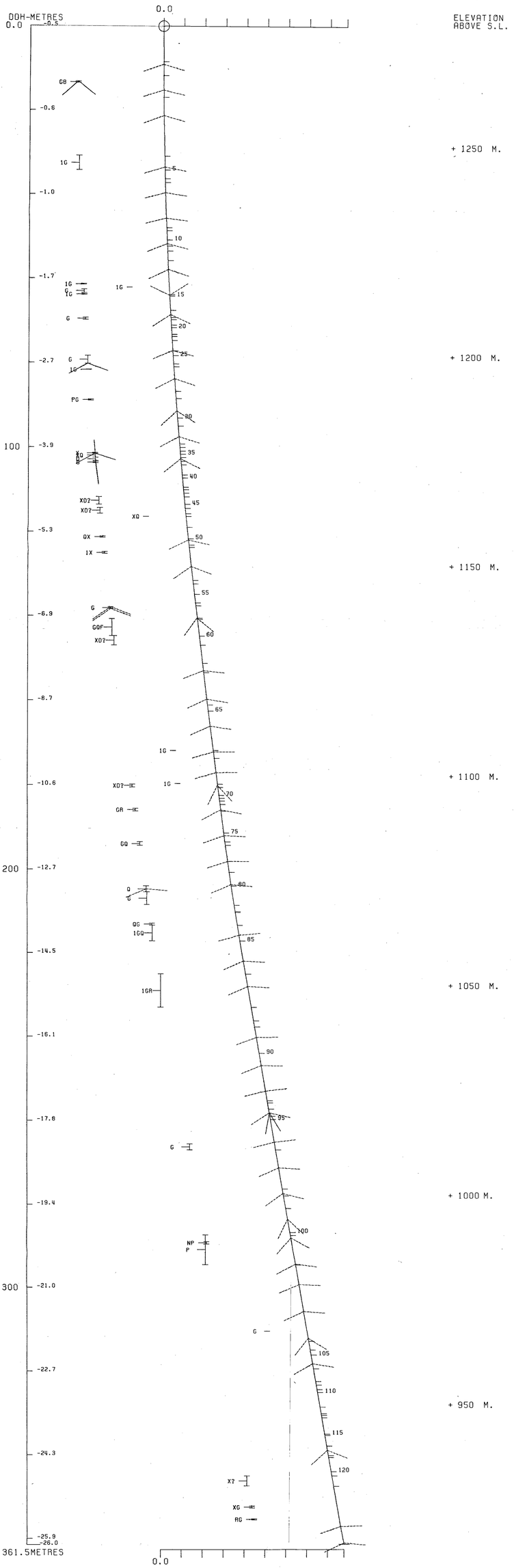

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 17 OCT 1984 10:51 AM

FAGA083

DRILL HOLE	:	FAGA083
NORTHING	:	904,813.0
EASTING	:	592,224.7
ELEVATION	:	1,278.5
TOTAL DEPTH	:	360.8
SECTION	:	W 72
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:	7
NOS DOWN-H-LITHOLOGY:	89
NOS DOWN-H-STRUCTURE:	52
NOS DOWN-H-FAULTS:	45
NOS DOWN-H-SPLINES:	7
NOS COMPOSITES:	0

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 SECTION: W 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	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.
138.2	140.8	92024	2.6	2.6	4E4			5.20	3.66		72.70										
141.3	144.3	92025	3.0	3.0	4E4			3.53	3.12		44.20										
144.3	145.1	06782	.8	.8	4C0	3.25	.14	1.21	1.50	19.00		.14	9	5	14						
192.3	192.6	06783	.3	.3	5B69	2.97	.05	1.70	3.60	29.00		.55	3	1	4						
192.6	193.6	06784	1.0	.9	4D0	3.52	.19	2.15	2.90	39.00		1.03	2	17	19						
193.6	194.0	06785	.4	.4	4E4	4.52	.21	3.50	4.20	51.00		.75	2	30	33						
194.0	194.5	06786	.5	.5	4C0	3.56	.20	1.10	.95	18.00		.89	9	11	20						
194.5	195.9	06787	1.4	1.4	4A13	3.39	.15	.15	.20	10.00		.41	3	12	15						
195.9	197.3	06788	1.4	1.4	4A13	3.38	.16	.48	.25	13.00		.34	2	12	14						
197.3	197.8	06789	.5	.5	4E1@	4.33	.14	1.49	1.47	20.00	18.00	.21	3	16	19						
222.2	223.8	06790	1.6	1.6	4E#8		.17	1.00	.92	25.00											
223.8	225.9	06791	2.1	2.1	4A1		.08	.20	.10	10.00											
238.4	240.4	06792	2.0	2.0	4A1		.14	.07	.29	6.00											
240.4	241.1	90176	.7	.7	4A1			.10	.46		5.10										
254.5	255.8	06793	1.3	1.3	4E0		.01	.10	.05	6.00											
255.8	257.1	06794	1.3	1.3	4E0		.02	.14	.18	8.00											
258.6	260.0	06795	1.4	1.4	4E15		.08	1.13	.13	26.00											
260.0	261.5	06796	1.5	1.4	4A0	3.54	.11	1.73	1.90	34.00		.27	11	9	20						
261.5	263.3	06797	1.8	1.7	4A0	3.48	.05	1.10	1.44	23.00		.21	8	9	18						
273.5	274.0	06798	.5	.5	4A0		.03	1.07	.10	20.00											
WEIGHTED AVERAGE																					
138.2	140.8		2.6	2.6				5.20	3.66		72.70										
141.3	145.1		3.8	3.8		.68	.02	3.04	2.77	4.00	34.89	.02	1	1	3						
192.3	197.8		5.5	5.4		3.57	.16	1.13	1.36	21.69	1.63	.56	3	14	17						
222.2	225.9		3.7	3.7			.11	.54	.45	16.48											
238.4	241.1		2.7	2.7			.10	.07	.33	4.44	1.32										
254.5	257.1		2.6	2.6			.01	.12	.11	7.00											
258.6	263.3		4.7	4.5		2.46	.07	1.31	1.19	27.40		.16	6	6	13						
273.5	274.0		.5	.5			.03	1.07	.10	20.00											

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
53.600	176.600	114.000
120.100	170.200	113.000
181.100	166.200	105.000
242.000	168.000	85.000
303.000	169.000	67.000
357.800	168.400	18.000

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC		RECOVERY	IND
8.5	0001	#			0.5-	1
10.1	0002	5B20	&6		0.5-	1
10.9	0003	5DC	(5B6)		0.5-	1
24.8	0004	5BC	(5D0)		0.5-	1
28.7	0005	5B6	&0		0.5-	1
34.4	0006	5B3	(5A0) (5B26) E.O.I. 65:35		0.5-	1
37.5	0007	5D0			0.5-	1
39.6	0008	5DC	[5C3]		0.5-	1
40.5	0009	5D$	(5B8$)		0.5-	1
49.4	0010	5B6			0.5-	1
51.8	0011	5DC			0.5-	1
57.1	0012	5BC			0.5-	1
59.6	0013	5D0			0.5-	1
61.9	0014	5A0			0.5-	1
67.8	0015	5B0			0.5-	1
69.0	0016	5DC			0.5-	1
70.7	0017	5B6			0.5-	1
71.1	0018	5DC			0.5-	1
72.6	0019	5BC			0.5-	1
75.5	0020	5C$	(5D0)		0.5-	1
77.5	0021	5B6			0.5-	1
78.1	0022	5F13	[5B810]		0.5-	1
81.5	0023	10QC	(5A6)(5B6)(5D$) QTZ 60%		0.5-	1
82.3	0024	5B6			0.5-	1
84.2	0025	5A6			0.5-	1
93.9	0026	5B20	&6		0.5-	1
107.4	0027	5BC	&2 (5D@) MINOR		0.5-	1
108.8	0028	5D0	(5B6)		0.5-	1
125.8	0029	5B6	(5B0)		0.5-	1
127.5	0030	5A6	(5B6)		0.5-	1
132.7	0031	5B6			0.5-	1
134.7	0032	5B20			0.5-	1
138.0	0033	5B6			0.5-	1
138.2	0034	4LC			0.5-	1
140.8	0035	4E4	&1	NO CORE	0.5-	1
141.3	0036	4L#	@ [5D#@]		0.5-	1
144.3	0037	4E4	&1 &#	NC CORE	0.5-	1
145.1	0038	4C0	&9 (4D4) (4LC)		0.5-	1
146.5	0039	5B23			0.5-	1
147.9	0040	5B3			0.5-	1
152.6	0041	5B3	RUBBLE		0.5-	1
156.2	0042	5EC	&1		0.5-	1
163.5	0043	5B3	@ FAULT?		0.5-	1
164.6	0044	5E1			0.5-	1
165.9	0045	5EC			0.5-	1
171.3	0046	5B3	(5D0)		0.5-	1
174.8	0047	5B0	(5D0)		0.5-	1
181.4	0048	5DC			0.5-	1
181.8	0049	5BC@			0.5-	1
183.6	0050	5B0			0.5-	1
185.6	0051	5BC@			0.5-	1

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
187.6	0052	5BC		0.5-	1
188.2	0053	4LC		0.5-	1
191.6	0054	5BC	(5B4O)	0.5-	1
192.3	0055	5BC	(5B6 &4)	0.5-	1
192.6	0056	5B69	1 SPHAL CPY	0.5-	1
193.6	0057	4DC	&5 (4CO)	0.5-	1
194.0	0058	4E4	&8 &9	0.5-	1
194.5	0059	4CO		0.5-	1
197.3	0060	4A13	PHYLLITIC [4C53]	0.5-	1
197.8	0061	4E1@	(4CO)	0.5-	1
201.7	0062	5B6	&O	0.5-	1
209.7	0063	5B26	(5A6)	0.5-	1
212.6	0064	5B6	&2	0.5-	1
214.9	0065	5B$	&6 &O	0.5-	1
217.0	0066	5B6	&2 (5DO@) MINOR	0.5-	1
219.0	0067	5A16	GOUGE	0.5-	1
222.2	0068	5B6	&2 RUBBLE	0.5-	1
223.8	0069	4E#8	(4LO CLASTS)	0.5-	1
242.6	0070	4A1	&3	0.5-	1
245.2	0071	5B6	&2	0.5-	1
254.5	0072	5BO	&1 &2	0.5-	1
257.1	0073	4EC	(5AO) MINOR	0.5-	1
258.6	0074	5B62		0.5-	1
260.0	0075	4E15	(4AO &1 &3) (4HO)	0.5-	1
263.3	0076	4AO	(4HO BXA) MINOR (4E4) MINOR	0.5-	1
270.8	0077	5B6	&2 &O	0.5-	1
273.5	0078	5A6	&O	0.5-	1
274.0	0079	4AC	PHYLLITIC [4C5] (4G#) (4E1)	0.5-	1
280.1	0080	5B6	&2	0.5-	1
281.9	0081	5A6	&O	0.5-	1
283.6	0082	5B6		0.5-	1
291.2	0083	5BC	(5AO)	0.5-	1
292.9	0084	5B6	(5A6)	0.5-	1
299.4	0085	5B62	&O	0.5-	1
302.4	0086	5A6	&O	0.5-	1
354.9	0087	5A6	(5AO)	0.5-	1
358.4	0088	5B6	&1	0.5-	1
360.9	0089	5A6		0.5-	1

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 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	PRCCESS
FAGAC83	0.C	10.4	CS2	Z	0	C	65	C	52	230	C	1	1	1
FAGAC83	0.C	18.3	CS2	M	0	C	0	C	66	230	C	1	1	1
FAGAC83	0.0	25.9	PS2	P	0	0	0	C	74	230	C	1	1	1
FAGAC83	0.C	32.3	PS2	P	0	0	0	C	77	230	C	1	1	1
FAGAC83	0.C	39.6			0	0	0	C	90	230	C	1	1	1
FAGAC83	0.C	44.2			0	0	0	C	70	230	C	1	1	1
FAGAC83	0.C	49.1			C	0	0	C	78	230	0	1	1	1
FAGAC83	0.0	56.4			0	C	0	C	70	230	C	1	1	1
FAGAC83	0.C	64.0			0	0	0	C	85	230	C	1	1	1
FAGAC83	0.C	71.6			0	0	0	C	78	230	0	1	1	1
FAGAC83	0.C	80.2			0	0	0	C	75	230	C	1	1	1
FAGAC83	0.0	84.4			0	0	0	C	70	230	C	1	0	C
FAGAC83	0.C	86.9			C	0	C	C	86	230	C	1	1	1
FAGAC83	0.C	91.4			C	0	0	C	68	230	C	1	0	C
FAGAC83	0.C	94.5			0	0	0	C	65	230	C	1	1	1
FAGAC83	0.C	100.3			0	0	62	C	76	230	C	1	1	1
FAGAC83	0.0	107.0			C	0	0	C	65	230	C	1	0	C
FAGAC83	0.0	108.2			0	0	0	C	72	230	C	1	1	1
FAGAC83	0.0	115.8			0	0	C	C	69	230	0	1	1	1
FAGAC83	0.C	123.4			0	0	0	C	65	230	C	1	1	1
FAGAC83	0.C	129.5			0	0	0	C	49	230	0	1	1	1
FAGAC83	0.C	135.6			0	0	C	C	80	230	C	1	1	1
FAGAC83	0.C	144.8	PS2	P	0	0	0	C	69	230	C	1	1	1
FAGAC83	0.C	152.4			0	C	0	C	75	230	C	1	1	1
FAGAC83	0.C	160.0			0	0	0	0	73	230	C	1	1	1
FAGAC83	0.C	167.6			0	0	0	C	65	230	C	1	1	1
FAGAC83	0.0	175.3			0	0	69	C	80	230	C	1	1	1
FAGAC83	0.C	182.9			0	0	0	C	79	230	C	1	1	1
FAGAC83	0.0	190.2			C	0	62	C	75	230	C	1	1	1
FAGAC83	0.0	196.6	PS2	P	0	0	0	C	60	230	C	1	1	1
FAGAC83	0.C	204.2	CS2		0	0	87	180	69	230	0	1	1	1
FAGAC83	0.C	211.8			0	0	87	180	59	230	C	1	1	1
FAGAC83	0.0	222.2			0	0	C	C	60	230	0	1	1	1
FAGAC83	0.C	230.1			0	0	35	180	60	230	C	1	1	1
FAGAC83	0.C	237.7			0	0	0	C	75	230	C	1	1	1
FAGAC83	0.0	245.4			0	0	0	C	66	230	0	1	1	1
FAGAC83	0.C	253.6			0	C	0	C	47	230	C	1	1	1
FAGAC83	0.C	260.6			C	0	0	C	42	230	C	1	1	1
FAGAC83	0.C	268.2			0	0	52	C	75	230	C	1	1	1
FAGAC83	0.C	275.8	CS2		0	0	0	C	55	230	C	1	1	1
FAGAC83	0.C	284.4	CS2	S	0	0	54	C	65	230	C	1	1	1
FAGAC83	0.C	291.4			0	0	0	C	75	230	C	1	1	1
FAGAC83	0.C	298.7			0	0	C	C	76	230	C	1	1	1
FAGAC83	0.C	306.3			0	C	0	C	82	230	C	1	1	1
FAGAC83	0.C	313.9			0	0	0	C	83	230	C	1	1	1
FAGAC83	0.0	321.6			C	C	C	C	79	230	0	1	1	1
FAGAC83	0.C	329.2			0	0	0	C	67	230	C	1	1	1
FAGAC83	0.C	336.8			0	0	C	C	77	230	C	1	1	1
FAGAC83	0.C	344.4			0	0	0	C	65	230	C	1	1	1
FAGAC83	0.0	352.0			C	C	0	0	75	230	C	1	1	1
FAGAC83	0.C	355.1			0	0	C	C	50	230	0	1	0	C

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 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
FAGA083	0.0	359.7		0	0	0	0	64	230	0	1	1	1

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 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
FAGA083	0.0	32.9	1G			0	0	0	0	0	0	1
FAGA083	47.2	47.5	P	4		0	0	0	0	0	0	1
FAGA083	49.0	49.4	SD			0	0	0	0	0	0	1
FAGA083	0.0	51.8	XQ			0	0	0	0	0	0	1
FAGA083	78.1	81.4	Q			0	0	0	0	0	0	1
FAGA083	81.4	82.2	1J			0	0	25	270	0	0	1
FAGA083	0.0	85.1	1G			0	0	0	0	0	0	1
FAGA083	0.0	91.6	1G			38	0	0	0	0	0	1
FAGA083	92.6	93.2	G			0	0	0	0	0	0	1
FAGA083	0.0	106.7	1G			37	180	0	0	0	0	1
FAGA083	106.9	107.1	XQ			99	999	0	0	99	999	1
FAGA083	137.7	138.2	X			0	0	0	0	0	0	1
FAGA083	138.2	140.8	NNN			0	0	0	0	0	0	1
FAGA083	141.2	144.3	NNN			0	0	0	0	0	0	1
FAGA083	147.9	152.5	R			0	0	0	0	0	0	1
FAGA083	156.0	156.9	1J			0	0	27	180	0	0	1
FAGA083	157.9	158.7	G			0	0	0	0	0	0	1
FAGA083	159.7	162.4	P	2		0	0	0	0	0	0	1
FAGA083	162.4	162.7	XQ			99	999	0	0	99	999	1
FAGA083	159.7	162.7	F			0	0	0	0	0	0	1
FAGA083	164.5	168.5	1J			0	0	20	270	0	0	1
FAGA083	168.8	169.4	G			0	0	0	0	0	0	1
FAGA083	173.2	173.7	G			0	0	0	0	0	0	1
FAGA083	186.9	187.2	G			0	0	0	0	0	0	1
FAGA083	0.0	206.9	1GQ			0	0	99	999	0	0	1
FAGA083	217.6	218.8	GP			0	0	0	0	0	0	1
FAGA083	218.9	222.1	RP	5		0	0	0	0	0	0	1
FAGA083	222.1	223.8	XD?			0	0	0	0	0	0	1
FAGA083	0.0	243.2	1G			0	0	0	0	0	0	1
FAGA083	0.0	244.6	1G			0	0	0	0	0	0	1
FAGA083	250.8	252.9	GP	1		0	0	0	0	0	0	1
FAGA083	0.0	260.6	1SD			0	0	0	0	0	0	1
FAGA083	0.0	262.2	DX?			0	0	0	0	0	0	1
FAGA083	269.1	269.8	G			0	0	0	0	0	0	1
FAGA083	270.4	270.5	G			0	0	0	0	0	0	1
FAGA083	0.0	270.7	DX?			0	0	0	0	0	0	1
FAGA083	0.0	273.8	1G			0	0	0	0	0	0	1
FAGA083	283.1	283.6	Q1G			46	0	0	0	0	0	1
FAGA083	290.6	291.2	QG			17	0	0	0	0	0	1
FAGA083	0.0	308.2	1G			0	0	0	0	0	0	1
FAGA083	309.4	310.0	G			0	0	99	999	0	0	1
FAGA083	0.0	339.6	1G			0	0	0	0	0	0	1
FAGA083	344.6	344.7	1G			0	0	0	0	0	0	1
FAGA083	0.0	347.7	1G			0	0	0	0	0	0	1
FAGA083	360.5	360.8	G			0	0	0	0	0	0	1

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA083	1	2
FAGA083	2	2
FAGA083	3	2
FAGA083	4	2
FAGA083	5	2
FAGA083	6	2
FAGA083	7	1

CYPRUS ANVIL MINING CORPORATION

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DIAMOND DRILL CORE LOG

Date: 23 JUNE/81

Hole Number: 75-A-083 (FAGA-083)

Reference Fabric Orientation Diagram:

Project: GRUM

Location: SECTION 72 W

Claim: _____

UTM Terr. ~~Plane~~ Co-ords.: 6904 813.0 N

1979 HIW Survey Orthophoto 592 224.7 E

Grid Co-ords: _____

_____

All symmetry determinations looking

Elevation: 1278.5

_____ with _____ dipping

Total Depth: _____

_____ with dip azimuth _____.

Purpose: RELOG GRUM

Reason hole Terminated: _____

Logged by: GG

Date(s) Logged: 20-23 JUNE/81

Drilling Contractor: _____

CORE Size	From	To

Collar Cased and Capped: _____

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 75-A083

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	75-A083	12780.5	904813.0	592224.7	FEET

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-A083	0 0	180.0	0.0	AT COLLAR
R	75-A083	176.0	176.6	114.0	SPERRY SUN
R	75-A083	394.0	170.2	113.0	
R	75-A083	594.0	166.2	105.0	
R	75-A083	794.0	168.0	85.0	
R	75-A083	994.0	169.0	67.0	
R	75-A083	1174.0	168.4	18.0	
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 FAGA083 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 21 JUNE/81 Logged By: GG

UNITS = FEET

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	0 0	28 0		001	*	OVERBURDEN & CASING	—	
L	28 0	33 0		2	5B23	±6	RUBBLE	
L	33	35 6		3	5D3	LAM + (5B6 - FINE GRAINED)		11S2
L	35 6	81 3		4	5B3	+ (5D3 - MASS & LAM)		11S2
	81 3	94 0				FINE GRAINED AT H/W		11S2
				5	5B6	- FINE GRAINED + (5B3)	3cm RUBBLE	PROB 1S2
L	94 0	113 0		6	5B3	V. CALC. - ESP TOWARD H/W; APPROACHING 6	GRADES OVER 0.5m.	11S2
						PHYLLITIC SE;		
						INTERBANDED SA3 + SB26 @		
						7 ft F/W; 20cm GOUGE @ 108ft.		
L	113 0	123 0		7	5D3	MASS. WITH CALC LAMS;	GRADES OVER 5cm.	
L	123 0	127 8		8	5D3	[5C3?] DK GREEN GREY,	3cm QZ VN	
						LESS MICACEOUS THAN UNIT 7;		
						POSS. VAGUELY MOTTLED LOCALLY;		
L	127 8	133 0		9	5D*	DOLO; MASS & FINE GRAINED,	2cm QZ-CB VN	
						TO FINELY BANDED [SF*?]		
L	133 0	162 2		10	5B6	FINE GRAINED + (5B3 - FINE GR'D)		11S2
						1.0m H/W = MYLONITIC TEXTURE		
						WITH 0.1-2.0cm CALC. ROUNDED		
						CLASTS IN 5B6 SHEARED		
						MATRIX;		
						155-156 ft = 0.4 ft RECOVERY -		
						NO EVIDENCE OF PROBLEM.		
L	162 2	170 0		11	5D3	MASS WITH 0.5-3.0cm	NO CORE	
						QZ ± CALCITE VEIN-LIKE LAMS;	+ QZ VN BRECCIA	
L						F/W 0.5 ft = QZ VN BRECCIA		
						+ "CORE TUBE DIDN'T LOCK";		
L	170 0	187 3		12	5B3	FINE GRAINED		1S2
L	187 3	195 4		13	5D3	- H/W 0.3m HAS APPEARANCE	GRADES OVER 3cm	
						OF 5B ALTERED TO 5D -		
						POSS. APPLIES TO ENTIRE		
						UNIT? - NOTE ASSN WITH F/W 5A;		
						GENERALLY FINE GRAINED &		
						METAMORPHICALLY LAM'D; +LOCAL PØ		
L	195 4	203 0		14	5A3	+LOCAL PØ	GRADES OVER 3cm	
L	203 0	222 3		15	5B3	± FINE GRAINED	4cm RUBBLE	

DDH FAGA083 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 21 JUNE/81 Logged By: GG

UNITS = ~~MMMMS~~ FEET

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	%
1	10–14	16–20	22–24	26–28	30–34	35		
L	2233	2263		16	5D3	MASSIVE		‖S2
L	2263	2320		17	5B6	FINE GRAINED; SOME		PROB ‖S2
						CALC. LAMS;		
L	2320	2334		18	5D3	MASSIVE		‖S2
L	2334	2382		19	5B3	NON-CALC. WITH HIGH FREQ. OF		‖S2
						CALC LAMS		
L	2382	2477		20	5C*	80% DOLO; 3% STREAKED	1 cm	
						OUT CHLORITE (MOTTLES)	QZ VN ‖S2	
						+(5D3-MASS WITH POSS.(?)		
						GRADATIONAL H/W CNT &		
						SHARP F/W CNT)		
L	2477	2543		21	5B6	FINE GRAINED, MASSIVE;		‖S2
L	2543	2563		22	5F13	(?) - V. SILICEOUS, LAM'D,	1cm QZ VN	
						WHITE, SERICITIC;	‖S2	
L	2563	2673		23	10Q0	+ (5A6) + (5B6) + (5D* ANK)	QZ VN.	
						60% OF UNIT = BULL QZ;		
L	2673	2700		24	5B6	FINE GRAINED;		‖S2
L	2700	2762		25	5A6	V. HIGH CARBON, SOFT;	QZ VN RUBBLE	
L	2762	3080		26	5B23	±6; GOUGES @ 279.3-279.7 ft,	RUBBLE	
						300.5-301.0 ft &		
						304.0-306.1 ft		
L	3080	3525		27	5B*	±CARBON; SLIGHTLY CALC		‖S2
						THROUGHOUT; FINE/GRAINED;		
						GENERALLY DK GREY;		
						+(minor 5D*-ANK);		
						GOUGE @ 350.0-350.2 ft;		
						QZ VN BRECCIA @ 351.0-351.7 ft		
L	3525	3570		28	5D3	MASS + (5B6-FINE GRAINED)		‖S2
L	3570	4128		29	5B6	+(5B3) - FINE GRAINED;	GOUGE	
						±CARBON		
L	4128	4184		30	5A6	+ (5B6-FINE GRAINED);		PROB ‖S2
						QZ VNS CUTTING S2 IN F/W		
L	4184	4354		31	5B6	FINE GRAINED, DK GREY;		‖S2
L	4354	4420		32	5B2*	- SLIGHTLY CALC THROUGHOUT;		PROB ‖S2
L	4420	4526		33	5B6	SMALL (<10cm) GOUGES + QZ VNS = 10% OF		‖S2
						UNIT		

DDH FAGA083 (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 21 JUN/81 Logged By: GG

UNITS = FEET

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	4512.0	4535		34	ALO	+ (4CO - BRECCIA - 4LO + QZ	?	
						ANGULAR CLASTS - OPEN STRUCTURE)		
						@ 452.6 - 453.0 ft).		
						453.5 - 462.0 & 463.5 - 473.5 ft - WHOLE CORE		
						SAMPLED BY K.A. - LITHOLOGY		
						INTERPRETED FROM K.A. LOGS;		
						AND TRACES OF RUBBLE LEFT IN		
						CORE BOX;		
L	4535	4620		35	4E4	±1	—	
L	4620	4635		36	ALX	CALC + 25% ANK;	—	
L	4635	4735		37	4E4	±1 ± * CALC	—	
L	4735	4760		38	4C0	SERICITIC (±6? = 10%). ±9 + (4DA) + (4LO)	2 cm QZ VN	
L	4760	4808		39	5B23	PRED. CALCITE + CARBON;	1 cm QZ VN	
						MINOR LOCAL CHALCOPY;		
L	4808	4853		40	5B3	- V. CALC.		11S
L	4853	5006		41	5B3	AS UNIT 40 + SERICITE;	10 cm QZ VN	
						UNIT = PRED COARSE RUBBLE;		
L	5006	5125		42	5E0	±1		11S2
L	5125	5363		43	5B3	V. CALC + ANK (5%)	1 cm QZ VN.	
						GOUGE @ 518.3 - 520.7 ft;		
						+ (5E0 - TOWARD F/W)		
						524 - 533 - 2.2 ft RECOVERY →		
						DRILLING PROBLEM;		
						533.0 - 533.8 - BRECCIA - OPEN -		
						SILICA - ANK MATRIX, CLASTS		
						PRED SILICIFIED 5B3 + RARE		
						MASS PYRITE - HEALED		
						FAULT ZONE?		
L	5363	5399		44	5E1			11S2
L	5399	5442		45	5E0			11S2
L	5442	5620		46	5B3	V. CALC; FINE GRAINED;	6 cm QZ VN.	
						- IF THIS WERE OF HIGHER		
						MET'C GRADE IT WOULD FIT		
						AT 3D6;		
						554.0 - 556.0 ft = 30% GOUGE IN 5D3 + 5E0;		

DDH FAGA083 (2–8)

UNITS = FEET

Cyprus Anvil Mining Corp.

Lithologic Log

Page 5 of 12

Date: 21 JUNE/81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	∡
1	10–14	16–20	22–24	26–28	30–34	35		
L	4520	4535		34	4L0	+ (4C0 - BRECCIA - 4L0 + QZ	—?	
						ANGULAR CLASTS - OPEN STRUCTURE)		
						@ 452.6 - 453.0 ft).		
						453.5-462.0 & 463.5-473.5 ft - WHOLE CORE		
						SAMPLED BY K.A. - LITHOLOGY		
						INTERPRETED FROM K.A. LOGS;		
						AND TRACES OF RUBBLE LEFT IN		
						CORE BOX;		
L	4535	4620		35	4E4	±1	—	
L	4620	4635		36	4L*	CALC + 25% ANK;	—	
L	4635	4735		37	4E4	±1 ± * CALC	—	
L	4735	4760		38	4C0	SERICITIC (±6? = 10%). ± 9 + (4D4) + (4L0)	2 cm QZ VN	
L	4760	4808		39	5B23	PRED. CALCITE + CARBON;	1 cm QZ VN	
						MINOR LOCAL CHALCOPY;		
L	4808	4853		40	5B3	- V. CALC.		$\|\|S_2$
L	4853	5006		41	5B3	AS UNIT 40 + SERICITE;	10 cm QZ VN	
						UNIT = PRED COARSE RUBBLE;		
L	5006	5125		42	5E0	±1		$\|\|S_2$
L	5125	5363		43	5B3	V. CALC + ANK (5%)	1 cm QZ VN.	
						GOUGE @ 518.3 - 520.7 ft;		
						+ (5E0 - TOWARD F/W).		
						524-533 - 2.2 ft RECOVERY →		
						DRILLING PROBLEM;		
						533.0-533.8 - BRECCIA - OPEN -		
						SILICA - ANK MATRIX, CLASTS		
						PRED SILICIFIED 5B + RARE		
						MASS PYRITE - HEALED		
						FAULT ZONE?		
L	5363	5399		44	5E1			$\|\|S_2$
L	5399	5442		45	5E0			$\|\|S_2$
L	5442	5620		46	5B3	V. CALC; FINE GRAINED;	6 cm QZ VN.	
						- IF THIS WERE OF HIGHER		
						MET'C GRADE IT WOULD FIT		

AT 3D6;

554.0 - 556.0 ft = 30% GOUGE IN 5D3 + 5E0;

DDH FAGA083 (2–8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 21 June/81 Logged By: GG

UNITS = FEET

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	∡
1	10–14	16–20	22–24	26–28	30–34	35		
L	7960	8046		71	5B6	±CARBON; FINE GRAINED;		‖S2
						10cm GOUGES @ 798.0 & 802.7 ft;		
L	8046	8350		72	5B3	±1±2 → INCREASING TOWARD F/W;	OBLIQUE TO S2	
						GENERALLY DK. GREY;		
						FINE GRAINED;		
					250.8	823.0-830.0 ft = 0.8 ft		
					252.9	RECOVERY, LARGELY GOUGE;		
L	8350	8435		73	4E0	+(5A0) → minor = PØ TOWARD F/W	RAGGED	~‖S2
L	8435	8485		74	5B62			
L	8485	8530		75	4E15	+(4A±1±3)	MINOR BRECCIA BUT	~‖S2
						+(4H0) @ 851.8 - 853.0 ft &		
						minor elsewhere.		
						MINOR PØ SHEAR BRECCIA @ 855.0 ft		
L	8530	8637		76	4A0	+(3G12 - FINELY INTERBANDED)	PROB	‖S2
						+(4H0 @ 860.0 - 860.6 ft AS		
						OPEN QZ-CARBONATE + 4E BRECCIA		
						CLASTS IN 4H0 MATRIX)		
						+(minor 4E4 NEAR F/W)		
L	8637	8883		77	5B6	±2±3; DK GREY		‖S2
						[GOUGE] @ 883.2-885.4 ft		
						& 887.2 - 887.6 ft		
						+(4H* - BRECCIA + SPHAL) @ 888.1-888.3 ft		
L	8883	8972		78	5A6	±3	PROB	‖S2
L	8972	8990		79	4A~~4~~0	PHYLLITIC - MIXED BAG →	RUBBLE PROB	‖S2
						+(4G* - CALC)		
						+(4E1) +(4H0)		
						5cm GOUGE @ 898.4 ft		
L	8990	9190		80	5B6	±2; FINE GRAINED		‖S2
L	9190	9250		81	5A6	+(5A3)		‖S2
						QZ VN + MINOR GOUGE @ 929.0-930.5 ft		
						5cm GOUGES @ 932.0, 932.8 ft		
						953.5-955.5 = 50% GOUGE (F/W)		
						+ 50% QZ-CALCITE VNS ~‖S2 (H/W)		
L	9250	9305		82	5B6	-FINE GRAINED	QZ VN	
L	9305	9555		83	5B3	+(5A3)	GOUGE	

DDH FAGA083 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 22 June/81 Logged By: GG

UNITS = FEET

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	%
1	10–14	16–20	22–24	26–28	30–34	35		
L	9555	9610		84	5B6	FINE GRAINED + (5A6)		11S2
L	9610	9822		85	5B62	±3		11S2
L	9822	9920		86	5A6	±3		11S2
L	9920	11643		87	5A6	+(5A3); HIGH CARBON;		11S2
						mod siliceous locally.		
						GOUGES @ 1011.1-1011.6 ft,		
						1015.2-1017.3 ft,		
						1114.0 - 1114.5 (PROB ONLY V. MINOR		
						MOVEMENT), 1130.7 - 1131.2 (Q2-CB		
						VNS 11S2 IN H/W), 1140.6-1141.0 ft;		
L	11643	11760		88	5B6	±1		11S2
L	11760	11840		89	5A6	1183.0-1184.0 = GOUGE;		
						END OF HOLE @ 1184.0 ft		

DDH EAGA083 (2/8)

Cyprus Anvil Mining Corp.
Structural Log

Page 9 of 12

Date: 23 June/81 Logged By: GG

UNITS=FEET.

	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		340	CSZ	Z		65 00	52 230	Z-REGION - 28-56
	S		600	CSZ	M			66	M + R → 56 - 90
	S		850	RSZ				74	
32.3	S		1060	RSZ				77	S & Z's → 90 - 108
	$		1080						GOUGE CNT?
39.6	S		1300					90	S - 108 - 125
	S		1450					70	P - 125 - 140
44.2									Z - 140 - 145
									R+P 145 - 175'
	S		1610					78	175' - QZ BRECCIA CNT?
56.4	S		1850					70	S & Z's - 175 - 210
64.	S		2100					85	S - 210 - 220
	S		2350					78	P+poss m +R 220 - 328'
	S		2630					75	260.0 - QZ VN CNTS?
	$	2650	2770					70	265 - 277 - TENSION GASHES
									@ 25/270;
	$		2800						GOUGE CNT?
	S		2850					86	
91.4	$		3000					68	GOUGE H/W CNT @ 38/00
									F/W?
	$		3040						GOUGE CNTS?
	S		3100					65	
	$	3080	3180						TENSION GASHES - VARIABLE
									BUT GENERALLY SMALL ∡ TO C.A.
	$		3280						GOUGE CNT?
100.3	S		3290				62 00	76	Z & S's - 328 - 350'
	$		3510					65	QZ VN. BX CNTS ∥ S_2 / GOUGE H/W CNT @ 350' = 37/180
	S		3550					72	R+P - 350 - 376
115.8	S		3800					69	S - 376 - 395
	S		4050					65	R - 395 - 413
	$	4130	4180						GOUGE H/W CNT (?)
	S		4250					49	F/W CNT @ 05/00
	$		4270						GOUGE CNT? QZ VNS ∥ S_2
	$		4420						GOUGE CNT?
135.6	S		4450					80	R+Z - 413 - 445
									S(?) +R 445 - 454

DDH FAGA083 (2–8)

Cyprus Anvil Mining Corp.

Structural Log

Date: 23 June/81 Logged By: GG

UNITS = FEET.

	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	
	$	454.0	473.0						NO CORE
144.8	S		475.0	RSZ				69	S-BANDS
	S		500.0					75	R(?) - 473 - 512
156.1									Z - 512 - 535
	$	512.0	515.0						TENSION GASHES @ 27/180
	$	517.0							GOUGE CNTS?
	S		525.0					73	
	$		533.0						BRECCIA CNTS ∥ S_2
	$	540.0	553.0						TENSION GASHES VARIABLE
									DOMINANT @ 20/270
	S		550.0					65	R - 535 - 550
167.6									S - 550 - 600
	$		568.0						GOUGE - CNTS?
	S		575.0				69 00	80	R - 600 - 620
	S		600.0					79	
	$		613.0						GOUGE CNT? - 616.0 - CNT?
190.2	S		624.0				62 00	75	Z - 620 ≈ 631
									R ≈ 631 - 649 - SULPHIDES
196.6	S		645.0	RSZ				60	S-BANDS & C-STREAKS;
	$		649.0						GOUGE CNT?
204.2	S		670.0	CSZ			87 180	69	Z+R 649 - 714
	$		679.0						QZ VN + GOUGE CNTS ~∥ S_2
	S		695.0				87 180	59	
	$		714.0						GOUGE CNTS?
									714 - 729 - GOUGE
	S		729.0					60	R - 729 - 734 SULPHIDES
230.1	S		755.0				35 180	60	S+M - 734 - 800
	S		780.0					75	
	$		795.5						GOUGE CNTS?
	$		801.0						GOUGE CNTS?
245.4	S		805.0					66	Z - 800 - 812
									S+R - 812 - 835
	$	823.0	830.0						GOUGE CNT?
	S		832.0					47	R - 835 - 863 - SULPHIDES
260.6	S		855.0					42	S-BANDS & C-STREAKS;
	S		880.0				52 00	75	S - 863 - 883

DDH FAGA083 (2–8) Cyprus Anvil Mining Corp. Page 11 of 12

Structural Log Date: 23 Jan 81 Logged By: GG

UNITS = FEET.

	Code	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip Direct. (28–32)	S_1 Dip Direct. (34–38)	S_2 Dip Direct (40–44)	Description
	S	818.30	818.70						GOUGE CNTS?
									887-897- M + CHANGING S/2.
275.8	S		910.50	C.S.Z.				55	R+(S) - 897-955
	S		912.90						QZ VN + GOUGE CNT @ 46/00
	S		913.20						GOUGES CNTS?
	S		913.30	C.S.Z.	S		5A 10.0	65	
	S		915.50						GOUGE H/W +F/W CNT @ 17/00
291.4	S		915.60					T5	R+(M?) - 955-990 - CHANGING S/2.
	S		918.00					76	
306.3	S		1,005.0					82	R+(Z?) - 990-1183
	S		1,030.0					83	SPARSE TENSION GASHES
									@ <30° TO C.A.
	S		1,055.0					79	
	S		1,080.0					67	
	S		1,105.0					77	
	S		1,115						MINOR GOUGE 115.
									GOUGES CNTS? @ 1131/1149/1183
	S		1,130.0					65	
	S		1,155.0					75	
	S		1,165.0					50	F4 @ 15/00
	S		1,180.0					64	
									END OF HOLE @ 1184.8'

DDH EAGP082 Cyprus Anvil Mining Corp Page ____ of ____

ASSAY LOG (SAMPLER'S COPY) Date 22 June/81 Logged by GG Sampled by A.M.

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	18 20	22 26	28 30	32 34	36 40	42
X	14153 5	14162 0	942024 11810	18 5	T	14EA1	±1
X	14162 0	14163 5		11 5	T	14L*1	LOW GRADE - NOT SAMPLED — WHOLE CORE SAMPLED BY K.A. - SEE K.A. LOGS
X	14163 5	14173 5	11811	10 0	T	A1E41	±1 1811
							3.0
A	14173 5	14176 0	167812	12 5	[illegible]	14D41	±6±9; 4C0
A	16131 0	16132 0	167813	11 0	11 0	51B619	SPHAL±CHALCOPY;
A	16132 0	16135 1	167814	13 1	12 9	14DD1	
A	16135 1	16136 5	167815	11 4	12 0	14E*1 4	+(4E4)
A	16136 5	16138 0	167816	11 5	1 B	A1C01	
A	16138 0	16142 7	167817	14 7	14 7	A1A1J3	
A	16142 7	16147 3	167818	14 6	14 7	14A1J3	
A	16147 3	16A19 0	167819	11 7	11 5	A1E1**	@
A	17129 0	17139 4	167910	15 4	15 3	A1E*18	//
A	17139 4	17141 0	167911	16 6	17 6	A1A11	±3 - NOT PREVIOUSLY SAMPLED BY ICA
A	17182 0	17186 6	167912	16 6	16 5	A1A11	±3 ± SPHAL
X	17186 6	17191 6		15 4		14A11	NOT SAMPLED - LOW GRADE - SEE K.A. ASSAYS
A	18135 0	18139 3	167913	14 3	14 4	14E01	
A	18139 3	18143 5	167914	14 2	14 4	14E01	
A	18148 5	18153 0	167915	14 5	14 9	14E115	+(4A0) +(4H0)
A	18153 0	18158 0	167916	15 0	14 6	A1E115	+(4A0)+(4F154) 4A0
A	18158 0	18163 7	167917	15 7	15 5	14A01	
A	18917 2	18919 0	167918	11 8	12 0	14A40	+(4G*) + (4E1) + (4H0)
							END OF HOLE @ 1184 FT

SPLIT

SPLIT

CAMC 100 - F 46

Feet

FAULT

DDH FAGA083 (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		11080	IG					20 cm gouge
F	11609	11622	SD					mylonitic texture — 0.1-2.0 cm
								calcite clasts in SBG sheared matrix
F	11550	11560	PI	4				0.4 ft / 1.0 ft recovery
F		11710	XQI					qtz vein bxa — ½ foot
F	12516	12617	QI					60% of unit bull qtz
F	12617	12710	IVI			215 2710		Tension gashes
F		12795	IG					gouge 279.3 - 279.7 ft
F		13010	IG		318 0100			gouge 300.5 - 301.0 ft
F	13014	13016	G					gouge
F		13510	IG		317 1810			gouge 350.0 - 350.2 ft
F	13511	13517	XQI		919 9199		919 9199	qtz vein bxa
F	14512	14535	X					bxa angular clasts —
								open structure
F	14535	14620	NNM					Ken-Add sample No core
F	14635	14735	NNM					" " "
F	14815	15006	R					unit predom. coarse rubble
F	15120	15150	IVI			217 1810		Tension gashes
F	15183	15207	G					gouge
F	15214	15313	PI	2				2.2 ft / 9 ft
F	15313	15313	XQI		919 9199		919 9199	bxa, silica - ank. matrix
F								SB clasts + rare py clasts
F	15214	15313	F					fault zone
F	15410	15513	IVI			210 2710		Tension gashes
F	15514	15516	G					30% gouge
F	15619	15710	G					gouge
F	16113	16114	G					gouge
F		16719	IGQ			919 9199		qtz veins & gouge // S_2
F	17114	17180	GP					80% gouge + missing core
								IND
F	17185	17219	RP	5				8 ft / 10.5 ft rubble
F	17219	17314	XDI?					isolated 4LO clasts
F		17918	IG					10 cm gouge
F		18012	IG					10 cm gouge
F	18213	18310	GP	1				0.8 ft / 7 ft gouge
F		18550	ISD					minor shear bxa

Feet

FAULT

DDH FAGA083 (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
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F		818603	DIX?					860-860.6 qtz-carb
								6xa clasts in 4Ho
								matrix
F	818132	818154	G 1					gouge
F	818972	818976	G 1					gouge
F		818822	DIX?					4Ho 6xa 888.1-888.3
F		819184	1 G		1			5 cm gouge
F	919290	919305	Q 1 G		416 0100			qtz vein + minor gouge
F	919513	919555	Q G		117 000			gouge + qtz vein
F		1010113	1 G					gouge 1011.0-1011.6
F	1010152	1010173	G 1			919 9199		gouge
F		1011142	1 G					gouge 1114.0-1114.5
F	1113107	1113112	1 G					
F		1114108	1 G					gouge 1140.6-1140.0
F	1118300	1118400	G 1					gouge

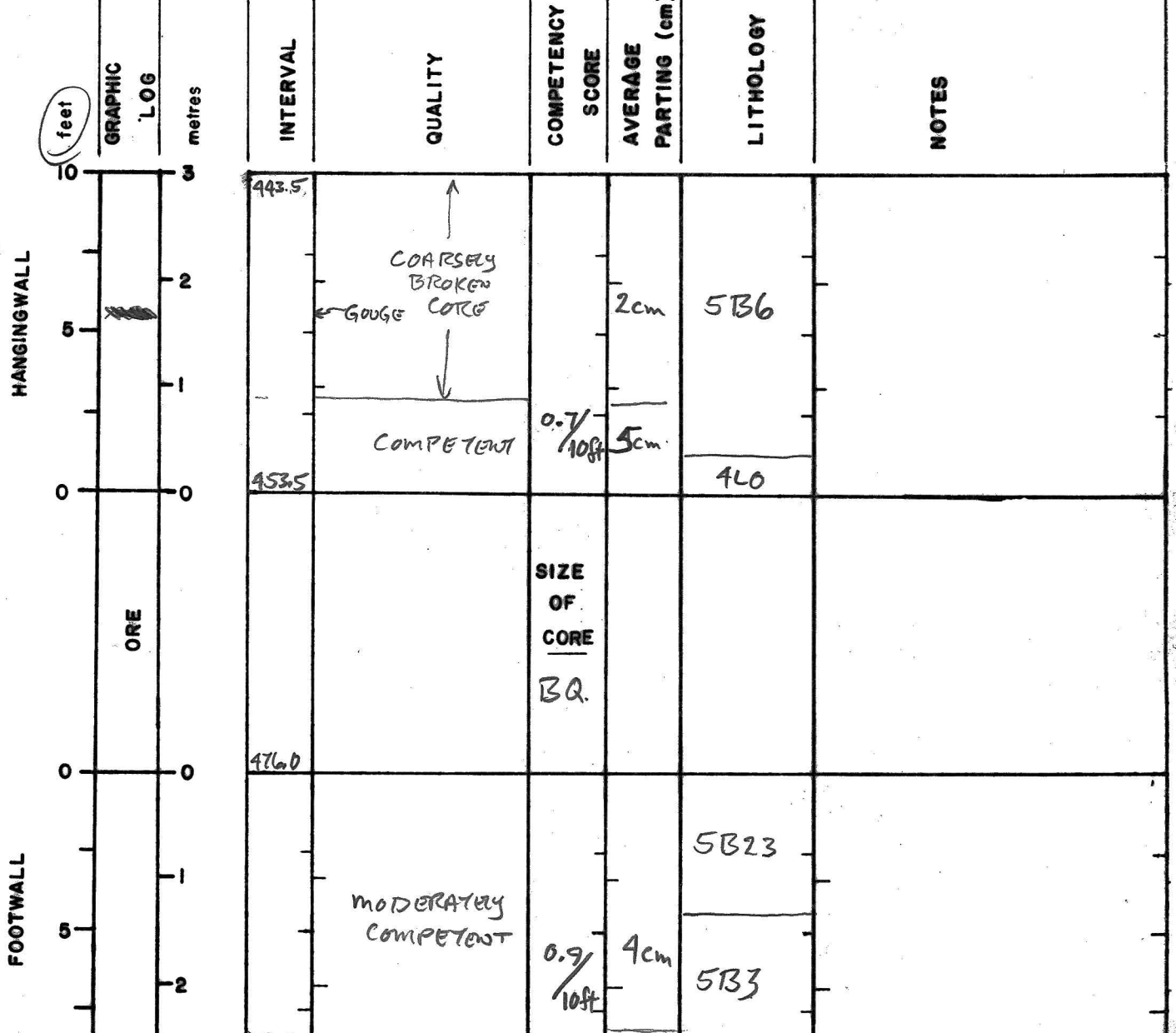
C.A.M.C. 1981 - E - 4

DDH- FIAIGIA101813I

453.5 - 476.0 feet

GEOTECHNICAL LOG

1/2

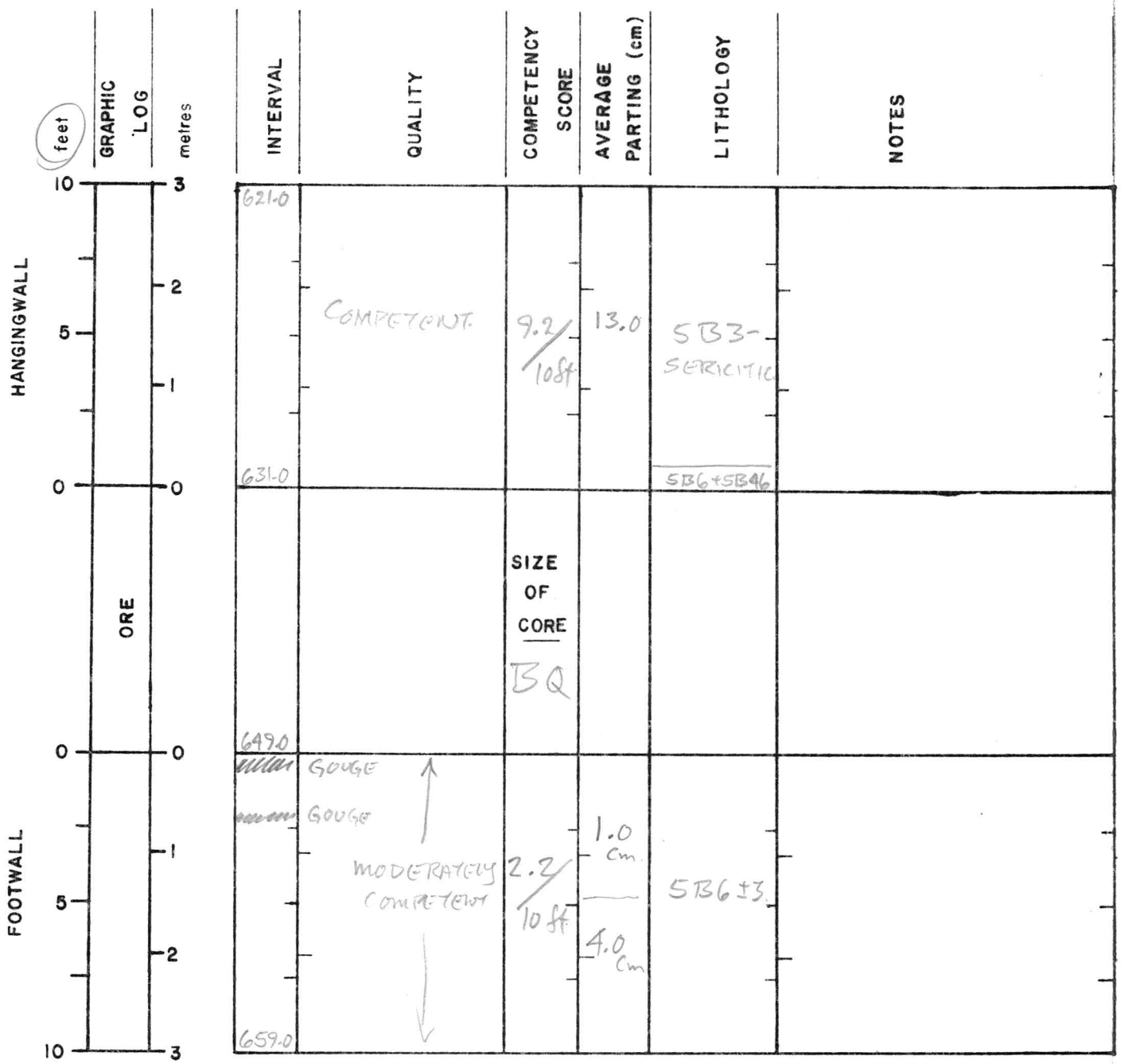


DDH- EAG1A0183

631.0 - 649.0 ft

GEOTECHNICAL LOG

2/2



DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY: VANGORDA, GRUM JOINT VENTURE

D.D.H. No. 75-A83 PAGE 1 of 8

LATITUDE (HIW COORDS) 10,608.52m (N)	2S (LINE GRID)	BEARING OF HOLE: BY SPERRY SUN @176' - 112° 20'; @394' - 112° 20'	STARTED June 5, 1975
DEPARTURE 7526.49m (E)	71 + 85 W approx.	DIP OF HOLE -90°: @594' - 104° 20'; @794' - 83° 50'; @994' - 66° 20'	COMPLETED June 12, 1975
ELEVATION 1289.13m	4191 ASL approx.	DIP TESTS: BY SPERRY SUN @1174' - 18° 20'; @176' - 86° 36'; @394' - 80° 18'; @594' - 76° 24'; @794' - 78° 00'; @994' - 79° 00'; @1174' - 78° 20'	DEPTH Proposed: Ultimate: 1184' (360.88 metres) 0-19' Tricone (37/8" 19-28' BW 28-1184 BQ

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	26 ft (?)	OVERBURDEN													
0	28 (8.53)	CASING.													
28	104	QTZ-SER PHY. Medium gray phyllite. Trace of graphite. Erratic irregular blebs of pyrite. 33-36' gray-green chlorite section. White quartz 43-43.5'; 46-47'; 51-52'. 1" gouge at 63'. Good F1 bands locally strongly crenulated. F2 70° @ 30', 75° @ 40', 70° @ 50', 65° @ 60', 70° @ 70', 80° @ 80', 70° @ 90'. 94-100' strong F2 crumbling of F1 bands. F2 85-90° @ 100'.	75/76												
104	115	Graphitic phyllite. Black with contorted F1 white quartz laminae. F2 80° @ 106', 45° @ 110'.	10/11												
115	135	Pale gray-green chlorite phyllite Moderate F2 crumpling of F1 bands. F2 = 75° @ 120'.	20/20												
135	160	QTZ-SER PHY. Medium gray phyllite. Trace of graphite. Local 1-10 mm quartz-calcite bands (F?) F2 = 70 to 75°.	21/25												

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY

LATITUDE | BEARING OF HOLE | STARTED

DEPARTURE | DIP OF HOLE | COMPLETED

ELEVATION | DIP TESTS | DEPTH Proposed: Ultimate:

D.D.H. No. 75-A83 PAGE 2 of 8

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
		QTZ-CHL-SER PHY													
160	168	Pale gray-green chloritic phyllite. F2 @ 80°.	8/8												
		Several bands of brecciated carbonate in quartz g.m. parallel to F2.													
		QTZ-SER PHY													
168	201	Gray Phyllite													
		Good gray and dark gray 1-5 mm laminae parallel to F2. Well developed L2 at right angles to F2 strike.	25/33												
		F2 = 70° to CA at 180'.													
201	205	Graphitic Phyllite													
		Crumpled F2 folds. Scattered blebs of pyrite.	4/4												
		QTZ-SER PHY													
205	238	Gray Phyllite													
		Crumpled F2 folds continue as previously to 210'. F2 laminae @ 70° @ 210', 80° @ 220', 85° @ 230'. Quartz-carbonate breccia	33/33												
		veins at 221-222, 228-229. Occasional blebs of pyrrhotite and pyrite.													
238	247	Bleached and porous alteration of tuff. Fault Zone ?	9/9												
247	257	Gray Phyllite Same as 205-238'.	10/10												

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A83 PAGE 3 of 8

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
257	262	White quartz													
262	378	Sericite-Graphite ? Graphitic Phyllite													
		Minor crumpled F2 folding 262-270'. Strong F2 foliation 70 @ 270', 80 @ 280-300'. White quartz 265-267.5'	110/116												
		303-318 -- ragged irregular veinlets of white quartz and yellow-brown carbonate.													
		-325 -- F2 = 50°													
		-327 -- 10 cm gray fault gouge													
		349-352 -- fault zone. 5 cm mud, remainder quartz-chlorite breccia													
		-340 -- F2 = 50°, 360' = 85°, 370' = 65°.													
378	413	QTZ-SER-GRAPH PHY. Dark Gray Phyllite													
		Gray and dark gray laminations parallel to strong F2 foliation.	35/35												
		Core Angle: 50° @ 410'.													
413	425	QTZ-GRAPH PHY Broken blocky muddy core. Mainly graphitic phyllite. Crossing L2-L3 on F2 planes. Breccia of phyllite in quartz-carbonate g'm[illegible].	7/7												
		F2 = 40° @ 417'.													
425	452	QTZ-GRAPH ± SER PHY Gray Phyllite													
		F2 = 60° at 430', 70° @ 440'	25/27												
		White quartz 429-430', 431-432.5', 448-450.													

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A83 PAGE 4 of 8

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
		QTZ-SER PHY w/ SULPHS. Bleached.													
452	454	453-452.5 -- buff bleached quartz-sericite rock	2/2												
		452.5-453' - angular breccia of quartz-carbonate fragments in pyrite g.m. (groundmass)													
		453-454' -- buff bleached quartz-sericite rock													
454	462	Massive Sulphide Zone													
		first contact sharp at 60°. Faint banding at 60°. Composition 60% pyrite, 5% lead-zinc, 0.5% copper. 35% quartz-calcite.	8	1810	454	462	8	5.20	3.66	2.12			41.60	29.28	16.96
462	463.5	Bleached sericite schist													
			1/5		462.0	463.5	—						0	0	0
463.5	473,5	Massive Sulphide Zone													
		Very faint banding at 85°. Composition 80% pyrite, 5% lead-zinc, 15% quartz-calcite.	10	1811	463.5	473.5	10	3.53	3.12	1.29			35.30	31.20	12.90
			2.5	1812	473.5	476.0	2.5	1.65	1.98	0.59					
				WT.AV.	454.0	473.5	19.5	3.94	3.10	1.53	(52.5)		76.90	60.48	29.85
473.5	533	Gray Sericite Phyllite													
		Irregular white quartz: 500-501', 510-511' Fault gouge at 518-519'.	48/ 59.5												
533.0	631.5	Chloritic Phyllite													
		Strongly banded. Quartz-calcite laminae (2-5mm) alternating with chloritic laminae. Competent F2 = 75° @ 540', 65° @ 550',	95/ 98.5												

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A83 PAGE 5 of 8

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
		80° @ 560', 80° @ 570', 80° @ 580', 80° @ 590', 85° @ 600', 80° @ 610', 75° @ 620'.													
		569-570 -- gouge. White quartz 590.0-590.4, 592.5-593'. 613-616 -- gouge													
		QTZ-SER and QTZ-GRAPH fmy, w/SULPHS.													
631.5	648.5	Sulphide Zone													
		631.5-632.5' -- sphalerite parallel to F2, 5% pyrite, 8% lead-zinc	1.0	1813	631.5	632.5	1.0	1.65	3.18	0.83			1.65	3.18	0.83
		632.5-632.9' -- massive pyrite, 70% pyrite, 10% lead-zinc	0.4	1814	632.5	632.9	0.4	3.08	4.14	1.62			1.23	1.66	0.65
		632.9-634.9' -- banded (5-10 mm), siliceous, and pyrite-sphalerite bands. Scattered tension fractures at right angles to F2 filled with chalcopyrite. 30% pyrite and 7% lead-zinc.	2.0	1815	632.9	634.9	2.0	2.30	3.06	0.88			4.60	6.12	1.76
		634.9-636.5' -- massive pyrite with faint bands of sphalerite at 80°. 90% pyrite, 8% lead-zinc.	1.6	1816	634.9	636.5	1.6	1.95	2.58	0.80			3.12	4.13	1.28
		636.5-647.6' -- interbanded 5-20 mm bands of graphite phyllite and pyrite with minor amounts of sphalerite and chalcopyrite. 40% pyrite, 3% lead-zinc.	5.0	1817	636.5	641.5	5.0	0.43	0.44	0.29			4.35	Pb Zn	
			6.1	1818	641.5	647.6	6.1	0.34	0.20	0.21			3.29	" "	
		647.6-648.5' -- massive pyrite with quartz-carbonate, 60% pyrite 2% lead-zinc.	0.9	1819	647.6	648.5	0.9	1.33	1.22	0.50			2.3	" "	
				Wt. Av.	631.5	636.5	5.0	2.12	3.02	0.90	(31)		10.602	15.084	4.518
				Wt. Av.	636.5	648.6	12.0	0.0	Pb Zn				9.94	Pb Zn	
648.5	729.0	Graphitic Phyllite													
		Locally non-graphitic. White quartz plus kaolinized feldspar @ 678-679. F2 strong at 80° @ 650', 660', 670', 680', 70° @ 690', 60° @ 700'.	79.0/ 80.5												
		Quartz-calcite tension veinlets at 80-90° to F2.													
		705.5-706 -- 5 mm bands of pyrite and sphalerite.													

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY

LATITUDE | BEARING OF HOLE | STARTED

DEPARTURE | DIP OF HOLE | COMPLETED

ELEVATION | DIP TESTS | DEPTH Proposed: Ultimate:

D.D.H. No. 75-A83 PAGE 6 of 8

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
729	734	Massive Sulphides Faintly banded massive pyrite (75° to core angle) Several irregular masses of quartz-calcite containing minor lead-zinc within the massive pyrite.	5	1820	729	734	5	1.03	0.95	0.59					
734	792	QTZ- GRAPH PHY W/ SULPHS Black and White Striped Rock Siliceous white to gray quartzite. 1-3mm beds (?) alternating with black chlorite-graphite material. Wide spaced F2 joints at 80-90° meet F1 bands at generally low angles. Broad, complex F2 folds. 5%-10% pyrite. Competent rock.	/48 10	1821	734.0 782.0	782.0 792.0	10	0.10	0.46	0.15					
792	800	Fault Zone Graphitic schist, gray fault gouge, plus pyritic black sand.	6/8												
800	835	Gray, Graphite Phyllite Strong F2 at 60°. Open F3 folds contort F2. Massive sulphide are both conformable to and cross cutting to F2.	30/35												
835	843	Massive Sulphides 85% pyrite. No visible lead-zinc.	8	1822	835	843	8	0.10	0.07	0.12					

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A83 PAGE 7 of 8

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
843	847.8	Gray Graphite Phyllite F2 = 60°.	4.0/4.8		843.0	847.8	—								
847 .8	850	QTZ - GRAPHITE PHY w/ SULPHS Mixture of blackish chlorite-graphite-phyllite-pyrite and quartz F2 = 30°.	2.2	1823	847.8	850	2.2	1.08	1.26	0.47			2.376	2.772	1.034
850	855	QTZ - GRAPH PHY w/ SULPHS - Breccia Breccia of subangular 5-20 mm phyllite fragments in a mixture of pyrite and pyrrhotite and sphalerite. 40% pyrite, 30% pyrrhotite, 5% lead-zinc.	5.0	1824	850	855	5.0	1.60	1.92	0.77			8.00	9.60	3.85
855	860.6	QTZ - GRAPH PHY. w/ SULPHS Breccia of large 5-10 cm fragments of phyllite in sulphide g.m. 25% pyrite, 10% lead-zinc.	5.6	1825	855	860.6	5.6	1.38	1.60	0.59			7.728	8.96	3.304
			3.1	1826	860.6	863.7	3.1	1.20	1.62	0.62			3.72	5.022	1.922
				W.T.Av.	847.8	863.7	15.9	1.37	1.66	0.64	(21.8)		21.824	26.354	10.110
860.6	864	QTZ - GRAPH PHY w/ SULPHS Massive pyrite and pyrrhotite interspersed with graphite phyllite. 40% pyrite, 10% pyrrhotite, 3% lead-zinc	60/63.4												
864	900	Dark Gray Graphite Phyllite F2 = 870' @ 75, 880' @ 80, scattered blebs of pyrite and chalcopyrite. Fault zone 883-888'. Gouge and blocky core.	30/36												

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY

LATITUDE | BEARING OF HOLE | STARTED

DEPARTURE | DIP OF HOLE | COMPLETED

ELEVATION | DIP TESTS | DEPTH Proposed: Ultimate:

D.D.H. No. 75-A83 PAGE 8 of 8

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
		896-899' -- 5-10 cm bands and masses of pyrite and pyrrhotite with minor sphalerite.	3.0	1827	896	899	3.0	1.18	1.08	0.47					
900	939	Gray Sericite Phyllite Strong F2 foliation at 75°. Quartz vein 929-930.8'.	39/39												
939	1184	Dark Gray Graphite Phyllite Black chlorite locally. 948-949' -- quartz-calcite vein at 45 . F2 = 80° @ 930', 80° @ 940', 50° @ 950', 80° @ 960', 75° @ 970', 80° @ 980', 85° @ 990'. 950-956' -- F2 folding, slickensides and minor fault gouge. 970-973' -- irregular 3-5 cm pyrite and quartz veins. F2 = 85° @ 1010', 85° @ 1020', 80° @ 1030', 85° @ 1040', 85° @ 1060', 75° @ 1070', 75° @ 1080', 70° @ 1090', 80° @ 1100', 80° @ 1110'. Occasional hard black augen shaped inclusions. F2 = 70° @ 1120', 65° @ 1130', 75° @ 1140', 80° @ 1150', 55° @ 1160', F2 fold crest. 1163-1170' -- 60° @ 1170', 80° @ 1180'. F3 kink folds at 1181'. Fault gouge 1130.8-1131.0'. Fault gouge 1182.0-1182.5'.	140/145											
	1184	END OF HOLE													
		REMARKS: 1. No water return (? feet) from Collar. 2. Hole cemented from top downwards, 42 bags of cement used. Some cement leaked into fissures.													

DDH: FAGA083 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV:1279 592225E ; 904813N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 312.5 Z = 1277.9

SECTION NAME: 72W

DDH: FAGA083 -- 42 DEGREE PROFILE

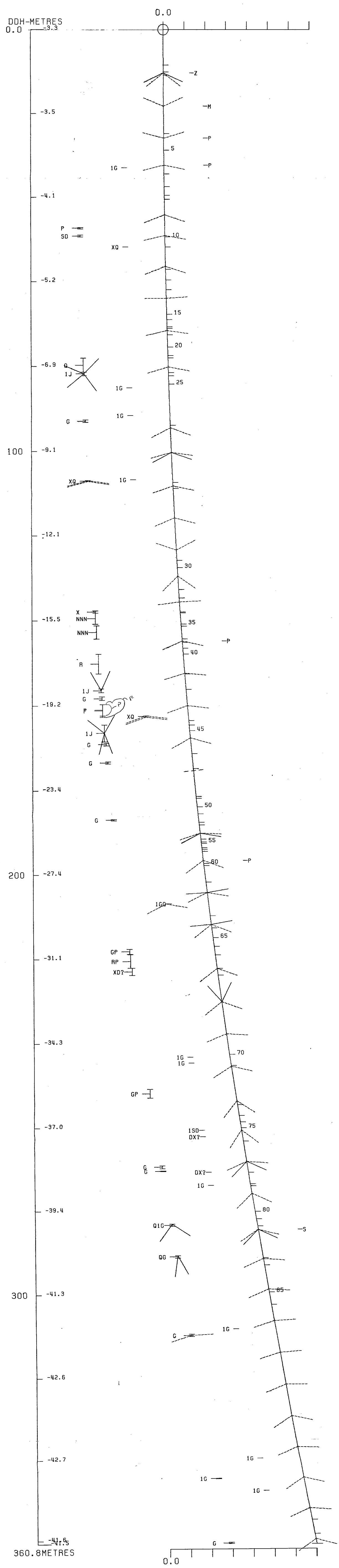
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1279 592225E ; 904813N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 312.5 Z = 1277.9

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 17 OCT 1984 10:57 AM

FAGA090

DRILL HOLE : FAGA090

NORTHING : 905,083.2

EASTING : 592,382.9

ELEVATION : 1,302.1

TOTAL DEPTH : 316.3

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 CRE-SAMPLES: 49

NOS DOWN-H-SURVEYS: 6

NOS DOWN-H-LITHOLOGY: 107

NOS DOWN-H-STRUCTURE: 69

NOS DOWN-H-FAULTS: 16

NOS DOWN-H-SPLINES: 6

NOS COMPOSITES: 0

DDH: FAGA090 UTM-N: 905,083.2 UTM-E: 592,382.9 UTM-ELEV: 1,302.1 TOTAL DEPTH: 316.3 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	AU(FA) G/MT	PO %	PY %	TOT FE	EAO %	HG %	MN %	AS %	BA %	S.G. W.R.
49.2	50.5	09305	1.3	1.3	4B4	3.02	.04	2.60	5.20	49.00		.55	3	3	6						
50.5	51.7	09306	1.2	1.2	4B4	2.93	.04	2.00	4.50	41.00		.55	3	2	5						
51.7	53.6	09307	1.9	1.9	5C4*	2.94	.01	.12	1.20	8.00		.21	7	1	8						
53.6	55.0	09308	1.4	1.4	4B4	2.96	.07	1.85	4.30	38.00		.89	2	3	6						
55.0	56.4	09309	1.4	1.4	4B4	2.93	.02	.89	3.40	23.00		.34	4	2	6						
57.7	59.4	09310	1.7	1.6	4B4	2.96	.02	1.96	5.00	38.00		1.37	3	3	7						
59.4	61.2	09311	1.8	1.7	4B4	2.96	.02	1.45	4.10	30.00		.89	3	4	7						
62.1	63.5	09312	1.4	1.0	4B4	3.03	.10	2.02	4.50	40.00		.62	3	6	9						
63.7	64.7	09313	1.0	1.0	4B4	2.97	.02	1.49	4.30	30.00		.55	3	4	7						
64.7	66.8	09314	2.1	1.8	4A4	3.02	.04	1.13	3.20	24.00	23.00	2.13	2	2	5						
68.5	69.7	09315	1.2	.8	4L0	3.33	.02	.97	1.80	22.00		.27	8	11	19						
70.2	72.5	09316	2.3	2.3	5A69	3.23	.03	.95	1.81	24.00		.41	6	9	15						
77.4	79.0	09318	1.6	1.1	4LE4	3.16	.02	3.48	6.20	55.00		.48	3	6	9						
79.0	80.6	09319	1.6	1.5	4LE4	3.34	.02	.88	1.35	21.00		.41	2	16	18						
80.6	82.1	09320	1.5	1.5	4E14	3.79	.15	6.80	7.90	107.00		1.58	2	19	21						
82.1	82.7	09321	.6	.6	4D43	3.18	.08	3.40	5.40	51.00		.41	1	9	11						
82.7	83.4	09322	.7	.7	5C4*	3.05	.01	.15	4.90	6.00		.21	6	4	10						
83.4	85.2	09323	1.8	1.8	4A14	3.02	.04	2.50	5.10	41.00		.41	1	5	6						
85.2	87.0	09324	1.8	1.8	4A14	3.02	.02	1.70	3.90	34.00		.48	1	7	8						
87.0	88.9	09325	1.9	1.9	4A14	3.30	.03	3.20	6.20	51.00	48.00	.89	3	6	9						
88.9	89.6	09326	.7	.7	4L0	3.05	.02	.86	1.87	16.00		.27	3	6	9						
89.6	90.1	09327	.5	.5	4C0	3.54	.07	2.90	3.30	47.00		.75	3	19	22						
90.1	91.7	09328	1.6	1.5	4A14	3.52	.05	2.40	3.00	42.00		1.23	1	18	20						
91.7	93.3	09329	1.6	1.6	4A14	3.45	.10	5.00	6.10	73.00		1.44	1	11	13						
93.3	94.8	09330	1.5	1.5	4A14	3.41	.02	3.60	6.20	60.00		1.03	2	11	13						
94.8	96.6	09331	1.8	1.6	5B6	3.08	.02	.40	.50	8.00		.27	2	3	5						
96.6	97.8	09332	1.2	1.2	4A14	3.48	.03	4.00	4.80	61.00		1.10	1	12	13						
97.8	99.0	09333	1.2	1.2	4A14	3.88	.11	3.00	3.80	59.00		1.30	1	18	19						
99.0	99.7	09334	.7	.7	4D0	3.47	.03	2.90	3.70	42.00		.55	1	13	15						
99.7	101.9	09335	2.2	2.2	5D*	3.20	.01	.43	1.47	10.00		.27	9	1	11						
101.9	103.3	09336	1.4	1.4	4D0	3.34	.06	2.90	5.40	49.00	48.00	.96	1	8	10						
103.3	104.1	09337	.8	.8	5D*	3.35	.09	1.94	4.10	31.00		.41	6	5	12						
104.1	106.3	09338	2.2	2.0	4A4	3.49	.06	5.00	8.60	72.00		1.03	2	6	9						
106.3	108.5	09339	2.2	2.1	4A4	3.48	.03	5.80	12.90	90.00		1.03	3	6	10						
206.0	207.4	09340	1.4	1.4	4L2		.04	3.80	5.00	67.00											
213.8	214.5	09341	.7	.7	4A4	3.23	.05	2.70	4.40	37.00		.34	4	5	9						
214.5	215.4	09342	.9	.9	4E#4	3.86	.07	7.30	12.10	103.00		.62	3	16	19						
215.4	216.0	09343	.6	.5	4L14	2.92	.02	2.50	3.00	39.00		.41		4	5						
216.0	216.4	09344	.4	.3	4G*A	3.68	.02	4.90	9.30	65.00		.48	1	10	12						
216.4	218.3	09345	1.9	1.9	4A14	2.95	.01	1.78	3.60	26.00		.34	1	2	3						
264.7	265.0	09346	.3	.3	4A14	3.08	.07	1.47	2.80	27.00		.48	2	7	10						
265.0	265.7	09347	.7	.7	4EH	4.57	.06	5.30	5.90	72.00	74.00	.48	16	17	33						

DDH: FAGA090 UTM-N: 905,083.2 UTM-E: 592,382.9 UTM-ELEV: 1,302.1 TOTAL DEPTH: 316.3 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	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.
265.7	266.1	09348	.4	.4	4G#	3.43	.14	4.20	5.90	62.00		.27	4	9	14						
266.1	267.5	09349	1.4	1.3	4LE	3.14	.07	.80	.63	18.00		.27	5	6	12						
267.5	268.8	09350	1.3	1.3	4E#4	3.89	.11	2.90	3.70	49.00		.62	2	23	26						
268.8	269.9	09317	1.1	.9	4LO	3.00	.02	.81	.58	17.00		.27	2	2	5						
269.9	270.9	09351	1.0	.8	4E4	4.34	.08	11.90	6.00	131.00		.89	12	15	27						
270.9	271.8	09352	.9	.9	4EO	4.47	.29	6.10	3.70	79.00		1.51	6	29	35						
271.8	273.0	09353	1.2	1.2	4E#4	3.85	.20	3.90	5.30	62.00		1.03	3	21	24						
WEIGHTED AVERAGE																					
49.2	56.4		7.2	7.2		2.95	.03	1.36	3.50	29.65		.48	4	2	7						
57.7	61.2		3.5	3.3		2.96	.02	1.69	4.53	33.88		1.12	3	3	7						
62.1	63.5		1.4	1.0		3.03	.10	2.02	4.50	40.00		.62	3	6	9						
63.7	66.8		3.1	2.8		3.00	.03	1.24	3.55	25.93	15.58	1.62	2	3	6						
68.5	69.7		1.2	.8		3.33	.02	.97	1.80	22.00		.27	8	11	19						
70.2	72.5		2.3	2.3		3.23	.03	.95	1.81	24.00		.41	6	9	15						
77.4	108.5		31.1	29.9		3.34	.04	3.01	5.16	48.78	5.09	.78	2	9	12						
206.0	207.4		1.4	1.4			.04	3.80	5.00	67.00											
213.8	218.3		4.5	4.3		3.23	.03	3.40	5.85	48.31		.41	2	6	8						
264.7	273.0		8.3	7.8		3.76	.11	4.05	3.53	56.31	6.24	.66	5	15	21						

DDH: FAGAC90 UTM-N: 905,083.2 UTM-E: 592,322.9 UTM-ELEV: 1,302.1 TOTAL DEPTH: 316.5 SECTION: 4 74
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	179.000	60.500
121.900	169.000	110.500
182.900	162.000	92.000
243.800	165.000	93.500
304.800	159.000	79.500

DDH: FAGA090 UTM-N: 905,083.2 UTM-E: 592,382.9 UTM-ELEV: 1,302.1 TOTAL DEPTH: 316.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
29.9	0001	#		0.5-	1
45.3	0002	5B8C		0.5-	1
45.8	0003	5A9	PY	0.5-	1
46.1	0004	4L0	(10Q0) BXA	0.5-	1
48.8	0005	5C6		0.5-	1
49.2	0006	5C4*		0.5-	1
51.7	0007	4B4	SERICITIC [4L14]	0.5-	1
52.4	0008	5C4*	(5D4*)	0.5-	1
53.4	0009	5C4$		0.5-	1
53.6	0010	5D4*		0.5-	1
56.4	0011	4B4	SERICITIC [4L14] (5D4*) 75:25	0.5-	1
57.7	0012	5D6	5C4$	0.5-	1
61.2	0013	4B4	SERICITIC [4L14]	0.5-	1
62.1	0014	5D4@		0.5-	1
63.3	0015	4B4	SERICITIC[4L14](4C0 SERICITIC)	0.5-	1
63.7	0016	5C4*		0.5-	1
64.7	0017	4B4	SERICITIC [4L14]	0.5-	1
66.5	0018	4A4	[5B6219]	0.5-	1
68.5	0019	5C4@	(4B4) (4D4) 85:12:03	0.5-	1
69.7	0020	4L0	(5B68) (10Q0) BXA	0.5-	1
70.2	0021	5C4@	GOUGE	0.5-	1
71.4	0022	5A69	1 PY	0.5-	1
71.9	0023	4L2	BXA [4C0 SERICITIC]	0.5-	1
77.4	0024	5A6*	(5A69) 90:10	0.5-	1
80.6	0025	4L0	(4L12)(5B62)(4E4)(4EC)	0.5-	1
82.1	0026	4E14	(4A14) -> 4D4 30% 4A	0.5-	1
82.7	0027	4D43	SERICITIC	0.5-	1
83.4	0028	5C4$		0.5-	1
88.9	0029	4A41	PHYLLITIC ?	0.5-	1
89.6	0030	4L0	&1 &7	0.5-	1
90.1	0031	4C0		0.5-	1
94.8	0032	4A14	&3 -> (4E45)MINOR	0.5-	1
96.6	0033	5B6	(4L1)	0.5-	1
99.0	0034	4A14	&3 -> (4E45) MINOR	0.5-	1
99.7	0035	4D0	(4B4)	0.5-	1
101.9	0036	5D4@		0.5-	1
103.3	0037	4D0	SERICITIC &5 [-> 5B91]	0.5-	1
104.1	0038	5D4@	(4D0) 60:40	0.5-	1
108.5	0039	4A4	->4D4 (4E14) (5D4*) 15% 5D	0.5-	1
110.2	0040	5A6	(5D4*) 70:30	0.5-	1
114.4	0041	5B62	(5D6) MINOR	0.5-	1
123.9	0042	5B6	->5B682 [3G0 &9 &$-SST BANDS]	0.5-	1
124.2	0043	5D$		0.5-	1
125.0	0044	3G0		0.5-	1
126.5	0045	5C*		0.5-	1
127.6	0046	3G0	-> 3G48	0.5-	1
128.4	0047	3G9	-> 5A6	0.5-	1
134.0	0048	5C$		0.5-	1
151.8	0049	3G0	&9 -> 3G0 DOWN	0.5-	1
152.4	0050	3G9	-> 5A6 TOO LIGHT FOR 5A	0.5-	1
157.9	0051	3G0	-> 3G0 &9 (10Q0) 80:20	0.5-	1

DDH: FAGA090 UTM-N: 905,083.2 UTM-E: 592,382.9 UTM-ELEV: 1,302.1 TOTAL DEPTH: 316.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
171.8	0052	3G9	-> 5A6 &$ (3GC &9 STRIPED)	0.5-	1
185.8	0053	3GC	&9 &$ STRIPED W/QTZ. SST.	0.5-	1
191.1	0054	5D4$	--> 5D0 (5B6 &$ &2 &8 MINOR)	0.5-	1
191.8	0055	4LC	AFTER 5D	0.5-	1
194.5	0056	5B62	$ (5D4$) (5B6 &2 &$)	0.5-	1
201.4	0057	5B62	$ (5B6 &2 &$) (5D4$)	0.5-	1
202.4	0058	5D*		0.5-	1
203.1	0059	5B6	&2 &$	0.5-	1
203.8	0060	5D4*	LAM	0.5-	1
206.0	0061	5B6	&2 &$ (5D4*)	0.5-	1
207.4	0062	4L2	(4E4$)	0.5-	1
208.3	0063	5B6	&2 &$ V. MINOR	0.5-	1
208.8	0064	4LO		0.5-	1
212.0	0065	5B6	&2 MINOR	0.5-	1
213.0	0066	5B6	&2 V. MINOR	0.5-	1
213.8	0067	5B6	&2	0.5-	1
214.3	0068	4A4	(3G12) [4A4 PHYLL]? [4D5]?	0.5-	1
214.5	0069	5B62		0.5-	1
214.9	0070	4E#4		0.5-	1
215.4	0071	4E4	&# & POROUS	0.5-	1
216.0	0072	4L41	[AFTER 4A14]	0.5-	1
216.4	0073	4G*4	(4A4) 70:30	0.5-	1
218.3	0074	4A41		0.5-	1
223.0	0075	5B6	&4	0.5-	1
224.3	0076	4LO		0.5-	1
228.3	0077	5B6		0.5-	1
229.7	0078	4LO		0.5-	1
230.6	0079	5D4*		0.5-	1
231.3	0080	4LO		0.5-	1
232.1	0081	5D4*		0.5-	1
238.9	0082	4LO	(5D4*) (5B64) BOTH MINOR	0.5-	1
241.7	0083	4LO	BIO AT T.O.I.	0.5-	1
252.0	0084	4LO		0.5-	1
253.8	0085	5B6	&4	0.5-	1
258.6	0086	4LO		0.5-	1
261.6	0087	5B64		0.5-	1
264.7	0088	4LO		0.5-	1
265.0	0089	4A1	&3 &4 (10Q0) 80:20	0.5-	1
265.7	0090	4E4	&# &POROUS(4H4)AT E.O.I. 88:12	0.5-	1
266.1	0091	4G4#	(4E4# POROUS)	0.5-	1
268.5	0092	4LO	(4E4 &#)	0.5-	1
268.8	0093	4E#4		0.5-	1
269.9	0094	4LO		0.5-	1
271.8	0095	4E4	&1 &# &7 &8 (4E0)	0.5-	1
273.0	0096	4E4#		0.5-	1
275.8	0097	5D4&		0.5-	1
280.5	0098	4L6	BIO	0.5-	1
285.6	0099	3G48		0.5-	1
289.1	0100	3G8	BIO MYSTERY PORPHS	0.5-	1
293.9	0101	3G8		0.5-	1
295.0	0102	3GO	&9 BIO GARNET	0.5-	1

DH: FAGA090 UTM-N: 905,083.2 UTM-E: 592,382.9 UTM-ELEV: 1,302.1 TOTAL DEPTH: 316.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
295.5	0103	1CQC		0.5-	1
299.1	0104	4LC	[4L6]	0.5-	1
305.2	0105	5B6	[3GO]	0.5-	1
308.5	0106	5C4*		0.5-	1
316.4	0107	5B6	[3GO]	0.5-	1

DDH: FAGA090 UTM-N: 905,083.2 UTM-E: 592,382.9 UTM-ELEV: 1,302.1 TOTAL DEPTH: 316.3 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	SC ANGLE	SC DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA090	0.0	42.2	CS2		0	0	0	0	65	230	0	1	1	1
FAGA090	0.0	47.2	CS2		0	0	0	0	65	230	0	1	1	1
FAGA090	0.0	52.4	CS2		0	0	0	0	66	230	0	1	1	1
FAGA090	0.0	57.3	CS2		0	0	0	0	74	230	0	1	1	1
FAGA090	0.0	61.7	CS2		0	0	0	0	74	230	0	1	1	1
FAGA090	0.0	65.4	CS2		0	0	0	0	60	230	0	1	1	1
FAGA090	0.0	67.0	CS2		0	0	0	0	40	230	0	1	1	1
FAGA090	0.0	70.6	CS2		0	0	0	0	50	230	0	1	1	1
FAGA090	0.0	72.7	CS2		0	0	0	0	75	230	0	1	1	1
FAGA090	0.0	76.6	CS2		0	0	0	0	74	230	0	1	1	1
FAGA090	29.9	79.6	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA090	0.0	81.0	PS2		0	0	0	0	75	230	0	1	1	1
FAGA090	79.6	81.4	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA090	0.0	84.2	CS2		0	0	0	0	55	230	0	1	1	1
FAGA090	0.0	88.5	CS2		0	0	0	0	69	230	0	1	1	1
FAGA090	0.0	92.8	CS2		0	0	0	0	50	230	0	1	1	1
FAGA090	0.0	95.8	CS2		0	0	0	0	55	230	0	1	1	1
FAGA090	81.4	99.7	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA090	0.0	100.8	PS2		0	0	0	0	50	230	0	1	1	1
FAGA090	99.7	101.9	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA090	0.0	104.4	CS2		0	0	0	0	60	230	0	1	1	1
FAGA090	0.0	108.0	CS2		0	0	0	0	70	230	0	1	1	1
FAGA090	0.0	113.8	CS2		0	0	0	0	80	230	0	1	1	1
FAGA090	101.9	118.4	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA090	0.0	120.2	CS2		0	0	0	0	75	230	0	1	1	1
FAGA090	0.0	124.4	CS2		0	0	0	0	69	230	0	1	1	1
FAGA090	118.4	127.0	CS2	D	0	0	0	0	0	0	0	1	1	1
FAGA090	0.0	128.4	PS2	P	0	0	0	0	45	230	0	1	1	1
FAGA090	0.0	132.2	PS2		0	0	0	0	63	230	0	1	1	1
FAGA090	0.0	136.9	PS2		0	0	0	0	65	230	0	1	1	1
FAGA090	0.0	141.5	PS2		0	0	0	0	75	230	0	1	1	1
FAGA090	127.0	142.0	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA090	0.0	145.4	CS2		0	0	0	0	75	230	0	1	1	1
FAGA090	0.0	150.0	CS2		0	0	0	0	67	230	0	1	1	1
FAGA090	0.0	155.0	CS2		0	0	0	0	70	230	0	1	1	1
FAGA090	0.0	160.1	CS2		0	0	0	0	60	230	0	1	1	1
FAGA090	0.0	165.2	CS2		0	0	0	0	60	230	0	1	1	1
FAGA090	0.0	170.0	CS2		0	0	0	0	60	230	0	1	1	1
FAGA090	0.0	175.1	CS2		0	0	0	0	64	230	0	1	1	1
FAGA090	142.0	176.6	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA090	0.0	180.0	CS2		0	0	0	0	75	230	0	1	1	1
FAGA090	0.0	185.0	CS2		0	0	0	0	73	230	0	1	1	1
FAGA090	0.0	190.0	CS2		0	0	0	0	62	230	0	1	1	1
FAGA090	0.0	195.4	CS2		0	0	0	0	60	230	0	1	1	1
FAGA090	0.0	198.0	CS2		0	0	0	0	70	230	0	1	1	1
FAGA090	0.0	203.0	CS2		0	0	0	0	72	230	0	1	1	1
FAGA090	0.0	208.0	CS2		0	0	0	0	57	230	0	1	1	1
FAGA090	0.0	213.3	CS2		0	0	0	0	62	230	0	1	1	1
FAGA090	0.0	218.8	CS2		0	0	0	0	77	230	0	1	1	1
FAGA090	0.0	223.0	CS2		0	0	0	0	70	230	0	1	1	1
FAGA090	0.0	228.5	CS2		0	0	0	0	72	230	0	1	1	1

DDH: FAGA090 UTM-N: 905,083.2 UTM-E: 592,382.9 UTM-ELEV: 1,302.1 TOTAL DEPTH: 316.3 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	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGAC90	0.0	233.4	CS2		0	0	0	C	68	230	C	1	1	1
FAGA090	0.0	238.7	CS2		C	0	0	C	77	230	C	1	1	1
FAGAC90	0.0	243.0	CS2		0	0	0	0	80	230	C	1	1	1
FAGA090	0.0	248.0	CS2		0	0	0	C	70	230	C	1	1	1
FAGA090	0.0	253.0	CS2		0	0	0	C	74	230	C	1	1	1
FAGAC90	0.0	258.3	CS2		0	0	0	0	63	230	C	1	1	1
FAGA090	176.6	265.0	CS2	M	0	0	0	0	0	0	C	1	1	1
FAGA090	0.0	269.5	PS2		C	0	0	0	60	230	C	1	1	1
FAGAC90	0.0	273.5	PS2		0	0	0	0	68	230	C	1	1	1
FAGA090	0.0	278.9	PS2		0	0	0	0	78	230	C	1	1	1
FAGAC90	0.0	283.9	PS2		0	0	0	0	55	230	C	1	1	1
FAGA090	0.0	288.3	PS2		0	0	0	0	75	230	C	1	1	1
FAGA090	0.0	293.2	PS2		0	0	0	0	57	230	C	1	1	1
FAGAC90	0.0	298.2	PS2		C	0	0	0	62	230	C	1	1	1
FAGAC90	0.0	303.0	PS2		0	0	0	C	60	230	C	1	1	1
FAGA090	0.0	308.3	PS2		0	C	0	C	60	230	C	1	1	1
FAGA090	0.0	313.1	PS2		0	0	0	0	67	230	C	1	1	1
FAGA090	265.0	316.4	PS2	P	0	0	0	0	0	0	C	1	1	1

DDH: FAGA090 UTM-N: 905,083.2 UTM-E: 592,382.9 UTM-ELEV: 1,302.1 TOTAL DEPTH: 316.3 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
FAGA090	29.9	45.3	BP		0	0	0	0	0	0	1
FAGA090	45.8	46.1	X		0	0	0	0	0	0	1
FAGA090	57.0	57.2	G		0	0	0	0	0	0	1
FAGA090	63.3	63.7	B		0	0	0	0	0	0	1
FAGA090	68.5	69.7	X		0	0	0	0	0	0	1
FAGA090	69.7	70.2	G		0	0	0	0	0	0	1
FAGA090	70.2	71.4	1X		0	0	0	0	0	0	1
FAGA090	71.4	71.9	X		0	0	0	0	0	0	1
FAGA090	77.4	80.6	3B		0	0	0	0	0	0	1
FAGA090	110.0	110.2	G		0	0	0	0	0	0	1
FAGA090	114.4	120.4	2NN		0	0	0	0	0	0	1
FAGA090	0.0	151.8	G		0	0	0	0	0	0	1
FAGA090	0.0	191.5	G		0	0	0	0	0	0	1
FAGA090	214.5	218.3	3B		0	0	0	0	0	0	1
FAGA090	263.6	264.2	G		0	0	99	999	0	0	1
FAGA090	273.7	275.8	G		0	0	0	0	0	0	1

DDH: FAGAC90 UTM-N: 905,083.2 UTM-E: 592,382.9 UTM-ELEV: 1,302.1 TOTAL DEPTH: 316.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGAC90	1	2
FAGAC90	2	2
FAGAC90	3	2
FAGAC90	4	2
FAGAC90	5	2
FAGAC90	6	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 75-A90

Project: Grum Relog

Location: Vangorda Plateau

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 6905083.1663 N

1979 HIW photo Survey

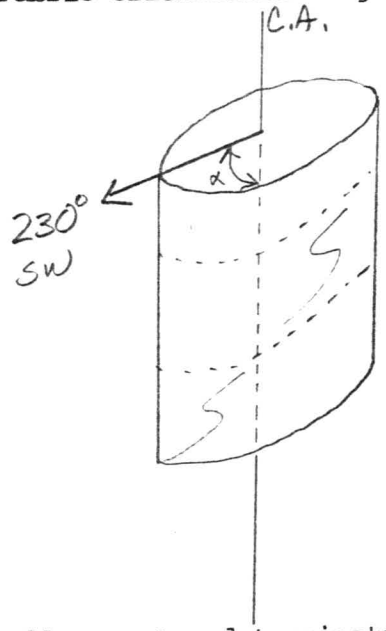
592382.9310 E

Grid Co-ords.: 74W/8N

Elevation: 1302.12

Total Depth: 316.4 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: July 11 - July 17, 1980

Drilling Contractor:

Core:

Size	From	To
BQ	29.87	EOH

Collar Cased and Capped:

Started: July 4, 1975 Completed: July 19, 1975

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 7.5-A.09.0
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	7,5-A,0,9,0	1,3,0,2.1	9,0,5,0,8,3.2	5,9,2,3,8,2.9	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	7,5-A,0,9,0	0 0	1,8,0.0	0.0	ATCOLLAR
R	7,5-A,0,9,0	6,1.0	1,7,9.0	6,0.5	TROPARI
R	7,5-A,0,9,0	1,2,1.9	1,6,9.0	1,1,0.5	
R	7,5-A,0,9,0	1,8,2.9	1,6,2.0	9,2.0	
R	7,5-A,0,9,0	2,4,3.8	1,6,5.0	9,3.5	
R	7,5-A,0,9,0	3,0,4.8	1,5,9.0	7,9.5	
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 7.5-A.0.9.0 (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	0 0	29 9	1		O/B
L	29 9	45 3	2	5B8	strongly calc, broken + lost core
L	45 3	45 8	3	5A9	minor py
L	45 8	46 1	4	4L0	bxiated, oxidized, minor py minor 4L + qtz
L	46 1	48 8	5	5C0 ~~5D6~~ mot	mottled
L	48 8	49 2	6	~~5D4~~ 6 5C4* mot	altered unit 5 w/ mariposite
L	49 2	51 7	7	4B4	5-10% py 7% PbZn - SERICITIC [4L14]
L	51 7	52 4	8	~~5D4~~ 5C4* + (5D4)	massive buff w/ mariposite blebs } THE SAME WITH
L	52 4	53 4	9	5C* ~~5D6~~ mot DOLO	mottled } VARYING PROPORTIONS
L	53 4	53 6	10	5C4* ~~5D4~~ 5D* ~~as unit 6~~	} OF FUCHSITE
L	53 6	56 4	11	4B4	as unit 7, 5% PbZn, 5-10% py - SERICITIC, intbd of 5D4 buff w/ mar. [4L14]
L	56 4	57 7	12	5C* ~~5D6~~ mot - DOLO	mottled, 57.0 - 57.2 - GOUGE ‖ S_2 WITH F/W 5cm @ 7 VN ↳ @ 55.8 - 56.88
L	57 7	61 2	13	4B4	[4L14] as units 7+11, - SERICITIC ± PYRITE BANDS 2cm; (4CO) 6% PbZn, green qtz (dissem chlor ?) @ EOI ↳ v. minor
L	61 2	62 1	14	5D4	(6?) *-ANK buff then mottled then buff, possible $FeCO_3^=$
L	62 1	63 3	15	4B4	SERICITIC as units 7, 11, 13 7% PbZn [4L14] + (4CO - SERICITIC)
L	63 3	63 7	16	~~5D4~~ 6 5C*	buff w/ mariposite, broken - 3% FUCHSITE
L	63 7	64 7	17	4B4	as before 5-6% PbZn - SERICITIC [4L14]
L	64 7	66 5	18	4A4	5% PbZn [5B6219 - DOMINANTLY SILICIFIED PHYLLITE MATRIX TO SULPHIDE]
L	66 5	68 5	19	~~5D4~~ 6 5C*-ANK	(66.7 - 66.8 = 4B4) + (67.5 - 67.6 = 4D4)
L	68 5	69 7	20	4L0	+ (green, 5B6) + (10Q0) bxiated w/ sfds → py + minor PO oxidized, minor po - PROB NOT A FAULT BUT ASS'D
L	69 7	70 2	21	~~5D4~~ 5C4*-ANK	highly altered, buff w/ mariposite, ~~almost~~ gouge ← WITH ↳ ‖ S_2
L	70 2	71 4	22	5A6	P/V minor py - DOMINANTLY SULPHIDES FILL CRACKLE BRECCIA
L	71 4	71 9	23	4L2	as unit 20 bxiated w/ py [4CO - SERICITIC)
L	71 9	77 4	24	5A6*	71.9 - 72.5 = 5A69 - SIMILAR TO UNIT 22;
L	77 4	80 6	25	4LE	/4/ chewed up interval: 4E4 (4" @ TOI), 5B2,
					4L0, 4E0, 4L2, 4E4 ± POROUS
L	80 6	82 1	26	~~4EA~~	4E4 + (4A4) ~~(50:50)~~ (70:30) 8% PbZn + (4D4)
L	82 1	82 7	27	4D4	50% sfds 13% PbZn - SERICITIC
L	82 7	83 4	28	~~5D4~~ 5C4*-DOLO	buff w/ mariposite = 5%
L	83 4	88 9	29	4A4	/1/ 7-9% PbZn + (3G12 - FINELY INTERBANDED) small intbd of 4L2 @ 87.7 - 88.0m
L	88 9	89 6	30	4L0	+1±4 4% PbZn + (4AE4 @ 20 cm F/W)
L	89 6	90 1	31	4C0	±4
L	90 1	99 0	32	4A4	/1/ ±3/ 4-13% PbZn (C + PHYLL PARTINGS) → 4AE4 @ EOI (30 cm) & SHORT SECTIONS ELSEWHERE
L	99 0	99 7	33	~~4BD~~ 4D0	bands of (4B4) + 4D0 5-7% PbZn
L	99 7	101 9	34	~~5D4~~ 6 5D*-ANK	buff altered, pitted - PITS = DOLO - KAOLINITE ? 30% of UNIT AT H/W GRADING TO 0% @ 0.4m F/W;
L	101 9	103 3	35	4D0	8% PbZn w/ minor grey mica ie. 5B91 - SERICITIC

94.8 - 96.6 = INTERVAL OF 5B6 + (4L1)

DDH 7.5.-A.0.9.0 (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	5D* + (4D0)
L	103 3	104 1	3 6	4 L D	60:40 bands of unit 34 + unit 35 ✓ (NO PITTING IN 5D)
L	104 1	108 5	3 7	4 A L	85:15 ~~75:25~~ bands of 4A4 (→ 4D4) and 4L (5D~~4~~* w/ mariposite) → 4A4 + (5D* ± MARIPOSITE) + (4E14) 13-23% PbZn red sphal > gal
L	108 5	110 2	3 8	5 A D	70:30 interbeds of 5A6 and 5D4; 20cm gouge + qtz vein @ TOI — CONTACTS?
L	110 2	114 4	3 9	5 B D	5B26 w/ minor interbeds of green massive 5D6
L	114 4	123 9	4 0	5 B 6	(or 3G?) contains both chlorite + carbonaceous mat'l more than 5B0 (→ 5B682 ?). First 6m. of interval missing &/or jumbled
L	123 9	124 2	4 1	5 D 3	massive green
L	124 2	125 0	4 2	5 B 6	as unit 40 5B682 ? Note all of this 5B6 could be 3G
L	125 0	126 5	4 3	5C ~~5D6~~	mot mottled
L	126 5	127 6	4 4	5 B 6	8
L	127 6	128 4	4 5	5 A 6	2" of green massive 5D6 @ upper ctc; → chlorite (5B826) @ EOI. Black graphite w/ white siliceous bands
L	128 4	134 0	4 6	5C* ~~5D3~~	mot mottled $FeCO_3^=$ (slow fizz)
L	134 0	151 8	4 7	5 B 6	(or 3G) minor interbdd 5D @ TOI, minor qtz veins, gouge @ EOI
L	151 8	152 4	4 8	5 A 6	
L	152 4	157 9	4 9	5 B 6	→ 5B26 @ EOI, abundant (~20%) OQO: white qtz veins w/ chlor + buff stuff ($CO_3^=$?)
L	157 9	171 8	5 0	5 A 6	w/ 5-10% OQO w/ py gradually becoming interbdd w/ 5A1 as unit 51
L	171 8	185 8	5 1	5 A 1	6 looks like the 5A which is strongly calc but these white bands are siliceous not calc.
L	185 8	191 1	5 2	5 D B	70:30 interbds of massive green 5D3 + 5B86
L	191 1	191 8	5 3	4 L 0	bleached unit 52 + gouged in center of interval. Perhaps this is bleaching around a local fracture
L	191 8	194 5	5 4	5 D B	50:50 interbds of 5B26 + 5D6
L	194 5	201 4	5 5	5 A 6	5A16 as unit 51 @ TOI, → 5B26 locally, incl ~2ft of 5B0 ankeritic $CO_3^=$ filled fractures, interbds of 5D @ EOI
L	201 4	202 4	5 6	5 D 3	ankeritic (ie weakly calc). This has a light brown color unlike the usual buff 5D. Possibly some fine grained biotite?
L	202 4	203 1	5 7	5 B 2	6 → 5A6 locally
L	203 1	203 8	5 8	5 D 3	as unit 56

DDH 75-A090 (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	2038	2060	59	5BD	5B2 (→ 5A) w/ intbds of 5D4? (4L)
L	2060	2074	60	4L2	+ (4E*4-DOLO (10-15% PbZn)) = 30% OF UNIT; ± PØ
L	2074	2083	61	5A6	→ 5B26 locally
L	2083	2088	62	4L0	from 5A or 5B
L	2088	2120	63	5B26	minor qtz veins w/ py
L	2120	2130	64	5B46	bleached unit 63. sharp lower ctc.
L	2130	2138	65	5B26	
L	2138	2143	66	4A4	+ (3G12 - FINELY INTERBANDED)
L	2143	2145	67	5B26	could this core be out of place? ctcs destroyed by splitting, - PROB IN PLACE
L	2145	2149	68	~~4G4~~	→ 4E*4-CALC (?) chewed up core, COULDN'T WAIT FOR DINNER!
L	2149	2154	69	4E4	? " " ± CALC ± POROUS WITH 5% 0.2-1cm WHITE QZ CLASTS
L	2154	2160	70	4L4	/1/ AFTER 4A14?
L	2160	2164	71	4G*	/4/ (4A4) + 4G4* = 70% OF UNIT
L	2164	2183	72	4A41	still chewed up - C PARTINGS & BANDS;
L	2183	2230	73	5B6	(or 3G) minor white mica bleaching (5B64) at top + bottom
L	2230	2243	74	4L0	altered unit 73
L	2243	2283	75	5B6	as unit 73
L	2283	2297	76	4L0	as unit 74
L	2297	2306	77	5D43	massive green w/ orange-buff oxide stain: $FeCO_3^=$
L	2306	2313	78	4L0	as unit 74
L	2313	2321	79	5D43	as unit 77 w/ more white mica
L	2321	2389	80	4L0	as unit 74, 76, 78. Small interbd of 5D4 + of 5B4
L	2389	2417	81	4L0	not really "normal" 4L. This interval is rich in biotite at top, then picks up buff porphyroblasts(?) soft, non-calc, rounded to subhedral.
L	2417	2520	82	4L0	as unit 80; occasional hints of protolith 5B (or 5D minor) Since the biotite of unit 81 is so local maybe it is an indication of local orig. compositional variation rather than increased (m) grade
L	2520	2538	83	5B6	still some white mica bleaching (5B64)
L	2538	2586	84	4L0	as 82
L	2586	2616	85	5B64	as unit 83
L	2616	2647	86	4L0	as before 263.6 - 264.2 = GOUGE // S_2
L	2647	2650	87	4A1	/3/4/ 2520 PbZn + (20% 10Q0 // S_2)

DDH 75-A09 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	NO BARITE
L	2657	2661	89	4G4	* w/ carbonate =60% + (4E4* - POROUS, CALC) then porous sfds; red sphal + gal
L	2661	2675	90	4L2	→ 0 + (4E4±* - CALC) patches of massive py
L	2675	2683	91	~~4D0~~	→ 4G*4 - CALC - NO BARITE Inhomogenous interval ~~4E0, 4D0~~ 4G*4 (75% sfd py + minor PbZn), + ~~minor~~ (4L0) partings, ~~4E bxia @ EOI~~ → minor 4K0 clasts @ F/W
					overall ~ 2% PbZn?
L	2688	2699	92	4L0	→ 4E4±1 (±* CALC) (±7 @ H/W) (±8 @ F/W) + (4E0)
L	2699	2718	93	~~4D,E~~	4D4 w/ SLIGHTLY bxiated 4E0 coming in + out, 16% PbZn (red sph + gn)
					(4E4 & HIGH GRADE ~~4D4~~ dominant to ~~271~~ 270.8) (4E0 dominant to EOI)
L	2718	2730	94	~~4K0~~	→ 4E*4 interval begins as ~~4E0~~ 4E4±* w/ $CO_3^=$ clasts & BANDS (normal 4K0), then
					a bxia: clasts + matrix = sfds in $CO_3^=$ gangue, $CO_3^=$ bands
					bxia then 4G* - CALC - BRECCIA - NO BARITE @ EOI (the whole interval could be
					barite-bearing but highly calc)
L	2730	2758	95	5D4	3 $FeCO_3^=$ buff orange 5D breccia to 273.7, then gouge to EOI FAULT
L	2758	2805	96	4L6	chlor., white mica, + biotite (@ TOI)
L	2805	2856	97	3B2	or [5F6]
L	2856	2891	98	3D8	chlor-biotite phyllite → 3G, calc sil → 3D + biot (green + brown bands)
					then 80% biotite phyllite w/ minor green calc-sil,
					then chlor + biotite phyllite → 3G → 3D8
L	2891	2939	99	3B2	or [5F6]
L	2939	2950	00	3G2	w/ biotite + pink garnets up to 3 mm
L	2950	2955	01	0Q0	
L	2955	2991	02	4L0	or 4L6
L	2991	3052	03	5B6	or 3G monotonous grey phyllite
					→ chlorite @ EOI
L	3052	3085	04	~~5D3~~ 5C4	* mot mottled chloritic then 5D4 mottled w/ mariposite
					+ massive buff-orange; only slightly calc
L	3085	3164	05	5B6	or 3G as unit 103
		EOH			There are no definitive formation indicators.
					Much of the hole could be Mt Mye fm but if so
					where is the break? Or it could all be Vangorda
					fm. The only definite Vangorda fm is ~199. Do the
					calc bands in Unit 98 indicate Vangorda?
		at the end of unit 2			Also the sfd intervals are chewed up + inhomogenous

* Note: calc bands within the brown biotite phyllite

DDH FAGA090 Cyprus Anvil Mining Corp. Page ____ of ____

Relog (using JSM breaks) Lithologic Log Date: 29 Aug 82 Logged By: GAJ/DST

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1198.5	1239			3G0	±9±* g-sf. bands (5D4*); unit less carbonaceous in last 3m
L	1239	1242			5D*	dol.
L	1242	1250			3G0	
L	1250	1265			5C*	
L	1265	1276			3G0	⇒ 3G48
L	1276	1284			3G9	⇒ 5A6 to 389 @ end
L	1284	1340			5C*	dol
L	1340	1518			3G0	±9 ⇒ 390 down hole (000)
L	1518	1524			3G9	⇒ 5A6 not quite dk. enough for 5A
L	1524	1579			3G0	⇒ 390±9 as logged by JSM
L	1579	1718			3G9	⇒ 5A6 ± * dol vn minor (3G0 ±9 stringer)
L	1718	1858			3G0	±9±* dol; stringer w/ prom. qtz. sf dwel. lenses JSM 5A1
L	1858	1911			5D4*	dol ⇒ 5D0 (5B6 ± * ± 2 ± 8 minor)
L	1911	1918			4L9	from 5D4* doesn't fizz
L	1918	1945			5BG2	* (5D4*) (5B6±2±*), pelitic homog. dk. gray
L	1945	2014			5BG2	* (5B6±2±*, 5D4*)
L	2014	2024			5D*	
L	2024	2031			5BG	±2 ± * dol
L	2031	2038			5D4*	lam.
L	2038	2060			5BG	±2 ± * dol (5D4*)
L	2060	2074			4L2	(4EU * dol.)
L	2074	2083			5BG	±2 ± * minor
L	2083	2088			4L0	
L	2088	2120			5BG	±2 minor
L	2120	2130			5BG	±2 v.v. minor not "bleached" per JSM
L	2130	2138			5BG	±2 minor
						Sulfides skipped
L	2805	2856			3G48	— not 4L lenses
L	2856	2891			3G8	biotite-rich phyll w/ qtz & fsp felds porphs, not highly siliceous, could be a meta volc vk. e.g. 3G8 or 3B @ bio. grade overprinted by faulting
L	2891	2939			3G8	
L	2939	2950			3G0	±9

Rest per JSM log

DDH 75-A090 (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		129					O/B
S		412	C S 2			615 2310	S region 29.87 - 79.6
S		417	C S 2			615 2310	poor data, very few pt observations
S		512	C S 2			616 2310	impossible partly because Lithons
S		573	C S 2			74 2310	in split core can't be oriented
S		617	C S 2			74 2310	
S		654	C S 2			610 2310	
S		670	C S 2			410 2310	
S		706	C S 2			510 2310	
S		727	C S 2			75 2310	
S		716	C S 2			74 2310	
S		796	F 2	S			R region 79.6 - 81.4
S		810	P S 2			75 2310	
S		814	F 2	R			S region 81.4 - 99.7
S		842	C S 2			55 2310	
S		885	C S 2			619 2310	
S		928	C S 2			510 2310	
S		958	C S 2			515 2310	
S		997	F 2	S			R region 99.7 - 101.9
S		1008	P S 2			510 2310	
S		1019	F 2	R			S region 101.9 - 118.4
S		1044	C S 2			610 2310	
S		1080	C S 2			710 2310	
S		1138	C S 2			80 2310	core missing ~114 - 118
S		1184	F 2	S			D region 118.4 - 127.0
S		1202	C S 2			715 2310	w/ scattered S sym.
S		1244	C S 2			619 2310	
S		1270	F 2	D			P region 127.0 - 142.0
S		1284	P S 2			415 2310	
S		1312	P S 2			613 2310	
S		1369	P S 2			615 2310	
S		1411	P S 2			715 2310	
S		1420	F 2	P			S region 142.0 - 176.6
S		1454	C S 2			715 2310	
S		1500	C S 2			617 2310	
		1550	C S 2			710 2310	

DDH 75-A090 (2–8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JSM

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_1 Dip (28–32)	S_2 Dip (34–38)	Description
S		1601	CS2			60 230	
S		1652	CS2			60 230	
S		1700	CS2			60 230	
S		1751	CS2			64 230	
S		1766	F2	S			M region 176.6-265.0
S		1800	CS2			75 230	poor data - only scattered pt observ.
S		1850	CS2			73 230	more s than Z
S		1900	CS2			62 230	
S		1954	CS2			60 230	
S		1980	CS2			70 230	
S		2030	CS2			72 230	
S		2080	CS2			57 230	
S		2133	CS2			62 230	
S		2188	CS2			77 230	
S		2230	CS2			70 230	
S		2285	CS2			72 230	
S		2334	CS2			68 230	
S		2387	CS2			77 230	
S		2430	CS2			80 230	
S		2480	CS2			70 230	
S		2530	CS2			74 230	
S		2583	CS2			63 230	
S		2650	F2	M			R region 265.0 - 275.8
S		2695	PS2			60 230	sfds
S		2735	PS2			68 230	
S		2758	F2	R			P region 275.8 - 316.4
S		2789	PS2			78 230	
S		2839	PS2			55 230	
S		2883	PS2			75 230	
S		2932	PS2			57 230	
S		2982	PS2			62 230	
S		3030	PS2			60 230	
S		3083	PS2			60 230	
S		3131	PS2			67 230	
S		3164	F2	P			EOH

DDH 75-A090 (2 / 8)

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

Logged By: JSM

Sampled By:

Code	From	To	Sample No.		Description		
1	10 14	16 20	22 27		Length	Recovery	Unit
P	1493	1516	18419	KA	2.4	2.4	4B4
P	1516	1536	18510	KA	2.0	2.0	5D4, 5D6
P	1536	1565	18511	KA	2.85	2.85	4B4
P	1577	1615	18512	KA	3.83	3.83	4B4
P	1624	1633	18516	KA	0.9	0.9	4B4
P	1637	1647	18513	KA	1.03	1.03	4B4
P	1647	1665	18514	KA	1.8	1.8	4A4
P	1685	1698	18515	KA	1.32	0.95	4L0
P	1702	1725	18517	KA	2.3	2.3	5A69, 4L2, 5AL
P	1774	1791	18518	KA	1.66	1.06	4LE
P	1791	1799	18519	KA	0.85	0.8	4LE
P	1799	1827	18160	KA	2.75	2.75	4LE, 4EA, 4D4
P	1827	1835	18161	KA	0.80	—	5D4
P	1835	1847	18162	KA	1.25	1.25	4A4
P	1847	1869	18163	KA	2.25	2.25	4A4
P	1969	1889	18164	KA	1.95	1.80	4A4
P	1889	1900	18165	KA	1.10	1.10	4L0, 4D0
P	1900	1910	18166	KA	1.0	1.0	4A4
P	1910	1920	18167	KA	1.0	1.0	4A4
P	1920	1930	18168	KA	1.0	1.0	4A4
P	1930	1939	18169	KA	0.95	0.95	4A4
P	1939	1946	18170	KA	0.65	0.5	4A4
P	1946	1949	18171	KA	0.25	0.25	4A4
P	1949	1964	18172	KA	1.55	1.55	4A4
P	1964	1985	18173	KA	2.1	2.1	4A4
P	1985	1995	18174	KA	1.0	1.0	4A4
P	10019	10040	18175	KA	2.05	2.05	4BD, 5D46, 4D0, 4D
P	10410	10510	18176	KA	1.0	1.0	4AL
P	10510	10600	18177	KA	1.0	1.0	4AL
P	10600	10700	18178	KA	1.0	1.0	4AL
P	10700	10800	18179	KA	1.0	1.0	4AL
P	20600	20700	18180	KA	1.0	0.9	4DL
P	21133	21416	18181	KA	1.3	0.8	5B26, 4A4
P	21416	21514	18182	KA	0.8	0.8	4G4, 4E4
P	21514	21602	18183	KA	0.8	0.8	4L4 4AG
P	21602	21688	18184	KA	0.6	0.3	4AG 4A41

DDH 75-A0-90 (2 / 8)

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

Logged By: JSM

Sampled By:

Code	From	To	Sample No.	Description			
				Length	Recovery	Unit	
P	21168	21182	118815 KA	1.4	1.3	4A41	
P	21657	21660	118816 KA	1.3	1.3	4G4	
P	21660	21675	118817 KA	1.5	1.5	4L2	
P	21675	21687	118818 KA	1.2	1.2	4L2	
P	21687	21698	118819 KA	1.1	1.1	4D0, 4L0	
P	21698	21710	118910 KA	1.2	1.2	4DE	
P	21710	21719	118911 KA	0.9	0.9	4DE	
P	21719	21731	118912 KA	1.2	1.2	4K0	

LOGGED 1980 / CHECKED & ASSAYED 1981

DDH 75-A-90 (2/8) Cyprus Anvil Mining Corp Page ____ of ____

ASSAY LOG (SAMPLER'S COPY) Date 14 AUG/81 Checked ~~Logged~~ by GG Sampled by ____

UNITS METRES

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	1419.2	1510.5	913015	11.3	11.3	4B4	
P	1510.5	1511.7	913016	11.2	11.2	4B4	
P	1511.7	1536.6	913017	11.9	11.9	5C4*	+(SD*)
P	1536.6	1550.0	913018	11.4	11.4	4B4	
P	1550.0	1516.4	913019	11.4	11.4	4B4	
	1516.4	1517.7		11.3	1—	5C*	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	1517.7	1519.4	913110	11.7	11.6	4B4	
P	1519.4	1611.2	913111	11.8	11.7	4B4	
	1611.2	1612.1		10.9	1—	5D4*	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	1612.1	1613.3	913112	11.2	11.0	4B4	
	1613.3	1613.7		10.4	1—	5C*	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	1637	1619.7	913113	11.0	11.0	4B4	
P	16A.7	1616.8	913114	11.8	11.8	4A4	+ (minor 4B4 &)
P	1618.5	1619.7	913115	11.2	10.8	4L01	+ (5B6) + (4E0) FELSITIC
	1697	1702		10.5	1—	5C4*	GOUGE / LOW GRADE NOT SAMPLED // ASSAY = 0%
P	1702	1712.5	913116	12.3	12.3	5A69	±1 +(4L12)
P	1774	1790	913118	11.6	11.1	4L4	
P	1790	1806	913119	11.6	11.5	4L4	
P	1806	1821	913210	11.5	11.5	4E4	+ (4A4)
P	1821	1827	913211	10.6	10.6	4D4	-SERICITIC
P	1827	1834	913212	10.7	10.7	5C4*	
P	1834	1852	913213	11.8	11.8	4A4	
P	1852	1870	913214	11.8	11.8	4A4	
P	1870	1889	913215	11.9	11.9	4A4	
P	1889	1896	913216	10.7	10.7	4L01	±1 ±4
P	1896	1901	913217	10.5	10.5	4C01	±4
P	1901	1911.7	913218	11.6	11.5	4A4	
P	1911.7	1933	913219	11.6	11.6	4A4	
P	1933	1948	913310	11.5	11.5	4A4	
P	1948	1966	913311	11.8	11.6	5B6	+(4L)
P	1966	1978	913312	11.2	11.2	4A4	
P	1978	1990	913313	11.2	11.2	4A4	
P	1990	1997	913314	10.7	10.7	4D01	

LOGGED 1980 / CHECKED & ASSAYED 1981

DDH 75-A-90 Cyprus Anvil Mining Corp

Page ____ of ____

CHECKED ~~Logged by~~ GG

ASSAY LOG (SAMPLER'S COPY)

Date 14 AUG/81 Sampled by ____

UNITS = METRES

SPLIT AS NEEDED

SPLIT AS NEEDED

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	99 7	101 9	9335	2 2	2 2	5D*	
P	101 9	103 3	9336	2 4	1 5	4D0	
P	103 3	104 1	9337	0 8	0 8	5D*	+(4D0)
P	104 1	106 3	9338	2 2	2 0	4A4	+(5D4*)
P	106 3	108 5	9339	2 2	2 1	4A4	+(5D4*)
P	206 0	207 4	9340	1 4	1 4	4L2	+(4E*4)
P	213 8	214 5	9341	0 7	0 7	4A4	+(5B26)
P	214 5	215 4	9342	0 9	0 9	4E*4	+(4E4
P	215 4	216 0	9343	0 6	0 5	4L14	
P	216 0	216 4	9344	0 4	0 3	4G*4	+(4A4)
P	216 4	218 3	9345	1 9	1 9	4A14	
P	264 7	265 0	9346	0 3	0 3	4A14	±3
P	265 0	265 7	9347	0 7	0 7	4E4	+(4H4)
P	265 7	266 1	9348	0 4	0 4	4G*	+(4E4)
P	266 1	267 5	9349	1 4	1 3	4L0	+(4E4±*)
P	267 5	268 8	9350	1 3	1 3	4G*4	
P	268 8	269 9	9317	1 1	0 9	4L0	
P	269 9	270 9	9351	1 0	0 8	4E4	±7
P	270 9	271 8	9352	0 9	0 9	4E0	±8
P	271 8	273 0	9353	1 2	1 2	4E*4	+(4G*) +(4K0
							END OF HOLE @ 316.4m

DDH FAGA090 (2–8)

M

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip Direct. (28–32)	S_1 Dip Direct. (34–38)	S_2 Dip Direct (40–44)	Description
F	299	453	BP					
F	458	461	X					
F	570	572	G					
F	633	637	B					
F	685	697	X					
F	697	702	G					
F	702	714	1X					
F	714	719	X					
F	774	806	3B					
F	1100	1102	G					
F	1144	1204	2NN					
F		1518	G					
F		1915	G					
F	2145	2183	3B					
F	2636	2642	G			99999		
F	2737	2758	G					

DDH: FAGA090 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1302 592383E ; 905083N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 619.1 Z = 1314.0

SECTION NAME: 72W

DDH: FAGA090 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV:1302 592383E ; 905083N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 619.1 Z = 1314.0

SECTION NAME: 72W

FAGA092

DRILL HOLE : FAGA092

NORTHING : 905,126.4

EASTING : 592,424.0

ELEVATION : 1,300.9

TOTAL DEPTH : 288.6

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: 8

NOS DOWN-H-SURVEYS: 5

NOS DOWN-H-LITHOLOGY: 39

NOS DOWN-H-STRUCTURE: 71

NOS DOWN-H-FAULTS: 29

NOS DOWN-H-SPLINES: 5

NOS COMPOSITES: 0

DDH: FAGA092 UTM-N: 905,126.4 UTM-E: 592,424.0 UTM-ELEV: 1,300.9 TOTAL DEPTH: 286.6 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
49.4	51.5	09257	2.1	1.2	4D0	3.45	.04	3.70	4.20	56.00		.48	4	14	18						
51.5	53.8	09258	2.3	2.2	4D4	3.57	.04	10.10	12.80	135.00		1.03	3	9	13						
53.8	55.7	09259	1.9	1.2	4D4	3.77	.04	5.90	9.60	92.00	96.00	.89	2	13	15						
55.7	56.7	09260	1.0	.7	4A4	3.56	.18	8.10	14.30	123.00		1.51	5	8	13						
189.6	190.8	09261	1.2	1.2	4G4*	3.45	.05	4.80	7.60	79.00		.55	2	8	10						
190.8	192.2	09262	1.4	1.2	4CD	3.49	.14	3.00	2.80	50.00		1.23	1	18	19						
192.2	193.0	09263	.8	.8	4G4*	4.50	.22	11.50	10.10	173.00		2.67	1	24	25						
193.0	194.4	09264	1.4	1.4	4L2	3.16	.05	1.31	1.72	36.00		.69	2	9	11						
WEIGHTED AVERAGE																					
49.4	56.7		7.3	5.3		3.58	.05	6.89	9.69	99.43	24.98	.90	3	11	15						
189.6	194.4		4.8	4.6		3.55	.10	4.37	4.90	73.66		1.14	1	14	16						

DDH: FAGA092 UTM-N: 905,126.4 UTM-E: 592,424.0 UTM-ELEV: 1,300.9 TOTAL DEPTH: 288.6 SECTION: W 74
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	175.500	32.000
121.900	166.000	93.000
182.900	160.000	85.000
262.100	155.000	83.000

DDH: FAGA092 UTM-N: 905,126.4 UTM-E: 592,424.0 UTM-ELEV: 1,300.9 TOTAL DEPTH: 288.6 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
49.4	0C01	#		0.5-	1
51.5	0C02	4D4	(4L14) (4C0) 40:3C:3C	0.5-	1
53.8	0C03	4D4		0.5-	1
55.7	0C04	4D4	(4E4) (4L1) 75:1C:15	0.5-	1
56.7	0C05	4AC	(4D4)	0.5-	1
74.7	0C06	5B62	(10Q0) 92:08	0.5-	1
78.0	0C07	5D0		0.5-	1
80.9	0C08	5A0	(5D0) MINOR	0.5-	1
85.8	0C09	5D0		0.5-	1
87.8	0C10	5B2C	(5D0) MINOR	0.5-	1
89.9	0C11	5C6	(5B20) MINOR	0.5-	1
92.2	0C12	5B26		0.5-	1
93.9	0C13	5C#		0.5-	1
101.3	0C14	5B26	&0	0.5-	1
106.5	0C15	5A0		0.5-	1
111.7	0C16	5B26	&0 (5D4#) 90:10	0.5-	1
118.0	0C17	5A0		0.5-	1
130.5	0C18	5B6	&4 &0	0.5-	1
155.1	0C19	5D0	(5C6)	0.5-	1
174.4	0020	5A69	PY PO MINOR SPHAL	0.5-	1
176.0	0021	5B48	0 (5D4) (5B20)	0.5-	1
181.5	0C22	5A0	(5B40 (5D4*)	0.5-	1
183.2	0023	5D4*		0.5-	1
189.1	0C24	5B20		0.5-	1
190.8	0C25	4G4$	(4D46) (4L3)	0.5-	1
192.2	0C26	4C0&	(4D0@) BXA	0.5-	1
193.0	0C27	4G4$		0.5-	1
194.4	0028	4L24	(5D4*) MINOR	0.5-	1
220.4	0C29	5B6	-> (5B64)	0.5-	1
235.9	0030	4L2		0.5-	1
238.4	0031	5B6		0.5-	1
246.6	0032	5B4	&8?	0.5-	1
259.0	0033	5BC	BIO CHL	0.5-	1
260.9	0034	5D0		0.5-	1
267.6	0035	5B20		0.5-	1
269.4	0036	5A0		0.5-	1
281.0	0037	5B26	&0	0.5-	1
282.0	0038	5A0		0.5-	1
288.6	0C39	5B0	BIO RELOG THIS HOLE!	0.5-	1

DDH: FAGA092 UTM-N: 905,126.4 UTM-E: 592,424.0 UTM-ELEV: 1,300.9 TOTAL DEPTH: 288.6 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
FAGA092	49.4	56.7	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA092	0.0	56.7	CS2		0	0	0	0	61	230	0	1	1	1
FAGA092	0.0	61.2	CS2		0	0	0	0	38	230	0	1	1	1
FAGA092	56.7	65.0	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA092	0.0	65.0	CS2		0	0	0	0	56	230	0	1	1	1
FAGA092	65.0	67.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA092	0.0	68.4	CS2		0	0	0	0	39	230	0	1	1	1
FAGA092	67.0	68.6	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA092	68.6	69.6	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA092	0.0	71.1	CS2		0	0	0	0	47	230	0	1	1	1
FAGA092	69.6	71.8	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA092	71.8	73.2	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA092	0.0	77.2	CS2		0	0	0	0	40	230	0	1	1	1
FAGA092	0.0	82.9	CS2		0	0	0	0	48	230	0	1	1	1
FAGA092	0.0	87.7	CS2		0	0	0	0	44	230	0	1	1	1
FAGA092	0.0	92.5	CS2		0	0	0	0	45	230	0	1	1	1
FAGA092	0.0	97.9	CS2		0	0	0	0	57	230	0	1	1	1
FAGA092	73.2	98.1	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA092	0.0	100.7	CS2		0	0	0	0	56	230	0	1	1	1
FAGA092	0.0	106.5	CS2		0	0	0	0	60	230	0	1	1	1
FAGA092	0.0	111.8	CS2		0	0	0	0	60	230	0	1	1	1
FAGA092	0.0	116.0	CS2		0	0	0	0	35	230	0	1	1	1
FAGA092	98.1	119.8	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA092	0.0	122.2	CS2		0	0	0	0	40	230	0	1	1	1
FAGA092	0.0	127.2	CS2		0	0	0	0	43	230	0	1	1	1
FAGA092	119.8	130.5	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA092	0.0	133.6	PS2		0	0	0	0	55	230	0	1	1	1
FAGA092	0.0	138.3	PS2		0	0	0	0	54	230	0	1	1	1
FAGA092	0.0	145.1	PS2		0	0	0	0	64	230	0	1	1	1
FAGA092	0.0	151.7	PS2		0	0	0	0	55	230	0	1	1	1
FAGA092	0.0	155.0	PS2		0	0	0	0	53	230	0	1	1	1
FAGA092	130.5	155.1	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA092	0.0	160.7	CS2		0	0	0	0	43	230	0	1	1	1
FAGA092	0.0	165.7	CS2		0	0	0	0	73	230	0	1	1	1
FAGA092	155.1	166.1	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA092	0.0	169.2	CS2		0	0	0	0	71	230	0	1	1	1
FAGA092	166.1	169.5	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA092	0.0	174.3	PS2		0	0	0	0	73	230	0	1	1	1
FAGA092	0.0	177.4	PS2		0	0	0	0	54	230	0	1	1	1
FAGA092	169.5	177.5	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA092	0.0	181.4	CS2		0	0	0	0	52	230	0	1	1	1
FAGA092	177.5	181.5	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA092	0.0	182.4	PS2		0	0	0	0	49	230	0	1	1	1
FAGA092	0.0	185.1	PS2		0	0	0	0	52	230	0	1	1	1
FAGA092	0.0	193.5	PS2		0	0	0	0	58	230	0	1	1	1
FAGA092	0.0	195.5	PS2		0	0	0	0	78	230	0	1	1	1
FAGA092	181.5	195.5	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA092	0.0	200.4	CS2		0	0	0	0	58	230	0	1	1	1
FAGA092	0.0	201.8	CS2		0	0	0	0	54	230	0	1	1	1
FAGA092	195.5	202.7	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA092	202.7	204.0	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGA092 UTM-N: 905,126.4 UTM-E: 592,424.0 UTM-ELEV: 1,300.9 TOTAL DEPTH: 288.6 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
FAGA092	0.0	207.3	CS2		0	0	0	0	80	230	C	1	1	1
FAGA092	0.0	212.9	CS2		0	0	0	0	58	230	C	1	1	1
FAGA092	0.0	216.1	CS2		0	0	0	0	69	230	C	1	1	1
FAGA092	204.0	216.3	CS2	Z	0	0	0	C	0	0	C	1	1	1
FAGA092	0.0	221.8	PS2		0	0	0	0	81	230	C	1	1	1
FAGA092	0.0	223.3	PS2		0	0	0	0	67	230	C	1	1	1
FAGA092	0.0	230.7	PS2		0	0	0	0	62	230	C	1	1	1
FAGA092	0.0	235.8	PS2		0	0	0	0	25	230	C	1	1	1
FAGA092	0.0	237.4	PS2		0	0	0	0	43	230	C	1	1	1
FAGA092	0.0	240.3	PS2		0	0	0	0	36	230	C	1	1	1
FAGA092	0.0	245.0	PS2		0	0	0	0	44	230	C	1	1	1
FAGA092	0.0	251.7	PS2		0	0	0	0	53	230	C	1	1	1
FAGA092	0.0	258.4	PS2		0	0	0	0	48	230	C	1	1	1
FAGA092	0.0	267.6	PS2		0	0	0	0	65	230	C	1	1	1
FAGA092	0.0	274.9	PS2		0	0	0	0	52	230	C	1	1	1
FAGA092	0.0	277.9	PS2		0	0	0	0	53	230	C	1	1	1
FAGA092	0.0	283.2	PS2		0	0	0	0	77	230	C	1	1	1
FAGA092	0.0	284.7	PS2		0	0	0	0	77	230	C	1	1	1
FAGA092	0.0	288.4	PS2		0	0	0	0	65	230	C	1	1	1
FAGA092	216.3	288.6	PS2	P	0	0	0	0	0	0	C	1	1	1

DDH: FAGA092 UTM-N: 905,126.4 UTM-E: 592,424.0 UTM-ELEV: 1,300.9 TOTAL DEPTH: 288.6 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
FAGAC92	49.4	51.5	B			0	0	0	0	0	0	1
FAGA092	53.8	55.7	B	6		0	0	0	0	0	0	1
FAGA092	112.0	112.1	G			0	0	0	0	0	0	1
FAGA092	118.1	118.2	G			0	0	0	0	0	0	1
FAGA092	0.0	128.3	G			0	0	0	0	0	0	1
FAGA092	0.0	134.8	S			0	0	0	0	0	0	1
FAGA092	0.0	134.9	S			0	0	0	0	0	0	1
FAGA092	0.0	146.9	S			0	0	0	0	0	0	1
FAGA092	156.4	156.6	G			0	0	0	0	0	0	1
FAGA092	0.0	184.0	G			0	0	0	0	0	0	1
FAGAC92	187.1	188.9	GP	4		0	0	0	0	0	0	1
FAGA092	190.8	192.2	X			0	0	0	0	0	0	1
FAGA092	0.0	192.6	X			0	0	0	0	0	0	1
FAGA092	216.3	220.4	G			0	0	0	0	0	0	1
FAGAC92	0.0	223.3	S			0	0	0	0	0	0	1
FAGA092	0.0	223.6	S			0	0	0	0	0	0	1
FAGA092	228.2	229.2	S			0	0	0	0	0	0	1
FAGA092	230.7	232.3	S			0	0	0	0	0	0	1
FAGA092	233.0	233.5	S			0	0	0	0	0	0	1
FAGA092	241.0	241.1	G			0	0	0	0	0	0	1
FAGA092	246.8	247.2	S			0	0	0	0	0	0	1
FAGA092	248.4	248.5	S			0	0	0	0	0	0	1
FAGA092	249.2	249.7	S			0	0	0	0	0	0	1
FAGA092	252.7	253.4	S			0	0	0	0	0	0	1
FAGA092	254.4	256.0	S			0	0	0	0	0	0	1
FAGA092	258.1	258.5	S			0	0	0	0	0	0	1
FAGA092	265.1	266.5	G			0	0	0	0	0	0	1
FAGA092	278.0	278.2	G			0	0	0	0	0	0	1
FAGA092	284.7	285.1	G			0	0	0	0	0	0	1

DDH: FAGA092 UTM-N: 905,126.4 UTM-E: 592,424.0 UTM-ELEV: 1,300.9 TOTAL DEPTH: 288.6 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA092	1	2
FAGA092	2	2
FAGA092	3	2
FAGA092	4	2
FAGA092	5	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 75-A92

Project: GRUM

Location: VANGORDA PLATEAU

Claim: _____

UTM
Terr. Plane Co-ords.: 6,905,126.38 N

1979 HIW Orthophoto Survey

592,424.02 E

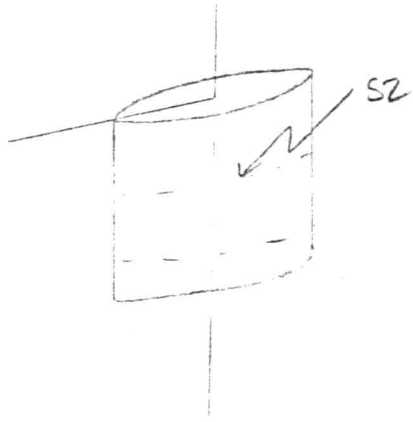
Grid Co-ords.: 74W | 10N

_____

Elevation: 1300.93

Total Depth: 288.6 m.

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Purpose: _____

RE
Logged by: PN Date(s) Logged: JULY 15, 19, 24 | 30

Drilling Contractor: _____

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

Started: 7/16/75 Completed: 7/24/75

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 75-A092

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	75-A092	1300.9	9051261.4	592424.10	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-A092	0.0	180.0	0.0	ATCOLLAR
R	75-A092	611.0	175.5	32.0	SPERRYSUN
R	75-A092	1211.9	166.0	93.0	
R	75-A092	1821.4	160.0	85.0	
R	75-A092	2621.1	155.0	83.0	
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 7 5 - A 0 9 2 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PN / RBT

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	0.0	49.4	1		o/B
L	49.4	51.6	2	4D4	qtz & sericite clasts in sulphide matrix; 10% Pb? m; blocky, broken core 49.4 – 51.2 m; 4A4 56.0 – 56.7 m;
L	51.6	71.7	3	5B2	non-calcareous; minor py blebs; DDO 69.8 – 70.3 m, 70.7 – 70.9 m, 73.5 – 74.6 m;
L	71.7	78.0	4	5D10	variably calcareous; minor interbands of sericite, 74.7 – 75.0 thin layers of chl alternating w/ qtz ± calcite; siliceous from 77.8 – 78.0 m;
L	78.0	81.0	5	5A10	5DO 79.2 – 79.3 m; calcite filling tension gashes;
L	81.0	85.8	6	5D10	minor py stringers & qtz veins; sericitic i parts;
L	85.8	87.8	7	5B2	minor 5DO layers from 86.9 – 86.1 m; calcareous; few qtz lenses;
L	87.8	89.9	8	5C0 not 5D10	mottled 88.5 – 89.1 m; minor wt + py stringers at 89.6 m; few layers at 5B2;
L	89.9	92.2	9	5B2	non-calcareous; minor py blebs;
L	92.2	93.9	10	5C0 not 5D10	laminated except bet. 92.2 – 92.5 and 93.2 – 93.4 m where blebby wavy chl layers alternate w/ calcareous layers;
L	93.9	101.3	11	5B2	minor py stringers & blebs; minor po blebs at 97.7 m; very slightly calcareous; few narrow bands at 5D1 bet 94.8 and 95.7 m; minor sph at 99.3 m;
L	101.3	106.5	12	5A10	very slightly calcareous to 105.5 then moderately calcareous to 106.5 m; minor py & calcite fracture fillings;
L	106.5	111.7	13	5B2	minor py, small (<1 mm) calcite blebs; negligibly calcareous; calcareous 5D4 107.0 – 107.4 m;
L	111.7	118.0	14	5A10	numerous calcareous tension crack fillings; minor py; gouge 112.0 – 112.1 m;
L	118.0	130.5	15	5B16	negligibly calcareous; minor py blebs; gouge from 118.1 – 118.2 and at 128.3 m; 5B4 (calcareous) from 123.4 m;
L	130.5	151.5	16	5D10	massive w/ small (<2 mm.) calcareous blebs 130.5 – 131.3 m; mottled 132.3 – 132.7 m; coarsely banded 133.1 – 134.3, 135.6 – 136.3, 144.5 – 146.8 m; sericitic 152.1 – 152.6 m; sheared at 134.9, 134.9, 146.9 m; siliceous 151.3 – 151.7, 152.1 – 152.3, 153.1 – 153.2, 152.7 – 152.9 m; 5B6 at 153.5 – 153.6,

→ 5C

DDH 75-A092 (2–8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PN

Code	From	To	Unit	Code	Description
1	10–14	16–20	22 23	25–27	
					153.8–154.0 m; 154.4–154.8 m; 2 cm. band of po w/ minor py, calcareous blebs at 154.4 m; minor py throughout; thin band of red sph at 153.8 m; very slightly calcareous except from 136.5–140.2 m where moderately calcareous
L	155 1	174 4	17	5A6	minor py tension gash fillings; lesser sph; gouge from 156.4–156.6 m; 5D0 from 157.4–157.7 m; 1 cm. thick band of po, py at 159.4 m; few minor interbands of 5B0 & bleached sericite;
L	174 4	176 0	18	5B4	bleached green-grey sericite w/ interlayers of qtz w/ calcite blebs; minor py, po stringers; bleached tuffaceous 5D0 from 174.8–174.9 m; interband of 5B20 from 175.2–175.5 m w/ gradational boundaries;
L	176 0	181 5	19	5A0	w/ minor py stringers; interbands of calcareous 5B4 from 176.4–176.5 m, 177.1–177.2, 177.3–177.4; 4L0 interbanded w/ bleached 5D0 with mariposite 179.6–180.4 m; calcareous crack fillings;
L	181 5	183 2	20	5D4	bleached calcareous 5D w/ mariposite; calcite fracture fillings; minor qtz–calcite bands;
L	183 2	189 1	21	5B2	calcareous; 5D0 184.0–184.2 m; gougy w/ calcite clasts at contact at 184.0 m; gouge at 187.1–188.9 m ⇒ (Rec only 0.7 m)
L	189 1	192 8	22	4LD	py, qtz & calcite clasts in matrix of calcite, sericite, sph, gal, & py; py clasts < 3 cm. across; 4G4 w/ honey coloured sph 190.7–190.9 m & at 192.2 m (5% PbZn); minor sericite clasts; few thin bands of 5D4 w/ mariposite from 189.4–189.6, 190.4–190.6 m;
L	192 8	194 4	23	4L0	minor py sph & gal bands; minor calcite blebs (< ½ cm); 7.0 cm. of non-calc. to slightly calc. 5D4 at 193.3 m;
L	194 4	220 4	24	5B6	very slightly calc. in few areas; few qtz–ankerite veins; minor py bands; grades into minor interbands of 4L0 w/ py from 202.6–203.6, 204.8–205.4 m; 211.4–211.8, fault zone 216.3–220.4 w/ graphitic gouge 216.3–216.9 m, light grey gouge 216.9–220.4 m;
L	220 4	235 9	25	4L0	non-calc; OQO w/ minor py & carbonate from 120.9–121.4 m; minor py stringers throughout; shear at 223.3, 223.6,

See Addendum P875 →

DDH [illegible] 2 8

Cyprus Anvil Mining Corp.
Lithologic Log

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Logged By: PN

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
					228.2-229.2, 230.7-232.3, 233.0-233.5 m;
					chloritic from 232.5-233.0m;
L	2359	2384	26	5B6	minor py blebs & narrow qtz veins; minn
					calcite assoc w/ qtz;
L	2384	2466	27	5B4	gouge 241.0-241.1m; noncalcareous; light grey-
					green; chloritic from 245.1-246.6 w/ darker
					green colour; minn py blebs & bands
L	2466	2590	28	5B0	calcareous tension crack fillings, bt layers scattered
					throughout; chlorite content varies; minn qtz-py-
					calcite veins; shear at 246.8-247.2, 248.4-
					248.5, 249.2-249.7, 252.7-253.4, 254.4-256.0,
					& 258.1-258.5m;
L	2590	2609	29	5D0	259.0-259.4m mottled calcareous ~~5D~~ 5C; 259.4-259.5
					normal 5D; 259.5-260.9 m 5D46 slightly bleached
					from the normal 5D0;
L	2609	2676	30	5B2	graphite content increases towards bottom; slightly to
					moderately calcareous; slightly talcy; gouge from
					265.1-266.5 m;
L	2676	2694	31	5A0	w/ minn py blebs
L	2694	2810	32	5B2	slightly calcareous; ankeritic fracture fillings w/ py
					blebs, gouge from 278.0-278.2 m;
L	2810	2820	33	5A0	
L	2820	2886	34	5B0	bt-rich, chloritic phyllite; calcareous; dk. brown
					colour; minn py blebs; 5B20 283.0-283.9m;
					5A0 gouge 284.7-285.1m; ankeritic & calcitic
					fracture fillings.
		EOH			

DDH 75-A092 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page ____ of ____

Date: Aug 14/81 Logged By: RST

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
L	00	494		2	*	O/B.
L	494	515		2	4D4	(4L14, 4C0) Highly broken unit. 40% 4D4, 30% 4L14
				2		30% 4C0.
L	515	538		2	4D4	> 10% Pb+Zn qtz clots from < 4mm to 2cm.
						giving rock 4K appearance. Possibly bx.
L	538	557	14	2	4D4	(4E4, 4L1) 4E4 (0.2m) @ 54m 4L1 (0.3m
						54.9. (1.4m Rec)
L	557	567		2	4A0	(4D4) 1st 0.4m of unit 4D4 with 4A clasts
						in matrix of 4D4. Remainder of unit 4A0 phyllites
L	1896	1908		22	4G4*	(4D46, 4L3) Essentially 4G4 becoming
						in places more siliceous to 4D46. Weak reaction
						to 10% HCl. 4L3 @ 189.7 (0.3m), 190.2 (0.2m)
L	1908	1922		22	4C0	(4D0) Bx. Highly bx pyritic 4C weakly
						cemented by ankerite!
L	1922	1930		22	4G4*	weakly reactive to 10% HCl. Bx @ 192.6 (0.3m)
L	1930	1944		22	4L2	pyritic 4L breaking into poker chips 1st
						0.4m of unit 15% py remainder < 5% py m.sph.gn.

DDH 75-A092 (2 8) **Cyprus Anvil Mining Corp.**

Structural Log

Logged By: PN

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	1 10 14	16 20	22 24	26	28 32	34 38	
O	1.						O/B 0 - 49.4m
							R region 49.4 - 56.7m; 92 readings not determinable in this region since sulphide have been split & sampled;
S	5167	IF12	R				S sym. 56.7 - 65.0m; minn scattered P regions;
S	5167	C S12				61 2310	
S	6112	C S12				38 2310	
S	6150	IF12	E				Z sym. 65.0 - 67.0m; minn S sym;
S	6450	C S12				516 2310	
S	6170	IF12	3				S sym. 67.0 - 68.6m;
S	6184	C S12				3A 2310	
S	6866	IF12	E				Z sym. 68.6 - 69.6m;
S	6996	IF12	3				S sym 69.6 - 71.8m; minn P regions;
S	7111	C S12				47 2310	
S	7118	IF2	E				Z sym. 71.8 - 73.2m; minn P regions;
S	7332	IF12	3				S sym. 73.2 - 98.1m; minn Z sym 76.6 - 76.8m; minn intermittent P & R regions;
S	7772	C S12				410 2310	
S	8129	C S12				48 2310	
S	8777	C S12				44 2310	
S	9255	C S12				415 2310	
S	9779	C S12				57 2310	
S	9881	IF12	E				Z sym. 98.1 - 119.8m; Scattered P regions as well;
S	10107	C S12				516 2310	
S	10655	C S12				610 2B10	
S	11118	C S12				610 2310	
S	11160	C S12				315 2310	
S	11198	IF12	3				S sym. 119.8 - 130.5m; minn P & R regions
							Z sym at 127.4 & 129.9m;
S	12122	C S12				40 2310	
S	12772	C S12				43 2310	
S	13105	IF22					R region 1305 - 155.1m; very minor

DDH 75-A09.2 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Logged By: PN

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_1 Dip (28–32)	S_1 Direct. (28–32)	S_2 Dip (34–38)	S_2 Direct. (34–38)	Description
									S & Z sym;
S		1336	PS2				55	230	
S		1383	PS2				54	230	
S		1451	PS2				64	230	
S		1517	PS2				55	230	
S		1550	PS2				53	230	
S		1551	F2	R					Z sym. 155.1 – 166.1m; minor R regions;
S		1607	CS2				43	230	
S		1657	CS2				73	230	
S		1661	F2	Z					M region 166.1 – 169.5 m; S/Z = 70/30
S		1692	CS2				71	230	
S		1695	F2	M					P region 169.5 – 174.4m;
S		1743	PS2				73	230	
S		1744	F2	P					R region 174.4 – 177.5m;
S		1774	PS2				54	230	
S		1775	F2	R					M region 177.5 – 181.5m;
									S/Z = 40/60; minor R region 179.6 – 180.2
									minor scattered P regions;
S		1814	CS2				52	230	
S		1815	F2	M					R region 181.5 – 195.5m; ½ are M.
									sulphides;
S		1824	PS2				49	230	
S		1851	PS2				52	230	
S		1935	PS2				58	230	
S		1955	PS2				78	230	
S		1955	F2	R					S sym. 195.5 – 202.7m; minor Z
									sym. at 196.2m; few scattered P regions;
									D at 198.1m;
S		2004	CS2				58	230	
S		2018	CS2				54	230	
S		2027	F2	S					R region 202.7 – 204.0m;
S		2040	F2	R					Z sym. 204.0 – 216.3m; minor S sym
									at 205.6, 214.5m; D at 214.8m;
									few scattered P regions;
S		2073	CS2				80	230	
S		2129	CS2				58	230	

DDH 25-A092 Cyprus Anvil Mining Corp. Page 8 of 9

Structural Log Logged By: PN

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		124.16	CSIZ			619 2310	
S		124.63	FIZ				
S		127.18	PISIZ			811 2310	R region 216.3 – 288.6m;
S		122.83	PSIZ			67 2310	
S		123.07	PISIZ			612 2310	
S		123.58	PSIZ			25 2310	
S		123.74	PISIZ			413 2310	
S		124.03	PISIZ			316 2310	
S		124.50	PISIZ			414 2310	
S		125.17	PSIZ			513 2310	
S		125.84	PISIZ			418 2310	
S		126.76	PISIZ			615 2310	
S		127.49	PSIZ			512 2310	
S		127.79	PISIZ			513 2310	
S		128.32	PISIZ			717 2310	
S		129.47	PSIZ			717 2310	
S		129.84	PISIZ			615 2310	
		EOH					

Sect 74W

Orig

DDH 75-A092 Cyprus Anvil Mining Corp

Page 9 of 9

Logged by TBT

ASSAY LOG (SAMPLER'S COPY)

Date Aug 14/81

Sampled by

Smetres

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	494	515	9257	21	12	4D4	(4L14, 4C0)
P	515	538	9258	23	22	4D4	
P	538	557	9259	19	12	4D4	(4E4, 4L1)
P	557	567	9260	10	07	4A0	(4D4)
P	1896	1908	9261	12	12	4G4*	(4D46, 4L3)
P	1908	1922	9262	14	12	4C0	(4D0) Bx
P	1922	1930	9263	08	08	4G4*	
P	1930	1944	9264	14	14	4L2	

DDH FAGA092 (2 8) M.

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	
	1494	1511	BX					
	1538	1557	BX	6				
	1120	1121	GX					
	1181	1182	GX					
		1283	GX					
		1348	SX					
		1379	SX					
		1469	SX					
	1564	1566	GX					
		1840	GX					
	1871	1889	GPX	4				
	1908	1922	XX					
		1926	XX					
	2163	2204	GX					
		2233	SX					
		2236	SX					
	2282	2292	SX					
	2307	2323	SX					
	2330	2375	SX					
	2410	2411	GX					
	2468	2472	SX					
	2484	2485	SX					
	2492	2497	SX					
	2527	2534	SX					
	R544	2560	SX					
	2581	2585	SX					
	2651	2665	GX					
	2780	2782	GX					
	2847	2851	GX					

DDH: FAGA092 -- 42 DEGREE PROFILE

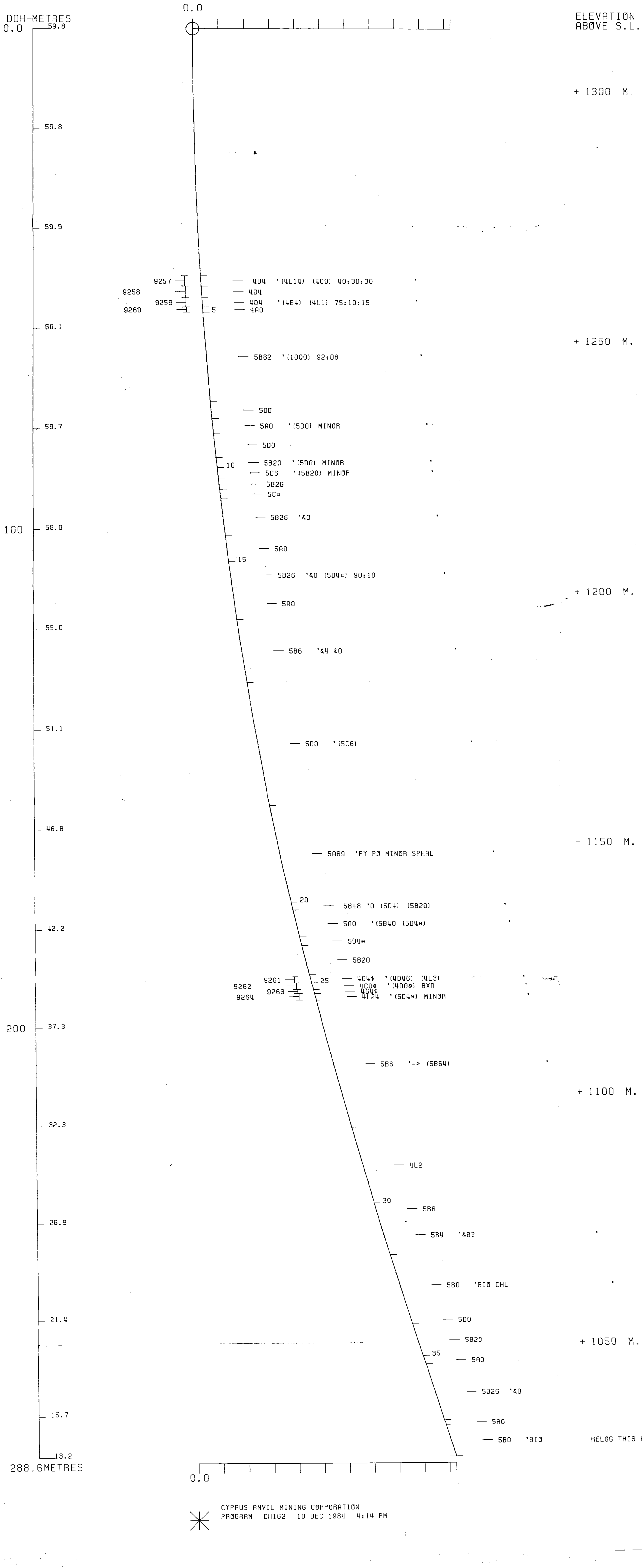
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1301 592424E ; 905126N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 678.7 Z = 1312.5

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 10 DEC 1984 4:14 PM

DDH: FAGA092 -- 42 DEGREE PROFILE

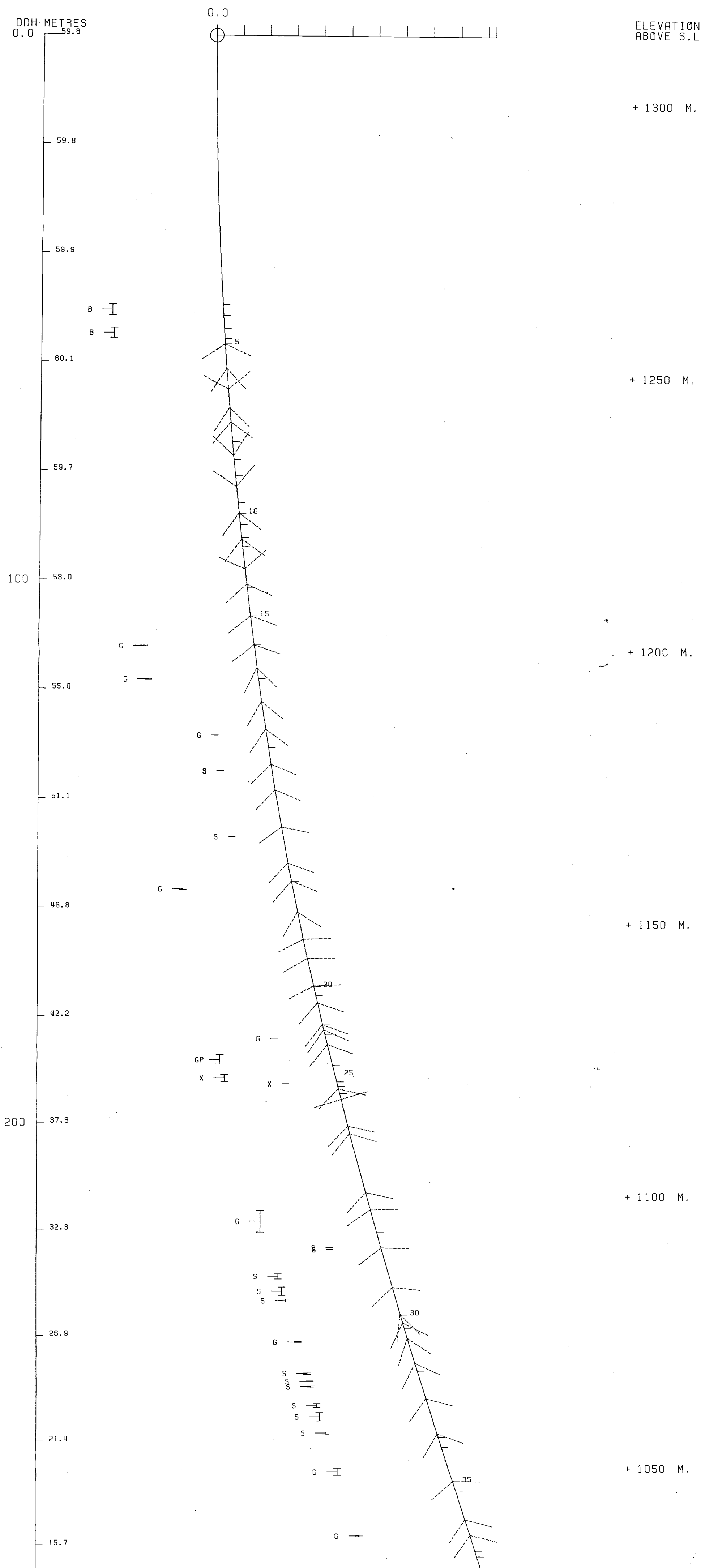
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1301 592424E ; 905126N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 678.7 Z = 1312.5

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 10 DEC 1984 4:25 PM

FAGA095

DRILL HOLE : FAGA095
NORTHING : 905,038.1
EASTING : 592,427.7
ELEVATION : 1,302.8
TOTAL DEPTH : 213.4
SECTION : W 72
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: 7
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 35
NOS DOWN-H-STRUCTURE: 23
NOS DOWN-H-FAULTS: 17
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

DDH: FAGA095 UTM-N: 905,038.1 UTM-E: 592,427.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 213.4 SECTION: W 72
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	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
57.0	57.9	06129	.9	.6	4A4	3.43	.05	4.99	8.99	75.00		1.10	1	12	14						
57.9	58.8	06130	.9	.9	4D4	4.00	.06	11.20	20.00	160.00		1.78	1	15	16						
58.8	60.4	06131	1.6	.9	4LD	3.14	.02	2.41	4.48	44.00		.62		8	8						
60.4	61.6	06132	1.2	.9	4A4	3.15	.02	2.20	3.17	36.00		.89		8	9						
61.6	63.0	06133	1.4	1.0	4DE4	3.97	.12	5.24	8.75	98.00		1.23	1	18	19						
63.0	63.8	06134	.8	.6	4LD	3.26	.04	3.43	6.66	52.00		.41	4	5	9						
63.8	65.4	06135	1.6	1.6	4A4	3.44	.10	4.46	8.18	75.00	74.00	.96	1	14	15						
WEIGHTED AVERAGE																					
57.0	65.4		8.4	6.5		3.47	.06	4.55	8.06	74.27	14.09	.98	1	11	13						

DDH: FAGA095 UTM-N: 905,038.1 UTM-E: 592,427.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 213.4 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
73.200	178.000	83.000
134.100	165.700	104.000
195.100	159.200	88.000

DDH: FAGA095 UTM-N: 905,038.1 UTM-E: 592,427.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 213.4 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
57.0	0001	#		0.5-	1
57.9	0002	4A4		0.5-	1
58.8	0003	4D4		0.5-	1
60.4	0004	4L4	(4D4)	0.5-	1
61.6	0005	4A4		0.5-	1
62.5	0006	4D4	(4E1)	0.5-	1
63.0	0007	4E1	(4D4) 80:20	0.5-	1
63.8	0008	5D4@	(4D42) [4L@]	0.5-	1
65.4	0009	4A4	(4D4) (4EC &4) BXA	0.5-	1
75.3	0010	5A6	(4L3)	0.5-	1
76.4	0011	5D4@	[4L@]	0.5-	1
79.1	0012	5A6	GOUGE	0.5-	1
83.0	0013	5B6		0.5-	1
85.6	0014	5B26		0.5-	1
88.1	0015	5B26	GOUGE	0.5-	1
92.0	0016	5B26		0.5-	1
96.7	0017	5B6	(5B86) (5D6)	0.5-	1
100.0	0018	5B68	GOUGE	0.5-	1
129.7	0019	5B6	&8	0.5-	1
131.2	0020	5A6	&1	0.5-	1
148.7	0021	3GC	[5B6]	0.5-	1
153.0	0022	10QC		0.5-	1
159.5	0023	5A6		0.5-	1
166.2	0024	5AC		0.5-	1
171.8	0025	5A69	(5AO) [4AC]	0.5-	1
172.8	0026	4LC	(4A4)	0.5-	1
173.9	0027	5B6	[3GO]	0.5-	1
175.0	0028	4LO		0.5-	1
177.1	0029	5B6	[3GO]	0.5-	1
177.9	0030	5B46		0.5-	1
179.7	0031	4LO	[3G4 SPECKLE]	0.5-	1
183.4	0032	5B6	&4	0.5-	1
184.9	0033	4LC	[3G4 SPECKLE]	0.5-	1
198.4	0034	5B6	GOUGE	0.5-	1
213.4	0035	4LC		0.5-	1

DDH: FAGA095 UTM-N: 905,038.1 UTM-E: 592,427.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 213.4 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
FAGA095	0.0	57.2	CS2		0	0	0	0	19	230	C	1	1	1
FAGA095	0.0	62.0	S0		21	0	0	0	0	230	C	1	0	C
FAGA095	0.0	68.3	CS2		0	0	0	0	63	230	0	1	1	1
FAGA095	0.0	76.0	CS2		0	0	1	C	60	230	0	1	1	1
FAGA095	0.0	83.2	CS2		0	0	0	0	57	230	C	1	1	1
FAGA095	0.0	96.0	CS2		0	0	57	0	62	230	C	1	1	1
FAGA095	0.0	103.0	CS2		0	0	0	0	50	230	C	1	1	1
FAGA095	0.0	108.9	CS2		C	0	36	C	45	230	C	1	1	1
FAGA095	0.0	115.0	CS2		C	0	0	C	52	230	C	1	1	1
FAGA095	0.0	121.0	CS2		0	0	81	0	67	230	C	1	1	1
FAGA095	0.0	125.6	CS2		0	0	0	C	54	230	C	1	1	1
FAGA095	0.0	132.0	CS2		0	0	40	0	64	230	C	1	1	1
FAGA095	0.0	138.0	CS2		0	0	0	C	74	230	C	1	1	1
FAGA095	0.0	144.0	CS2		0	0	0	C	46	230	0	1	1	1
FAGA095	0.0	154.0	CS2		0	0	C	C	54	230	C	1	1	1
FAGA095	0.0	159.1	CS2	Z	0	0	87	0	74	230	C	1	1	1
FAGA095	0.0	165.0	PS2		0	0	0	C	55	230	0	1	1	1
FAGA095	0.0	171.0	PS2		0	0	0	0	70	230	C	1	1	1
FAGA095	0.0	177.0	CS2	Z	0	0	86	0	60	230	C	1	1	1
FAGA095	0.0	183.0	CS2		C	0	0	C	57	230	C	1	1	1
FAGA095	0.0	199.0			0	0	18	180	8	230	C	1	1	1
FAGA095	0.0	206.5			0	0	0	0	30	230	0	1	1	1
FAGA095	0.0	213.0			0	0	0	0	70	230	C	1	1	1

DDH: FAGAC095 UTM-N: 905,038.1 UTM-E: 592,427.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 213.4 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
FAGAC95	0.0	57.9	XD?		0	0	0	0	0	0	1
FAGAC95	60.4	61.6	B		0	0	0	0	0	0	1
FAGAC95	61.6	63.0	XD?		0	0	0	0	0	0	1
FAGAC95	63.8	65.4	XD?		0	0	0	0	0	0	1
FAGAC95	76.4	79.1	G		0	0	0	0	0	0	1
FAGAC95	85.6	88.1	G		0	0	0	0	0	0	1
FAGAC95	90.0	90.5	1G		99	999	0	0	0	0	1
FAGAC95	96.7	100.0	G		0	0	0	0	0	0	1
FAGAC95	125.1	125.6	G		0	0	0	0	87	310	1
FAGAC95	0.0	140.6	1G		0	0	0	0	0	0	1
FAGAC95	148.7	153.0	QG		0	0	0	0	0	0	1
FAGAC95	155.2	155.4	1G		46	0	0	0	0	0	1
FAGAC95	0.0	158.1	1G		0	0	0	0	0	0	1
FAGAC95	166.2	171.8	X?		0	0	0	0	0	0	1
FAGAC95	171.8	172.8	G		90	0	0	0	0	0	1
FAGAC95	184.9	198.4	G		30	0	0	0	0	0	1
FAGAC95	0.0	209.0	1G		0	0	0	0	0	0	1

DDH: FAGA095 UTM-N: 905,038.1 UTM-E: 592,427.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 213.4 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA095	1	2
FAGA095	2	2
FAGA095	3	2
FAGA095	4	1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 8

DIAMOND DRILL CORE LOG

Date: 24 May/81

Hole Number: FAGA095

Reference Fabric Orientation Diagram:

Project: GRUM

Location: SECTION 72W

Claim:

Terr. Plane Co-ords.: 6905038.1 N

~~UTM~~ 1979 HIW Orthophoto survey

592427.7 E

Grid Co-ords:

All symmetry determinations looking

Elevation: 1302.8

_____ with _____ dipping

Total Depth:

_____ with dip azimuth _____.

Purpose: RE-LOG GRUM

Reason hole Terminated:

Logged by: GG

Date(s) Logged: 23-24 May/81

Drilling Contractor:

CORE Size	From	To

Collar Cased and Capped: _____

Hole Cemented:

Steel down hole:

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 7.5-A.095 (2–8)

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	7.5-A.095	1302.8	9050381.1	592427.7	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	7.5-AD95	0 0	180.0	0.0	ATCOLLAR
R	7.5-A.095	73.2	178.0	83.0	SPERRY SUN
R	7.5-A.095	134.1	165.7	104.0	
R	7.5-A.095	195.1	159.2	88.0	
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 F.A.G.A.09.5 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 3 of 8

Date: 23/5/81 Logged By: GG CHECK PN

UNITS = METERS

Code	From	To	Recov.	No.	Unit	Description	FOOTWALL CONTACT TYPE	X
	10 14	16 20	22 24	26 28	30 34	35		
L	0.0	5.70		001	*	OVERBURDEN	—	
L	5.70	5.79		2	4A4	E/W CONTACT GRADES THROUGH "COMPACTION" BRECCIA → 4A4 GRADES THROUGH 10cm ZONE OF DISRUPTED BUT ALIGNED 4A4 CLASTS IN (4D4)	GRADES	
L	5.79	5.88		3	4D4		RUBBLE	
L	5.88	6.04		4	4L4	+ (4D4) + ONE GREEN EARN GROUP-LIKE CHERT CLAST - PROB A FAKE	GOUGE	
L	6.04	6.16		5	4A4	ALL BROKEN UP IN CORE BOX	RUBBLE	
L	6.16	6.25		6	4D4	+ (4E1); SULPHIDES OCCUR PREDOMINANTLY AS A FINE (2-5m) (SEPARATION) STOCKWORK THROUGHOUT; E/W 20cm AN OPEN BRECCIA OF 0.5-1.0cm 4L4 + 4D41 CLASTS IN A HEAVY SPHAL 4D4 MATRIX;	RUBBLE	
L	6.25	6.30		7	4E1	+ (4D4) → 62.9-63.0 - FINE STOCKWORK AS UNIT 6;	RUBBLE	
L	6.30	6.38		8	4L5	+ (4D42); 20% BROWN ANKERITE; 0.1% FUCHSITE;	RUBBLE	
L	6.38	6.54		9	4A4	+ (4D4) + (4E0/4E4); BRECCIATED → (4D4) + (4E0/4E4) ROTATED CLASTS IN SULPHIDE HEALED MATRIX AND FINE STOCKWORK BRECCIATED 4A4; POSS. A SULPHIDE-HEALED FAULT;	RUBBLE	
L	6.54	7.53		10	5A6	+ (4L3); 30% GRAPHITE 5A6;	10cm GOUGE	
L	7.53	7.64		11	4L5	5% ANKERITE;	QZ-VN	
L	7.64	7.91		12	5A6	GOUGE ZONE	4cm GOUGE	
L	7.91	8.30		13	5B6			11 Sz
L	8.30	8.56		14	5B26		—	
L	8.56	8.81		15	5B26	GOUGE ZONE	—	
L	8.81	9.12		16	5B26	GOUGE 90.0 - 90.5 m		11 Sz
L	9.12	9.67		17	5B6	+ (5B86) + (5D6)	GOUGE	
L	9.67	10.00		18	5B68	50% OF UNIT = GOUGE	QZ VN	

DDH F.A.G.A.0.9.5 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 23/5/81 Logged By: GG

UNITS = METERS

Code	From	To	Recov.	No.	Unit	Description	FOOTWALL CONTACT TYPE	X
1	10–14	16–20	22–24	26–28	30–34	35		
L	1000	1297		19	5B6	+(5B86); SEVERAL THICK (2-10cm)	0.4m QZ VN	
						QZ VNS BOTTOM HALF OF UNIT;		
						GOUGE 125.1-125.6m		
L	1297	1312		20	5A6	+(5A16)		‖S2
L	1312	1487		21	3G2	[5B6] + (3D3③) + (5B6 - FINE GRAINED)	—	
						↳ CONTAINS SOFT, LIGHT		
						BROWN CLAY + SERICITE;		
						SILICEOUS - ANK GOUGE @		
						140.6-140.7m		
L	1487	1530		22	10Q0	+40% GOUGE + 20% 5A6;	—	
L	1530	1595		23	5A6	30% CARBON; GOUGE @ 158.0-158.2		‖S2
L	1595	1662		24	5A3	20% CARBON; GOUGE @ 163.3-163.4m		‖S2
L	1662	1718		25	5A69	[4A0] + (5A3); ~1% PY;	GOUGE	
						MOST PY IS FRACTURE-FILL		
						RATHER THAN STRATIFORM		
						AS EXPECTED FOR 4A0 → THIS		
						IS A TRANSITION BETWEEN		
						"BLACK HOLE" 5A & ORE 4A0;		
L	1718	1728		26	4L0	+(4A4); 50% OF UNIT = GOUGE		
L	1728	1739		27	5B6	[3G2]		~‖S2
L	1739	1750		28	4L0			‖S2
L	1750	1771		29	5B6	[3G2] - V. SERICITIC;	QZ VN	
L	1771	1779		30	5B46			‖S2
L	1779	1797		31	4L0	0.2% SMALL (1-2mm) LIGHT	3cm GOUGE	
						BROWN CLAY SPOTS - POSS.		
						WEATHERING SPHAL?		
L	1797	1834		32	5B6	+(5B46)	4L0 BRECCIA CNT 5B 4L S2	‖S2
L	1834	1849		33	4L0	BROWN CLAY SPOTS & Mn-STAIN NEAR	GOUGE	
						H/W;		
						+(4L4) @ 184.4-184.9		
L	1849	1984		34	5B6	+(4L0) → 80% OF UNIT = GOUGE	—	
L	1984	2134		35	4L0	VERY SERICITIC (VERY LITTLE	—	
						ELSE PRESENT!) GOUGE @		
						209.0-209.1 CONTAINS		
						1% SPHAL; WHY DID K.A. STOP HERE?		

END OF HOLE @ 213.4m

DDH EAGA095 (2 / 8)

Cyprus Anvil Mining Corp.

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~~Lithologic Log~~ GEOTECH

Date: 23/5/81 Logged By: GG

UNITS = METERS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	57.0					HANGINGWALL = OVERBURDEN (GLACIAL BOULDER TILL)
		65.4				FOOTWALL → (SA6)
						ORE: HIGHLY GRAPHITIC, BROKEN UP PHYLLITE - PREDOMINANTLY SLATY RUBBLE IN CORE BOX; 0m – 3m

C.A.M.C. 1981 – E-3

DDH EAGA095 (2/8) **Cyprus Anvil Mining Corp.** Page 6 of 8

Structural Log Date: 24/5/81 Logged By: GG

UNITS = METERS

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		517	C S 2				119 2310	S-BANDS & C-STREAKS
S		620	C S 2		211			S-BANDS; CLEAVAGE @ (=S_2?)
								@ 22/270° W.R.T. S_0
S		683	C S 2				63	
S		760	C S 2			010 1010	610	M-REGION - NOTE - HERE
								COMPOSITIONAL BANDING
								IN 4L = $S_1 \rightarrow S_2$ IS
								NOT ALWAYS APPARENT!
								LOCAL GOUGES $\parallel S_2$
S		832	C S 2				517	
		856						GOUGE H/W @ 50° TO C.A
		881						F/W ?
		904					517	GOUGE H/W $\parallel S_2$
								F/W ?
S		960	C S 2			517 1010	612	
	967	1010						SEVERAL GOUGES - CNTS?
S		1030	C S 2				510	
S		1089	C S 2			316 1010	415	
S		1150	C S 2				512	
								QZ VN @ H/W @ $\parallel S_2$
S		1211	C S 2			811 1010	617	F/W ?
		1251						GOUGE H/W ?
S		1256	C S 2				514	F/W (QZ VN) @ 87/310 TO S_2
S		1312	C S 2			410 1010	614	
S		1380	C S 2				714	
S		1440	C S 2				416	
	1487	1530						GOUGE - CNTS?
S		1540	C S 2				514	
	1552	1554						GOUGE - H/W @ 46/00 / F/W?
	1580	1582						GOUGE - CNTS?
S		1591	C S 2	Z		817 1010	714	
S		1650	P S 2				515	
S		1710	P S 2				710	
	1718	1728						GOUGE - H/W @ 90° TO C.A. / F/W?

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

DDH E.A.G.A.095 (2–8)

UNITS = METERS

Cyprus Anvil Mining Corp.

Structural Log

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Date: 23/5/81 Logged By: GG

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip (28–32)	S_0 Direct.	S_1 Dip (34–38)	S_1 Direct.	S_2 Dip (40–44)	S_2 Direct	Description
S		1770	CS2	Z			86	00	60		
S		1830	CS2						57		? - COMPOSITIONAL
											BANDING → $S_2 = S_1$?
	1849	1984									GOUGES → H/W ~30°/00 WRT S_2
											INTERNAL CNTS VARIABLE
											OR LOST
											F/W ?
S		1990					18	180	08		
S		2065							30		M-REGION ?
S		2130							70		? COMPOSITIONAL BANDS / $S_1 = S_2$?
											END OF HOLE @ 213.4 m.

DDH FAGA095 (2–8) Cyprus Anvil Mining Corp

Page 8 of 8

Logged by GG

ASSAY LOG (SAMPLER'S COPY) Date 23/5/89 Sampled by

UNITS = MET ✓

UNITS = METERS

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10–14	16–20	22–26	28–30	32–34	36–40	42
A	157.0	157.9	61297	09	06	4A4	
A	157.9	158.8	61310	09	11	4D4	
A	158.8	160.4	61311	16	09	~~4LA~~	+(4D4) 4LD
A	160.4	161.6	61312	12	09	4A4	
A	161.6	163.0	61313	14	10	~~4D4~~	+4E1 4DE4
A	163.0	163.8	61314	08	06	~~4LE5~~	+(4D42) 4LD
A	163.8	165.4	61315	16	16	4A4	+(4DE4)

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

Metres

FAULT

DDH FAGA09-5 (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
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1579		XIDI?					4AO clasts in 4D4
								10cm zone
F	1604	1616	BI					all broken
F	1616	1630	XIDI?					sulphides as stockwork in
								high sphal 4D4 matrix —
								am ageny bxa
F	1638	1654	XIDI?					bxa rotated 4D4 & 4E
								clasts in sulphides healed
								matrix fine bxiated
								4A4
F	1764	1791	G					gouge zone
F	1856	1881	G					gouge zone upper 50° C.A.
F	1900	1905	IG		919 919			gouge
F	1967	10100	G					50% unit gouge
F	11215	11256	G				87 31 10	gouge qtz veins at lower cont.
F		11406	IG					gouge 140.6 - 140.7
F	11487	11530	QIG					10Q + 40% gouge
F		11581	IG					gouge 158.0 - 158.2
F	11616	11718	XI?					Py as fracture fill
F	11718	11728	G		910 0100			50% of unit gouge
F	11814	11984	G		310 0010			80% of unit gouge
F		12090	IG					gouge 209.8 - 209.1
F	11552	11554	IG		416 0100			gouge

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

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY VANGORDA, GRUM JOINT VENTURE

D.D.H. No. 75-A95 PAGE 1 of 4

LATITUDE 35 525.06 10828.04 OLD 8N 7735.68

BEARING OF HOLE 0' ~~82°~~ 90° 240' ~~77°~~ 89° 440' 103° 76° 640' 88° ~~69°~~

STARTED July 25, 1975

DEPARTURE 25 379.54 72W

DIP OF HOLE

COMPLETED July 31, 1975

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION 4309.1' 4267'

DIP TESTS

DEPTH Proposed: Ultimate: 213.4m (700')

metres ~~FOOTAGE~~ 1313.41

FROM	TO	DESCRIPTION	Rec. Ft.	Sample No.	metres ~~Footage~~ From	To	Sample Length	Assay Pb	Zn	Ag	Au	Cu	Assay x Feet Pb	Zn	Ag
0	37.2	OVERBURDEN. CASING BW 0-37.2m.													
37.2	44.2	OVERBURDEN -- granite boulders													
44.2	57.0	OVERBURDEN -- triconed													
57.0	66.0	QUARTZ - SULPHIDE ROCK													
		With bleached, massive sulphide and graphitic sections. Heavy core loss due to very broken nature.													
		57.0-57.9 -- hard, competent quartz-sulphide, trace of graphite. F2 very folded. Pyrite 20-25%, lead-zinc 16-18%.	0.7	2216	57.0	57.9	0.9	5.33	9.90	2.18			4.797	8.91	1.962
		-58.8 -- broken quartz sulphide/massive sulphide 40-50% pyrite, 12% (?) lead-zinc	0.4?	2217		58.8	0.9	10.50	16.61	5.06			9.45	14.949	4.554
		-60.4 -- quartz sulphide + sericite. Very broken. 10-12% pyrite, 10% (?) lead-zinc	0.5?	2218		60.4	1.6	3.15	4.15	1.44			5.04	7.20	2.304
		-61.6 -- quartz-graphite phyllite. Very broken. 10-12% pyrite, 8% (?) lead-zinc	0.5?	2219		61.6	1.2	2.03	2.58	1.06			2.436	3.096	1.272
		-63.4 -- very broken mixed rock. Top 1/3 quartz-sulphide; middle 1/3 massive sulphide; last 1/3 bleached barren quartz-sericite rock. 20% pyrite, lead-zinc 8% (?) average.	1.2	2220		63.4	1.8	3.83	6.48	1.76			6.894	11.664	3.168
		-66.0 -- quartz-graphite-sulphide phyllite breccia. 20% pyrite, 12-14% lead-zinc.	1.5	2221		66.0	2.6	5.55	8.53	2.31			14.43	22.178	6.006
			Wt. Average		57.0	66.0	9.0	4.78	7.56	2.14			43.047	67.997	19.266

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY

LATITUDE | BEARING OF HOLE | STARTED

DEPARTURE | DIP OF HOLE | COMPLETED

ELEVATION | DIP TESTS | DEPTH Proposed: Ultimate:

D.D.H. No. 75-A95 PAGE 2 of 4

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
66.0	100.0	FAULTED QUARTZ - SERICITE - GRAPHITE PHYLLITE Medium gray													
		Essentially FAULT ZONE. Very broken with many gouges and minor bleached zones. Minor pyrite.	1.4/ 5.0		66.0	71.0									
		71.0-77.4 -- bleached. F2 from 0-60° to C.A.	2.2/ 6.4			77.4									
		-86.0 -- quartz-sericite phyllite, medium gray, fissile, broken. F2 45-30°.	3.0/ 8.6			86.0									
		-88.1 -- gouge and broken phyllite	7.1/ 8.3			96.4									
		-96.4 -- phyllite as above. Fissile and broken. F2 45-50°.	3.1/ 3.6			100.0									
		-100.0-- gouge and phyllite. Broken. F2 45-60°.			57.0	58.8	1.8	7.92	13.25	3.62	(124.1)		14247	23855	6516
100.0	148.6	QUARTZ - SERICITE PHYLLITE Medium to light gray.			57.0	60.0	3.0	6.01	9.75	94.2			18027	29255	5244
		Essentially as above, but rare broken zones. Well foliated and quite fissile. F1 well displayed in contorted subvertical bands			61.6	66.0	4.4	4.85	7.69	71.5			21324	33842	9174
		F2 well developed with good parallel parting; only rarely folded in core. Numerous fractures 0-40°, sometimes cemented by quartz and/or pyrite. Pyrite disseminated throughout in blebs. Good core recovery. Graphitic zone 129.8-140.													
		100-109.1 -- F2 45°	8.7/ 9.1		100.0	109.1									
		-132.9 -- F2 45-70°. 125-125.6 -- gouge	22.8/ 23.8			132.9									
		-134.1 -- F2 60-70°.	1.2/ 1.2			134.1									
		-138.1 -- F2 70-80°.	4.0/ 4.0			138.1									
		-141.1 -- F2 80°.	3.0/ 3.0			141.1									
		-141.4 -- very broken - minor fault?	0.2/ 0.3			141.4									

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A95 PAGE 3 of 4

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		142.4 -- F2 60°.	7.0/ 7.2		141.4	148.6									
		144.1 -- F2 45°.													
		148.6 -- F2 80°.													
148.6	156.1	FAULT ZONE													
		Very broken rock with gouge. Details below:	2.2/ 4.4		148.6	153.0									
		148.6-149.7 -- black gouge with graphitic phyllite													
		-150.3 -- broken graphitic phyllite; minor pyrite	1.5/ 3.1			156.1									
		-151.9?-- broken white quartz; minor pyrite													
		-152.1 -- broken graphitic phyllite with minor pyrite													
		-152.3?-- broken white quartz with minor pyrite													
		-153.0 -- gray-black gouge													
		-156.1 -- broken, banded, very fissile graphite phyllite.													
		NOTE: graphitic phyllite is similar to unit below.													
156.1	172.0	QUARTZ - GRAPHITE PHYLLITE Banded dark gray													
		Thinly foliated, very fissile, dark but banded rock displaying good F1 foliation especially in the more banded units. F2	15.4/ 15.9		156.1	172.0									
		generally well developed with parallel parting. F2 about 60° to C.A. Fractured, now cemented by quartz and pyrite. Generally													
		competent with minor sheared zones. Pyrite and pyrrhotite disseminated throughout. Sheared zones at 157.9-158.2, 162.8-													
		163 and 171.5-172.0. Minor folds displayed as well.													

DIAMOND DRILL RECORD

LOGGED BY M-. de Quadros

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A95 PAGE 4 of 4

CLAIM No.

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
172.0	184.8	BLEACHED QUARTZ - SERICITE PHYLLITE Light greenish-white.													
		Poorly foliated in very bleached zone, but foliation recognizable elsewhere. F2 may be erratic but overall averages 60-65° to CA	12.0/ 12.8		172.0	184.8									
		Numerous tension fractures. Generally quite competent and hard due to partial silicification. Very minor pyrite in blebs.													
		Part kaolinized. Sheared and gougy at 182.1-182.6.													
184.8	198.4	FAULT ZONE													
		Light gray gouge with some broken graphitic and sericitic rocks.	7.4/ 13.6		184.8	198.4									
198.4	213.4	BLEACHED QUARTZ - SERICITE PHYLLITE Buff													
		Light gray to buff quartz-sericite phyllite with kaolin, talc and muscovite and minor pyrite blebs. Sheared.	12.2/ 15.0		198.4	213.4									
		198.4-202.1 -- F2 0-30° to C.A.													
		-206.5 -- F2 30-45°.													
		-208.0 -- F2 30°.													
		-209.1 -- F2 45°.													
		-209.9 -- F2 20-30° ; brecciated.													
		-213.4 -- F2 45-60°.													
	213.4	END OF HOLE													
		REMARKS: 1. Cemented from bottom upward through rods with 10 bags of cement.													

DDH: FAGA095 -- 42 DEGREE PROFILE

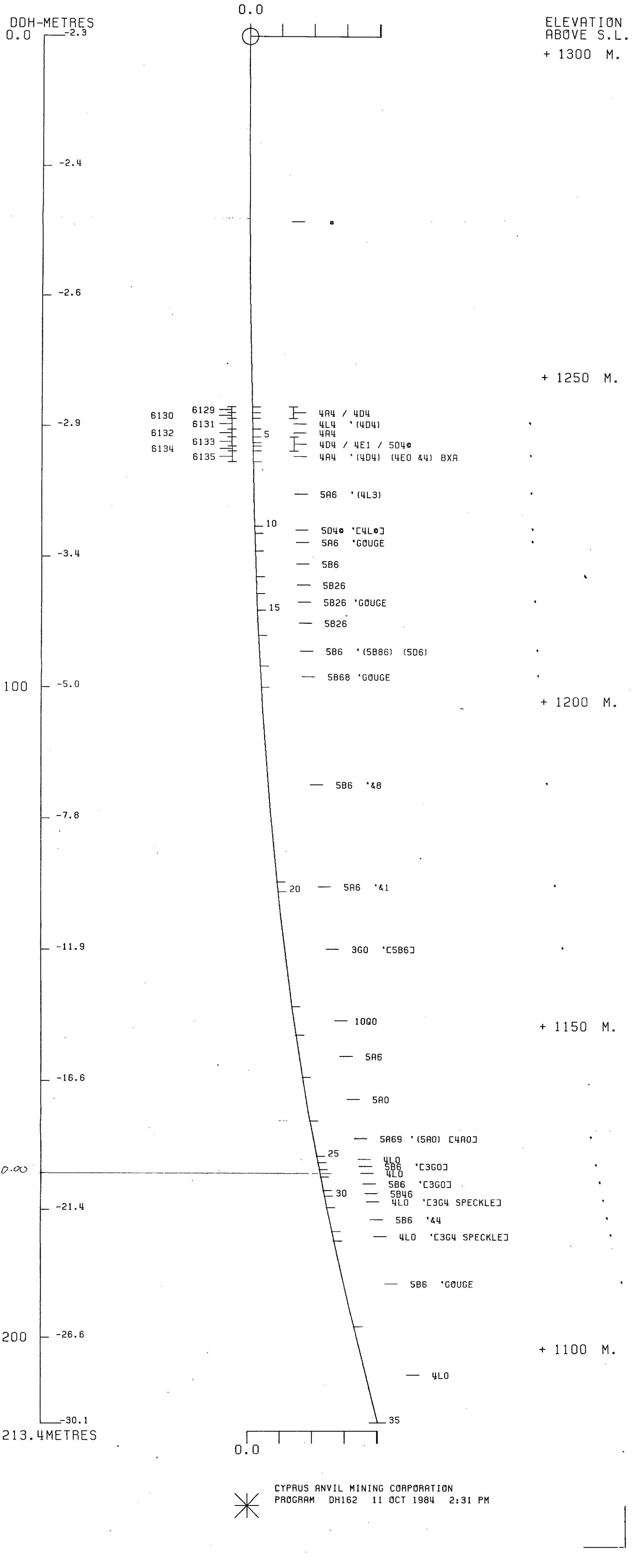
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1303 592428E ; 905038N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 615.6 Z = 1302.4

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 11 OCT 1984 2:31 PM

DDH: FAGA095 -- 42 DEGREE PROFILE

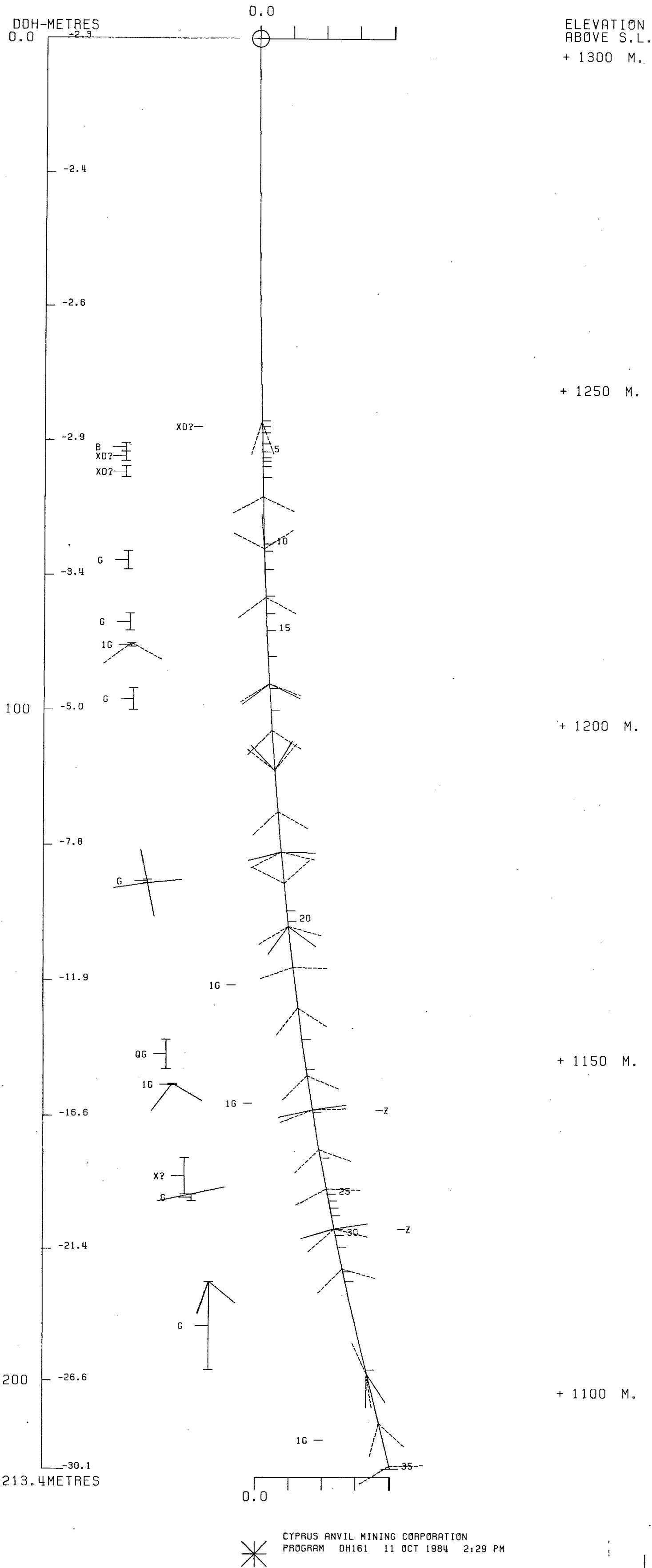
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1303 592428E ; 905038N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 615.6 Z = 1302.4

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 11 OCT 1984 2:29 PM

FAGA 132

DRILL HOLE : FAGA132
NORTHING : 905,018.9
EASTING : 592,407.1
ELEVATION : 1,302.6
TOTAL DEPTH : 144.1
SECTION : W 72
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: 32
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 26
NOS DOWN-H-STRUCTURE: 18
NOS DOWN-H-FAULTS: 19
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

DDH: FAGA132 UTM-N: 905,018.9 UTM-E: 592,407.1 UTM-ELEV: 1,302.6 TOTAL DEPTH: 144.1 SECTION: W 72
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.
70.6	72.8	06584	2.2	2.2	4A13	3.52	.08	2.68	4.49	54.00		.82	1	14	15						
72.8	75.1	06585	2.3	2.2	4D0	4.52	.03	1.83	3.40	28.00		.27	2	7	10						
75.1	77.1	06586	2.0	2.0	4A4	3.56	.01	1.31	4.93	26.00		.34		1	2						
77.1	78.3	06587	1.2	1.0	4A4	3.39	.03	2.98	6.56	49.00		.55	1	6	7						
78.3	79.9	06588	1.6	1.2	4A4	3.38	.03	3.67	6.96	59.00		.69	1	12	14						
82.6	84.7	06589	2.1	1.8	4EA	4.33	.06	1.46	2.09	32.00		.82	1	23	25						
84.7	86.3	06590	1.6	1.5	4EA	3.63	.06	1.99	2.58	44.00	42.00	1.10	1	22	24						
86.3	88.1	06591	1.8	1.8	4EA@	4.34	.05	1.32	1.94	33.00		.96		27	28						
88.1	90.8	06592	2.7	1.6	5D4	3.32	.02	1.69	3.35	33.00		.21	5	6	12						
93.2	94.5	90177	1.3	1.3	4LO			.70	1.65		7.20										
94.5	96.2	06593	1.7	1.5	4D45	2.86	.03	7.04	9.47	121.00		1.10	1	13	15						
96.2	97.3	06594	1.1	1.1	4A4	3.78	.06	6.35	11.80	110.00		1.03	1	8	9						
97.3	98.5	06595	1.2	1.2	4A4	3.84	.14	6.27	13.10	115.00		1.44	1	15	16						
98.5	100.3	06596	1.8	1.7	4A14	3.41	.05	2.61	6.68	53.00		.82		10	11						
100.3	102.7	06597	2.4	2.3	4A14	3.59	.06	2.88	4.67	50.00		.89		11	12						
102.7	104.7	06598	2.0	1.7	4A1	3.37	.06	1.67	3.03	41.00		.89		10	11						
104.7	106.2	06599	1.5	1.5	4A1	3.45	.06	.91	2.47	25.00		.75		10	11						
106.2	108.3	06600	2.1	2.1	4A1	3.36	.09	1.28	3.20	35.00	33.00	.89		15	16						
108.3	110.8	06651	2.5	2.3	4A1	3.01	.03	.99	2.40	22.00		.48	1	6	8						
110.8	112.0	06652	1.2	1.2	4A1	3.61	.02	1.21	2.73	28.00		.48	1	12	13						
112.0	113.9	06653	1.9	1.9	4A1	3.27	.01	1.43	4.27	38.00		.62		12	13						
113.9	116.0	06654	2.1	1.9	4A14	3.34	.01	1.29	3.93	37.00		.69		16	17						
116.0	117.2	06655	1.2	1.2	4A1	3.68	.02	1.15	3.44	36.00		.96	1	22	23						
117.2	118.9	06656	1.7	1.5	4A14	3.24	.02	1.80	5.21	44.00		.55		8	9						
118.9	120.2	06657	1.3	1.3	4A14	3.40	.01	2.09	4.75	52.00		.69			1						
133.4	134.9	90178	1.5	1.5	4A4			4.48	10.56	74.70											
134.9	135.6	06658	.7	.6	4G#	4.80	.01	.80	2.70	30.00		.48		32	33						
135.6	136.3	06659	.7	.6	4A4	3.78	.01	9.92	1.77	168.00		.69	2	14	16						
136.3	137.6	06660	1.3	1.3	4D#	3.70	.04	6.66	1.31	89.00	85.00	.27	1	12	14						
137.6	139.2	06661	1.6	1.6	4A4	3.99	.04	5.95	1.47	120.00		.82	1	10	12						
139.2	140.5	06662	1.3	1.2	4LO	3.16	.01	.39	1.05	9.00		.21		8	9						
140.5	142.3	06663	1.8	1.5	4A4	3.39	.01	2.40	5.70	47.00		.41	1	11	12						
WEIGHTED AVERAGE																					
70.6	79.9		9.3	8.6		3.73	.03	2.38	5.00	41.76		.52	1	8	10						
82.6	90.8		8.2	6.7		3.86	.04	1.60	2.56	34.89	8.19	.70	2	18	21						
93.2	120.2		27.0	25.7		3.21	.04	2.32	4.86	48.04	2.91	.75	1	11	12						
133.4	142.3		8.9	8.3		3.07	.01	4.18	3.89	73.55	12.41	.39	1	10	11						

DDH: FAGA132 UTM-N: 905,018.9 UTM-E: 592,407.1 UTM-ELEV: 1,302.6 TOTAL DEPTH: 144.1 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
91.400	178.000	153.000
143.300	175.000	124.000

DDH: FAGA132 UTM-N: 905,018.9 UTM-E: 592,407.1 UTM-ELEV: 1,302.6 TOTAL DEPTH: 144.1 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
60.1	0001	#		0.5-	1
63.0	0002	556		0.5-	1
70.6	0003	5AC		0.5-	1
72.8	0004	4A13	(4E4) (4A4) BOTH MINOR	0.5-	1
75.1	0005	4DC	SERICITIC -> 4D4	0.5-	1
79.9	0006	4A4	(4A14) (4E41) BOTH MINOR	0.5-	1
82.6	0007	4LC	&3 (4L21) MINOR	0.5-	1
88.1	0008	4E1	(4A31 &4) 50:50 (4D45) MINOR	0.5-	1
90.8	0009	5D4@	(4D4)	0.5-	1
94.5	0010	4LC	&1 (4D4) (10QO)	0.5-	1
96.2	0011	4D45	SERICITIC	0.5-	1
98.5	0012	4A4		0.5-	1
120.2	0013	4A1	&4 &3	0.5-	1
120.7	0014	5B21	6 BIO?	0.5-	1
121.3	0015	4A14		0.5-	1
122.8	0016	5B29	&6	0.5-	1
125.1	0017	5B6	GOUGE	0.5-	1
133.5	0018	5B6	[3GO]	0.5-	1
134.9	0019	4A4	?? NO CORE	0.5-	1
135.6	0020	4G#	(4KO) (4E#) 43:43:14	0.5-	1
136.3	0021	4A4		0.5-	1
137.6	0022	4D#	(4D45) (5D4) BOTH MINOR	0.5-	1
139.2	0023	4A4	(4E4 &#)	0.5-	1
140.5	0024	4LC	(3G91) (4K4#)	0.5-	1
142.3	0025	4A4		0.5-	1
144.2	0026	5A9	&1	0.5-	1

DDH: FAGA132 UTM-N: 905,018.9 UTM-E: 592,407.1 UTM-ELEV: 1,302.6 TOTAL DEPTH: 144.1 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
FAGA132	0.0	54.2	CS2		0	0	0	0	45	230	0	1	1	1
FAGA132	0.0	63.2	CS2		0	0	0	0	47	230	0	1	1	1
FAGA132	0.0	69.7	CS2		0	0	0	0	50	230	0	1	1	1
FAGA132	0.0	71.0	CS2		0	0	0	0	40	230	0	1	1	1
FAGA132	0.0	72.6	CS2		0	0	0	0	24	230	0	1	1	1
FAGA132	0.0	78.4	CS2		0	0	0	0	20	230	0	1	1	1
FAGA132	0.0	80.5	CS2		0	0	0	0	50	230	0	1	1	1
FAGA132	0.0	87.7	CS2		0	0	0	0	52	230	0	1	1	1
FAGA132	0.0	100.2	CS2		0	0	0	0	52	230	0	1	1	1
FAGA132	0.0	105.0	CS2		0	0	0	0	35	230	0	1	1	1
FAGA132	0.0	112.5	CS2		0	0	0	0	57	230	0	1	1	1
FAGA132	0.0	118.0	CS2		0	0	0	0	61	230	0	1	1	1
FAGA132	0.0	122.0	CS2		0	0	0	0	43	230	0	1	1	1
FAGA132	0.0	127.4	CS2		0	0	0	0	62	230	0	1	1	1
FAGA132	0.0	133.3	CS2		0	0	0	0	65	230	0	1	1	1
FAGA132	0.0	137.0	PS2		0	0	0	0	60	230	0	1	1	1
FAGA132	0.0	142.0	CS2		0	0	0	0	50	230	0	1	1	1
FAGA132	0.0	143.0	CS2		0	0	0	0	61	230	0	1	1	1

DDH: FAGA132 UTM-N: 905,018.9 UTM-E: 592,407.1 UTM-ELEV: 1,302.6 TOTAL DEPTH: 144.1 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
FAGA132	61.0	62.8	P1B			0	0	0	0	0	0	1
FAGA132	64.0	65.3	P	1		0	0	0	0	0	0	1
FAGA132	63.0	70.6	PB	6		0	0	0	0	0	0	1
FAGA132	0.0	70.6	GX			0	0	0	0	0	0	1
FAGA132	0.0	79.2	B			0	0	0	0	0	0	1
FAGA132	81.2	81.4	1G			41	0	0	0	56	0	1
FAGA132	0.0	82.1	BR			0	0	0	0	0	0	1
FAGA132	88.1	90.8	B			0	0	0	0	0	0	1
FAGA132	90.8	94.5	GX			0	0	0	0	0	0	1
FAGA132	0.0	108.8	X			0	0	0	0	0	0	1
FAGA132	120.2	120.7	G			35	200	0	0	0	0	1
FAGA132	0.0	121.2	1G			0	0	27	185	0	0	1
FAGA132	122.8	125.1	PG	2		0	0	0	0	0	0	1
FAGA132	125.2	126.3	Q			0	0	0	0	0	0	1
FAGA132	128.9	129.1	G			0	0	0	0	0	0	1
FAGA132	133.5	134.9	NNN			0	0	0	0	0	0	1
FAGA132	0.0	138.8	XD?			0	0	0	0	0	0	1
FAGA132	0.0	142.8	1G			0	0	0	0	0	0	1
FAGA132	0.0	143.8	1G			0	0	0	0	0	0	1

CDH: FAGA132 UTM-N: 905,018.9 UTM-E: 592,407.1 UTM-ELEV: 1,302.6 TOTAL DEPTH: 144.1 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA132	1	2
FAGA132	2	2
FAGA132	3	1

CYPRUS ANVIL MINING CORPORATION Page 1 of 9

DIAMOND DRILL CORE LOG Date: _____

Hole Number: FAG-A132

Project: Grum Relog

Location: Vangorda Plateau

Claim: _____

UTM ~~Terr.~~ Plane Co-ords.: 6905018.9 N

1979 HZW Orthophoto Survey

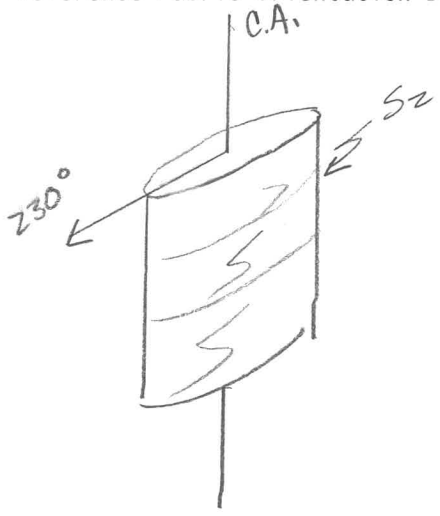
5972407.1 E

Grid Co-ords: 7200W/700N

Elevation: 1302.6

Total Depth: 144.2m

Reference Fabric Orientation Diagram:



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

Purpose: _____

Reason hole Terminated: _____

Logged by: JSM Date(s) Logged: 6/12/81 – 6/13/81

Drilling Contractor: _____

CORE Size	From	To
BQ	50.8	144.2

Collar Cased and Capped: _____

Hole Cemented: no

Steel down hole: _____

Started: 7/30/76 Completed: 8/4/76

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH FAGA132

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	FAGA132	1302.6	9050189	5924071	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGA132	0 0	180.0	0.0	ATCOLLAR
R	FAGA132	91.4	178.0	153.0	SPERRY SUN
R	FAGA132	143.3	175.0	124.0	
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 FAGA132 (2–8)

Cyprus Anvil Mining Corp.

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	10 0	610 1		1	HT	O/B Triconed
L	610 1	630		12	5TB16	(5A19 @ 57.1) ??. rubble (still regolith?) @ 52.5-52.7; Fe-stained rubble @ 55.9, minor gouge @ 59.8 broken core + poor recovery 59.1-61.0 61.0-62.8 again, poor recovery + minor broken core - How much of this is just downward continuation of regolith zone? Faults? lower dtc // cs
L	630	706		3	5TA10	variably calcareous Poor recovery 5.0m/7.6m. (Esp. 64.0-65.3 0.2/1.3 m) Most broken @ 63.4, 67.8, 69.2; + gouged lower dtc 70.5-70.6 (fault dtc?)
L	706	728		4	4TA13	(4E4 70.6-70.9 note slight bxiation @ TOI) (4A4 70.9-71.0) (4A4 + 3Gz finely interbanded 72.6-72.8) lower dtc broken, (by splitting?)
L	728	751		5	4TD10	sericitic → 4D4 sericitic (borderline grade) well banded: ~45:55 sfds: gangue lower dtc broken (by splitting?)
L	751	799		6	4TA14	+3Gz finely interbanded (more grey phyllite than graphite) (4A14 78.7-78.9 no or minimal grey phyllite) broken 79.0-79.4 (4E41 @ 79.4 + 79.7) lower dtc broken
L	799	826		7	4TL10	(4L21 81.2-81.4) (4L31 @ 82.1 in rubbled broken zone) lower dtc rubbled
L	826	881		8	4TEA1	~50:50 4E1: 4A31 ± 4/locally, graphite poor (4D4) (3Gz finely interbanded, ie phyllitic argillite) lower dtc broken
L	881	908		9	5D4*	(4D4) >> small intrds or foldnoses 5D4* = massive orange sericitic ankeritite. Difficult to see this interval due to broken core + splitting. Slight bxiation near EOI lower dtc broken
L	908	945		10	4TL0?	4L0, 4L1, (4D4 sfd bands) (10Q0) gougey partings

DDH F.A.G.A.1.3.2 (2 / 8)

Cyprus Anvil Mining Corp.

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
						some vuggy core. Possible faulting
L	914 5	916 2		1.1	4D4.5	sericitic, high grade (15-20% Pb Zn) orange sphal, lower ctc grad
	916 2	985		1.2	4A4	sfd rich, 3Gz rather than graphite
						lower ctc gradational
L	985	1202		1.3	4A1	±4 (±3Gz finely interbanded locally) ±3
						bxiation w/ graph matrix 108.8-108.9 m
						Lower ctc = fault ctc? 35°/200°
						 Sz kind of converges to ctc
L	1202	1207		1.4	5B21	6 (+biotite?) gougey in spots, lower ctc broken
L	1207	1213		1.5	4A1	vuggy, gousey @ 121.2, gouged lower ctc → caught up in fault slice?
L	1213	1228		1.6	5B29	±6 slightly calcareous in spots, minor py blebs
L	1228	1251		1.7	5B6?	gouge + lost core (.5/2.3 m rec'vy)
						interval ends in thin QQD
L	1251	1335		1.8	5B6	non calc light-gray phyllite
						gouge 128.9-129 + 129.1
						60% QQD 125.2-126.3
						becoming slightly sericitized @ EOI, lower ctc gone
L	1335	1349		1.9	4A?	No core; Met tests
						KA logs not very helpful in determining lithology
						Mention a 5B2 parting @ 134.2-134.8; graphite
						chips left in box
L	1349	1356		2.0	4G4*	(4KQ 134.9-135; 135.3-135.5) (4E* 135.5-135.6)
						4G4* cc. 135.0-135.3 Slightly porous
L	1356	1363		2.1	4A4	+3Gz finely interbanded (almost no graphite, just
						grey phyllite) orange sp Lower ctc gradational
L	1363	1376		2.2	4D4*	cc. minor 4D45 @ 136.6-136.8
						4B4 @ 137.0; 2cm bed of 5D4 w/ masip.
						below the 4B4;
L	1376	1392		2.3	4A4	+3Gz finely interbanded (as unit 20, nearly no graphite)
						orange sphalerite.
						138.5-138.7 → 4E4* cc
						138.8 bxiated + vuggy
						139.1 → 4E4

DDH F.A.G.A.1.3.2 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

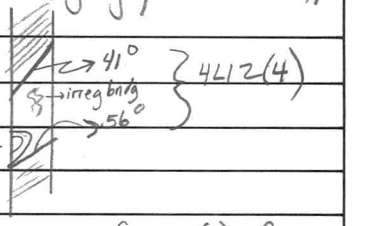
Page 5 of 9

Date: _____ Logged By: JSM

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
L	139 2	140 5		24	4L0	(3G91) (4K4)
						3G91 139.4 - 139.7
						4K4 (calcite) 139.7-140.2 (patchy banding of sfds vs $CO_3^=$)
L	140 5	142 3		25	4A4	(+3G2 finely interbanded); sfd rich @ 140.9, 141.6, 142.3
L	142 3	144 2		26	5A9	±1 sfd rich band @ 142.1
						slight [illegible] @ 142.8 + 143.8
						EOH

DDH F.A.9.A.1.3.2 (2 / 8) Cyprus Anvil Mining Corp. Page 6 of 9

Structural Log Date: _____ Logged By: JSM

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		154.2	C,S,Z				415 2310	
								see lith log for gouge zones + zones of broken core unless an attitude can be taken — then it will be recorded in Structural log
S		163.2	C,S,Z				417	
S		169.7	C,S,Z				510	
S		171.0	C,S,Z				410	comp bndg in 4A
S		172.6	C,S,Z				214	comp bndg in 4A } perhaps S_1 hard to tell in these split pieces
S		178.4	C,S,Z				210	" " " " }
S		180.5	C,S,Z				510	
								81.2 - 81.4 sfd bearing siliceous 4L in otherwise barren + somewhat gougey 4LO cts // S_2
								
								possible fold nose (??) of 4LO
S		187.7	C,S,Z				512	
								cts btwn 504 + 4D in unit #9 are stp e.g. 38° to C.A.
S		201.0	C,S,Z				512	comp bndg (prob S_2) in 4A
S		201.5	C,S,Z				315	" " in 4A
S		211.2	C,S,Z				517	in 4A
S		211.8	C,S,Z				611	in 4A
								27°/185° possible fracture attitude @ 121.2 in fault zone
S		121.2	C,S,Z				413	
S		127.4	C,S,Z				612	
S		133.3	C,S,Z				615	
S		137.0	P,S,Z				610	comp bands in sfd
S		142.0	C,S,Z				510	" " " 4A (S_2)
S		143.0	C,S,Z				611	

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

possible fold nose (E) @ 143.3

DDH FAGA132 Cyprus Anvil Mining Corp

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Logged by JSM

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
A	706	728	65184	22	22	4A13	
A	728	751	65185	23	22	4D0	sericitic (4D4)
A	751	771	65186	20	20	4A4	
A	771	783	65187	12	10	4A4	
A	783	799	65188	16	12	4A4	
A	826	847	65189	21	18	4EA	
A	847	863	65190	16	15	4EA	
A	863	881	65191	18	18	4EA	
A	881	908	65192	27	16	5D4*	(4D4)
A	945	962	65193	17	15	4D45	
A	962	973	65194	11	15	4A4	(3G2)
A	973	985	65195	12	14	4A4	(3G2)
A	985	1003	65196	18	17	4A14	±4 ±3G2
A	1003	1027	65197	24	23	4A14	±4 ±3G2
A	1027	1047	65198	20	17	4A1	±4 ±3G2
A	1047	1062	65199	15	15	4A1	±4 ±3G2
A	1062	1083	66010	21	22	4A1	±4 ±3G2
A	1083	1108	66511	25	23	4A1	±4 ±3G2
A	1108	1120	66512	12	16	4A1	±4 ±3G2
A	1120	1139	66513	19	20	4A1	±4 ±3G2
A	1139	1160	66514	21	19	4A14	±4 ±3G2
A	1160	1172	66515	12	18	4A1	±4 ±3G2
A	1172	1189	66516	17	15	4A14	±4 ±3G2
A	1189	1202	66517	13	15	4A14	±4 ±3G2
A	1349	1356	66518	07	06	4G4*	(4K0)
A	1356	1363	66519	07	06	4A4	+3G2
A	1363	1376	66610	13	15	4D4*	
A	1376	1392	66611	16	16	4A4	
A	1392	1405	66612	13	12	4L0	(3G21) (4K4)
A	1405	1423	66613	18	15	4A4	

Meters

DDH FAGA 132 (2 / 8)

Cyprus Anvil Mining Corp.

FAULT

Structural Log

Page _____ of _____

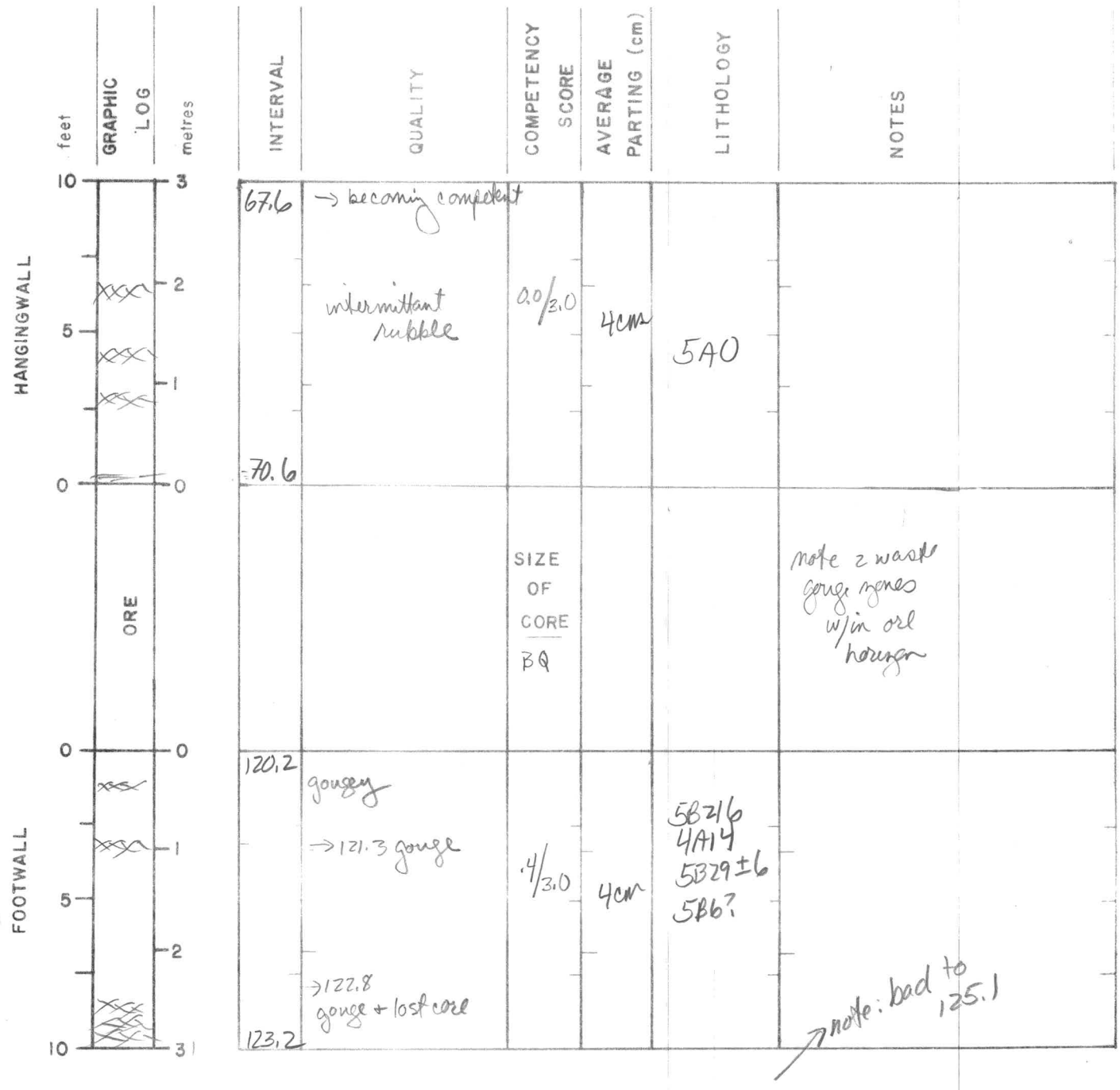
Date: _____ Logged By: _____

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	1610	1628	P1/B					brkn core + poor recovery
F	1630	1706	PB	6				5.0/7.6 recovery / broken
F	1640	1653	P1	1				0.2/1.5 recovery
F		1706	GX1					bxiated & some gouge
F		1719	B1					brkn 79.0-79.4
F		1812	BR					rubble - brkn zone
F	1881	1908	B1					brkn core
F	1908	1945	GX1					bxiation @ TOI, gouge throughout
F		11018	X1					bxa w/ graphite matrix 108.8-108.9
F	11210	11207	G1		315 2010			gouge in spots
		11212	1G			217/185		gouge
F	11212	11251	PG	2				gouge + lost core 0.5/2.3 recovery
F	11215	11263	Q1					60% qtz veins
F	11218	11219	G1					gouge
F	11313	11349	NMM					KA sample - No core
F		11388	XID?					bxiated & vuggy in 4E
F		11428	1G					} slight gouge
		11438	1G					
F	1812	1814	1G		41/0100		56/000	4L in otherwise barren to somewhat gouge 4L0 // S_2 contacts
F								

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

DDH- FIAIGIAI113121

GEOTECHNICAL LOG



DDH- FIAGA1132

GEOTECHNICAL LOG

feet	GRAPHIC LOG	metres	INTERVAL	QUALITY	COMPETENCY SCORE	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
10	HANGINGWALL	3	130.5					
		2			.79/3.0	7cm	5B6	
5		1		132.7 minor gouge otherwise competent				
0		0	133.5					
	ORE				SIZE OF CORE			
0		0	142.3	fairly competent				
	FOOTWALL				.19			
5		1				30cm	5A9±1	
		2	144.2	EOH				
10		3						

DIAMOND DRILL RECORD

LOGGED BY STANELY B. REAMSBOTTOM

D.D.H. Nº A-132 PAGE 1

PROPERTY GRUM JOINT VENTURE, Y.T.

	co-ords	grid
LATITUDE	10,809.446	7N
DEPARTURE	7,714.553	72W
ELEVATION	1313.255	SURFACE

STARTED JULY 30/76 n.s.

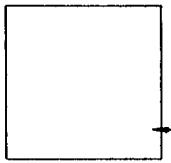
COMPLETED AUGUST 4/76 d.s.

PROPOSED DEPTH 121.9m

ULTIMATE DEPTH 144.2m

HOLE SURVEY:

DEPTH	BEARING	DIP
COLLAR		-90°
300' 91.4m	157°	-88°
470' 143.3m	122°	-85°



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

CLAIM Nº

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	50.8	OVERBURDEN													
50.8	63.2	GREY QUARTZ-SERICITE PHYLLITE (S)	3/5.0		50.8	55.8									
		Thin laminae (1-2cm) of quartz alternate with gray sericite.	3/5.0		55.8	60.8									
		Thin rusty weathering carb. in veins. Thin mud seam at 60.1m	1.8/2.4		60.8	63.2									
		CA: 51=F_2 51; 54=51; 56=67; 60=82; 62=72.													
63.2	70.6	BLACK QUARTZ-GRAPHITIC PHYLLITE (G)	6/7.4		63.2	70.6									
		Thin quartz laminae alternate with black graphitic sericite													
		laminae. Minor blebs stringers of py. Cream carbonate veins													
		F_2 dominant. Small-scale F_2 folds 65.3-68.0													
		CA: 64=42; 66=50; 68=32 F_1 sub-v; 70=46													
70.6	79.9	RIBBON BANDED QUARTZ-GRAPHITIC SULPHIDE (G) ZONE, with thin													
		unit of white quartz-sericite-sulphide (73.4-75.1) (PB).													
		Thin (1-8mm) qu-sulphide laminae alternate with dark graph.													
		laminae (1-5mm). White qu-sericite-rich unit has no graphite													
		Buff sericite rich partings.													

LOGGED BY _____ D.D.H. NO A-132 PAGE 2

Interval From	Interval To	DESCRIPTION	S%	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
		Sulphide content vanes from 10-30%, and is mainly pyrite with															
		sphalerite, lesser galena. Concentrations dominantly in F_1					70.6	79.9	9.3	2.17	4.03	31.5			20.40	37.40	293.36
		laminae which are locally parallel to core-axis; So in F_1				W. AV	70.6	76.6	6.0	1.77	5.23	27.77			10.63	19.40	166.63
		fold-nose region. Note F_2 foliation not well developed due to				" "	76.9	79.9	3.0	3.04	5.59	39.22			9.13	16.76	117.67
		presence of quartz and sulphide.															
		Ribbon quartz-graphite sulphide	15-20	8	1.5	3614	70.6	72.1	1.5	2.00	3.40	35.31			3.00	5.10	52.47
		" " " " " " " "	15	8	1.5	5	72.1	73.6	1.5	2.60	2.65	38.40			3.90	3.98	57.60
		White quartz-sericite bleached sulphide	15	8	1.5	6	73.6	75.1	1.5	1.23	2.80	17.14			1.85	4.20	25.71
		Graph phyllite len quartzose, less sulphide	5-10	6	1.5	7	75.1	76.6	1.5	1.25	4.08	20.23			1.88	6.12	30.35
		" " " " " " " "" " " "	5-6	4	1.5	8	76.6	78.1	1.5	2.13	4.40	30.17			3.20	6.60	45.26
		CA: 72-25 F_1, 74=40 F_1, 76=25; 78=15; F_1	8	8	1.8	9	78.1	79.9	1.8	3.65	6.38	45.26			6.57	11.48	81.47
		Fold nose 75.3															
79.9	82.6	WHITE BLEACHED CREAMY QUARTZ-SERICITE (sb) PHYLLITE with			2.6/2.7		79.9	82.6									
		band of sulphide in F_2 fold nose at 81.4m. This thin section															
		is 0.2m of 8%. Not assayed; 1% over section. CA: 80=55,82=40															
82.6	88.2	MASSIVE PYRITIC SULPHIDE IN GANGUE OF QUARTZ, and locally qu-															
		graphitic phyllite. Massive sulphide bands have been fractured															
		by post mineralization tension gashes. In phyllite zones,															
		sulphides conc. in F_1 laminae. Sulphide contact varies 50-75%															
		Pyrite, sphalerite, minor galena. Grade vanes 4-8% PbZn.															

LOGGED BY _____ D.D.H. NO A-132 PAGE 3

Interval From	Interval To	DESCRIPTION	S%	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
		Mass. sulph. bands in qu sulphide gaugue	50	6	1.3	3620	82.6	84.1	1.5	2.05	2.63	30.17			3.08	3.95	45.26
		" " " " " " " " " " "	60	4	1.5	1	84.1	85.6	1.5	1.30	1.33	25.37			1.95	2.00	38.06
		Massive sulphide-locally qu-graph sulph	70	8	1.5	2	85.6	87.1	1.5	2.23	2.60	39.43			3.35	3.90	59.15
		Massive sulphide; qu-graph phyllite gaugue	75	8	1.1	3	87.1	88.2	1.1	1.65	2.50	31.20			1.82	2.75	34.32
		CA: 84=F_1, 25, 86=54 F_1 : 88=F_1 40.															
			S	PZ		W. AV.	82.6	88.6	3.0	1.68	1.93	27.77			5.03	5.95	83.32
88.2	94.7	WHITE-CREAM BLEACHED QUARTZ-SERICITE PHYLLITE (Sb)	5	2-3	2.0	3624	88.2	90.8	2.6	1.70	3.40	23.31			4.42	8.84	60.61
		Mineralized with thin bands (0.1-0.2m) of sphalerite-rich	S	PZ			90.8	93.2		1%	PZ.						
		sulphide. Rock altered; clay rich, cream-buff carbonate;	4	1-2	1.5	5	93.2	94.7	1.5	0.70	1.65	7.20					
		Locally rich in pale-green mariposite.															
		CA: 90=F_1 30; 92=65F_2, F_1 50; 94=F_1 30-40				W.AV	82.6	90.8	8.2	1.78	2.61	28.95			14.62	21.44	237.40
						W.AV	85.6	90.8	5.2	1.84	2.98	29.63			9.59	15.49	154.08
94.7	99.2	QUARTZ-GRAPHITIC SULPHIDE with BANDS OF	S%	PZ													
		MASSIVE BANDED SULPHIDE	50	15	1.5	3626	94.7	96.2	1.5	7.24	9.32	104.92			10.86	13.98	157.38
		Ribbon banded qu-sulphide with alternating graphitic	50	20	1.5	7	96.2	97.7	1.5	6.99	12.13	98.74			10.49	18.20	148.11
		laminae. Sulphide content locally increases to be	55	15	1.5	8	97.7	99.2	1.5	4.78	10.46	76.80			7.17	15.69	115.2
		greater than 50%. F_1 laminae almost parallel to core axis															
		over most of section. Section has 40-60% sulphide with															
		much red-sphalerite. Mainly Sph, Py, lesser galena. Note															
		block-jostling of sulphide rich bands parallel to shallow F_2															
		CA: 96=35F_1, 98=47;100; F_2 fold nose F_1 vertical.															

LOGGED BY _____ D.D.H. NO A-132 PAGE 4

Interval From	Interval To	DESCRIPTION	S%	PZ	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
99.2	120.8	GRADES TO RIBBON BANDED QUARTZ (G) GRAPHITIC SULPH.	15	8	1.5	3629	99.2	100.7	1.5	2.95	5.98	41.49			4.43	8.97	62.24
		ZONE. With thin (0.1m-0.2m) sections of massive	15	6	1.5	3630	100.7	102.2	1.5	2.50	4.90	38.40			3.75	7.35	57.6
		banded py. sulphide. Mineralization varies 15-30%	15	4	1.5	1	102.2	103.7	1.5	1.55	2.18	28.11			2.33	3.27	42.17
		Sulphide: pyrite; sphalerite; lesser galena,-4-6%	15	6	1.5	2	103.7	105.2	1.5	1.63	3.35	33.26			2.45	5.03	49.89
		PZ. Sulphide concentrated in qu-rich F_1 laminae	10	4	1.5	3	105.2	106.7	1.5	0.75	1.78	16.11			1.13	2.67	24.17
		which are 2-10mm thick. F_2 foliation locally devel.	15	6	1.5	4	106.7	108.2	1.5	1.60	3.88	28.11			2.40	5.82	42.17
		but not pervasive. Note small breccia zones at	6	3	1.5	3635	108.2	109.7	1.5	1.53	3.55	25.37			2.30	5.33	38.06
		108.8; 115. :Sulphide fragments in dark related	10	4	1.5	6	109.7	111.2	1.5	0.85	2.13	12.00			1.28	3.20	18.00
		rock flour.	15	6	1.5	7	111.2	112.7	1.5	1.40	3.03	26.40			2.10	4.55	39.6
		CA: 100=40 F_1, 102=57 F_1, 104=46 F_1; 106=40 F_2;	20	6-8	1.5	8	112.7	114.2	1.5	1.39	4.05	34.29			2.09	6.08	51.44
		108=35; 110=62 F_2; 112=45; 114=F_1 40; F_2 60;	10	4	1.5	3639	114.2	115.7	1.5	1.35	3.30	29.14			2.03	4.95	43.71
		116=60; 120=F_2 62, F_1 sub-vertical	25	6	1.5	3640	115.7	117.2	1.5	1.30	1.80	27.43			1.95	2.70	41.15
			15	8	1.5	1	117.2	118.7	1.5	2.28	5.35	45.26			3.42	8.03	67.89
			15	6	2.1	2	118.7	120.8	2.1	2.50	4.80	47.31			5.25	10.08	99.35
						W.AV.	94.7	99.2	4.5	6.34	10.64	93.49			28.52	47.87	420.69
						" "	94.7	100.7	6.0	5.49	9.47	80.49			32.95	56.84	482.93
						"	94.7	102.2	7.5	4.89	8.56	72.06			36.70	64.19	540.43
						" "	102.2	105.2	3.0	1.59	2.77	30.69			4.78	8.30	92.06
						"	117.2	120.8	3.6	2.41	5.03	46.46			8.67	18.11	167.24

Interval From	Interval To	DESCRIPTION	S%	PZ	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
120.8	123.6	MED. GRAY TO BLACK GRAPHITIC PHYLLITE. (G)															
		Rock paler slightly bleached next to sulphide. Note: Not															
		very quartz rich-quite phyllitic. Minor bands of pyrite															
		F_2 dominant. CA: 122=55.															
123.6	133.4	GRADES TO GRAY SERICITE PHYLLITE. (S)															
		Quartz veins between 125.3-126.3m. Rock locally muddy-gouged															
		in mica-rich zones ex 129m. Clean. F_2 dominant. F_1 laminae															
		mainly sub-vertical between F_2.															
		CA: 124=48, 126=72, F_1 sub-vertical; 128=61, F_1 sub-v;															
		130=75, F_1 sub-vertical; 132=65.															
133.4	140.0	ZONE OF MASSIVE BANDED PY-SPH-RICH(GSM)SULPHIDE AND SPH-RICH															
		GRAPH AND QUARTZ-SERICITE PHYLLITE.															
		Mineralized phyllite zones have boudinaged fragments of phy.															
		in a matrix of sph-rich sulphide. Cream xtals of barite															
		common in section. Sulphide co ent varies 45-80% and grade															
		is 15-20% PZ. Note non-mineralized partings of graphitic															
		phyllite at 134.2-134.8 and 139.3-139.8. These included in															
		assay sections.	S%	PZ													
		Mass. banded sph-rich sulphide; scst parting	70	15	1.5	3643	133.4	136.9	1.5	4.48	10.56	74.74			6.72	15.84	112.11
		Massive sulphide/Minor graphite phyllite	65	15	1.5	3644	134.9	136.4	1.5	5.48	10.56	75.77			8.76	15.84	113.66

LOGGED BY _____ D.D.H. NO. A-132 PAGE 6

Interval From	Interval To	DESCRIPTION	S%	PZ	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
		Minor ser-graph scst with m.s. bands	50	15	1.5	3645	136.4	137.9	1.5	7.06	12.02	87.77			10.59	18.03	131.66
		" " " " " " " " "	40	15	1.5	3646	137.9	139.4	1.5	6.20	14.04	101.83			9.30	21.06	152.75
		Bands of M.S. in graph-phyllite				7	139.4	140.9	1.5	1.05	2.58	16.11			1.58	3.87	24.17
		CA: 134=65, 136=65, 138=50 F_1															
						W.AV.	133.4	139.4	6.0	5.90	11.80	85.03			35.37	70.77	510.18
140.0	144.2	BANDED QUARTZ-GRAPHITIC PHYLLITE (G)					140.9	141.3		MINOR PYRITE							
		With thin bands of MASSIVE SP-RICH pyritic sulphide.															
		Mineralized section assayed. F_2 dominant. Small	10	4	1.6	3648	141.3	142.4	1.6	3.58	8.10	63.43			5.73	12.96	101.49
		scale fold noses at 142 and 143.5.															
		CA: 140-75, F_2 : 142=70 F_1 F_2 fold; 144=68, F_2 folds.				W.AV.	133.4	142.1	7.5	4.49	9.22	66.93			48.68	87.60	635.84
	144.2	END OF HOLE.															
		REMARKS:															
		1) Hole cemented; poured down casing, (16) bags used															

DDH: FAGA132 -- 42 DEGREE PROFILE

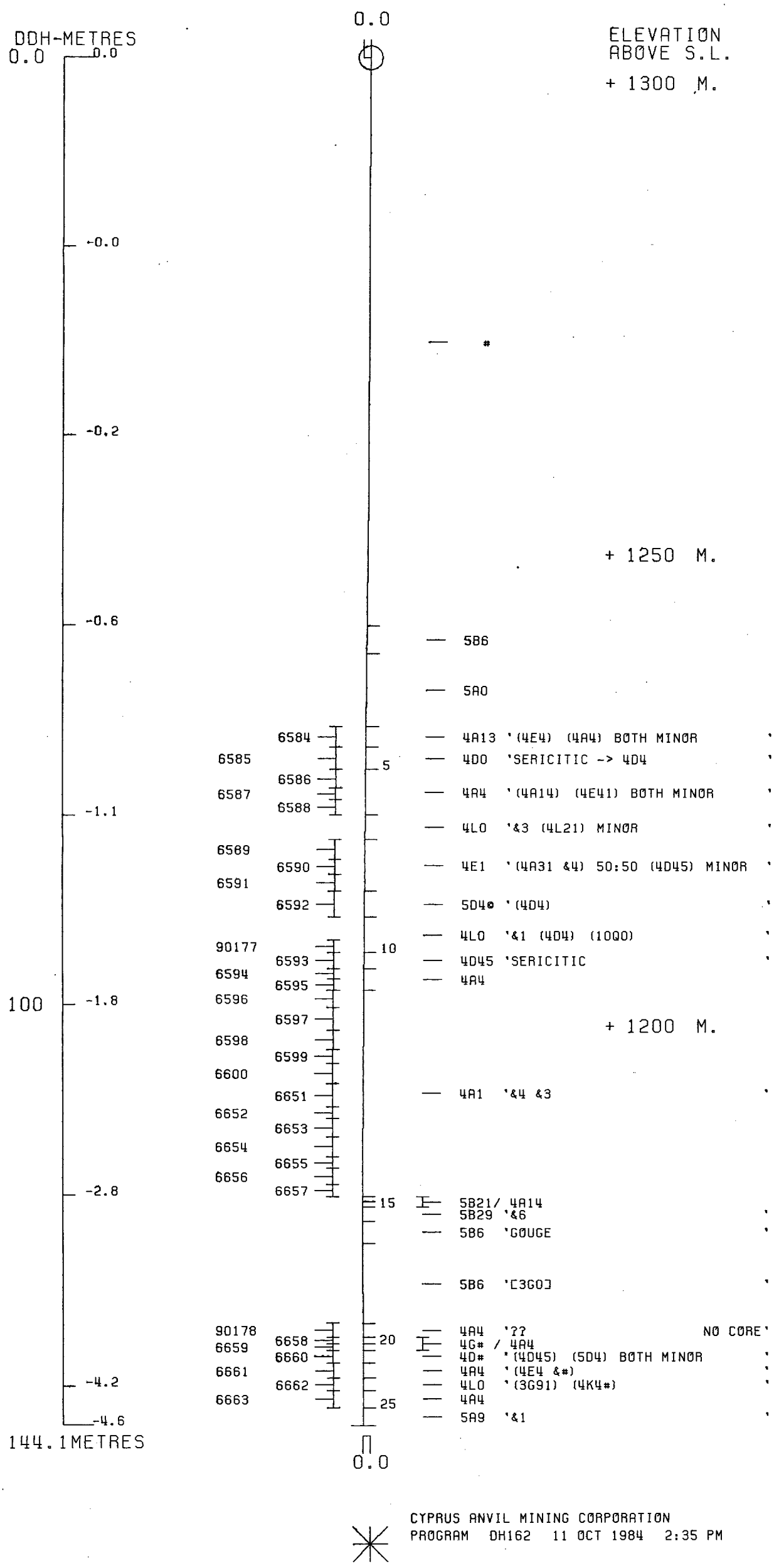
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1303 592407E ; 905019N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 587.5 Z = 1302.6

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH162 11 OCT 1984 2:35 PM

DDH: FAGA132 -- 42 DEGREE PROFILE

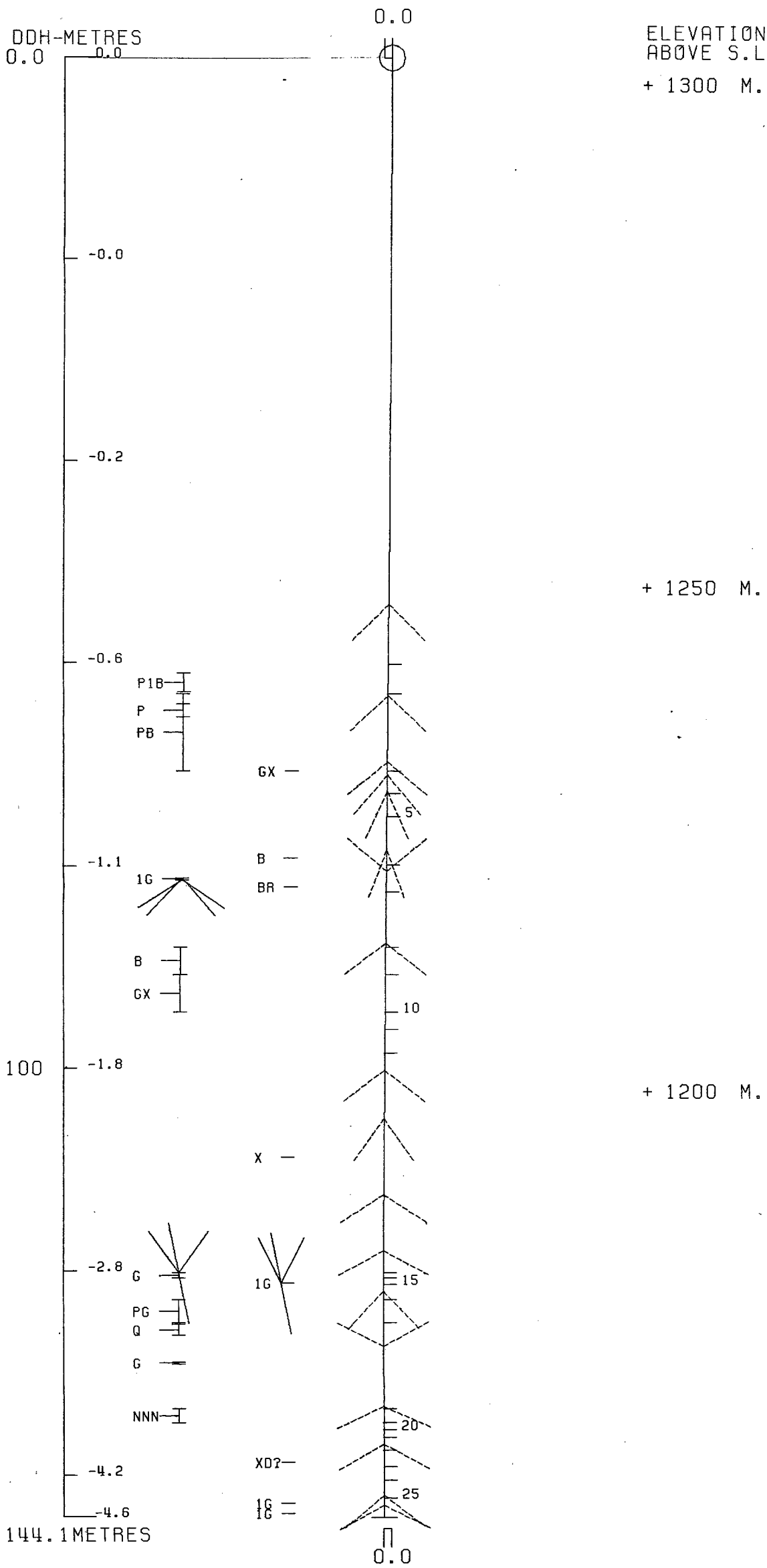
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1303 592407E ; 905019N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 587.5 Z = 1302.6

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 11 OCT 1984 2:34 PM

FAGA215

DRILL HOLE : FAGA215
NORTHING : 905,057.3
EASTING : 592,358.7
ELEVATION : 1,302.8
TOTAL DEPTH : 394.3
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 CRE-SAMPLES: 79
NOS DOWN-H-SURVEYS: 7
NOS DOWN-H-LITHOLOGY: 135
NOS DOWN-H-STRUCTURE: 126
NOS DOWN-H-FAULTS: 68
NOS DOWN-H-SPLINES: 7
NOS COMPOSITES: 0

DDH: FAGA215 UTM-N: 905,057.3 UTM-E: 592,358.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 394.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO 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.
61.7	63.7	12251	2.0	.9	4AO		.01	.04	.09	3.00											
63.7	65.7	12252	2.0	1.5	4AO		.01	.01	.05	1.00											
65.7	67.0	12253	1.3	1.3	4AO		.01	.20	.41	5.00											
67.0	69.0	12254	2.0	1.7	4AO		.01	.06	.55	3.00											
69.0	71.0	12255	2.0	1.8	4AO		.01	.01	.10	1.00											
71.0	72.4	12256	1.4	1.4	4AO		.01	.01	.06	1.00											
72.4	73.8	12257	1.4	1.1	4AO		.01	.52	.77	11.00											
75.4	76.1	12258	.7	.6	4DO	3.21	.01	1.97	7.50	34.00		.27	5	5	11						
76.1	77.0	12259	.9	.9	4CO	3.06	.01	1.88	3.40	29.00		.21	3	3	7						
77.0	77.8	12260	.8	.8	4DO	3.15	.04	4.60	9.70	94.00	100.00	.41	6	6	12						
77.8	78.3	12261	.5	.5	4EO	4.29	.04	2.31	9.60	57.00		.96	10	20	30						
78.7	79.7	12262	1.0	.7	4EO	4.42	.08	1.94	3.30	39.00		.55	17	22	39						
79.7	80.3	12263	.6	.6	4AO	3.46	.03	.94	3.40	23.00		.34	7	8	16						
80.3	82.2	12264	1.9	.9	4D4	3.16	.02	2.40	6.10	42.00		.41	4	6	10						
82.2	83.1	12265	.9	.7	4A4	3.57	.02	.84	5.40	20.00		.21	9	6	16						
83.1	85.1	12266	2.0	1.8	5A1		.01	.04	.33	5.00											
85.1	86.3	12267	1.2	1.1	5A1		.01	.01	.20	6.00											
99.8	101.0	12268	1.2	1.2	4A13	3.50	.08	4.00	6.50	64.00		1.10	1	12	14						
101.5	102.4	12269	.9	.6	4L12	3.28	.05	.82	1.53	15.00		.48	3	10	14						
102.8	103.3	12270	.5	.5	4DO	3.53	.03	3.50	6.90	47.00		.55	3	10	14						
103.7	105.2	12271	1.5	1.4	4A4	3.08	.01	2.50	5.40	36.00		.55	1	2	3						
105.2	106.6	12272	1.4	1.4	4A4	3.12	.02	2.32	4.20	40.00		.75	2	2	4						
106.6	107.3	12273	.7	.6	4CO	4.14	.03	.74	3.30	15.00		.41	4	9	13						
107.3	108.5	12274	1.2	1.2	4A14	3.29	.04	1.93	3.70	35.00		.89	1	12	13						
108.5	110.3	12275	1.8	1.8	4LO	3.22	.02	.66	1.49	13.00		.34	3	3	6						
110.3	111.8	12276	1.5	1.5	4LO	3.18	.07	.95	1.42	18.00		.34	4	6	10						
111.8	112.8	12277	1.0	1.0	4LO	3.50	.04	1.18	1.51	23.00		.41	4	13	18						
112.8	113.5	12278	.7	.7	4C3	3.66	.05	2.12	3.40	36.00		1.17	2	17	20						
113.5	114.4	12279	.9	.8	4L3	3.10	.02	1.01	1.95	21.00		.55	4	6	10						
114.4	115.8	12280	1.4	1.3	5C4*	3.68	.05	10.80	16.90	155.00	144.00	.48	7	5	13						
119.3	120.9	12281	1.6	1.6	4L14	3.18	.04	1.62	3.00	30.00		.75	4	7	12						
120.9	122.0	12282	1.1	1.0	4LO	3.12	.07	.14	.82	10.00		.27	5	3	9						
122.0	123.0	12283	1.0	.9	4A14	3.21	.06	2.18	4.50	50.00		.62	4	6	11						
123.0	123.3	12284	.3	.3	4D4	3.31	.06	2.92	7.50	46.00		.75	2	10	12						
123.3	125.3	12285	2.0	1.9	4A14	3.51	.07	6.61	12.70	106.00		1.30	1	7	9						
125.3	127.3	12377	2.0	1.9	4A14			4.50	8.70	68.00											
127.3	129.1	12286	1.8	1.8	4A14	3.27	.05	3.94	7.70	63.00		.96	1	9	11						
129.1	131.1	12287	2.0	1.9	4A13	3.12	.07	1.32	2.80	24.00		1.03	1	12	13						
131.1	132.3	12288	1.2	1.1	4A13	3.02	.03	1.92	2.70	36.00		.82	1	8	9						
143.9	146.7	12289	2.8	2.2	4A*		.01	.07	.14	4.00											
160.0	160.6	12290	.6	.6	4AO		.01	.01	.04	3.00											
160.6	161.8	12291	1.2	1.1	5A19		.02	.64	2.20	15.00											

DDH: FAGA215 UTM-N: 9C5,057.3 UTM-E: 592,358.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 394.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
161.8	162.4	12292	.6	.5	4DO		.02	1.55	4.70	27.00											
210.8	212.1	12293	1.3	1.2	4AO	2.86	.01	.01	.05	3.00		.14	2	1	3						
212.1	213.4	12294	1.3	1.3	4AO	2.97	.02	.46	.73	10.00		.27	1	2	4						
213.4	213.9	12295	.5	.5	4E4*	3.80	.13	6.60	9.90	133.00		1.44	3	16	19						
213.9	214.7	12296	.8	.8	4E4*	4.60	.16	12.30	22.00	161.00		2.06	1	20	21						
214.7	215.0	12297	.3	.3	4L*	3.96	.02	1.04	2.70	18.00		.48	2	6	9						
215.0	215.4	12298	.4	.3	4K4	4.20	.06	4.90	11.70	90.00		1.37	2	23	25						
215.4	215.7	12299	.3	.3	4AO	3.98	.07	6.80	14.50	118.00		1.30	1	18	20						
215.7	217.3	12300	1.6	1.5	4G4*	4.48	.06	4.90	10.10	93.00	93.00	1.30		15	16						
217.3	219.3	12301	2.0	1.4	4G4*	4.51	.08	4.10	8.00	70.00		1.17		15	16						
219.3	220.3	12302	1.0	1.0	4G4*	4.58	.05	2.90	5.60	52.00		.96	1	13	14						
220.3	222.5	12303	2.2	2.1	4G4*	4.49	.08	5.70	10.10	104.00		1.37		18	19						
222.5	223.1	12304	.6	.6	4A14	3.23	.06	4.60	8.30	79.00		1.10	1	9	10						
276.4	278.2	12305	1.8	1.7	4E*	4.57	.16	6.00	5.70	80.00		.96	4	28	32						
278.2	279.2	12306	1.0	.0	4L*3	3.11	.02	.97	1.06	19.00		.34	2	7	9						
286.6	287.8	12309	1.2	1.2	4E4	3.61	.08	3.30	3.50	44.00		1.58	3	16	20						
287.8	288.6	12310	.8	.8	4E4*	3.37	.11	5.90	4.30	50.00		1.51	3	28	31						
288.6	290.1	12311	1.5	1.5	4E*		.19	.43	.71	14.00											
290.1	291.6	12312	1.5	1.5	4E8*	3.89	.18	.51	.46	16.00		1.51	5	23	28						
291.6	292.6	12313	1.0	1.0	4E8*	4.20	.12	3.40	3.50	42.00		.89	7	26	33						
292.6	293.8	12314	1.2	1.2	4G48	3.18	.10	5.20	6.80	80.00		.82	5	14	19						
293.8	294.5	12315	.7	.7	4G4	4.17	.15	5.90	8.20	95.00		1.65	2	16	18						
294.5	294.8	12316	.3	.3	4D48	3.49	.15	2.60	3.20	35.00		.96	7	11	18						
294.8	296.0	12317	1.2	1.1	4E18	3.79	.31	1.52	2.40	33.00		.27	9	19	29						
296.0	297.2	12318	1.2	1.2	4E18	3.72	.24	.56	.69	18.00		.96	6	22	28						
297.2	299.0	12319	1.8	1.8	4C38	3.39	.19	.53	1.02	13.00		.89	7	14	22						
299.0	300.9	12320	1.9	1.8	4C38	3.53	.25	1.00	2.70	21.00	17.00	.96	5	16	22						
300.9	301.6	12321	.7	.7	4D4	3.28	.23	.48	1.42	16.00		.89	3	14	17						
301.6	303.3	12322	1.7	1.7	4C38	3.36	.20	.70	2.60	17.00		.55	6	13	19						
303.3	305.1	12323	1.8	1.7	4C38	3.45	.37	.42	.83	14.00		.48	9	14	23						
305.1	306.9	12324	1.8	1.8	4C38	3.44	.26	.60	.71	13.00		.41	8	13	22						
306.9	307.5	12325	.6	.6	4C8*	3.45	.16	.84	1.76	15.00		.48	9	13	22						
307.5	309.2	12326	1.7	1.6	4C37		.21	.43	.70	13.00											
309.2	310.9	12327	1.7	1.7	4C37		.27	.37	.70	12.00											
310.9	312.6	12328	1.7	1.7	4C37		.21	.19	.33	11.00											
313.5	314.8	12329	1.3	1.3	4L*3		.49	.13	.38	13.00											
375.3	376.9	12330	1.6	1.5	5A19		.01	.01	.01	6.00											
WEIGHTED AVERAGE																					
61.7	73.8		12.1	9.7			.01	.10	.27	3.24											
75.4	78.3		2.9	2.8		3.33	.02	2.72	7.19	52.96	27.58	.40	6	7	14						
78.7	86.3		7.6	5.8		2.06	.02	1.04	2.98	22.07		.22	5	5	11						
99.8	101.0		1.2	1.2		3.50	.08	4.00	6.50	64.00		1.10	1	12	14						
101.5	102.4		.9	.6		3.28	.05	.82	1.53	15.00		.48	3	10	14						
102.8	103.3		.5	.5		3.53	.03	3.50	6.90	47.00		.55	3	10	14						

DDH: FAGA215 UTM-N: 905,057.3 UTM-E: 592,358.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 394.3 SECTION: 4 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.
103.7	115.8		12.1	11.7		3.33	.03	2.57	4.53	41.07	16.66	.55	3	6	10						
119.3	132.3		13.0	12.4		2.73	.04	3.08	5.99	51.95		.74	2	7	9						
143.9	146.7		2.8	2.2			.01	.07	.14	4.00											
160.0	162.4		2.4	2.2			.01	.71	2.28	15.00											
210.8	223.1		12.3	11.3		4.04	.06	4.25	7.99	73.65	12.09	1.05	1	13	14						
276.4	279.2		2.8	1.7		4.04	.11	4.20	4.04	58.21		.73	3	20	24						
286.6	312.6		26.0	25.6		2.65	.21	1.36	1.94	24.46	1.24	.65	4	12	17						
313.5	314.8		1.3	1.3			.49	.13	.38	13.00											
375.3	376.9		1.6	1.5			.01	.01	.01	6.00											

DDH: FAGA215 UTM-N: 905,057.3 UTM-E: 592,358.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 394.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
64.900	174.500	123.000
144.200	169.500	105.000
205.100	167.500	105.000
266.100	167.000	103.000
327.100	164.500	93.000
388.900	163.500	89.000

DDH: FAGA215 UTM-N: 905,057.3 UTM-E: 592,358.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 394.3 SECTION: W 74
RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
31.0	0001	#		0.5-	1
53.7	0002	5B38	(5D3)	0.5-	1
56.7	0003	5B26	&3 &9	0.5-	1
57.8	0004	5A6	&9 (4L84) (4CC) 70:15:15	0.5-	1
60.5	0005	5A0	&1 &9 -> 4A LOCALLY	0.5-	1
61.7	0006	5A1	&9	0.5-	1
67.0	0007	4AC	(5A19) 90:10	0.5-	1
73.8	0008	4A0	(4C0) TRACE	0.5-	1
75.4	0009	5D4*		0.5-	1
76.1	0010	4DC		0.5-	1
77.0	0011	4CC	-> [4B0]	0.5-	1
77.5	0012	4DC	-> [4B4]?	0.5-	1
77.8	0013	4D4	&7	0.5-	1
78.3	0014	4EC	&4 (4H4)	0.5-	1
78.7	0015	5D4*		0.5-	1
79.7	0016	4EC	(4D4) (4H0) BXA	0.5-	1
80.3	0017	4AC		0.5-	1
82.2	0018	4D4	(4A0)	0.5-	1
83.1	0019	4AC	(4D4)	0.5-	1
86.3	0020	5A1	(4A0)	0.5-	1
89.5	0021	5A13	[4A*]	0.5-	1
96.3	0022	5B32	&9	0.5-	1
99.8	0023	5A39	[4A*]	0.5-	1
101.0	0024	4A13	(4C0)	0.5-	1
101.5	0025	5C4@		0.5-	1
102.4	0026	4L12	-> (4C0) AT E.O.I.	0.5-	1
102.8	0027	5C#		0.5-	1
103.3	0028	4DC		0.5-	1
103.7	0029	5C4@		0.5-	1
106.6	0030	4A4		0.5-	1
107.3	0031	4CC	(4L*6) 90:10	0.5-	1
108.5	0032	4A14	(4A13)	0.5-	1
110.3	0033	4LC	(4D4) (4A4) BOTH MINOR	0.5-	1
111.8	0034	4LC	(4H0) 90:10	0.5-	1
112.8	0035	4LC	(4C3) 50:50	0.5-	1
113.5	0036	4L3	(4L0) (4D4) 85:10:05	0.5-	1
114.4	0037	4L3	(4D4) 90:10	0.5-	1
115.8	0038	5C4*	(4D4) (4L0)	0.5-	1
117.4	0039	5B6	(5B4) (4L0) (4D4) MINOR 4C	0.5-	1
119.3	0040	5B6	(5B4) 80:20	0.5-	1
120.9	0041	4L14	(5B0) (4C3)	0.5-	1
122.0	0042	4LC	(4L*)	0.5-	1
123.0	0043	4A14	(4L*)	0.5-	1
123.3	0044	4D4		0.5-	1
129.1	0045	4A14		0.5-	1
132.3	0046	4A13	(4A14)	0.5-	1
136.9	0047	5B62		0.5-	1
140.0	0048	5A3	&9 &1	0.5-	1
141.9	0049	5A10	(5B38)	0.5-	1
143.9	0050	5A10	9	0.5-	1
146.7	0051	4A*	(5A109) (4L0)	0.5-	1

DDH: FAGA215 UTM-N: 905,057.3 UTM-E: 592,358.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 394.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
147.6	0052	5C*4		0.5-	1
154.3	0053	5B6	&2 &0	0.5-	1
157.1	0054	5B6	(5B62)	0.5-	1
158.4	0055	5B6	&9	0.5-	1
160.0	0056	5B62	(5A19)	0.5-	1
160.6	0057	4AC		0.5-	1
161.2	0058	5A19		0.5-	1
161.8	0059	4A13	(4A14)	0.5-	1
162.4	0060	4DC	(4H0)	0.5-	1
184.0	0061	5B6		0.5-	1
185.7	0062	5A6	&9	0.5-	1
193.0	0063	5B6		0.5-	1
194.2	0064	5BC2		0.5-	1
198.4	0065	5B6	(5B62)	0.5-	1
201.0	0066	5B6	(4A0)	0.5-	1
206.9	0067	5A6	&1 &9	0.5-	1
208.4	0068	5B62		0.5-	1
210.8	0069	5B62	&9 -> 4A0 PHYLLITIC	0.5-	1
213.4	0070	4AC	GRAPHITIC -> 5A19	0.5-	1
213.9	0071	4E4*	(4A0) BXA	0.5-	1
214.7	0072	4E4*	(4D4)	0.5-	1
215.0	0073	4L*	(4A0) BXA	0.5-	1
215.4	0074	4K4	(4E0) POROUS	0.5-	1
215.7	0075	4AC	(4E0) BXA	0.5-	1
219.3	0076	4G4*		0.5-	1
220.3	0077	4G4*	(4K4)	0.5-	1
222.5	0078	4G4*	(4E4) POROUS	0.5-	1
223.1	0079	4A14		0.5-	1
223.4	0080	4L*	[5C4*]	0.5-	1
230.4	0081	5B62	(4L0) (5A6)	0.5-	1
242.8	0082	5B6	&2	0.5-	1
245.9	0083	5B6		0.5-	1
247.1	0084	5D4*	(5B6 &8) [5D# &4 (5BC &8)]	0.5-	1
247.7	0085	5C3		0.5-	1
248.6	0086	5B6	[3G0]	0.5-	1
249.8	0087	4L7	[3G4]	0.5-	1
252.4	0088	4LC	&7 (10Q0)	0.5-	1
260.1	0089	5B6	[3G0]	0.5-	1
260.7	0090	10Q0	&#	0.5-	1
261.0	0091	5B6	[3G0]	0.5-	1
262.4	0092	3B7	[5C3] BIOTITE	0.5-	1
267.4	0093	3GC	(10Q0) BIOTITE	0.5-	1
269.3	0094	5A6	(5B6)	0.5-	1
270.0	0095	5A6	(4L0)	0.5-	1
270.7	0096	3G4	(4L0)	0.5-	1
274.5	0097	5B62	(5B6)	0.5-	1
276.4	0098	4L*3	(10Q0)	0.5-	1
278.2	0099	4E*	(4E* POROUS) (4E8)	0.5-	1
279.2	0100	4L*3		0.5-	1
280.7	0101	4L7	(4H4)	0.5-	1
281.9	0102	5B34		0.5-	1

DDH: FAGA215 UTM-N: 905,057.3 UTM-E: 592,358.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 394.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
283.8	0103	5B62	(5B4)	0.5-	1
286.1	0104	5B4	(5B6)	0.5-	1
286.6	0105	4L3	(10Q0)	0.5-	1
287.8	0106	4E4	&* BXA	0.5-	1
288.6	0107	4E4*		0.5-	1
290.1	0108	4E*	& BXA	0.5-	1
291.6	0109	4E8*	BXA	0.5-	1
292.6	0110	4E8*	(4E648*)	0.5-	1
293.8	0111	4G48	&*	0.5-	1
294.5	0112	4G4	&*	0.5-	1
294.8	0113	4D48		0.5-	1
297.2	0114	4E18	(4C8)	0.5-	1
300.9	0115	4C38	* (4E18)	0.5-	1
301.6	0116	4D4		0.5-	1
306.9	0117	4C38	(4L6)	0.5-	1
307.5	0118	4C8*		0.5-	1
312.6	0119	4C37	89	0.5-	1
313.5	0120	4L6*	(3D7) [5C4*] BIOTITE	0.5-	1
314.8	0121	4L*3	(4E0) BXA	0.5-	1
315.3	0122	4L12	-> 4LC	0.5-	1
323.5	0123	4L2	&5 LOCALLY (FROM 5D4-IN PART)	0.5-	1
327.8	0124	4LC	(3G0 &9) E.O.I.	0.5-	1
332.2	0125	3GC9	[5B62]	0.5-	1
332.5	0126	3B$	BANDED [5D$]	0.5-	1
347.8	0127	3GC9	(3B3 BIO) MINOR	0.5-	1
354.0	0128	3G9	(3B3 BIO)	0.5-	1
369.4	0129	3GC	(3B3 BIO)	0.5-	1
373.4	0130	3GC	BIO CHL-ACT C.S. LOOK-FAULT?	0.5-	1
375.6	0131	3G9	(10Q$) -> 5A	0.5-	1
388.7	0132	3GC9	.	0.5-	1
391.1	0133	3G4	-> 4LO (5D4*) 65:35	0.5-	1
392.2	0134	5C$		0.5-	1
394.4	0135	3G0	&4 &$ MINOR	0.5-	1

DDH: FAGA215 UTM-N: 905,057.3 UTM-E: 592,358.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 394.3 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
FAGA215	0.0	31.2	CS2	M	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	32.4	CS2	Z	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	33.2	CS2	3	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	36.0	CS2	M	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	38.2	CS2	E	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	44.7	CS2	3	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	46.2	CS2	S	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	49.2	CS2	S	0	0	0	0	55	230	0	1	1	1
FAGA215	0.0	53.8	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGA215	0.0	57.2	CS2	S	0	0	0	0	50	230	0	1	1	1
FAGA215	0.0	60.7	CS2	M	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	63.6	CS2	M	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	67.2	CS2	M	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	68.2	CS2	Z	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	71.1	CS2	Z	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	72.9	CS2	Z	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	76.7	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	83.3	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	84.2	PS2	P	0	0	0	0	55	230	0	1	1	1
FAGA215	0.0	85.5	CS2	Z	0	0	0	0	55	230	0	1	1	1
FAGA215	0.0	87.5	CS2	M	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	89.2	CS2	3	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	91.2	CS2	M	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	92.0	CS2	3	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	94.7	CS2	S	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	96.6	CS2	Z	0	0	0	0	55	230	0	1	1	1
FAGA215	0.0	98.0	CS2	Z	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	99.1	CS2	S	0	0	0	0	40	230	0	1	1	1
FAGA215	0.0	102.3	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA215	0.0	104.9	CS2	E	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	106.5	CS2	S	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	108.0	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	111.0	PS2	P	0	0	0	0	90	230	0	1	1	1
FAGA215	0.0	112.8	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA215	0.0	115.4	CS2	M	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	116.8	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	118.0	CS2	S	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	122.6	CS2	E	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	125.6	CS2	E	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	127.5	CS2	Z	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	129.7	CS2	S	0	0	0	0	50	230	0	1	1	1
FAGA215	0.0	132.1	CS2	S	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	135.0	CS2	S	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	136.3	CS2	M	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	139.1	CS2	D	0	0	0	0	75	230	0	1	1	1
FAGA215	0.0	140.5	CS2	3	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	142.0	CS2	S	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	142.5	CS2	3	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	145.0	CS2	E	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	146.7	CS2	S	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	148.1	CS2	S	0	0	0	0	60	230	0	1	1	1

DDH: FAGA215 UTM-N: 905,057.3 UTM-E: 592,358.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 394.3 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	PROCESS
FAGA215	0.0	151.3	CS2	E	0	C	0	C	70	23C	C	1	1	1
FAGA215	0.0	153.3	CS2	Z	0	0	0	0	70	23C	C	1	1	1
FAGA215	0.C	154.8	CS2	Z	0	0	0	C	70	230	C	1	1	1
FAGA215	0.C	155.3	CS2	S	0	C	0	0	70	23C	C	1	0	C
FAGA215	0.0	158.8	CS2	Z	0	0	0	C	60	23C	C	1	1	1
FAGA215	0.C	159.7	CS2	3	0	0	0	C	75	230	C	1	1	1
FAGA215	0.C	163.6	CS2	3	C	0	0	C	70	23C	C	1	1	1
FAGA215	0.C	166.5	CS2	S	0	0	0	C	80	23C	C	1	1	1
FAGA215	0.C	169.2	CS2	S	0	0	0	0	75	230	C	1	1	1
FAGA215	0.0	17C.6	CS2	Z	0	0	0	C	75	23C	C	1	1	1
FAGA215	0.C	171.1	CS2	3	C	0	0	C	80	230	C	1	1	1
FAGA215	0.C	174.9	CS2	E	0	C	0	0	70	230	C	1	1	1
FAGA215	0.0	176.3	CS2	M	0	0	0	0	70	230	0	1	1	1
FAGA215	0.C	178.3	CS2	M	C	0	0	C	80	230	C	1	1	1
FAGA215	0.C	180.3	CS2	E	C	C	0	0	70	23C	C	1	1	1
FAGA215	0.0	181.8	CS2	S	0	0	0	C	70	230	C	1	1	1
FAGA215	0.C	183.9	CS2	3	0	0	0	C	70	23C	C	1	1	1
FAGA215	0.C	189.1	CS2	Z	C	0	0	0	65	23C	C	1	1	1
FAGA215	0.C	194.0	CS2	Z	0	0	0	0	75	230	C	1	1	1
FAGA215	0.C	195.4	PS2	P	0	0	0	C	70	230	C	1	1	1
FAGA215	0.C	196.9	CS2	Z	0	0	0	C	70	230	C	1	1	1
FAGA215	0.C	208.0	CS2	Z	C	0	0	C	70	230	C	1	1	1
FAGA215	0.0	21C.2	CS2	Z	C	0	0	C	70	230	C	1	1	1
FAGA215	0.C	212.5	CS2	Z	C	0	0	0	70	230	0	1	1	1
FAGA215	0.C	216.3	PS2	P	C	C	0	C	70	230	C	1	1	1
FAGA215	0.0	219.2	PS2	P	0	0	0	C	80	230	C	1	1	1
FAGA215	0.C	223.8	CS2		0	0	0	C	90	230	0	1	1	1
FAGA215	0.0	229.5	CS2		C	C	C	C	90	230	0	1	1	1
FAGA215	0.C	232.4	CS2	Z	0	0	0	C	70	230	C	1	1	1
FAGA215	0.C	237.7	CS2	3	0	0	0	C	75	230	0	1	1	1
FAGA215	0.0	239.0	CS2	S	C	0	0	C	80	230	0	1	1	1
FAGA215	0.C	240.5	CS2	S	0	0	0	C	70	230	C	1	1	1
FAGA215	0.C	241.5	CS2	E	0	0	0	C	80	230	C	1	1	1
FAGA215	0.C	244.8	CS2	M	C	C	0	C	70	230	C	1	1	1
FAGA215	0.0	247.6	CS2	3	0	0	0	C	80	230	C	1	1	1
FAGA215	0.C	249.6	PS2	P	0	C	0	C	75	230	C	1	1	1
FAGA215	0.C	254.8	CS2	S	0	0	0	C	65	230	C	1	1	1
FAGA215	0.0	258.7	CS2	S	0	0	0	C	75	230	0	1	1	1
FAGA215	0.C	261.9	CS2	3	0	0	0	0	65	230	C	1	1	1
FAGA215	0.0	264.5	CS2	Z	0	C	0	C	80	230	0	1	1	1
FAGA215	0.0	267.6	CS2	3	0	0	0	C	75	230	C	1	1	1
FAGA215	0.0	271.7	CS2	E	0	0	0	C	60	230	C	1	1	1
FAGA215	0.0	274.2	CS2	Z	0	0	0	0	85	230	C	1	1	1
FAGA215	0.0	280.1	CS2	M	0	0	0	0	60	230	C	1	1	1
FAGA215	0.0	281.0	CS2	E	0	0	0	C	65	23C	C	1	1	1
FAGA215	0.C	284.6	CS2	M	0	0	0	C	70	230	C	1	1	1
FAGA215	0.C	291.7	PS2	P	C	0	0	0	60	23C	C	1	1	1
FAGA215	0.0	294.4	PS2	P	C	0	0	C	50	230	C	1	1	1
FAGA215	0.C	298.6	PS2	P	0	C	0	C	60	23C	C	1	1	1
FAGA215	0.C	302.9	PS2	P	C	0	0	C	55	230	C	1	1	1
FAGA215	0.0	307.5	PS2	P	0	0	0	C	60	230	C	1	1	1

DDH: FAGA215 UTM-N: 905,057.3 UTM-E: 592,358.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 394.3 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	SC ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHCC	SDC	PROCESS
FAGA215	0.0	313.4	CS2	Z	0	0	0	C	65	230	C	1	1	1
FAGA215	0.0	317.4	PS2	P	0	0	0	C	65	230	C	1	1	1
FAGA215	0.0	321.3	PS2	P	0	0	0	0	65	230	C	1	1	1
FAGA215	0.0	323.9	PS2	P	0	0	0	C	70	230	C	1	1	1
FAGA215	0.0	332.2	PS2	P	0	0	0	C	50	230	C	1	1	1
FAGA215	0.0	336.8	PS2	P	0	0	0	C	70	230	C	1	1	1
FAGA215	0.0	338.9	PS2	P	0	0	0	0	80	230	C	1	1	1
FAGA215	0.0	341.6	PS2	P	0	0	0	C	75	230	C	1	1	1
FAGA215	0.0	343.8	PS2	P	0	0	0	0	60	230	C	1	1	1
FAGA215	0.0	346.7	PS2	P	0	0	0	C	70	230	C	1	1	1
FAGA215	0.0	351.4	PS2	P	C	0	0	C	80	230	C	1	1	1
FAGA215	0.0	354.1	PS2	P	0	0	0	C	90	230	C	1	1	1
FAGA215	0.0	356.6	PS2	P	C	0	0	C	80	230	C	1	1	1
FAGA215	0.0	359.5	PS2	P	C	0	0	C	70	230	C	1	1	1
FAGA215	0.0	364.5	PS2	P	0	0	0	0	75	230	C	1	1	1
FAGA215	0.0	369.1	PS2	P	0	C	0	C	75	230	C	1	1	1
FAGA215	0.0	372.3	PS2	P	C	0	0	0	65	230	C	1	1	1
FAGA215	0.0	377.2	PS2	P	0	0	0	0	80	230	C	1	1	1
FAGA215	0.0	379.2	PS2	P	C	0	0	0	80	230	C	1	1	1
FAGA215	0.0	380.1	PS2	P	0	0	0	C	80	230	C	1	1	1
FAGA215	0.0	384.0	PS2	P	0	0	0	C	90	230	C	1	1	1
FAGA215	0.0	388.1	PS2	P	C	0	0	C	65	230	C	1	1	1
FAGA215	0.0	392.0	PS2	P	0	0	0	C	65	230	C	1	1	1
FAGA215	0.0	394.1			0	0	0	0	60	230	C	1	1	1

DDH: FAGA215 UTM-N: 905,057.3 UTM-E: 592,358.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 394.3 SECTION: W 74
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
FAGA215	0.0	37.5	1G			0	0	0	0	0	0	1
FAGA215	0.0	44.4	1G			0	0	0	0	0	0	1
FAGA215	50.3	53.4	G	3		0	0	0	0	0	0	1
FAGA215	0.0	53.7	S			0	0	0	0	0	0	1
FAGA215	60.0	60.5	G			0	0	0	0	0	0	1
FAGA215	0.0	69.9	1G			0	0	0	0	0	0	1
FAGA215	0.0	71.8	S			0	0	99	999	0	0	1
FAGA215	76.1	77.0	1X			0	0	0	0	0	0	1
FAGA215	77.8	78.3	X			0	0	0	0	0	0	1
FAGA215	78.7	79.7	X			0	0	0	0	0	0	1
FAGA215	79.7	80.3	FS			0	0	0	0	0	0	1
FAGA215	82.2	83.1	G			0	0	0	0	0	0	1
FAGA215	0.0	96.3	1G			0	0	0	0	0	0	1
FAGA215	0.0	98.3	1G			0	0	99	999	0	0	1
FAGA215	114.0	114.4	S			0	0	0	0	0	0	1
FAGA215	0.0	120.9	1G			0	0	0	0	0	0	1
FAGA215	130.3	131.0	1X			0	0	0	0	0	0	1
FAGA215	0.0	139.8	1G			0	0	0	0	0	0	1
FAGA215	0.0	145.3	1G			0	0	0	0	0	0	1
FAGA215	0.0	151.6	G			0	0	99	999	0	0	1
FAGA215	0.0	156.6	S			0	0	0	0	0	0	1
FAGA215	157.1	158.4	GS			0	0	99	999	0	0	1
FAGA215	160.6	161.2	G	5		0	0	0	0	0	0	1
FAGA215	161.2	161.8	B	2		0	0	0	0	0	0	1
FAGA215	161.8	162.4	2G			0	0	0	0	0	0	1
FAGA215	0.0	166.0	1G			0	0	0	0	0	0	1
FAGA215	0.0	168.6	1G			0	0	0	0	0	0	1
FAGA215	0.0	171.9	S			0	0	0	0	0	0	1
FAGA215	184.7	185.3	SG			0	0	99	999	0	0	1
FAGA215	0.0	185.7	1G			0	0	0	0	0	0	1
FAGA215	0.0	186.4	G			0	0	0	0	0	0	1
FAGA215	0.0	187.9	1G			0	0	0	0	0	0	1
FAGA215	187.5	193.0	3B			0	0	0	0	0	0	1
FAGA215	198.4	201.0	XG			0	0	0	0	0	0	1
FAGA215	201.0	206.9	2GB			0	0	0	0	0	0	1
FAGA215	211.5	212.1	2G			0	0	0	0	0	0	1
FAGA215	213.4	213.9	D?			0	0	0	0	0	0	1
FAGA215	215.4	215.7	D?			0	0	0	0	0	0	1
FAGA215	219.3	220.3	XF?			0	0	0	0	0	0	1
FAGA215	223.4	226.8	B			0	0	0	0	0	0	1
FAGA215	0.0	234.4	S			0	0	0	0	0	0	1
FAGA215	0.0	235.6	G			0	0	0	0	0	0	1
FAGA215	231.7	238.0	B			0	0	0	0	0	0	1
FAGA215	0.0	238.0	G			0	0	0	0	0	0	1
FAGA215	269.3	270.0	G			0	0	0	0	0	0	1
FAGA215	276.6	279.2	1XG			0	0	0	0	0	0	1
FAGA215	281.3	281.9	G			0	0	0	0	0	0	1
FAGA215	280.7	283.8	B			0	0	0	0	0	0	1
FAGA215	286.1	286.6	G			0	0	0	0	0	0	1
FAGA215	286.6	287.8	D?			0	0	0	0	0	0	1
FAGA215	289.0	289.6	D?			0	0	0	0	0	0	1

DDH: FAGA215 UTM-N: 905,057.3 UTM-E: 592,358.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 394.3 SECTION: W 74
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		DHC
FAGA215	290.1	291.6	X		0	0	C	C	0	0	1
FAGA215	313.5	314.8	XG		C	0	99	999	0	0	1
FAGA215	0.0	321.5	XG		0	0	0	C	0	0	1
FAGA215	323.5	327.8	2GX		0	0	0	C	0	0	1
FAGA215	0.0	328.0	G		0	0	C	0	0	0	1
FAGA215	328.5	329.8	MF?		0	0	C	0	0	0	1
FAGA215	0.0	340.6	S		0	0	C	C	0	0	1
FAGA215	352.2	352.6	G		0	0	0	C	0	0	1
FAGA215	0.0	359.8	S		0	0	0	C	0	0	1
FAGA215	0.0	361.4	S		0	0	C	C	0	0	1
FAGA215	0.0	361.8	S		0	0	0	C	0	0	1
FAGA215	0.0	373.6	G		0	0	C	C	0	0	1
FAGA215	386.9	387.3	G		0	0	C	C	0	0	1
FAGA215	388.6	389.5	B		0	0	C	C	0	0	1
FAGA215	391.9	392.6	BG		0	0	0	C	0	0	1
FAGA215	0.0	393.2	S		0	0	C	C	0	0	1
FAGA215	0.0	393.7	X		0	0	0	C	0	0	1

123PRR4 GRUN DOWN-HOLE SPLINES (DH020)

DDH: FAGA215 UTM-N: 905,057.3 UTM-E: 592,358.7 UTM-ELEV: 1,302.8 TOTAL DEPTH: 394.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA215	1	2
FAGA215	2	2
FAGA215	3	2
FAGA215	4	2
FAGA215	5	2
FAGA215	6	2
FAGA215	7	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 10:42:10

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: October 5/81

Hole Number: FAGA215 (81-A215)

Project: 1981 GRUM DRILLING

Location: VANGORDA PLATEAU

Claim: —

UTM ~~Terr. Plane~~ Co-ords.: 6905057.3 N

CAMC Mine Survey: 592358.7 E

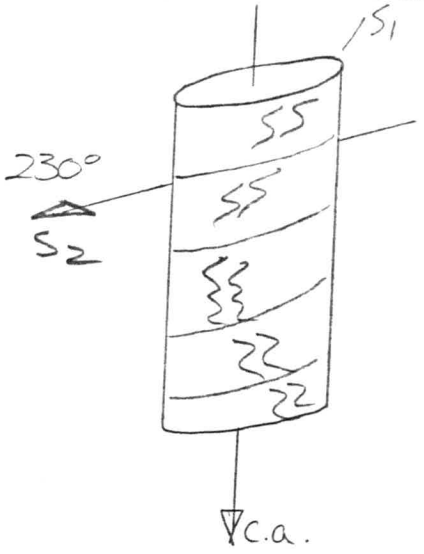
Grid Co-ords: 74W

7N

Elevation: 1302.8 m

Total Depth: 394.4 m.

Reference Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Purpose: To confirm fold hinges, faults and explore ore @ depth.

Reason hole Terminated: Mt. Mye Formation for 50m @ EOH.

Logged by: PSI

Date(s) Logged: September 28-Oct. 5/81

Drilling Contractor: Arctic Diamond Drilling Ltd

Size	CORE From	To
NQ	31.0	394.4

Collar Cased and Capped: ____

Hole Cemented: No

Steel down hole: No

Started: Sept 11/81 Completed: Sept 18/81

Cyprus Anvil Mining Corp. Page 2 of 18

DDH FAGA215 (2–8)

Diamond Drill Core Log Date: _____ Logged By: [illegible]

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	FAGA215	1302.8	9050573.	592358.7	metres	52	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2–8	10–14	22–26	28–32	34–56
R	FAGA215	00	180.0	9.0	AT COLLAR
R	FAGA215	649	174.5	123.0	SPERRY SUN
R	FAGA215	1442	169.5	105.0	
R	FAGA215	2051	167.5	105.0	
R	FAGA215	2661	167.0	103.0	
R	FAGA215	3271	164.5	93.0	
R	FAGA215	3889	163.5	89.0	

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

DDH FACA215 (2 / 8) Cyprus Anvil Mining Corp. Page 3 of 18

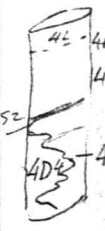
Lithologic Log Date: Sept 23/81 Logged By: RST

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	0 0	3 1 0		1	*	Overburden triconed & casing.
L	3 1 0	5 3 7		2	5 B 3 8	(5D3) variably chloritic, calcareous 5B
						5D3 developed at 36·8-37·7, 46·0-46·7, 53·0-
						53·7. Minor qtz veins < 0·2m chlorite margins @
						31·5, 32·5, 43·4 all // Sz. Gouge @ 37·5 (0·1m), 44·4 (0·1m)
						From 39·0 - 49·0 hairline CO_2 filled fracs. // sub //
						to 20° to c.a. Lower cut shear 20° - // to c.a.
L	5 3 7	5 6 7		3	5 B 2 6	±3±9 Transitional unit variably non to moderately
						calcareous. Highly fractured with CO_2 healing.
						2% py. qtz minor sph noted in qtz veinlet (3cm) @ 56·3
						chlorite above vein for 0·1m lower cut shp.
L	5 6 7	5 7 8		4	5 A 6	±9 (4L84/4C0) 4L84 @ start (0·1m) & 57·4 (0·1m)
						2cm qtz vein @ 57·1 with minor py.
						4C0 over last 0·2 m sericite fractured lower
						c.a. to c.a.
L	5 7 8	6 0 5		5	5 A 0	±1±9 very weakly calc. transitional unit
						5A to 5A19 ⇒ approach 4A @ 58·2 (0·3m)
						and 59·7 (0·2m). Gouge @ 60·0-60·5
L	6 0 5	6 1 7		6	5 A 1	±9 Transitional more siliceous than 5 minor
						pyrite
L	6 1 7	6 7 0		7	4 A 0	(5A19) Grading from unit 6 to 4A0 grey calc
						unit with minor pyrite @ 5A19 over last 0·3m
L	6 7 0	7 3 8		8	4 A 0	(4C0) Increasing py and sph, gn from top
						to bottom of unit. 4C0 over last 0·1m
						Gouge at 69·9 (0·1m), shear // Sz at 71·8.
L	7 3 8	7 5 4		9	5 D 4 *	Buff. weakly calc. fracture sub // Sz 74·3
						sub // ca through next 4 or 5 units. lower
						cut bx sub // ca.
L	7 5 4	7 6 1		10	4 D 0	weakly bx sub // ca. sph gn +10% Pb+Zn
L	7 6 1	7 7 0		11	4 C 0	minor py close to 4B. fracture thin length
						sub // ca.
L	7 7 0	7 7 5		12	4 D 0	sulphides predominantly sph, gn. 6% Pb+Zn
						high SiO_2
L	7 7 5	7 7 8		13	4 D 4 7	weakly bxtd po at start 3cm and middle of
						unit.
H	7 7 8	7 8 3		14	4 E 0	(4H4, 4E4) Bx po replacing py in bx. Bld // ca
						lower cut fracture

DDH FAGA215 (2–8) **Cyprus Anvil Mining Corp.** Page 4 of 18

Lithologic Log Date: _____ Logged By: RST

Code	From	To	Recov.	No.	Unit	Description
	10–14	16–20	22–24	26–28	30–34	35
L	7,8 3	7,8 7		1 5	5D,4*	buff altered SD. sharp lower cnt.
L	7,8 7	7,9 7		1 6	4E Q	(4D4, 4H0) Bx po replacing po in bx. 4D4 frags in 4E, 4H matrix.
L	7,9 7	8,0 3		1 7	4A Q	fault shear 20° to c.a. bxtd.
L	8,0 3	8,2 2		1 8	4D,4	(4A0)
L	8,2 2	8,3 1		1 9	4A,0	(4D4) shear gouge zone 20° ca.
L	8,3 1	8,6 3		2 0	5A,1	[4A0] less <2§ py transitional unit. Crackle bx over 0.3m at start CO_3 veins, finely fractured over length CO_3 filled. // ca.
L	8,6 3	8,9 5		2 1	5A,1,3	9 [4A*] transitional unit high C & phyllite & pushes it to 5A. 2-5§ py also fractured CO_3 filled sub// ca.
L	8,9 5	9,6 3		2 2	5B,3	2 9 weakly calcareous with variably py though overall <2§. Gouge over last 0.1m.
L	9,6 3	9,9 8		2 3	5A,3,9	[4A*] weakly calcareous transitional unit similar to 21 0.1m gouge // S_2 @ 98.3.
L	9,9 8	10,1 0		2 4	4A,1,3	(4C0) increasing in py content to end of unit where 4C0 over last 0.1m.
L	10,1 0	10,1 5		2 5	5C,4*	ank weakly fuchsitic 5C.
L	10,1 5	10,2 4		2 6	4L,1,2	(4C0) 15§ py. grades to 4C at end of unit
L	10,2 4	10,2 8		2 7	5C,4*	chloritic calc.
L	10,2 8	10,3 3		2 8	4D Q	6§ py
L	10,3 3	10,3 7		2 9	5C,4*	fuchsitic ank. buff colored.
L	10,3 7	10,6 6		3 0	4A A	6§ Pb+Zn.
L	10,6 6	10,7 3		3 1	4C Q	(4L*6) 4L*6 in 2-0.1m bands over 1st 0.4m. 15§ py
L	10,7 3	10,8 5		3 2	4A,1 4	(4A13) increase in Pb+Zn to end of unit from 4A13 start of unit.
L	10,8 5	11,1 0 3		3 3	4L,0	(4D4, 4A4) The 4D4, 4A4 occur in fold nose over last 0.3 m of unit. Neat.
L	11,1 0 3	11,1 1 8		3 4	4L,0	(4H0) 4H at start of unit only and end 0.1m.
L	11,1 1 8	11,2 2 8		3 5	4L,0	(4C3) mixed unit 4L0 - 4C3 bands avg 0.2m
L	11,2 2 8	11,3 3 5		3 6	4L,3	(4L0, 4D4) 15§ pyrite 10§ 4L0, 1 0.1m band 4D4
L	11,3 3 5	11,4 4 4		3 7	4L,3	(4D4) 0.1m 4D4 in middle of unit.
L	11,4 4 4	11,5 8 8		3 8	5C,4*	(4D4, 4L0) M region increasing to 4L0 to end 4D4 over last 0.1m.



DDH FAGA215 (2–8) Cyprus Anvil Mining Corp. Page 5 of 18

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	1158	1174		39	5B6	(5B4, 4LO, 4D4) also Mregion so mixed unit 4D4 over 3cm 0.2m from unit end.
L	1174	1193		40	5B6	(5B4) 0.4m of altered 5B6 in middle of unit
L	1193	1209		41	4L14	(5B6, 4C3) 4C3 at start and end of unit 0.1m. 4L14, 5B6 in middle of unit.
L	1209	1220		42	4LO	(4L*) 4L* over last 0.2m. minor gouge //S2 at start of unit.
L	1220	1230		43	4A14	(4L*) 0.1m of 4L* at start and 0.05m near end of unit.
L	1230	1233		44	4DA	
L	1233	1291		45	4A14	+7% PbZn some bands near start of unit close to 4D4 in appearance
L	1291	1323		46	4A13	(4A14) similar to previous unit except Py predominates. <5% PbZn minor 4A14 bands, fractured sub// ca @ 130.3 - 131.0 minor ba at 131.0 sharp lower cont //S2
L	1323	1369		47	5B62	minor CO_3 veinlets 0.1m gtz vein @ lower cont
L	1369	1400		48	5A3	±9:1 minor Py @ SiO_2 laminae
L	1400	1419		49	5A13	(5B38) minor 5B38 weakly chlorite over 0.3m near start of unit. weakly calcareous
L	1419	1439		50	5A13	9 weakly calc transitional unit close to 4A's. 142.3-142.7 CO_3 filled frac //Ca.
L	1439	1467		51	4A*	(5A18°, 4LO) bands of 4A* and 5A139. weakly calc. 4A slightly >Py than previous unit greater SiO_2 4LO 144.0 - 144.2
L	1467	1476		52	5C*4	1 weakly altered 5C
L	1476	1543		53	5B6	±2±3 weakly calcareous in parts. minor gtz vein //S2 151.6 2cm gouge //S2 narrow gtz vein //S2 over last 0.2m.
L	1543	1571		54	5B6	(5B62) Narrow bands of 5B62 156.6 weak shear develop //S2
L	1571	1584		55	5B6	±9 gouge and shear Sub// c.a. minor Py and CO_3 as veinlets
L	1584	1600		56	5B62	(5A19) transitional unit thru 5B62 to 5A19 at end.

4C3
5B6
4L14
4C3

DDH F.A.G.A.2.1.5 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

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Date: _____ Logged By: PST

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
L	1600	1606		57	4A0	graphitic transitional from previous unit
						minor sph, <5% py.
L	1606	1612		58	5A19	gouge 0.3m rec.
L	1612	1618		59	4A13	(4A14) 0.1m rec.
L	1618	1624		60	4D0	(4A0) 50% gouge 4D0 at start 4A0 @ end.
L	1624	1840		61	5B6	minor CO_3 veinlets Gouge @ 166.0 (<0.1m)
						168.6, 184.7-185.3 shear & gouge //Sz, shear
						@ 171.9 (0.2m)
L	1840	1857		62	5A6	±9 minor py transitional to 5B6. gouge over 0.1m
						at end of unit.
L	1857	1930		63	5B6	Quite broken unit. gouged @ 186.4 (0.4m) //Sz
						187.9 (0.1m) Broken from 188.1 - 192.2
						poss. drillers goo.
L	1930	1942		64	5B32	weakly calcareous
L	1942	1984		65	5B6	(5B62) minor py in narrow fractures in places interbanded
L	1984	2010		66	5B6	(4A0) Bx & gouge //Sz?
L	2010	2069		67	5A6	±1±9 50% of unit gouged broken.
L	2069	2084		68	5B62	fractured weakly sub// c.a.
L	2084	2108		69	5B62	±9 transitional unit close to 4A0 phyllite
						qtz veinj in middle and towards end
						of unit
L	2108	2134		70	4A0	graphitic this unit transitional and approaching
						5A19. 50% gouge from 211.5 - 212.1
						broken lower cut.
L	2134	2139		71	4E4*	(4A0) Bx 4A0 fragts in 4E4* weakly calc
						matrix. minor CO_3 clots.
L	2139	2147		72	4E4*	(4D4) 0.1m 4D4 @ start of unit weakly
						calc 4E4.
L	2147	2150		73	4L*	(4A0bx) bxtd 4A0 over last 0.1m of unit.
L	2150	2154		74	4K4	(4E0 por) large calc clots in 4K4 4E0 por
						at start over 0.1m).
L	2154	2157		75	4A0	(4E0) BX. 4E0 clasts in 4A0 matrix.
x L	2157	2193		76	4G4*	weakly calc. 4G4 honey sph.
x L	2193	2203		77	4G4*	(4K4) 1st ½ of unit 4K highly pyritic 4G4*
						is bxtd. CO_3 clasts. slickenside 20° to c.a
						4K also fracture sub//c.a. cut lower 20° c.a. fracture.

DDH FAGA215 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

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Date: _____ Logged By: RST

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	2203	2225		78	4G4*	(4E4 por) weakly calc fractured 20° ca. over length
						4E4 por overlast 0.2m of unit
L	2225	2231		79	4A14	wisply graphite bands
L	2231	2234		80	4L*	[5C4*]
L	2234	2304		81	5B62	(4L0, 5A6) mixed and broken unit to
						226.8 minor altered bands to end
						of unit quartz veining 227.7 – 228.6
L	2304	2428		82	5B6	±2 transitional unit. broken core 231.7
						to 238.0 weak fracturing sub//ca
						apparent gouge @ 235.6, 238.0
						maybe drillers goo. minor calc fractures
L	2428	2459		83	5B6	minor CO_2 fractures weak shearing at
						243.4 (0.2m)
L	2459	2471		84	5D4*	(5B6±8) variably chlorite calcareous
						phyllite.
L	2471	2477		85	5C3	calcareous chloritic banding
L	2477	2486		86	5B6	[3G0] Pervasive S_2 noncalc phyllite
L	2486	2498		87	4L7	[3G4] weakly altered phyllite + minor po.
L	2498	2524		88	4L0	±7 (0Q0) minor po on S_2 50% qtz veining
						//S_2 . CO_2 filled fractured 250.2 – 250.7 //ca
L	2524	2601		89	5B6	[3G0] non-calc phyllite minor CO_2 in fractures
L	2601	2607		90	10Q0	+ minor CO_2
L	2607	2610		91	5B6	[3G0] cf. 89
L	2601	2624		92	3B7	[5C3] biotitic calcareous phyllite qtz vein
						0.2m at 261.5.
L	2624	2674		93	3G0	(0Q0) biotite developed irregularly narrow
						qtz veining thru out length 20% of unit.
L	2674	2693		94	5A6	(5B6) transitional unit interbanded
L	2693	2700		95	5A6	(4L0) Gouge
L	2700	2707		96	3G4	(4L0) transitional unit to 270.6 3G4 then
						4L0 then last 0.1m 3G4.
L	2707	2745		97	5B62	(5B6) transitional unit interbanded. sharp lower cnt
L	2745	2764		98	4L*3	(0Q0) weakly calcareous, qtz veining near
						start of unit. broken interval.
L	2764	2782		99	4E*	(4E* por, 4E8) weakly calcareous with magnt.
						in places thru out. porous over 0.2m near end

C.A.M.C. 1981 – E-3

276.6 to E of unit fractured //ca with calc. filling. sharp lower cnt.

DDH FAGA215 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

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Date: _____ Logged By: PBT

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	2782	2792		100	4L*3	Gouge. sharp lower cnt.
L	2792	2807		101	4L7	(4H4) 0.1m 4H4 at start of unit poss. frag in gouge.
						4L7 with 3% po.
L	2807	2819		102	5B34	broken interval weakly calcareous
						lower 0.6m GOUGE weakly altered
L	2819	2838		103	5B62	(5B4) broken interval weakly altered
						in places.
L	2838	2861		104	5B4	(5B6) weakly altered to 5B6
L	2861	2866		105	4L3	(OQO) Gouge minor qtz veining
L	2866	2878		106	4E4	±* Bx bxtd in bands @ 55° to c.a
						bx zones calc matrix with 4E4 frags These
						zones are 60% of unit.
L	2878	2886		107	4E4*	weakly calcareous fractured sub // c.a.
L	2886	2901		108	4E*	weakly calc. <10% Pb+Zn sulphide
						supported bx from 289.0 - 289.6 bx lower unit
L	2901	2916		109	4E8*	fractured bxtd unit. fractured bxtd
						0-20° to c.a
L	2916	2926		110	4E8*	(4E648*) weakly calcareous, mgt bearing 4L=
						mgt as bands on Sz. baritic band
						appears at 0.3m from end of unit. transitional
						cnt to next unit over 0.1m. frac. // c.a. weak bx.
L	2926	2938		111	4G48	±* v. weakly calc. mgt as narrow laminae.
L	2938	2945		112	4G4	±* similar to 111 except no mgt. weak frac // ca.
L	2945	2948		113	4D48	weakly bxtd.
L	2948	2972		114	4E18	(4C8) varying proportions of SiO_2 vs py to +80%
						characterize this unit. minor <1cm CO_3
						clots @ 295.1 (0.1m) minor qtz ven's 0.1m @ 0.3m from end.
L	2972	3009		115	4C38	* (4E18) very weakly calcareous in places. SiO_2 50%
						overall: banded. Mgt as bands to 2-3cm width.
						4E in bands to 0.1m as interbands.
L	3009	3016		116	4D4	increase in sph gn content no mgte. minor thin
						fralts with CO_3
L	3016	3069		117	4C38	(4L6) banded with +60% SiO_2 mgt in bands
						2-3cm // Sz minor cp in fractures over last
						metre 4L6 @ 302.1 (0.2m)
L	3069	3075		118	4C8*	10% py mgt bands on Sz weakly calc.

DDH FAG A215 (2–8)

Cyprus Anvil Mining Corp.

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Date: _____ Logged By: PBT

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	3075	3126		119	4C37	89 with narrow sericite bands cp increasing to end of unit in fractures (narrow) mgtc as bands and po replacing py in places. 20% py. approaching 4E at 311.1 (0.2m). increase in sericite to transitional lower cnt over 0.6m but still sharp
L	3126	3135		120	4L6*	(3D7) [5C*4] weakly altered chloritic phyllite chlorite ⇒ biotite in places. remenant streched chlorite clots!
L	3135	3148		121	4L*3	(4E0) bx. minor 15% 4E frags in 4L*3 matrix Sz seems to dominate bxn.
L	3148	3153		122	4L12	except for high sericite content this unit close to 4C0. 5% py.
L	3153	3235		123	4L0	±3 normal 4L 2% py bxtd gouge at 321.5 (0.1m)
L	3235	3262		124	4L0	70% gouge & bx. // Sz
L	3262	3278		125	4L0	(5B62) 80% gouge 5B62 more to FW.
L	3278	3322		126	5B62	[3G9] dark carbonaceous - not graphitic - phyllite quite broken unit - drillers! 328.5-329.8 mislatch. 328.0 gouge 0.1m 50% ca. PSZ
L	3322	3324		127	3B*	chloritic phyllite weakly calcareous
L	3324	3422		128	3G9	[5B62] PSZ dark grey cf. 126 340.6 0.2m shear, 0.3m qtz vein below shear.
L	3422	3477		129	3G9	(3B3) narrow interbands chloritic weakly calcareous phyllite with variable amounts chl. ⇒ biotite in dark grey carbonaceous phyllite 3B3 10-15% of unit
L	3477	3539		130	3E0	(3B3, 3E16) minor narrow bands <0.1m 5% of unit of 3B3 cf unit 129. 3E16 ⇒ v. close to 4A0 @ 348.8-349.5, 350.5 (0.2m), 351.4 (<0.1m) however within these 3E16 bands py variably replaced by po. Gouge 352.2-352.6.
L	3539	3694		131	3G0	(3B3) cf. unit 129 with 3B3 bands with chlorite variable ⇒ biotite. shears @ 359.8 + qtz vein (0.3m), 361.4 (0.2m) 361.8 (0.3m)

see corrections by DSJ/GAS

DDH FAGA215 (2–8)

Cyprus Anvil Mining Corp.

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Date: _____ Logged By: PBT

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	3694	3736		132	3D6	[5B3] dark grey variably biotitic
						calcareous phyllite. minor py in calc
						fractures.
L	3736	3753		133	5A39	±1 Calcareous graphitic phyllite pyrite 5%
						along S2 minor narrow pyritic SiO2 bands close
						to 4AO graphitic. Gouge @ start 0.2m poss. drillers go
L	3753	3757		134	5A69	Similar to previous unit but non calc.
L	3757	3769		135	5A19	(4AO) Highly siliceous to 376.3 qtz vein?
						4AO 376.3 - 376.6 pyrite in places ⇒ po.
L	3769	3830		136	3G0	(3B3) minor narrow bands chlorite ± biotite
						calc. phyllite hairline fractures throughout filled
						with CO3 minor po as S2 lams. fracs sub // ca.
L	3830	3856		137	3D6	[5B3] (3EO) similar to previous unit
						except higher CO3 content. 3EO @ 383.8 (0.3m)
L	3856	3869		138	3G0	fractured 3GO with hairline CO3 filled
						fractures.
L	3869	3873		139	3E63	Gouge minor pyrite and calcite in matrix.
L	3873	3886		140	3E6	±3 (OQO) calcite in fractures on HW. OQO
						379.3 - 379.7
L	3886	3895		141	3G4	Weakly altered 3G broken core.
L	3895	3902		142	3G0	
L	3902	3927		143	3C43	weakly altered banded Chlorite - calc. [5C43]
						fracture // c.a. broken core. gouge
						391.9 - 392.6
L	3927	3944		144	3G0	Minor CO3 on hairline fracs. shear @ 393.2 (0.2m)
						bx @ 393.7 (0.1m)
						EOH @ 394.4m

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Cyprus Anvil Mining Corp.

Lithologic Log

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Date: 28 Aug 82 ~~Logged~~ checked By: DSJ/GAJ

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
		3234			4L2	locally ±5 probably derived in part
						from 5D4*
L	3234	3278			4L0	gouge & Bxn. (360±9) tr toward base.
L	3278	3322			3609	v. weakly but homogenously carbonac.
						not 369 and not striped ie not 360±9
L	3322	3325			3B*	[5D*dol] banded
L	3325	3478			3609	weakly but homogly carbonac -
						very minor tuff bands - 1cm
						at 337.1 color graded.
L	3478	3540			369	(3B3) homogenously carbonaceous dosent
						dirty fingers except with mud
						349.9-350.1 : 3B3 bio
						last 6m more carbonac - dk grey
						folia above that dk med grey
						folia
L	3540	3734			360	(0Q0)(369)(360 bio + calc act)
						last unit is med dk greenish grey ps2?
						foliated with foln surfaces = micro faults
						with slicks in part - not normal 3D
						at all (ie not calcsilicate equivalents of
						5B0) but has a calcsilicate look to it
						since has green and brown as well
						as grey discontinuous bands to lamine
						maybe an analog to make Belive fault
						foln steeper and more irregular than
						rx above and below which have
						excellent PS2
L	3734	3756			369	strongly broken thruout. 0Q*dol unit
						ends in what was logged as 5A19
						which it isnt only mineraliz is po
						on S2 and in an 0Q* vein. -
						unit has dk grey locally black folia
						and is → 5A
L	3756	3887			3609	weakly carbonac.
L	3887	3911			364	→ 4L0 (5D4*) ← 390.2-391.0

Folia dk med grey

L 391.1 392.2 5C*dolo

L 392.2 394.4 360±4 minor dolo.

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[illegible] see RST log for faults etc

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Structural Log Date: _____ Logged By: RST / LMT

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		313 2	CS12	M			70 230	
S		1312 4	C1S12	Z			615	
S		1313 2	C1S12	W			610	
S		1316 0	C1S12	M			710	
S		1318 2	C1S12	E			710	
$	1318 9	1411 4						CO_3 filling fracts. sub // to C.A ≈ same azimuth as S_2
S		1414 7	C1S12	B			615	
S		1416 2	C1S12	S			710	
S		149 2	C1S12	S			515	
S	1511 1	1513 8	1 INID	P	815 1910		410	Fault gouge sub // CA. From 50.3 to 53.4 (Rec 1M)
$	1513 8	1517 2						Numerous CO_3 veinlets sub // to CA
S		1517 2	C1S12	S			510	
$		1518 8	C1S12	S				Post D_2 fold syncline SE limb dips to N
S		1518 3	C1S12	S			610	
S		1610 7	C1S12	M			615	60.0 - 60.5 fault gouge
S		1613 6	C1S12	M			710	
S		1617 2	C1S12	M			615	
S		1618 2	C1S12	Z			610	
S		1711 1	C1S12	Z			610	69.9 fault gouge
S		1712 9	C1S12	Z			710	
$	1714 4	1759			910 1910			fract. sub // to CA
S		1767	1 INID	R			610	comp. banding
$	1767	1783						fract sub // to CA
$		1773						contact // S_2
$	1787	1803						sulphide supported Bx
$	1803	1804			315 1810			shear = S_0
S	1827	1833	1 INID	R	210 1810		710	shear = S_0
$	1833	1837						gouge
S		1842	1 INID	P			515	
$	1850	1870						Numerous CO_3 veins sub // to CA / 90° to S_2 azimuth
S		1855	C1S12	N			515	

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Structural Log Date: _____ Logged By: RST/LMT

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		1872	CIS12	M			610 2310	
S		1892	CIS12	B			615	
S		1912	CIS12	M			610	
S		1920	CIS12	B			610	
S		1947	CIS12	S			615	
S		1966	CIS12	Z			515	96·2 Gouge pass drillers good
S		1980	CIS12	E			610	98·3 gouge (0.1m) 11 Sz
S		991	CS2	S			40	Afflicted by post D2 folding
								folding S2
S		1023	IND	R			75	
S		1040	CS2	E			65	
S		1065	CS2	S			65	
S		1080	IND	R			60	
S		1110	IND	H				Sz ⊥ ca
S		1128	IND	R			75	
FS	1140	1144						weak shearing 55° to ca
S		1154	CS2	M			80	
S		1168	IND	P			70	
S		1188	CS2	S			80	
FS	1209	1216						fracture zone 30° to c.a.
S		1226	CS2	E			65	
S		1256	CS2	E			65	
S		1275	CS2	Z			60	
S		1297	CS2	S	10	160	50	fracture So = fracture
FS	1297	1311						Above fracture continues in new box
								developed.
S		1321	CS2	S			60	
S		1350	CS2	S			70	
S		1363	CS2	M			70	
S		1391	IND	D			75	
S		1405	CS2	B			80	
S		1426	CS2	S			80	
S		1425	CS2	B	10	350	70	fract on So
S		1450	CS2	E			65	139·8 0·1m gouge 145·3 0·1m
FS								gouge
S		1467	CS2	S			60	

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Cyprus Anvil Mining Corp.
Structural Log

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Date: _____ Logged By: RBT

Code	From	To	Feature	Sym	S_0 Dip	S_0 Direct.	S_1 Dip	S_1 Direct.	S_2 Dip	S_2 Direct	Description
1	10–14	16–20	22–24	26	28	32	34	38	40	44	
S		1481	CS2	S					60	230	
S		1513	CS2	Σ					70		
S		1533	CS2	Z					70		
S		1548	CS2	Z					70		
S		1553	CS2	S					70		weak shear // S2 @ 156.1
S	1561	1584			10	90			60		Gouge shear zone So = azimuth
S		1588	CS2	Z					60		
S		1597	CS2	3					75		
S	1606	1624									Gouge & ground core poor Rec.
S		1636	CS2	3					70		
S		1665	CS2	S					80		
S		1692	CS2	S					75		
S		1706	CS2	Z					75		
S		1711	CS2	3					80		
S	1718	1720			20	340					shear zone = So
S		1749	CS2	Σ					70		
S		1763	CS2	M					70		
S		1783	CS2	M					80		
S		1803	CS2	Σ					70		
S		1818	CS2	S					70		
S	1820	1825	IND		40	20			75		Shear gouge = So
S		1839	CS2	3					70		185.5 gouge 0.2m
S	1867	1873									shearing & minor gouge 40° to ca.
S	1881	1890									minor shear zones // S2
S		1891	CS2	Z					65		190.0 0.1m gouge // S2
S		1940	CS2	Z					75		
S		1954	IND	P					70		
S		1969	CS2	Z					70		
S	1981	2069									fault zone 40% gouge, 40° to ca
S		2080	CS2	Z					70		209.5 0.1m gouge // S2
S		2102	CS2	Z	40	00			70		shear @ ∠ to ca
S		2125	CS2	Z					70		
S	2135	2157									bx zone 30% bx poss
											@ 50° to c.a
S		2163	IND	R	10	330			70		comp banding So = fracture
											continuing to 222.5

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Structural Log Date: _____ Logged By: RBT

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		2192	IND	R			80 230	comp banding
$	2200	2204			20			Bx So = slickeside surface
S		2235	IND	H				⊥ ca
$		2251						gouge 0.3m
S		2295	IND	H				
S		2324	CS2	Z			70	232.4 - 235.6 fract // ca.
S		2377	CS2	3			75	237.8 - 238.0 gouge
S		2390	CS2	S			80	
S		2405	CS2	S			70	
S		2415	CS2	Σ			80	
$		2434						bx shear zone 0.2m // Sz
S		2448	CS2	M			70	
S		2473	CS2	3			80	
S		2496	IND	P			75	
S		2548	CS2	S			65	
S		2587	CS2	S			75	
S		2619	CS2	Σ			65	
S		2645	CS2	Z			80	
S		2676	CS2	3			75	
S		2717	CS2	Σ			60	
S		2742	CS2	Z			85	
$	2782	2792						Gouge. fractured rock for
								0.3m above this zone.
S		2801	CS2	M			60	
S		2810	CS2	Σ			65	
$	2813	2819						Gouge.
S		2846	CS2	M			70	
$	2861	2880						Gouge to 286.5 bx to end.
								bx boundries sub // Sz
$	2901	2916						bx along fract // Ca.
S		2919	IND	R			60	comp. banding
S		2944	IND	R			50	" "
S		2986	IND	R			60	" "
S		3020	IND	R			55	" "
S		3074	IND	R			60	" " Poss fold nose at
								309.1

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Structural Log Date: _____ Logged By: PST

Code	From	To	Feature	Sym	S_0 Dip	S_0 Direct.	S_1 Dip	S_1 Direct.	S_2 Dip	S_2 Direct	Description
1	10–14	16–20	22–24	26	28	32	34	38	40	44	
S		313 4	CS2	Z					65	230	
$	313 5	314 8									Gouge & bx zone //S2
S		317 4	IND	P					65		
S		321 3	IND	P					65		Gouge //S2 321.5 (0.1m)
S		323 9	IND	P					70		Gouge //S2 324.0–327.8
$	328 2	330 9									Gouge broke core.
S		332 2	IND	P					50		0.2m gouge 334.4
S		336 8	IND	P					70		
S		338 9	IND	P					80		shear at 339.2–339.8
S		341 6	IND	P					75		
S		343 8	IND	P					60		
S		346 7	IND	P					70		Post D2 folds folding S2
S		351 4	IND	P					80		
$	352 1	352 6									Gouge
S		354 1	IND	H							⊥ to ca.
S		356 6	IND	P					80		
S		359 5	IND	P					70		
$	361 3	361 5									shear
S		364 5	IND	P					75		
S		369 1	IND	P					75		
S		372 3	IND	P					65		Gouge 373.5 (0.2m)
S		377 2	IND	P					80		nb post D2 folding of S2
S		379 2	IND	P	90	00			80		fracture //ca = S0
S		380 1	IND	P					80		
S		382 0	IND	H							⊥ to ca
$	386 9	387 3	IND	P							Gouge //S2 post D2 folding
											quite evident
S		388 1	IND	P					65		
$	389 0	391 9									broken core due to fracture
											//ca
S		392 0	IND	P					65		
$	392 1	392 6									Gouge 50%
S		394 1							60		
											EOH @ 394.4

DDH FAGA215 (2 8) Cyprus Anvil Mining Corp

Logged by ST

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
P	1617	1637	122513	20	09	4A0	(5A19)
P	1637	1657	122514	20	15	4A0	(5A19)
P	1657	1670	122515	13	13	4A0	(5A19)
P	1670	1690	122516	20	17	4A0	
P	1690	1710	122517	20	18	4A0	
P	1710	1724	122518	14	14	4A0	
P	1724	1738	122519	14	11	4A0	(4C0)
P	1754	1761	122520	07	06	4D0	
P	1761	1770	122521	09	09	4C0	
P	1770	1778	122522	08	08	4D0	(4D47) 4D47 overlook 0.3m
P	1778	1783	122523	05	05	4E0	(4H4, 4E4)
P	1787	1797	122524	10	07	4E0	(4D4, 4H0)
P	1797	1803	122525	06	06	4A0	shear.
P	1803	1822	122526	19	09	4D4	(4A0)
P	1822	1831	122527	09	07	4A0	(4D4)
P	1831	1851	122528	20	18	5A1	[4A0]
P	1851	1863	122529	12	11	5A1	[4A0]
P	1998	2010	122530	12	12	4A13	(4C0)
P	2015	2024	122531	09	06	4L12	(4C0)
P	2028	2033	122532	05	05	4D0	
P	2037	2052	122533	15	14	4A4	
P	2052	2066	122534	14	14	4A4	
P	2066	2073	122535	07	06	4C0	(4L×6)
P	2073	2085	122536	12	12	4A14	(4A13)
P	2085	2103	122537	18	18	4L0	(4D4, 4A4)
P	2103	2118	122538	15	15	4L0	(4H0)
P	2118	2128	122539	10	10	4L0	(4C3)
P	2128	2135	122540	07	07	4C3	(4L0, 4D4)
P	2135	2144	122541	09	08	4L3	(4D4)
P	2144	2158	122580	14	13	5C4X	(4D4, 4L0)

DDH FAGA215 Cyprus Anvil Mining Corp

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Logged by [illegible]

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
P	1193	1209	12281	16	16	4L14	(5B6, 4C3)
P	1209	1220	12282	11	10	4L0	(4L*)
P	1220	1230	12283	10	09	4A14	(4L*)
P	1230	1233	12284	03	03	4D4	
P	1233	1253	12285	20	19	4A14	
P	1253	1273	12377	20	19	4A14	
P	1273	1291	12286	19	18	4A14	
P	1291	1311	12287	20	19	4A13	(4A14)
P	1311	1323	12288	12	11	4A13	(4A14)
P	1439	1467	12289	22	22	4A*	(5A139, 4L0)
P	1600	1606	12290	06	06	4A0	
P	1606	1618	12291	12	11	5A19	(4A13, 4A14)
P	1618	1624	12292	06	05	4D0	(4A0)
P	2108	2121	12293	13	12	4A0	
P	2121	2134	12294	13	13	4A0	
P	2134	2139	12295	05	05	4E4*	(4A0)
P	2139	2147	12296	08	08	4E4*	(4D4)
P	2147	2150	12297	03	03	4L*	(4A0 bx)
P	2150	2154	12298	04	03	4K4	(4E0 por)
P	2154	2157	12299	03	03	4A0	(4E0) Bx
P	2157	2173	12300	16	15	4G4*	
P	2173	2193	12301	15	14	4G4*	(4K4)
P	2193	2203	12302	15	14	4G4*	(4K4)
P	2203	2225	12303	22	21	4G4*	(4E4 por)
P	2225	2231	12304	06	06	4A14	
P	2764	2782	12305	18	17	4E*	(4E* por, 4E8)
	2782	2792	12306	10		4L*3	
	2792	2807	—	15		4L7	(4H4)
	2861	2866	—	05		4L3	(0Q0)
P	2866	2878	12309	12	12	4E4	±* Bx
P	2878	2886	12310	08	08	4E4*	

DDH FAGA215 Cyprus Anvil Mining Corp

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Logged by FST

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
P	288.6	290.1	123111	1.5	1.5	4E*	
P	290.1	291.6	123112	1.6	1.5	4E8*	
P	291.6	292.6	123113	1.0	1.0	4E8*	(4E648*)
P	292.6	293.8	123114	1.6	1.5	4G48	±*
P	293.8	294.5	123115	0.7	0.7	4G4	±*
P	294.5	294.8	123116	0.3	0.3	4D48	
P	294.8	296.0	123117	1.2	1.1	4E18	(4C8)
P	296.0	297.2	123118	1.2	1.2	4E18	(4C8)
P	297.2	299.0	123119	1.8	1.8	4C38	* (4E18)
P	299.0	300.9	123120	1.9	1.8	4C38	* (4E18)
P	300.9	301.6	123121	0.7	0.7	4D4	
P	301.6	303.3	123122	1.7	1.7	4C38	(4L6)
P	303.3	305.1	123123	1.8	1.7	4C38	(4L6)
P	305.1	306.9	123124	1.8	1.8	4C38	(4L6)
P	306.9	307.5	123125	0.6	0.6	4C8*	
P	307.5	309.2	123126	1.7	1.6	4C37	89
P	309.2	310.9	123127	1.7	1.7	4C37	89
P	310.9	312.6	123128	1.7	1.7	4C37	89
P	313.5	314.8	123129	1.3	1.3	4L*3	(4E0)
P	375.3	376.9	123130	1.6	1.5	5A19	(5A69, 4A0) NB

DDH EAGA215 (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	
		37	S,G					
		444	G					
		537	S					20° to CA
	600	605	G					
		699	G					
		718	S			99 909		
	761	770	X					~11 CA
	778	783	X					
	787	797	X					
	797	803	FS					20° to CA
	822	83	S					
		963	G					
		983	G			99 999		
		1209	G					
	1303	1310	X					~11 CA
		1516	G			99 999		
		1566	S					
	1571	1584	GS			99 999		
	1606	1612	G	5				
	1612	1618	B	2				
	1618	16242	G					
		1660	G					
		16586	G					
	1847	18553	S,G			9,999,9		115₂
		1719	S					
		18557	G					
		18664	G					
		18791	G					
	1875	19303	B					
	1984	20110	XG					
	20110	20169	2G,B					
	21115	21212	G					
	21134	21139	D?					
	21154	21157	D?					
	21193	22203	X,F?					Steep?
	22334	22368	B					

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

DDH FAGA215 (2 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log 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	
	12311 7	12380	B					
		12356	G					
		12380	G					
		13144	S					
	12693	12700	G					
	12766	12792	1XG					11 CA
	12807	12838	B					
	12813	12819	G					
	12861	12866	G					
	12866	12872	D?					
	12890	12896	D?					
	12910	12916	X					0-20° to CA
	13135	13148	XG			99 9999		
		13241	5XG					
	13235	13278	2,6X					
	13285	13298	M,F?					
		13280	G					
		13406	S					
	13522	13526	G					
		13598	S					
		13614	S					
		13618	S					
		13736	G					
	13869	13873	G					
	13886	13895	R					
	13911 9	13926	BG					11 CA
		29325						
		13937	X					
	15003	15346	G	3				
	11140	11144	S					55° to CA
		13981	6G					
		14553	1G					

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

456-75-06

DRILL HOLE : 4567506

NORTHING : 905,183.0

EASTING : 592,571.0

ELEVATION : 1,299.9

TOTAL DEPTH : 157.3

SECTION : W 72

R.F.E. : S2

RFE DIRECTION: 230

PLUNGE ANGLE : 11

PLUNGE DIRECT: 312

DHD CALC: 1

SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 16

NOS DOWN-H-SURVEYS: 3

NOS DOWN-H-LITHOLOGY: 11

NOS DOWN-H-STRUCTURE: 13

NOS DOWN-H-FAULTS: 7

NOS DOWN-H-SPLINES: 3

NOS COMPOSITES: 0

DDH: 4567506 UTM-N: 905,183.0 UTM-E: 592,571.0 UTM-ELEV: 1,299.9 TOTAL DEPTH: 157.3 SECTION: W 72
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.
76.5	77.4	92087	.9	.0	4C5		.02	.18	.21			.17									
77.4	78.6	92088	1.2	.0	4L14		.06	.43	.47			.17									
78.6	79.9	92089	1.3	.0	4L14		.04	.20	.29			.17									
79.9	81.4	92090	1.5	.0	4L14		.05	.87	.86			.34									
98.8	101.8	92091	3.0	.0	4LO		.02	.01	.01												
101.8	105.5	92092	3.7	.0	4LO		.02	.01	.01												
105.5	108.8	92093	3.3	.0	4LO		.02		.01												
108.8	111.9	92094	3.1	.0	4LO		.02	.01	.01												
111.9	118.0	92095	6.1	.0	4LO		.02	.01	.01												
118.0	122.2	92096	4.2	.0	4LO		.02		.01												
122.2	126.2	92097	4.0	.0	4LO		.02		.01												
126.2	128.6	92098	2.4	.0	4LO		.02		.02												
135.0	138.1	92099	3.1	.0	3G84		.03		.01												
138.1	141.1	92100	3.0	.0	3G4L		.02	.02	.02												
151.3	151.9	92101	.6	.0	4CO		.07	.02	.01												
154.2	157.3	92102	3.1	.0	3G8		.02	.02	.02												
WEIGHTED AVERAGE																					
76.5	81.4		4.9	.0			.04	.45	.49			.22									
98.8	128.6		29.8	.0			.02		.01												
135.0	141.1		6.1	.0			.02		.01												
151.3	151.9		.6	.0			.07	.02	.01												
154.2	157.3		3.1	.0			.02	.02	.02												

DDH: 4567506 UTM-N: 905,183.0 UTM-E: 592,571.0 UTM-ELEV: 1,299.9 TOTAL DEPTH: 157.3 SECTION: W 72
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	175.500	32.000
121.900	166.000	93.000

DDH: 4567506 UTM-N: 9O5,183.0 UTM-E: 592,571.0 UTM-ELEV: 1,299.9 TOTAL DEPTH: 157.3 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
36.9	OCO1	#		0.5-	1
76.5	OCO2	3GC	&9 (1CQO)	0.5-	1
77.5	OCO3	4C5	(3G16)	0.5-	1
81.4	OCO4	4L14	[4CO PHYLLITIC]	0.5-	1
98.8	OCO5	3GC	&9 (1CQO)	0.5-	1
130.5	OCO6	4LC	&7 (1CQO)	0.5-	1
140.3	OCO7	3G84	(1OQC) 98:02	0.5-	1
141.3	OCO8	4LC		0.5-	1
151.3	OCO9	3GC	&9	0.5-	1
151.6	OC10	4CO	&7 PHYLLITIC [4L14 &7]	0.5-	1
157.3	OC11	3G8	(4C5) TRACE @ 154.8 M	0.5-	1

DDH: 4567506 UTM-N: 905,183.0 UTM-E: 592,571.0 UTM-ELEV: 1,299.9 TOTAL DEPTH: 157.3 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	PRCCESS
4567506	0.0	42.3		0	0	0	0	40	230	C	1	1	1
4567506	0.0	43.8		0	0	0	C	40	230	C	1	1	1
4567506	0.0	58.2		0	0	1	C	70	230	C	1	1	1
4567506	0.0	67.0		0	0	0	C	70	230	C	1	1	1
4567506	0.0	74.9		0	0	0	C	70	230	C	1	1	1
4567506	0.0	79.8		0	0	C	C	65	230	C	1	1	1
4567506	0.0	89.3		C	0	0	C	60	230	C	1	1	1
4567506	0.0	91.1		0	0	C	C	63	230	C	1	1	1
4567506	0.0	94.1		0	0	1	C	85	230	C	1	1	1
4567506	0.0	107.5		0	0	1	C	70	230	C	1	1	1
4567506	0.0	125.2		0	0	C	C	63	230	C	1	1	1
4567506	0.0	136.8		0	0	0	C	65	230	C	1	1	1
4567506	0.0	146.3		0	0	0	0	70	230	C	1	1	1

DDH: 4567506 UTM-N: 905,183.0 UTM-E: 592,571.0 UTM-ELEV: 1,299.9 TOTAL DEPTH: 157.3 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
4567506	93.9	94.1	XQ			0	0	0	0	0	0	1
4567506	98.7	99.3	G			0	0	0	0	0	0	1
4567506	107.8	108.9	GP	2		0	0	0	0	25	70	1
4567506	112.1	113.8	GP	5		99	999	0	0	99	999	1
4567506	119.1	119.3	GP	4		0	0	0	0	0	0	1
4567506	112.1	119.4	F			0	0	0	0	0	0	1
4567506	140.8	141.4	IG			0	0	0	0	0	0	1

DDH: 4567506 UTM-N: 905,183.0 UTM-E: 592,571.0 UTM-ELEV: 1,299.9 TOTAL DEPTH: 157.3 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
4567506	1	2
4567506	2	2
4567506	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 456 7506

Project: PROJECT 456

Location: VANCORDA PLATEAU – DOAL LAKE

Claim: RICH 36

Terr. Plane Co-ords.: 6905183.0 N

592571.0 E

location approx. on Doal Lake based on 1982 CANMC map of DDH locations

Grid Co-ords.: GRUM GRID 14N/72W

Elevation: DOAL LAKE 1299.9m

Fabric Orientation Diagram:

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

Total Depth: 516 ft = 157.3m

Purpose: Test up dip extension of GRUM deposit

Logged by: _____ Date(s) Logged: _____

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

Started: March 17, 1975 Completed: March 24, 1975

Cyprus Anvil Mining Corp. Page 2 of _____

DDH EA75B06 (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	4567506	1299.9	9951183.1	592571.0	FEET	52	

Meters

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	4567506	00	180.0	0.0	AT COLLAR
R	4567506	610	175.5	013.2	CALCULATED FROM
R	4567506	1121.9	166.0	093.0	FAIG A0912
			.	.	
			.	.	
			.	.

Meters

DDH 4.5.6.7.5.0.6. (2 … 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 … 14	16 … 20	22 … 24	26 … 28	30 … 34	35
L	0	316.9		1	#	
L	316.9	716.5		2	3G0	± 9 (10QO)
L	716.5	717.5		3	4C5	(3G16)
L	717.5	811.4		4	4L14	[4CO PHYLLITIC]
L	811.4	918.8		5	3G0	± 9 (10QO)
L	918.8	1310.5		6	4L0	± 7 (10QO)
L	1310.5	1410.3		7	3G8	(10QO) 98:02
L	1410.3	1411.3		8	4L0	
L	1411.3	1511.3		9	3G0	± 9
L	1511.3	1511.6		10	4C0	± 7 PHYLLITIC [4L14 ± 7]
L	1511.6	1517.3		11	3G8	(4C5) TRACE @ 154.8 m.

C.A.M.C. 1981 – E-3

DDH 4567506 (2–8) FEET

Cyprus Anvil Mining Corp.

Lithologic Log

Page 3 of ____

Date: 5 July Logged By: DSJ GAJ

	Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
36.9	L	0	121.0		1	*	
76.5	L	121.0	251.0		2	3G0	±9 (0Q0) 0Q0 S_2 foliaform & assoc w. chl. Interval weakly laminarly to thinly striped with alternating carbonac. & less carbonac. layers. not the typical "calc-silicated" though there is minor cs
77.5	L	251.0	254.4		3	4C5	(3G16) very weakly mineralized - not good 4C nor 3G - essentially weakly mineralized 3G.
81.4	L	254.4	267.0		4	4L14	[4C0 "phyllitic"] weakly mineralized throughout sphal gal. py. 1-2% PbZn $S^=$ mins in S_2 foliaform layers with minor discordant blebs & stringers dominantly py
98.8	L	267.0	324.0		5	3G0	±9, as unit 2; (0Q0) not "calcsilicated" minor bxa zone 308.3-309.0 appears S_2 foliaform - bxa qtz carbonate healed. all frags 3G0.
130.5	L	324.0	428.0		6	4L0	±7 ± (0Q0) po py both S_2 foliaform and discordant as either stringers and ameboid blebs - nil PbZn. unit patichily siliceous - locally very weakly chloritic - probable protolith 3G0. (~1% $S^=$ overall)
							Gouge zones:
							324-326 broken ind contacts no signif. core loss
							354-357.5 1' recovery - upper contact ind, lower contact both sub ∥ S_2 and steep 25°/070
							368-373.4 upper lower ∥ S_2 major fault with 3' core recovery.
							391-391.6 gouge ind upper lower
							387-392 major core loss less than 2' recovered.
							368-392 major fault in here

DDH 45,675,06 (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 5 July 82 Logged By: DSS/GS

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
140.3	L	428	469.4		7	3G814	(QQO) <2%, S_2 foliaform masses, unit intact no gouge, weak alt'n overprint on 3G8 protolith
141.3	L	469.4	463.6		8	4L01	minor gouge zone 462 - 464 ind contacts <1% po py as S_2 discordant hairline wisps
151.3	L	463.6	499.3		9	3G01	±9' as unit 2 intact not "calc silicated" no QQO boring
151.6	L	499.3	497.4		10	4C01	"phyllitic" [4L14±7] <1% Pb+Zn, total $S^{=}$ = 5-7%
157.3	L	497.4	516.0		11	3G81	light green beige chl muse phyllite. not 5D/3B as too muscovitic. no gouge minor QQO as S_2 foliaform masses, like unit 7, 45° band 508.2' - 508.5' - nil Pb Zn 2% tot. $S^{=}$ muse grey carbonate qtzite.
							516' = EOH

Feet!

Compiled from original 75 log for 456-75-6

DDH 456.75.06 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip	S_0 Direct.	S_1 Dip	S_1 Direct.	S_2 Dip	S_2 Direct	Description
1	10 14	16 20	22 24	26	28 32		34 38		40 44		
S		1319.0							50	230	
S		1414.0							50	230	
S		1911.0					90	0100	210	230	
S		2100.0							210	230	
S		2160.0							210	230	
S		2162.0							215	230	
S		2193.0							310	230	
S		2199.0							217	230	
S		3101.9.0					910	0100	05	230	
S		3513.0					910	0100	210	230	
S		4111.0							217	230	
S		4141.9.0							215	230	
S		4181.0.0							210	230	

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

Meters

DDH 4567506 Cyprus Anvil Mining Corp

Page _____ of _____

Logged by _____

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
	765	774	920087	09		4C5	
	774	786	920088	12		4L14	
	786	799	920089	13		4L14	
	799	814	920090	15		4L14	
	988	1018	920091	30		4L0	Chip samples
	1018	1055	920092	37		4L0	"
	1055	1088	920093	33		4L0	"
	1088	1119	920094	31		4L0	"
	1119	1180	920095	61		4L0	"
	1180	1222	920096	42		4L0	"
	1222	1262	920097	40		4L0	"
	1262	1286	920098	24		4L0	"
	1350	1381	920099	31		3G84	Split?
	1381	1411	921100	30		3G4L	Split?
	1513	1519	921101	06		4C0	Split
	1542	1573	921102	31		3G8	Chip sample

Feet!

Compiled from 1982 relog of DDH by DSS-BAJ

FAULT

DDH 4.5.6.7.5.06 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: 7 Nov 83 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	13018 3	13019 0	XIQ					minor bxa zone – bxa qtz-carbonate healed / all frags 360
F	13214 0	13216 0	GI					IND contacts, recovry OK
F	13514 0	13517 5	GPI	2			215 0170	29% recovry, upper cnt IND, lower 115₂ & steep 25/070
F	13618 0	13734	GPI	5	919 9199		919 9199	56% recovry, both cnts 115₂
F	13911 0	13916	GPI	4				IND gouge, less than 2' recovered 387-392 ≈ 40%
F	13618 0	13920	F					major fault zone
F	14612 0	14614 0	IG					minor gouge zone

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

COLLAR: ON DOAL LAKE AEX GRID	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH 14N			
EAST 72W			
ELEVATION Doal Lake Level			
LOGGED BY U. Jansons			
DATE LOGGED 2 May, 1975			
MAP REFERENCE NO.	METHOD:		

Diamond Drill Record

COMPANY NAME CYPRUS ANVIL MINING CORPORATION
PROPERTY NAME Anvil Claims - Vangorda Area
DRILLING CONTRACTOR Arctic Diamond Drilling
ASSAYER Whitehorse Assay Office Ltd.
PURPOSE OF HOLE Test updip Extension of Grum Deposit on to Anvil's Rich Claims.

HOLE NO. 456-75-06
CLAIM NAME Rich 36
COMMENCED 17 March, 1975
FINISHED 24 March, 1975
PROJECT NO. 45600

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
0	121		Overburden. Clayey zones and diorite boulders to 115'.											
			From 4(?) to 121', 23' of mud and boulders.											
121	251	56.5%	Biotite quartz graphite phyllite; (interlayered bands									S2	139	50°
			of quartz and biotite - graphitic). Dark gray color.									S2	144	50
			Bands thicken over short sections to maximum width of									S3 ?	144	70-80
			1" as at 221'. Chlorite developed in with the better									S1	191	90
			quartzite sections.									S2	191	20
			Mineralization: trace amounts of pyrite and pyrrhotite									S2	220	20
			present as discrete grains apparently more common with									S2	246	20
			quartz sections.											
			Rock section is general poorly cemented with core											
			readily broken along S2 micaceous surfaces.											
			Cf. recovery is an indication of cementation and quartz											
			content. Better cemented with higher quartzite content.											

Diamond Drill Record

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-06
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb%	Zn%	Cu%	oz.Au	Struct	Loc.	Value
												oz.Au		
251	254	96%	Biotite chlorite sericite phyllite; medium gray, well											
			cemented, and good coring, color change due to increase	251	254	3	19501	.18	.21	.02	.005	.12		
			in quartz and chlorite.											
			Mineralization: 5-10% total sulfides; consisting 50-70%											
			pyrite and pyrrhotite (ratio 1:3), rest is sphalerite											
			with only traces of galena identified. Best minerali-											
			zation is confined to the chlorite quartzite sections.											
			Mineralization located mainly (80%) along S2 foliations											
			and rest is mobilized into minor cross fractures.											
254	267	76%	Sericite chlorite quartzite phyllite; light gray-tan,	254	258	4	19502	.43	.47	.06	.005	.18		
			bleached zone. Mineralized, well cemented section.	258	262	4	19503	.20	.29	.04	.005	.12		
			Mineralization: Overall 10-15% estimated total sulfides;	262	267	5	19504	.87	.86	.05	.01	.40		
			70% sphalerite, 20% galena, rest pyrite and pyrrhotite.											
			Short intervals to 25% total sulfides with sphalerite											
			predominating.											

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

Diamond Drill Record

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-06
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			N.B. - lack of pyrite and pyrrhotite cf. Faro and									S2	262	25°
			Vangorda deposits.											
			Mineralization localized along S2 quartz sections											
			and as fracture fillings; about 50:50 of total sulfide											
			distribution. Best brecciated section 263-264, half											
			of mineralization remobilized into fractures, short 1/2"											
			pyritic section is vuggy.											
267	307	75%	Biotite-quartz graphitic chloritic phyllite, with to ½"									S2	293	30
			biotite and quartz bands - average thickness less than									S2	299	25-30
			1/8". Similar to top sections, medium gray color.											
			In general cores well except for broken zones as at											
			292-292½. Quartz at 275-276, 288-289.											
			Mineralization: no obvious high sulfide zones, section											
			probably averages less than 2% total sulfides with											
			coarse, to ¼", pyrite in quartzitic zones, some pyrite											

Diamond Drill Record

COLLAR:	HOLE SURVEY		
NORTH	FOOTAGE	AZIMUTH	DIP
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-06
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			vuggy, more apparent than the fine grain disseminated											
			pyrrhotite and lesser amount of pyrite in the more											
			phyllitic sections.											
			Best mineralization section, 5-10% total sulfides at											
			297-300 with pyrite and pyrrhotite along S2 in with											
			quartzite bands.											
307	324	97%	Chlorite sericite biotite quartzite phyllite; medium									S1	309	90°
			gray to light gray to greenish gray (due to chlorite									S2	309	5
			increase to biotite:chlorite = 1:1).											
			Gradual change to ligher color with depth.											
			No significant mineralization in section.											
			Some cross fractures filled with $CaCO_3$.											
			Mineralization: probably less than 2% total sulfides											
			for section with minor amounts of pyrite. No pyrrho-											
			tite found in sections checked with hand magnet.											

Diamond Drill Record

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-06
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE From	To	Width	No.	ASSAYS Pb %	Zn%	Cu %		STRUCTURE Struct	Loc.	Value
				Chip Samples										
324	422	55%	Chlorite sericite quartzite phyllite; "bleached" zone,	324	334	10	19505	.01	.01	.02		S1	353	90°
			Punky sections (fault zones?) 356-357, 358½-359,	334	346	12	19506	.01	.01	.02		S2	353	20
			366½-371, 391-391½.	346	357	11	19507	Tr.	.01	.02		S2	411	25-30
			Mineralization: 10-15% total sulfides for section, of	357	367	10	19508	.01	.01	.02				
			this 50:50 is pyrite and pyrrhotite, no other sulfide	367	387	20	19509	.01	.01	.02				
			minerals readily apparent, but vuggy "boxwork" type	387	401	14	19510	.01	.01	.02				
			zones in with sulfides may be reflecting areas of other	401	414	13	19511	Tr.	.01	.02				
			leached mineral. Mineralization is rather uniformly	414	422	8	19512	Tr.	.02	.02				
			distributed throughout section with 70% of mineraliza-											
			tion located parallel to S2 and rest as fill in minor											
			fractures with sulfides remobilized from S2 zones.											
			Traces of chalcopyrite noted with some of the pyrrhotite											
			zones.											
			N.B. Section 371-409 highly broken with quartzitic											
			sections being the best cored.											

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

Diamond Drill Record

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-06
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
422	463	79%	Sericite chlorite quartzite phyllite; greenish tan.	443	453	10	19513	Tr.	.01	.03		S2	449	25°
			Mineralization: 5-10% total sulfides of which most are	453	463	10	19514	.02	.02	.02		S2	480	15-25
			pyrrhotite and pyrite (50:50), no other sulfides											
			readily apparent. Most mineralization is parallel to											
			S2 with some (approx. 10-20%) along small fractures,											
			probably representing remobilization from S2.											
463	496	78%	Biotite-quartzite graphite(?) phyllite (similar to											
			section approx. 268-300), medium-gray. Thin (1/8")											
			dark gray mica and white banded quartzite layers, no											
			significant variations in quartzite content except at											
			397-398 quartz filled zone.											
			Mineralization: Trace to less than 2% total sulfides,											
			mainly pyrite along S2 and along randomly oriented											
			hairline fractures.											

Diamond Drill Record

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-06
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
496	516	64%	Chlorite sericite quartz phyllite; greenish gray to	496½	498½	Split 2'core	19515	.02	.01	.07				
			light greenish gray - color varies due to silicate	506	516	Chip 10'	19516	.02	.02	.02				
			mineralogy (bleaching of above section 422-496).											
			Significant increase in sulfides over above section											
			(422-496').											
			Mineralization: 496-497½ - approximately 30% pyrite											
			and pyrrhotite, N.B. mineralization is vuggy.											
			Trace galena (?) - mostly parallel to S2 but some re-											
			mobilized into fractures.											
			497½-516 - 2-5% total sulfides nearly all pyrite as											
			no magnetic attraction. Nearly all parallel to S2											
			except for minor amounts at hairline fractures.											
			Core recovered: 265.8'											
			Footage cored: 395.0 (121-516)											
			Percent recovery: 67%											

DDH: 4567506 -- 42 DEGREE PROFILE

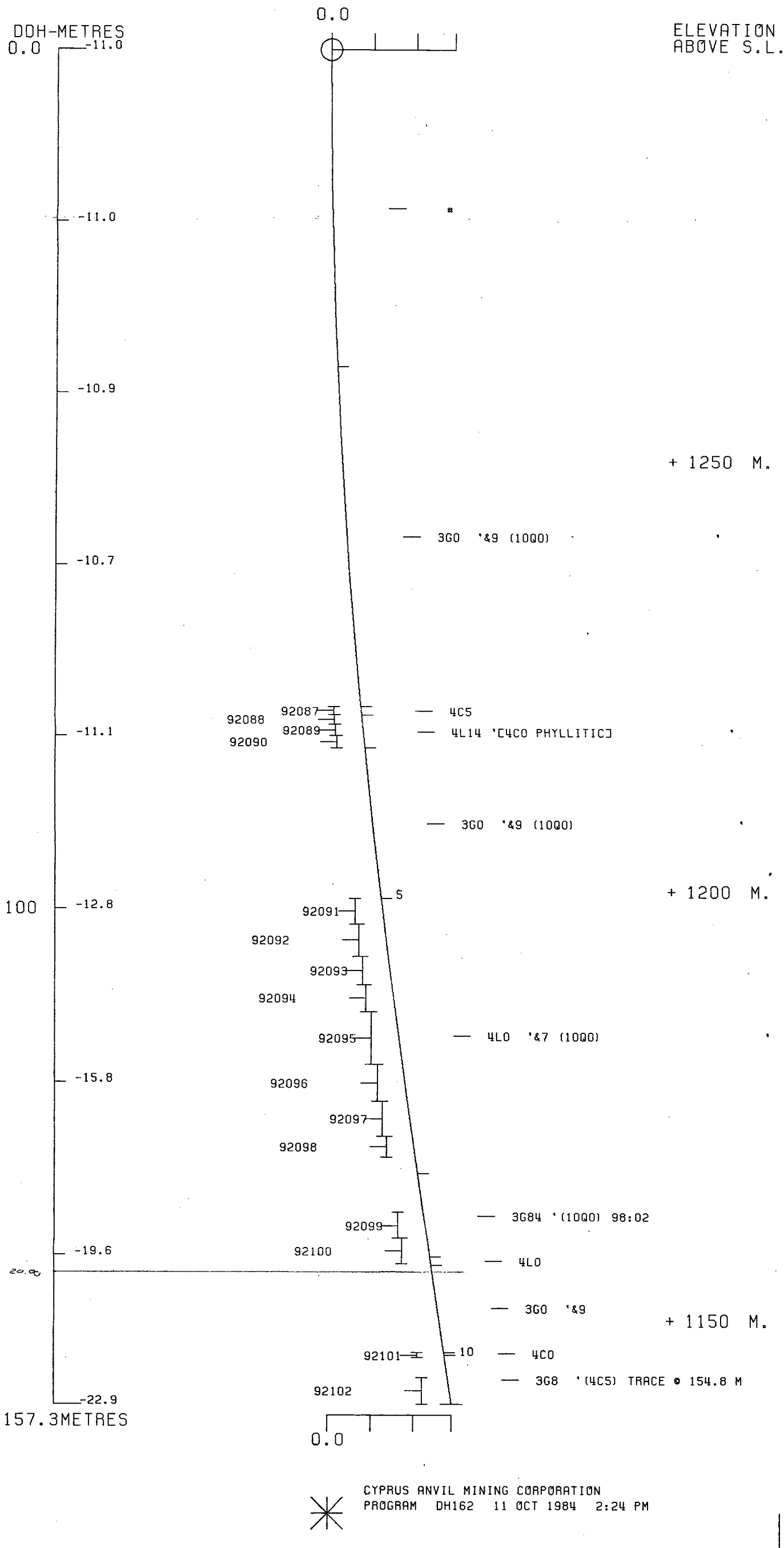
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1300 592571E ; 905183N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 819.2 Z = 1297.8

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 11 OCT 1984 2:24 PM

DDH: 4567506 -- 42 DEGREE PROFILE

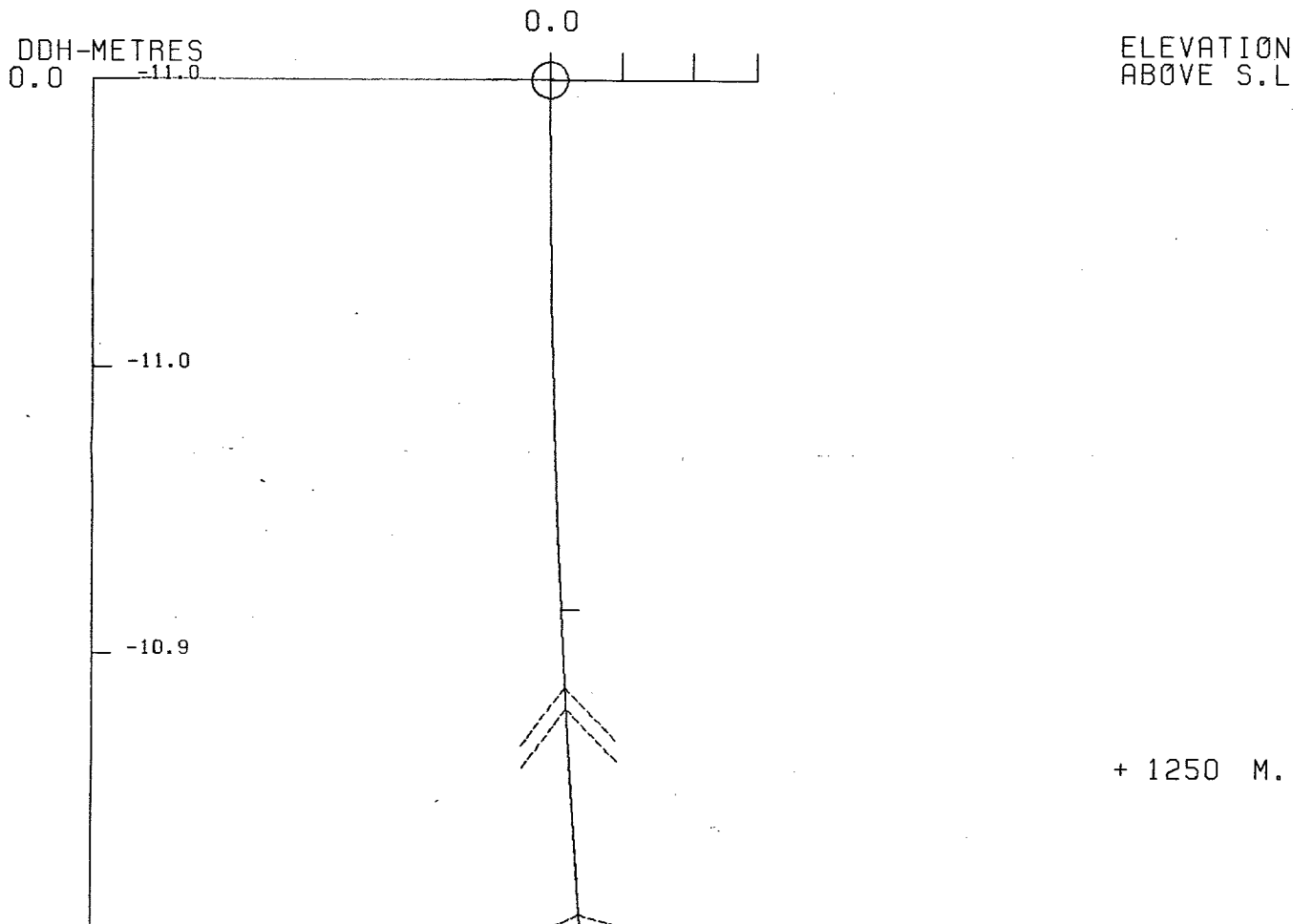
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1300 592571E ; 905183N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 819.2 Z = 1297.8

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 11 OCT 1984 2:22 PM

456-75-07

DRILL HOLE : 4567SC7
NORTHING : 905,138.0
EASTING : 592,530.0
ELEVATION : 1,299.9
TOTAL DEPTH : 288.3
SECTION : W 72
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: 23
NOS DOWN-H-SURVEYS: 5
NOS DOWN-H-LITHOLOGY: 58
NOS DOWN-H-STRUCTURE: 56
NOS DOWN-H-FAULTS: 39
NOS DOWN-H-SPLINES: 5
NOS COMPOSITES: 0

DDH: 4567507 UTM-N: 905,138.0 UTM-E: 592,530.0 UTM-ELEV: 1,299.9 TOTAL DEPTH: 288.3 SECTION: W 72
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.
90.4	90.6	92103	.2	.0	4A4#		.02	1.48	3.48												
90.6	91.4	92104	.8	.0	4D5		.14	2.85	4.38												
91.4	91.6	92105	.2	.0	4L13		.03	.03	.04												
91.6	92.4	92106	.8	.0	4L13		.02		.02												
92.4	93.6	92107	1.2	.0	4LD		.10	.56	.51												
93.6	94.2	92108	.6	.0	4E4		.07	6.57	7.03												
94.2	94.6	92109	.4	.0	4C0		.08	.65	.42												
94.6	95.3	92110	.7	.0	4L43		.02	.03	.04												
95.3	95.5	92111	.2	.0	4D0		.10	.78	.63												
95.5	95.7	92112	.2	.0	4D0		.03		.04												
95.7	96.9	92113	1.2	.0	4DH		.13	2.03	3.24												
96.9	97.1	92114	.2	.0	4C0		.07	6.32	7.99												
97.1	98.0	92115	.9	.0	4C0		.15	.50	.33												
152.4	154.2	92116	1.8	.0	3G8		.07	.02	.04												
154.2	154.7	92117	.5	.0	5A19		.02	.18	.27												
154.7	154.8	92118	.1	.0	4L13		.04	.02	.04												
154.8	155.3	92119	.5	.0	4L13		.18	.06	.03												
155.3	156.4	92120	1.1	.0	3G84		.03	.02	.02												
156.4	157.1	92121	.7	.0	4L41		.12	.02	.01												
157.1	157.9	92122	.8	.0	4L41		.17	.01	.01												
157.9	159.4	92123	1.5	.0	4L41		.17		.01												
159.4	161.0	92124	1.6	.0	4LO		.08	.01	.01												
161.0	162.4	92125	1.4	.0	4LO		.02		.01												
WEIGHTED AVERAGE																					
90.4	98.0		7.6	.0			.08	1.55	1.99												
152.4	162.4		10.0	.0			.08	.02	.03												

DDH: 4567507 UTM-N: 905,138.0 UTM-E: 592,530.0 UTM-ELEV: 1,299.9 TOTAL DEPTH: 288.3 SECTION: W 72
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	175.500	32.000
121.900	166.000	93.000
182.900	160.000	85.000
262.100	155.000	83.000

DDH: 4567507 UTM-N: 905,138.0 UTM-E: 592,530.0 UTM-ELEV: 1,299.9 TOTAL DEPTH: 288.3 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
29.6	0001	#		0.5-	1
31.1	0002	5B2C	&6	0.5-	1
32.3	0003	5D4$		0.5-	1
34.4	0004	5B6	(5DO) GOUGE	0.5-	1
36.6	0005	5B62		0.5-	1
47.5	0006	5B62	GOUGE	0.5-	1
62.8	0007	5B62	(10QO) GOUGE	0.5-	1
67.1	0008	5B62	[3G9]	0.5-	1
72.8	0009	3G9	[5B62]	0.5-	1
90.2	0010	3G9	(3BO) MINOR	0.5-	1
90.8	0011	4A4#		0.5-	1
91.1	0012	4D5		0.5-	1
93.1	0013	4L13	&7 &9	0.5-	1
93.5	0014	4D54		0.5-	1
94.1	0015	4E4	-> 4FC	0.5-	1
94.5	0016	4CC	PHYLLITIC -> 4L134	0.5-	1
95.3	0017	4L43		0.5-	1
96.4	0018	4DC		0.5-	1
96.7	0019	4HC		0.5-	1
97.8	0020	4CC	&9 -> 4L1439	0.5-	1
127.6	0021	3G9	(3B3 BIO) V. MINOR	0.5-	1
128.3	0022	3B3	BIO	0.5-	1
130.1	0023	4LO		0.5-	1
132.9	0024	3G8		0.5-	1
135.0	0025	5A19	-> 4AO	0.5-	1
135.6	0026	4LO		0.5-	1
154.2	0027	3G8		0.5-	1
154.5	0028	5A19		0.5-	1
155.4	0029	4L13	[4CO PHYLLITIC]	0.5-	1
156.4	0030	3G84	-> 4L6	0.5-	1
160.0	0031	4L41	&3 &9 PY>PO	0.5-	1
162.5	0032	4LO	PO MINOR	0.5-	1
164.0	0033	4LO	(3G9) GOUGE	0.5-	1
175.3	0034	3G9	(3B3) MINOR (10QC) MINOR	0.5-	1
182.0	0035	3G84	(10QO)	0.5-	1
185.0	0036	3G84	(4LO)	0.5-	1
205.7	0037	3G84	-> 4LO LOCALLY	0.5-	1
222.4	0038	3D8	BIO	0.5-	1
224.3	0039	3D8	(4LO) GOUGE	0.5-	1
225.9	0040	3D8	-> 3G9 [3D8(3G9)]	0.5-	1
226.0	0041	4LO	GOUGE	0.5-	1
229.8	0042	4LO	BROKEN	0.5-	1
231.6	0043	3G9	(10QO CHLOR)	0.5-	1
232.0	0044	5C$	CARBONATEC	0.5-	1
238.4	0045	3G9	BROKEN - POOR RECOV	0.5-	1
239.6	0046	3G9	GOUGE	0.5-	1
248.4	0047	5C$	&4 AT MARGINS	0.5-	1
249.0	0048	5A6	&C	0.5-	1
251.5	0049	5A6	GOUGE	0.5-	1
252.4	0050	5C4*		0.5-	1
256.0	0051	5A6		0.5-	1

DDH: 4567507 UTM-N: 905,138.0 UTM-E: 592,530.0 UTM-ELEV: 1,299.9 TOTAL DEPTH: 288.3 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
260.5	0052	5A0	(3G0)(5C0) GOUGE	0.5-	1
263.5	0053	5A6		0.5-	1
265.8	0054	5C4*	-> 5C4* "ULTRA-C03"	0.5-	1
267.0	0055	4L0	(3G9 MINOR)	0.5-	1
274.0	0056	3G0	BIO [1CD]	0.5-	1
278.1	0057	3G0	(10A8) BXA [1C0]	0.5-	1
288.3	0058	1CA80		0.5-	1

DDH: 4567507 UTM-N: 905,138.0 UTM-E: 592,530.0 UTM-ELEV: 1,299.9 TOTAL DEPTH: 288.3 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
4567507	0.0	30.4		0	0	0	0	50	230	0	1	1	1
4567507	0.0	33.8		0	0	0	0	20	230	0	1	1	1
4567507	0.0	51.8		0	0	0	0	48	230	0	1	1	1
4567507	0.0	62.7		0	0	0	0	60	230	0	1	1	1
4567507	0.0	65.5		0	0	0	0	65	230	0	1	1	1
4567507	0.0	72.8		0	0	0	0	55	230	0	1	1	1
4567507	0.0	78.6		0	0	0	0	65	230	0	1	1	1
4567507	0.0	85.6		0	0	1	0	65	230	0	1	1	1
4567507	0.0	89.9		0	0	0	0	63	230	0	1	1	1
4567507	0.0	90.3		0	0	0	0	60	230	0	1	0	0
4567507	0.0	92.6		0	0	75	0	0	0	0	1	0	0
4567507	0.0	97.5		0	0	0	0	40	230	0	1	1	1
4567507	0.0	99.3		0	0	75	0	0	0	0	1	0	0
4567507	0.0	104.5		0	0	1	0	75	230	0	1	1	1
4567507	0.0	106.3		0	0	0	0	75	230	0	1	1	1
4567507	0.0	107.8		0	0	0	0	60	230	0	1	1	1
4567507	0.0	112.7		0	0	0	0	72	230	0	1	1	1
4567507	0.0	118.2		0	0	0	0	75	230	0	1	1	1
4567507	0.0	125.8		0	0	40	0	70	230	0	1	0	0
4567507	0.0	127.1		0	0	0	0	83	230	0	1	1	1
4567507	0.0	130.4		0	0	0	0	75	230	0	1	1	1
4567507	0.0	137.1		0	0	0	0	80	230	0	1	1	1
4567507	0.0	139.9		0	0	0	0	78	230	0	1	1	1
4567507	0.0	145.3		0	0	0	0	77	230	0	1	1	1
4567507	0.0	153.9		0	0	0	0	80	230	0	1	1	1
4567507	0.0	154.5		0	0	0	0	68	230	0	1	1	1
4567507	0.0	156.3		0	0	0	0	1	230	0	1	0	0
4567507	0.0	162.1		0	0	0	0	80	230	0	1	1	1
4567507	0.0	167.6		0	0	0	0	80	230	0	1	1	1
4567507	0.0	170.9		0	0	0	0	80	230	0	1	1	1
4567507	0.0	175.2		0	0	0	0	80	230	0	1	1	1
4567507	0.0	182.2		0	0	0	0	85	230	0	1	1	1
4567507	0.0	187.4		0	0	0	0	80	230	0	1	1	1
4567507	0.0	195.0		0	0	0	0	85	230	0	1	1	1
4567507	0.0	204.2		0	0	0	0	86	230	0	1	1	1
4567507	0.0	219.4		0	0	0	0	80	230	0	1	1	1
4567507	0.0	225.5		0	0	0	0	75	230	0	1	1	1
4567507	0.0	228.2		0	0	0	0	35	230	0	1	1	1
4567507	0.0	231.3		0	0	0	0	65	230	0	1	1	1
4567507	0.0	232.2		0	0	0	0	60	230	0	1	1	1
4567507	0.0	235.9		0	0	0	0	80	230	0	1	1	1
4567507	0.0	241.4		0	0	0	0	40	230	0	1	1	1
4567507	0.0	245.9		0	0	0	0	40	230	0	1	1	1
4567507	0.0	247.1		0	0	0	0	50	230	0	1	1	1
4567507	0.0	248.7		0	0	0	0	35	230	0	1	1	1
4567507	0.0	250.8		0	0	0	0	70	230	0	1	1	1
4567507	0.0	251.4		0	0	0	0	70	230	0	1	1	1
4567507	0.0	253.8		0	0	0	0	40	230	0	1	1	1
4567507	0.0	257.5		0	0	0	0	65	230	0	1	1	1
4567507	0.0	260.6		0	0	0	0	60	230	0	1	1	1
4567507	0.0	262.4		0	0	0	0	50	230	0	1	1	1

DDH: 4567507 UTM-N: 905,138.0 UTM-E: 592,530.0 UTM-ELEV: 1,299.9 TOTAL DEPTH: 288.3 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
4567507	0.0	262.5			0	0	0	0	85	230	C	1	0	C
4567507	0.0	264.2			0	0	0	0	83	230	C	1	1	1
4567507	0.0	271.5			0	0	0	0	80	230	C	1	1	1
4567507	0.0	281.9			0	0	0	0	65	230	C	1	1	1
4567507	0.0	288.0			0	0	0	0	65	230	C	1	1	1

DDH: 4567507 UTM-N: 905,138.0 UTM-E: 592,530.0 UTM-ELEV: 1,299.9 TOTAL DEPTH: 288.3 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
4567507	29.5	32.3	3B			0	0	0	0	0	0	1
4567507	32.3	34.4	GF			0	0	0	0	0	0	1
4567507	34.4	36.5	GX			0	0	99	999	0	0	1
4567507	36.5	47.5	PGB	5		0	0	99	999	0	0	1
4567507	47.5	62.7	PG	3		0	0	99	999	0	0	1
4567507	64.0	64.3	G			0	0	0	0	0	0	1
4567507	67.0	72.8	GBP	3		0	0	0	0	0	0	1
4567507	72.8	77.7	BP	5		0	0	0	0	0	0	1
4567507	32.3	77.7	F			0	0	0	0	0	0	1
4567507	104.8	105.7	B1G			0	0	99	999	0	0	1
4567507	0.0	111.2	G			0	0	0	0	0	0	1
4567507	115.6	116.1	G			0	0	99	999	0	0	1
4567507	135.0	135.7	1G			0	0	0	0	0	0	1
4567507	162.6	163.9	GF			0	0	99	999	0	0	1
4567507	163.9	166.7	2B			0	0	0	0	0	0	1
4567507	166.7	167.0	G3B			0	0	0	0	0	0	1
4567507	169.0	169.3	G			0	0	99	999	0	0	1
4567507	170.6	171.2	G			0	0	99	999	0	0	1
4567507	171.9	172.2	Q3B			0	0	0	0	0	0	1
4567507	181.9	185.0	BGP	3		0	0	0	0	0	0	1
4567507	193.2	193.5	G1F			0	0	0	0	0	0	1
4567507	200.8	201.0	G1F			0	0	0	0	0	0	1
4567507	0.0	203.6	G1F			0	0	99	999	0	0	1
4567507	0.0	205.1	G1F			0	0	99	999	0	0	1
4567507	214.2	214.7	G			0	0	0	0	0	0	1
4567507	222.3	224.3	G			99	999	0	0	99	999	1
4567507	225.8	226.0	G			0	0	0	0	0	0	1
4567507	226.0	229.8	3BG	8		0	0	99	999	0	0	1
4567507	231.9	238.3	3B			0	0	0	0	0	0	1
4567507	235.9	238.3	P	1		0	0	0	0	0	0	1
4567507	238.3	239.5	G			0	0	0	0	0	0	1
4567507	239.5	248.4	G3B			0	0	99	999	0	0	1
4567507	249.0	251.4	GP	6		0	0	99	999	0	0	1
4567507	251.4	252.3	B1G			0	0	99	999	0	0	1
4567507	252.3	256.0	G3B			0	0	99	999	0	0	1
4567507	256.0	260.4	G			0	0	99	999	0	0	1
4567507	260.4	263.3	B			0	0	0	0	0	0	1
4567507	274.0	278.1	SX			70	0	0	0	45	0	1
4567507	278.1	288.3	S			0	0	0	0	0	0	1

DDH: 4567507 UTM-N: 905,138.0 UTM-E: 592,530.0 UTM-ELEV: 1,299.9 TOTAL DEPTH: 288.3 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
4567507	1	2
4567507	2	2
4567507	3	2
4567507	4	2
4567507	5	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 456-75-07

Fabric Orientation Diagram:

Project: PROJECT 456

Location: VANGORDA PLATEAU - DOAL LAKE

Claim: RICH 36

Terr. Plane Co-ords.: 6905138 N

592530 E

} Location approx - on Doal Lake based on CAMC 1982 map of Grum DDH locations

Grid Co-ords.: GRUM GRID 12N/72W

All symmetry determinations looking

NW with SE dipping

Elevation: DOAL LAKE 1299.9m

SW with dip azimuth 230°.

Total Depth: 946 feet = 288.3m

Purpose: Updip test for GRUM mineralization

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: ARCTIC

Core: Size From To Collar Cased and Capped: ____

_____ _____ _____

_____ _____ _____

_____ _____ _____

Started: March 25, 1975 Completed: APRIL 3, 1975

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

Page 2 of _____

DDH 4567507 (2–8)

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	4567507	1299.9	905138.0	592530.0	FEET	S2	

Meters

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2–8	10–14	22–26	28–32	34–56
R	4567507	0 0	180.0	0.0	AT COLLAR
R	4567507	61 0	175.5	032.0	CALCULATED FROM
R	4567507	121 9	166.0	093.0	FAGA092
R	4567507	182 9	160.0	085.0	
R	4567507	262 1	155.0	083.0	

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

Meters

Lithologic Compilation from 1982 re-log by DSJ & GAJ

DDH 4567507 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
	00	296		1	#	O/B
	296	311		2	5B20	± 6
	311	323		3	5D4$	
	323	344		4	5B6	(5D0) GOUGE
	344	366		5	5B62	
	366	475		6	5B62	GOUGE
	475	628		7	5B62	(10Q0) GOUGE
	628	671		8	5B62	[3G9]
	671	728		9	3G9	[5B62]
	728	902		10	3G9	(3B0) MINOR
	902	908		11	4A4#	
	908	911		12	4D5	
	911	931		13	4L13	± 7 ± 9
	931	935		14	4D54	
	935	941		15	4E4	→ 4F0
	941	945		16	4C0	PHYLLITIC → 4L134
	945	953		17	4L43	
	953	964		18	4D0	
	964	967		19	4H0	
	967	978		20	4C0	± 9 → 4L1439
	978	1276		21	3G9	(3B3 B10) V. MINOR
	1276	1283		22	3B3	B10
	1283	1301		23	4L0	
	1301	1329		24	3G8	
	1329	1350		25	5A19	→ 4A0
	1350	1356		26	4L0	
	1356	1542		27	3G8	
	1542	1545		28	5A19	
	1545	1554		29	4L13	[4C0 PHYLLITIC]
	1554	1564		30	3G84	→ 4L6
	1564	1600		31	4L41	± 3 ± 9 Py > Po
	1600	1625		32	4L0	PO MINOR
	1625	1640		33	4L0	(3G9) GOUGE
	1640	1753		34	3G9	(3B3) MINOR (10Q0) MINOR
	1753	1820		35	3G84	(10Q0)
	1820	1850		36	3G84	(4L0)

DDH 4567507 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page _____ of _____

Date: _____ Logged By: _____

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
L	1850	2057		37	3G84	→ 4LO - LOCALLY
L	2057	2224		38	3D8	BIO
L	2224	2243		39	3D8	(4LO) GOUGE
L	2243	2259		40	3D8	→ 3G9 [3D8 (3G9)]
L	2259	2260		41	4LO	GOUGE
L	2260	2298		42	4LO	BROKEN
L	2298	2316		43	3G9	(10QO CHLOR)
L	2316	2320		44	5C$	CARBONATED
L	2320	2384		45	3G9	BROKEN - POOR RECOV
L	2384	2396		46	3G9	GOUGE
L	2396	2484		47	5C$	± 4 - AT MARGINS
L	2484	2490		48	5A6	± 0
L	2490	2515		49	5A6	GOUGE
L	2515	2524		50	5C4*	
L	2524	2560		51	5A6	
L	2560	2605		52	5A0	(3GO)(5CO) GOUGE
L	2605	2635		53	5A6	
L	2635	2658		54	5C4*	→ 5D4*
L	2658	2670		55	4LO	(3G9 MINOR)
L	2670	2740		56	3G0	BIO [1CD?]
L	2740	2781		57	3G0	(10AB) BXA [1CD?]
L	2781	2883		58	10AB0	
						EOH

DDH 45675.07 (2 Feet 8) Cyprus Anvil Mining Corp. Page ____ of ____

Lithologic Log Date: 5 July 82 Logged By: GAJ / DSJ

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
(29.5)	L	0	97.0		1	#	O/B
31.1	L	97.0	102.0		2	5B20	±6 core broken extensively
32.3	L	102.0	106.0		3	5D4*	dol.; badly broken
34.4	L	106.0	113.0		4	5B6	(500) gouge no attitudes poss; maj. fault
36.6	L	113.0	120.0		5	5B62	incip. " & bxiation gouge 115$_2$ @ 20° to c.a. i.e. steep S$_2$ w/ 11 gouge
47.5	L	120.0	150.0		6	5B62	poor core recy (max 20' in 30') suggesting much gouge washed away; some remaining S$_2$ 11 gouge; interval broken & part of larger fault zone; (000)
62.8	L	150.0	201.0		7	5B62	gouged (000); gouge 115$_2$ steep locally; 15' recy over interval w/ much gouge likely washed away
67.1	L	201.0	220.0		8	5B62	[3G9] v.v. minor CS bands; reas. intact; gouge 210-211 w/ some core loss; few ft. core loss in gouge @ base of interval
72.8	L	212.0	239.0		9	3G9	[5B62] heavily broken & gouged w/ huge core losses 7' recd. ⇒ 30% recy. minor 000 only
90.2	L	239.0	296.5		10	3GA	(380 minor); 239-255 core broken w/ poor recy. (8' = 50%); base of mayor fault zone is 255; fault starts 106' PLEZ ends 255' main strands 155-170'; 190-206; 220-239 (227-239 main) last 5' ±6-10g74 vertical & fractured
90.8	L	296.5	298.0		11	4A4*	calcite
91.1	L	298.0	299.0		12	4D5	
93.1	L	299.0	305.6		13	4L13	±7±9
93.5	L	305.6	306.6		14	4D54	
94.1	L	306.6	308.7		15	4E4	→ 4F0
94.5	L	308.7	310.0		16	4C0	phyllitic → 4L134
95.3	L	310.0	312.5		17	4L43	
96.4	L	312.5	316.4		18	4D0	
96.7	L	316.4	317.2		19	4A0	
97.8	L	317.2	321.0		20	4C0	±9 trans 4L1439

Most of sulf. units do not easely fit descriptions of stk. bwrk facies zzzz — may be due to tectonic overprint causing bxiation & re-mob. textures or may be non-exhalative subsurface replacement mineralizations

C.A.M.C. 1981 – E-3

will the real Neil Williams please stand up!

Check unit 24-25

DDH 45,675,07 (2 Feet 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page _____ of _____

Date: _____ Logged By: _____

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
127.6	L	321 0	418 6		21	3G9	(3B3 brotitic, v. minor); 3B3 mainly in
							376-378'; 412-413; gouges as follows
							3 cm. @ 305' indeter; 344-347 broken
							& minor S_2 11 gouge, 380-381 $S_2$11 gouge;
							took sample from 322-417 to compare
							to underlying 3G8 for metasomatic Mg
							addition i.e. is 3G8 chloritic all" pipe/facies
128.3	L	418 6	421 0		22	3B3	brotitic
130.1	L	421 0	427 0		23	4L0	
132.9	L	427 0	436 0		24	3G8	
135	L	436 0	443 0		??	5A19	⇒ 4A0 ZnS over 3' v. low grade & minor
							Total sulfs-
135.6	L	443 0	445 5		25	4L0	w/ minor gouge
154.2	L	445 5	506 0		26	3G8	homogenous, strongly fol^d, chlor-mus
							non-calc. phyll.; m. grayish green,
							different from 5D0 in lighter green
							color & non-calc. nature. Sample
							taken to see if this rk. is i) C removed
							3G9, 5D+3G mixture or Mg-metasomatized
							feeder zone or alt" facies
154.5	L	506 0	507 0		27	5A19	ch.?
155.9	L	507 0	510 0		28	4L13	[4C0 phyllitic] < 1%
156.9	L	510 0	513 0		29	3G84	⇒ 4L4
160.0	L	513 0	525 0		30	4L41	± 3÷9; 3-5% py > po; minor ZnS & cpy
162.5	L	525 0	533 0		31	4L0	minor po.; no gouge!
164.0	L	533 5	538 0		32	4L0	(3G9) gouge; upper & lower contacts
							indeter., internal S_2 11 gouge ⇒ "
							may be as well; major fault zone
175.3	L	538 0	575 0		33	3G9	(3B3, 0Q0); 3B3 minor both < 5%
							rks. fairly broken 538-548 strongly
							broken, 1' gouge & broken core @ 547'
							@ 554.6-555.6, 560.-562. have
							2 gouge zones prob. 11 S_2; 564-565
							badly broken 0Q0 ⇒ fault; most
							0Q0 562-575.0; gradational contact w/ #34
182.0	L	575 0	597 0		34	3G84	(6Q0 11 S_2)

C. A. M. C. 1981 – E-3

DDH 4,5,6,7,5,0,7 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page _____ of _____

Date: 5 July Logged By: GAJ / DSJ

	Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
185	L	5970	6070		35	3G84	(4LO); 3.5' rec^d, interval broken, gouge indeterminate; minor fault zone
205.7	L	6070	6750		36	3G84	⇒ 4LO locally; <3% S_2 ∥ OQO "sweats" — vermiform OQO; last 10' w/ 3G0 / 3G9 interbands w/ either sharp or diffuse boundaries; gouges 634-635" ∥ S_2?, 659-659.5 ∥ S_2?, 668 ∥ S_2, 673 ∥ S_2 all minor faults
222.4	L	6750	7295		37	3D8	calc.-silicates in dk. br. biotite rich phyllites — Rich calc. sil pk. g; 703.-704.6 = indeter gouge remainder intact
224.3	L	7295	7360		38	3D8	(4LO) section entirely gouged w/ S_2 ∥ upper & lower contacts — could be drilling artifact.
225.8	L	7360	7410		39	3D8	trans → 3G9 [3D8 (3G9)]
225.9	L	7410	7415		40	4LO	gouge
229.8	L	7415	7540		41	4LO	badly broken w/ local ≈ S_2 ∥ gouge & 20% core loss, gouges indeter. but may steepen ∥ S_2 then X cut S_2
231.6	L	7540	7600		42	3G9	(OQO w/ chlor.)
232.0	L	7600	7610		43	5C*	heavily carbonated w/ dol. & "fuch."
238.4	L	7610	7820		44	3G9	badly broken thruout; 1' rec^d 774-782 most core loss likely below 775'
239.6	L	7820	7860		45	3G9	entirely gouge but rec^d; contacts indeterminate; continuous w/ above zone of core loss; major fault 775-786'
248.4	L	7860	8150		46	5C*	dol. w/ 5C4* margins; good relict ign. texts 790-815 but strongly foliated; last 1' & upper 5' = 5C4* massive dolomite; heavily broken incipiently S_2 ∥ gouged thruout
249.0	L	8150	8170		47	5A6	±0
251.5	L	8170	8250		48	5A6	gouge ≈ ∥ S_2 w/ upper & lower contacts indeter.; 3' core lost @ top of interval
252.4	L	8250	8280		49	5C4*	grungy; core broken incip. S_2 ∥ gouged

DDH 4 5 6 7 5 0 7 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page _____ of _____

Date: 5 July 82 Logged By: GAJ / DSJ

	Code	From	To	Recov.	No.	Unit	Description
	1	10–14	16–20	22–24	26–28	30–34	35
256	L	8280	8400		50	5A6	heavily broken, incip. S_2 // gouge w/ S_2 steepening ⟹ horse in fault zone; @ 837 S_2 // c.a.
260.5	L	8400	8545		51	5A0	(3G0, 5C0) entirely gouged w/ crude S_2 // fabric; upper & lower contacts indeter. due to coinciding w/ runs; DLD2?, ≈ 100% recy.
263.5	L	8545	8640		52	5A6	broken, no maj gouges or core loss c.f. # 47
265.8	L	8640	8720		53	5C4*	866-870 rks. fresh metabasite, rest highly carbonated → 5D4*
267.0	L	8720	8760		54	4L0	(3G9 minor)
274	L	8760	8990		55	3G0	becoming biotitic w/ unknown sm. porphs. — not Al_2SiO_5 clots but uncertain — bio?? rk. becoming more coely xlline / schistose w/ laminar comp. banding // perv. S_2 — minor verminform OQO
278.1	L	8990	9125		56	3G0	(10A) bxia; entire interval sheared; sill (aplitic)/metased complex; upper contact 70°, lower contact 45° S_2 highly variable, shallow @ top, steeper in middle ⟹ "S" drag fold.
288.3	L	9125	9460 EOH		57	10A0	fine → m. gr., strongly fol^d, equigran. bio-musc qtz. mohz w/ day-glo orange feldspars; foliation surface has penetrative slickensides ⟹ intense shearing but not to flaser texture; slicks crudely down foliation dip — not LS tectonite as nr. Firth; bio defines fol^n while musc seems to cut fol^n in many places — maybe musc. is deuteric & not a 2 mica granite; granite is wkly calc. (alt^n of plag.) Anvil Batholith

FEET!

Compiled from original 1975 field log.

DDH 4.5.6.7.5.0.7 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip (28–32)	S_0 Direct. (28–32)	S_1 Dip (34–38)	S_1 Direct. (34–38)	S_2 Dip (40–44)	S_2 Direct (40–44)	Description
S		1100							50 ~~40~~	230	
S		1110							20 ~~70~~	230	
S		1700							48 ~~42~~	230	
S		2060							60 ~~30~~	230	
S		2150							65 ~~25~~	230	
S		2390							55 ~~35~~	230	
S		2580							65 ~~25~~	230	
S		2810					01 ~~90~~	000	65 ~~25~~	230	
S		2950							63 ~~27~~	230	
$		2965							60 ~~30~~	230	
$		3040					75 ~~15~~				
S		3200							40 ~~50~~	230	
$		3260					75 ~~15~~				
S		3430					01 ~~90~~	000	75 ~~15~~	230	
S		3490							75 ~~15~~	230	
S		3540							60 ~~30~~	230	
S		3700							72 ~~18~~	230	
S		3880							75 ~~15~~	230	
$		4130					40 ~~50~~	000	70 ~~20~~	230	
S		4170							83 ~~07~~	230	
S		4280							75 ~~15~~	230	
S		4500							80 ~~10~~	230	
S		4590							78 ~~12~~	230	
S		4770							77 ~~13~~	230	
S		5050							80 ~~10~~	230	
S		5070							68 ~~22~~	230	
$		5130							00 ~~90~~	230	
S		5320							80 ~~10~~	230	
S		5500							80 ~~10~~	230	
S		5610							80 ~~10~~	230	
S		5750							80 ~~10~~	230	
S		5980							85 ~~05~~	230	
S		6150							80 ~~10~~	230	
S		6400							85 ~~05~~	230	
S		6700							86 ~~04~~	230	
S		7200							80 ~~10~~	230	

FEET!

DDH 4567507 (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	
S		17410					75 15 2310	
S		17490					35 55 2310	
S		17590					65 25 2310	
S		17620					60 30 2310	
S		17740					80 10 2310	
S		17920					40 50 2310	
S		18070					40 50 2310	
S		18110					50 40 2310	
S		18160					35 55 2310	
S		18230					70 20 2310	
S		18250					70 20 2310	
S		18330					40 50 2310	
S		18450					65 25 2310	
S		18550					60 30 2310	
S		18610					50 40 2310	
S		18615					85 05 2310	
S		18670					83 07 2310	
S		18910					80 10 2310	
S		19250					65 25 2310	
S		19450					65 25 2310	

Feet

FAULT

DDH 456.7507 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: 7 Nov 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	1 1917 0	1 1061 0	3 1B1					badly broken, broken extensively
F	1 1061 0	1 1130	G F1					gouge, IND, major fault
F	1 1130	1 1210 0	G X1			919 9191 9		incipient gouge & bxiation
								gouge $11 S_2$ @ 20° C.A. —
								steep S_2 w/ 11 gouge
F	1 1210 0	1 1516 0	P G B 5			919 9191 9		55% recovery, much
								gouge (?) washed away,
								some remaining S_2 11 gouge,
								interval broken
F	1 1516 0	1 2106 0	P G 3			919 9191 9		30% recovery gouge $11 S_2$
								steep. 15' recovered
F	1 2110 0	1 2111 0	G 1					gouge w/ some core loss
F	1 2120 0	1 2319 0	G B P 3					heavily broken & gouged w/
								huge core losses 30% recovery
F	1 2319 0	1 2550	B P 1 5					core broken w/ 50% recovery
F	1 1016 0	1 2550	F 1					major fault zone w/
								several strands @
								155'-170', 190'-206',
								220-239'
F		1 3165 0	G 1					3cm IND gouge
F	1 3141 0	1 3147 0	B 1 G			919 9191 9		broken & minor S_2 11 gouge
F	1 3180 0	1 3181 0	G 1			919 9191 9		S_2 11 gouge
F	1 4141 3 0	1 4145 5	1 G					420 w/ minor gouge
F	1 5131 3 5	1 5131 8 0	G F 1			919 9191 9		gouge, upper & lower cnts IND
								interval $11 S_2$ — major
								fault zone
F	1 5131 8 0	1 5147 0	2 B1					fairly broken
F	1 5141 7 0	1 5141 8 0	G 3 B					1' gouge & strongly broken core
F	1 5151 4 6	1 5155 5 6	G 1			919 9191 9		gouge zones, prob. $11 S_2$
F	1 5161 0 0	1 5161 2 0	G 1			919 9191 9		
F	1 5161 4 0	1 5161 5 0	Q 1 3 B					badly broken 1020
F	1 5191 7 0	1 6101 7 0	B I G P 3					broken, IND gouge, 3.5' recovered
F	1 6131 4 0	1 6131 5 0	G 1 F					$11 S_2$?
F	1 6151 9 0	1 6151 9 5	G 1 F					$11 S_2$? all minor faults
		1 6168 0	G 1 F			919 9191 9		$11 S_2$
		1 6173 0	G 1 F			919 9191 9		$11 S_2$

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

Feet

FAULT

DDH 4.5.6.7.5.0.7 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: 7 Nov 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	
	170300	170460	G 1					IND gouge
	171295	173600	G 1		99 9999		99 9999	entirely gouged w/ $S_2$11 upper & lower cnts. - could be drilling artifact
F	174110	174150	G 1					gouge
F	174115	175400	3 1B 1G	8		99 9999		badly broken w/ local a S_2 11 gouge & 20% core loss. Gouge IND
F	176110	178200	3 1B					badly broken
F	177140	178200	P 1	1				1' recovered 12.5% recovery
F	178200	178600	G 1					entirely gouge, recovery OK IND
F	178600	181500	G 3 1B			99 9999		heavily broken & incipient S_2 11 gouge throughout
F	181700	182500	G P 1	6		99 9999		11 S_2 gouge, upper & lower cnts IND 62% recovery - lost @ top of interval
F	182150	182180	B 1 G			99 9999		broken & incipient $S_2$11 gouge
	182180	184100	G 3 1B			99 9999		heavily broken w/ incip. $S_2$11 gouge, w/ S_2 steepening - horse w/ fault zone
F	184100	185145	G 1			99 9999		entirely gouged w/ crude $S_2$11 fabric, upper & lower cnts IND 100% recovery
F	185145	186400	B 1					broken, no major gouges or core loss
F	189900	191125	S 1 X 1		70 0100		45 0100	bxa, entire interval sheared fltn surfaces has penetrative slickensides, intense shearing but not to flaser texture
	191125	191460	S 1					

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

Meters

DDH 45675078 (2–8) Cyprus Anvil Mining Corp

Page _____ of _____

Logged by _____

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10–14	16–20	22–26	28–30	32–34	36–40	42
P	1910 4	1910 6	92110 13	02		14A14#	split
P	1910 6	1911 4	92110 14	08		14D15	"
P	1911 4	1911 6	92110 15	02		14L113	"
P	1911 6	1912 4	92110 16	08		14L113	"
P	1912 4	1913 6	92110 17	12		14L4D1	"
P	1913 6	1914 2	92110 18	06		14E141	"
P	1914 2	1914 6	92110 19	02		14C101	"
P	1914 6	1915 3	92111 10	07		14L1413	"
P	1915 3	1915 5	92111 11	02		14D101	"
P	1915 5	1915 7	92111 12	02		14D101	"
P	1915 7	1916 9	92111 13	12		14D1H1	"
P	1916 9	1917 1	92111 14	02		14C101	"
P	1917 1	1918 0	92111 15	09		14C101	"
P	11512 4	11514 2	92111 16	18		13GB1	chip
P	11514 2	11514 7	92111 17	05		15A119	split
P	11514 7	11514 8	92111 18	01		14L113	"
P	11514 8	11515 3	92111 19	05		14L113	"
P	11515 3	11516 4	92112 10	11		13GB14	chip
P	11516 4	11517 1	92112 11	07		14L141	split
P	11517 1	11517 9	92112 12	08		14L441	"
P	11517 9	11519 4	92112 13	15		14L441	"
P	11519 4	11610	92112 14	16		14L401	"
P	11610	11624	92112 15	14		14L40	chip

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

Diamond Drill Record

COLLAR:	ON DOAL LAKE AEX GRID
NORTH	12N
EAST	72W
ELEVATION	Doal Lake Level
LOGGED BY	U. Jansons
DATE LOGGED	1 May, 1975
MAP REFERENCE NO.	

HOLE SURVEY		
FOOTAGE	AZIMUTH	DIP
METHOD:		

COMPANY NAME CYPRUS ANVIL MINING CORPORATION
PROPERTY NAME Anvil Claims - Vangorda Area
DRILLING CONTRACTOR Arctic Diamond Drilling
ASSAYER Whitehorse Assay Office Ltd.
PURPOSE OF HOLE Updip test for Grum mineralization.

HOLE NO. 456-75-7
CLAIM NAME Rich 36
COMMENCED 25 March 1975
FINISHED 3 April 1975
PROJECT NO. 456

FROM	TO	REC. %	DESCRIPTION	SAMPLE From	SAMPLE To	SAMPLE Width	SAMPLE No.	ASSAYS Pb	ASSAYS Zn	ASSAYS Cu	STRUCTURE Struct	STRUCTURE Loc.	STRUCTURE Value
0	3	-	Water.										
3	62		Overburden.										
62	102	0.07	Sericite quartz carbonate phyllite; medium gray, 1/8" band of mica and non-mica units, traces of graphite in sericite bands give darker color. Weak $CaCO_3$ reaction, probably SiO_2 in with $CaCO_3$ in light bands. Rock is 50% mica, 50% $CaCO_3$ + SiO_2 bands. Trace pyrite along S2.										
102	112	50	Sericite carbonate phyllite; bleached and brecciated, but S2 still discernible.								S2	100	40°
											S2	111	70
			111-112' - probable fault, gougy punky white bleached phyllite.										
			Mineralization: trace, 0.05%, pyrite along main fractures.										

Diamond Drill Record

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-7
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC. %	DESCRIPTION	SAMPLE From	To	Width	No.	ASSAYS Pb	Zn	Cu		STRUCTURE Struct	Loc.	Value
112	260	35	Sericite graphite quartz phyllite; trace $CaCO_3$ (HCl											
			reaction). Brecciated to 120'. Rock is 60-70% micas.									S2	206	30
			Poor core, punky, especially at 112½-113, 120½-121½,									S2	215	25
			125(?)-127, 131-133, 140(?)-142, 146½-147½, 150-161,									S2	239	30-40
			162-170, 173-177, 177-183, 185-193, 201-206, 208-211.									S2	258	25
			Cf recovery - better recovery where mica to $CaCO_3$											
			ratio is 1:1.											
			Quartz zones at 147½-149', 183-185, 219-220.											
			Mineralization: Trace to 3% sulfides, all pyrite in											
			sections along S2 and in $CaCO_3$ filled fractures.											
260	297.5	100	Sericite graphitic quartz phyllite; as before, but now	296.5	297.2	0.7	19542	1.48	3.48	.02		S1??	281	to 90
			increasing section of quartzite with pyrite and brown									S2	281	25
			unidentified (Fe silicate) skarny-looking mineral.									S2	295	25-30
			Section getting wider as at 262.4-262.5, 263.4-263.7,									S2	296½	30
			266.2-266.3, 266.6-266.8, 272.0-272.2, 284.5-284.8,											

Diamond Drill Record

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-7
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			285.4-285.9, 288-289, 289½-290.2, 291.5-292.7,											
			295.1-295.3; Bleaching (incipient) along random											
			mica bands.											
			Mineralization: 1-3% total sulfides for section,											
			mainly traces of pyrite along S2 foliations and in											
			with bands in with quartzitic zone @ 296½, and quartzi-											
			tic zones mentioned above; and with fractures @ 296½-2 7½.											
			Sphalerite approx. 15% in with $CaCO_3$ sericite graphite											
			phyllite. Section shows no bleaching but $CaCO_3$ is											
			higher than above 296½ where reaction to HCl is un-											
			common. No bleaching in this mineralized section.											
297.5	300	100	Sericite graphite quartz phyllite - no $CaCO_3$ reaction,	297.2	300	2.8	19543	2.85	4.38	.14				
			light gray bleached mica.											
			Mineralization: banded rock with disseminated											
			sphalerite with minor PbS as 296½-297½; pyrite in											

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

Diamond Drill Record

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-7
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			285.4-285.9, 288-289, 289½-290.2, 291.5-292.7,											
			295.1-295.3; Bleaching (incipient) along random											
			mica bands.											
			Mineralization: 1-3% total sulfides for section,											
			mainly traces of pyrite along S2 foliations and in											
			with bands in with quartzitic zone @ 296½, and quartzi-											
			tic zones mentioned above; and with fractures @ 296½-297½.											
			Sphalerite approx. 15% in with $CaCO_3$ sericite graphite											
			phyllite. Section shows no bleaching but $CaCO_3$ is											
			higher than above 296½ where reaction to HCl is un-											
			common. No bleaching in this mineralized section.											
297.5	300	100	Sericite graphite quartz phyllite - no $CaCO_3$ reaction,	297.2	300	2.8	19543	2.85	4.38	.14				
			light gray bleached mica.											
			Mineralization: banded rock with disseminated											
			sphalerite with minor PbS as 296½-297½; pyrite in											

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

Diamond Drill Record

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-7
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC. %	DESCRIPTION	SAMPLE From	SAMPLE To	SAMPLE Width	SAMPLE No.	ASSAYS Pb	ASSAYS Zn	ASSAYS Cu	STRUCTURE Struct	STRUCTURE Loc.	STRUCTURE Value
			brecciated zone 299-300.										
						Split							
300	321.5	105	Quartzite with sericite and micas. Mineralized section.	300	300.4	0.4	19544	.03	.04	.03	Sl ?	304	15°
			300-303 Bleached micas-quartz phyllite, total	300.4	303	2.6	19545	Tr.	.02	.02	S2	320	50
			sulfides < 5%.	303	307	4.0	19546	.56	.51	.10			
			303-307 Bleached micas-quartz-phyllite, total	307	309.2	2.2	19547	6.57	7.03	.07			
			sulfides 20-25% of which approx. 70-80%	309.2	310.5	1.3	19548	.65	.42	.08			
			pyrite, 20-25% sphalerite, 0-5% galena.	310.5	312.8	2.3	19549	.03	.04	.02			
			307-309.2 Massive sulfides. Banded, 50-60% total	312.8	313.25	0.45	19550	.78	.63	.10			
			sulfides, 70-80% pyrite, 20%± sphalerite,	313.25	313.9	0.65	19551	Tr.	.04	.03			
			0-5% galena.	313.9	317.8	3.8	19552	2.03	3.24	.13			
			309.2-310.5 15-20% sulfides banded ore in bleached	317.8	318.55	0.75	19553	6.32	7.99	.07			
			mica quartzite phyllite.	318.55	321.55	3.0	19554	.50	.33	.15			
			310.5-312.8 Bleached muscovite phyllite < 5% total										
			sulfides - barren.										
			312.8-313.1 Banded ore as 303-306.										

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

Diamond Drill Record

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-7
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			313.1-313.9 Barren, bleached, muscovite phyllite as											
			310.5-312.8.											
			313.9-317.8 Banded sulfides 25-30% with quartz and											
			minor bleached micas. Rock brecciated.											
			50-60% (40:20) phyrite + pyrrhotite,											
			30-40% sphalerite, rest galena, trace											
			1% chalcopyrite.											
			317.8-318.55											
			Massive sulfides with bleached silicate											
			"phenocrysts" xenoliths, 60%+ total sul-											
			fides, 80-90% pyrrhotite, 15% pyrite,											
			4% sphalerite, 1% galena, trace chalco-											
			pyrite.											
			318.55-321.5											
			Banded quartzitic ore with minor mica											
			25% totals, bottom contact near banded											

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

Diamond Drill Record

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-7
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC. %	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			ore 40°, banded ore 80°.											
			70-75% pyrite, trace pyrrhotite, 15-20%											
			sphalerite, 4% pyrite, 1-2% chalcopyrite.											
			319.1-321 Sericite quartz phyllite, bleached zone											
			as 396½-397½. Broken up -											
			brecciated.											
			Mineralization - 10% total sulfides,											
			60-70% pyrite, 30-40% sphalerite.											
321.5	419.5	98	Sericite graphite chlorite quartz phyllite; bands 1/8"									S1	326	15°
			or less (graph-graph-sericite) medium to light gray,									S2	349	15
			the more siliceous zones appear to be the more chlorite									S1	343	60-90
			rich, 15 short to 3" quartz sections randomly distri-									S2	343	15
			buted through core. Section from 402-419 increasingly									S2	354	30
			lighter in color due to bleaching or increase in									S2	370	18
			chlorite.									S2	388	15

Diamond Drill Record

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-7
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC. %	DESCRIPTION	SAMPLE From	To	Width	No.	ASSAYS Pb	Zn	Cu		STRUCTURE Struct	Loc.	Value
			Breccia-fault zone 389-389½ not gouge.									S1	413	50°
			S1 especially well-developed in section 328-354. No									S2	413	20
			bleaching at bottom of mineral section.									S2	417	5-10
			Mineralization: trace to 1% pyrite and less											
			pyrrhotite, 99% of mineralization is along S2 surfaces,											
			rest is along randomly distributed hairline fractures.											
			Brownish color to phyllite at 411-413 due to biotite											
			(brown chlorite?) formation. Section is brown bands											
			interlayered with white $CaCO_3$ bands.											
			Breccia 344-344½ - possible fault. Highly broken to											
			346½.											
419.5	435.5	95	Sericite chlorite quartz phyllite; bleached. Section									S2	428	15
			419-420.5 $CaCO_3$ rich and has brown mica (biotite?),											
			unaltered rock approx. 65% quartz, 25% sericite, rest											
			chlorite. Color tan to greenish tan (from chlorite).											

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

Diamond Drill Record

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-7
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC. %	DESCRIPTION	SAMPLE From	SAMPLE To	SAMPLE Width	SAMPLE No.	ASSAYS Pb	ASSAYS Zn	ASSAYS Cu	ASSAYS	STRUCTURE Struct	STRUCTURE Loc.	STRUCTURE Value
			Gougy crumbly zone 423½-424 - fault(?)											
			Mineralization: 1-3% total sulfides, only pyrite											
			identified, principally confined along S2 and, to a											
			lesser extent, in minor fractures.											
			Punky-poorly cemented sections 443-445, 474-476.											
435.5	443	77	Graphitic quartz sericite(?) phyllite; medium to dark											
			gray - black, approx. 20-25% graphite section, rest											
			light colored quartz - no HCl reaction.											
			Mineralization: total < 2%, mostly pyrite but short											
			(-3") section at 441, with 10-15% sphalerite.											
443	513	100	Chlorite sericite quartz phyllite; bleached greenish	500	505.9	Chip 5.9	19555	.02	.04	.07		S2	450	10°
			tan color. Micas: quartz 1:1, chlorite:sericite =	505.9	507.4	Split 1.5	19556	.18	.27	.02		S2	459	10-15
			2.5:1.	507.4	507.6	Split 0.2	19557	.02	.04	.04		S2	477	13
			Mineral bands average less than 1/8".	507.6	509.4	Split 1.8	19558	.06	.03	.18		S2	505	10

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COLLAR:	HOLE SURVEY		
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NORTH			
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COMPANY NAME
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PURPOSE OF HOLE

HOLE NO. 456-75-7
CLAIM NAME
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FROM	TO	REC. %	DESCRIPTION	SAMPLE From	SAMPLE To	SAMPLE Width	SAMPLE No.	ASSAYS Pb	ASSAYS Zn	ASSAYS Cu	STRUCTURE Struct	STRUCTURE Loc.	STRUCTURE Value
			Mineralization: Average 1-3% total sulfides, pyrite:	509.4	513.05	Chip 3.65	19559	.02	.02	.03			
			pyrrhotite = 1:1 along S2 and in hairline fractures.										
			506-507½ - graphitic quartz phyllite. Quartz bands								S2	507	20-25
			boudined giving brecciated appearance.								S2	513	to 90
			Mineralization: total sulfides 5%, mainly										
			in quartzite bands, pyrite to sphalerite										
			abundance, 4:1.										
						Split							
513	528	104	Chlorite sericite quartz phyllite; as above but	513.05	515.4	2.35	19560	.02	.01	.12			
			significantly higher mineralization, possibly slightly	515.4	518	2.6	19561	.01	.01	.17			
			more bleached.	518	523	5.0	19562	Tr.	.01	.17			
			Mineralization: total sulfides 15-20%, pyrite 60%,	523	528.1	5.1	19563	.01	.01	.08			
			pyrrhotite 40% - no base metal sulfides readily noted.										
528	537	66	Sericite chlorite quartz phyllite; tan to greenish tan	528.1	532.8	Chip 4.7	19564	Tr.	.01	.02	S2	532	10
			color, highly bleached sericite:chlorite 2:1.										

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
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COMPANY NAME
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PURPOSE OF HOLE

HOLE NO. 456-75-7
CLAIM NAME
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FROM	TO	REC. %	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			Micas:quartz 1:1. Highly sericitic 536-537, brecciated.											
			Gouge 536½-537.											
			Mineralization: decreased to 5-10% total sulfides.											
537	574	96	Chlorite graphite sericite phyllite; medium gray minor											
			quartzite. Micas:quartz 4:1. Minor incipient									S2	550	10°
			bleaching, poorly cemented core, readily breaks into									S2	561	10
			disks parallel to S2. Two short sections to 1" of											
			biotite with quartzitic bands.											
			Soft broken sections: 537-537.5, 534-534.2 breccia,											
			541-543, 546-548, 554-555.5, 560-561.5.											
			Quartz veins at 563-565, 570-572; other short sections											
			randomly spaced through section.											
												S2	575	7-12
574	675	90	Chlorite sericite graphitic biotite quartz phyllite,									S2	598	5
			chlorite (60%), sericite (30-35%), with traces (5%) of graphitic biotite (1-5%), partly									S2	615	10

COLLAR:	HOLE SURVEY		
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FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			bleached; gray to greenish gray in color. Darker gray									S2	640	5
			sections have higher biotite (brown mica) content or									S2	670	3-5
			variable graphite sericite content. Longest biotite											
			phyllite section 662-663. This section is also											
			carbonate-rich (HCl reaction) - other sections do not											
			show this. In general, the brown mica sections tend											
			to be $CaCo_3$ rich.											
			Color of section alternates from gray to greenish gray											
			2-3' zones - lighter color in part due to bleaching											
			which varies from 5% to 15%.											
-			Punky sections: 602-603, 604-607, 634-635, 653-653.3,											
			658-659, 667-668.5, 670-672, 674.5-675.											
			Mineralization: section < 1% (only traces) of sulfides.											
			Most are concentrated along 1" or less bands which are											
			randomly distributed through section parallel to S2.											
			Most of sulfides to 90% is pyrite with occasional											

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
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FROM	TO	REC. %	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			pyrrhotite (10% of total) and traces of galena and											
			sphalerite.											
675	730	99	Biotite(?) - brown mica, chlorite carbonate phyllite;									S2	720	10°
			micas: carbonate 2:1; appears to increase in											
			carbonate with depth coinciding with decrease											
			in biotite content. In general, color also changes											
			from brown to gray-brown with sections of core looking											
			like limestone.											
			Mineralization: sulfides average 2% for section with											
			short (2-3") runs approx. 5%. Mainly (90%) is											
			pyrrhotite (60%) and pyrite (40%) with carbonate bands											
			in short sections (1"), up to 20-25% of sulfides is											
			galena but probably in trace (< 0.1% for section).											
			Upper contact minor (2" zones) of brecciation, also											
			brecciated at 729-730.											

Diamond Drill Record

COLLAR:	HOLE SURVEY		
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FROM	TO	REC. %	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
730	735	43	Fault zone gouge - punky phyllite and clay zone.											
735	736	43	Highly bleached sericite phyllite - brecciated(?)											
736	737	43	Sericite graphite phyllite, upper 2" contact brecciated but rock not bleached.											
737	738	74	Biotite carbonate phyllite; brownish gray same as section 721-730.											
738	745	74	Sericite (40%), graphite (40%), carbonate (20%) phyllite;30-50% bleached. Highly broken 740-742.									S2	740	15°
745	755	56	Sericite phyllite; highly (70%+) bleached; tan color, hairline black bands are pyrite. Mineralization: 1% total sulfides in sections 745-754,									S2	749	50-60

COLLAR:	HOLE SURVEY		
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FROM	TO	REC. %	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			754-755, 3-7% increasing towards contact with under-											
			lying zone of graphite sericite quartz phyllite.											
755	762		Sericite graphite quartz phyllite; 20% graphite,									S2	759	25°
			sericite to quartzite ratio 1:1; medium-dark gray,									S2	762	30
			Quartz with minor bleached chlorite zone 760-761, 761½-											
			762.											
			Mineralization: traces of pyrite along S2.											
762	786		Graphitic sericite quartzite phyllite; 85% of section									S2	774	10
			is graphitic sericite, dark gray, generally highly											
			broken except along more siliceous zones at 770-772,											
			774-782 (cf recovery).											
			Punky, possible gouge zone at 782-786.											
			Mineralization: trace pyrite along S2 and along short											
			hairline fractures.											

COLLAR:	HOLE SURVEY		
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FROM	TO	REC. %	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
786	789	93	Diorite, dike, similar in composition and bleached											
			appearance to batholith in bottom of hole. Mineralogy											
			grain size. Foliation - 50°.											
789	815	100	Chlorite schist, with two short 1' sections of biotite											
			chlorite schist at 789-791, 805-806, generally coarser									S2	792	50°
			grain micas than previous sections.									S2	807	50
			Brecciated and bleached biotite chlorite schist 789-791,									S2	811	40
			fragments not far displaced. Section 815-816 highly											
			bleached "contact" on top of underlying graphitic											
			phyllite.											
			Whole section from 791 to 816 soft and punky - "friable".											
			Mineralization: trace of pyrite noted as fine dissemi-											
			nated individual grains.											

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FROM	TO	REC. %	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
815	862	84	Graphitic sericite phyllite; (dark gray), with short									S2	816	55°
			zones with minor quartz and carbonate content. Varies									S2	823	20
			from 60-100' graphitic mica phyllite with section									S2	825	20
			averaging 75-80% mica phyllite, to less graphitic									S2	833	50
			light gray zone 845 to 853, 825-827, then highly									S2	845	25
			graphitic to bottom of section.									S2	855	30
			Entire section very soft, especially 817-825, 827-830,									S2	861	40
			840-853. S2 foliations variable through section and									S2	861½	5
			soft section may represent fault zone.											
			Mineralization: trace of fine grained pyrite (only											
			sulfides noted).											
862	870.5	102	Chlorite biotite sericite (bleached) quartz carbonate									S2	867	7
			phyllite; greenish brown, chlorite to biotite ratio 1:1,											
			mica section 20% bleached, carbonates 10-20% of rock.											
			Mineralization: traces of pyrite noted.											

Diamond Drill Record

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FROM	TO	REC. %	DESCRIPTION	SAMPLE From	SAMPLE To	SAMPLE Width	SAMPLE No.	ASSAYS Pb	ASSAYS Zn	ASSAYS Cu	ASSAYS	STRUCTURE Struct	STRUCTURE Loc.	STRUCTURE Value
870.5	877	99	Sericite chlorite phyllite; - bleached section, light tan color. Sericite to chlorite ratio 6:4. Mineralization: traces of pyrite, quartz 876½-877.											
877	912	103	Sericite chlorite, minor graphitic sericite quartz phyllite. Sericite to chlorite ratio 3:1. Medium gray, light and dark banded striped appearance - bands less than 1/4". S2 consistent to 890, past this S2 and rock comp. bands highly distorted, increase in $CaCO_3$ zones. Minor bleaching, 10% or less of zone. S1 steep to near vertical. Quartzitic bands are broken giving brecciated appearance to core. Appearance of minor zones of diorite from batholith contact.									S2	891	10°

Diamond Drill Record

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FROM	TO	REC. %	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
912	946	93	Diorite (Anvil batholith), medium grained white									Mica	bands	
			diorite. Plag. musc. rock.									S2	925	25°
			Contact 55° parallel to foliations at 912 - 2 measure-									S2	945	25
			ments.											
			Diorite bleached kaolinitic to 935¼.											
			Zones to quartz feldspar biotite quartz diorite.											

DDH: 4567507 -- 42 DEGREE PROFILE

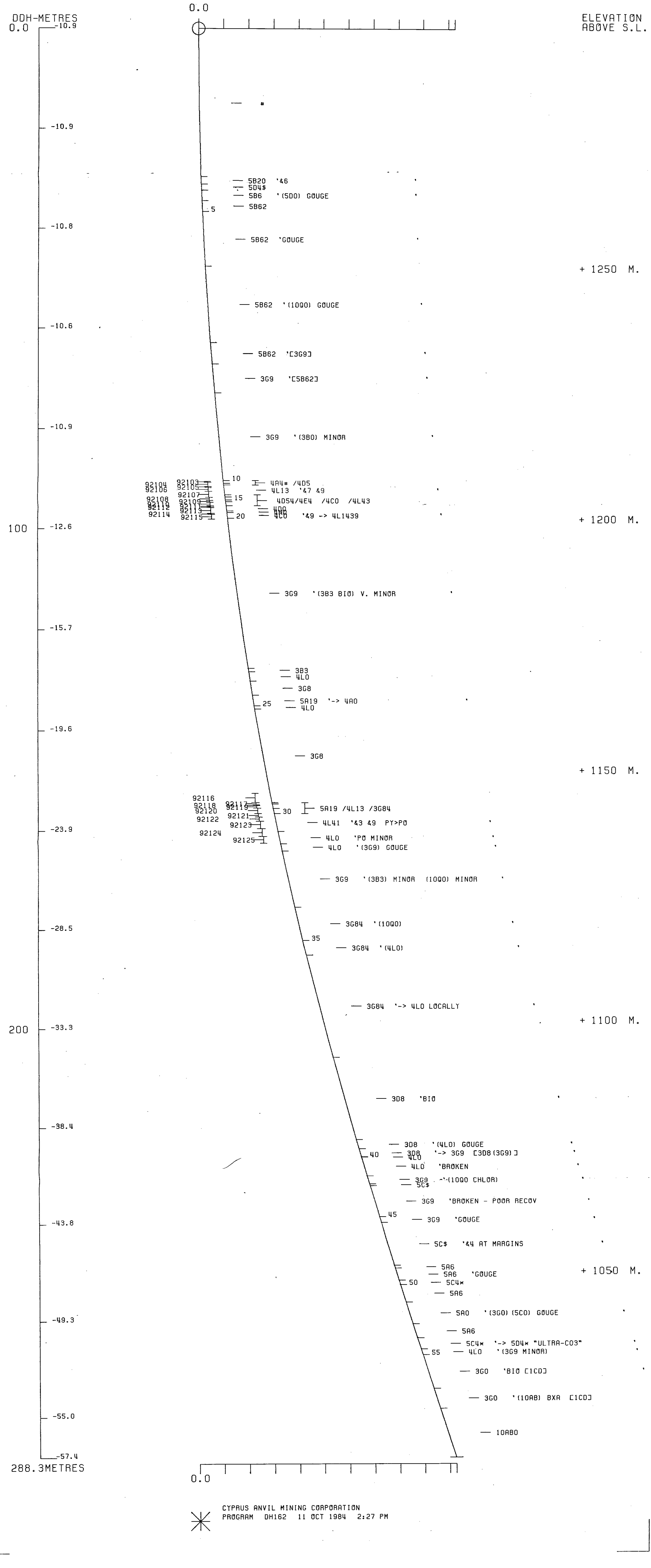
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1300 592530E ; 905138N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 758.3 Z = 1297.8

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 11 OCT 1984 2:27 PM

DDH: 4567507 -- 42 DEGREE PROFILE

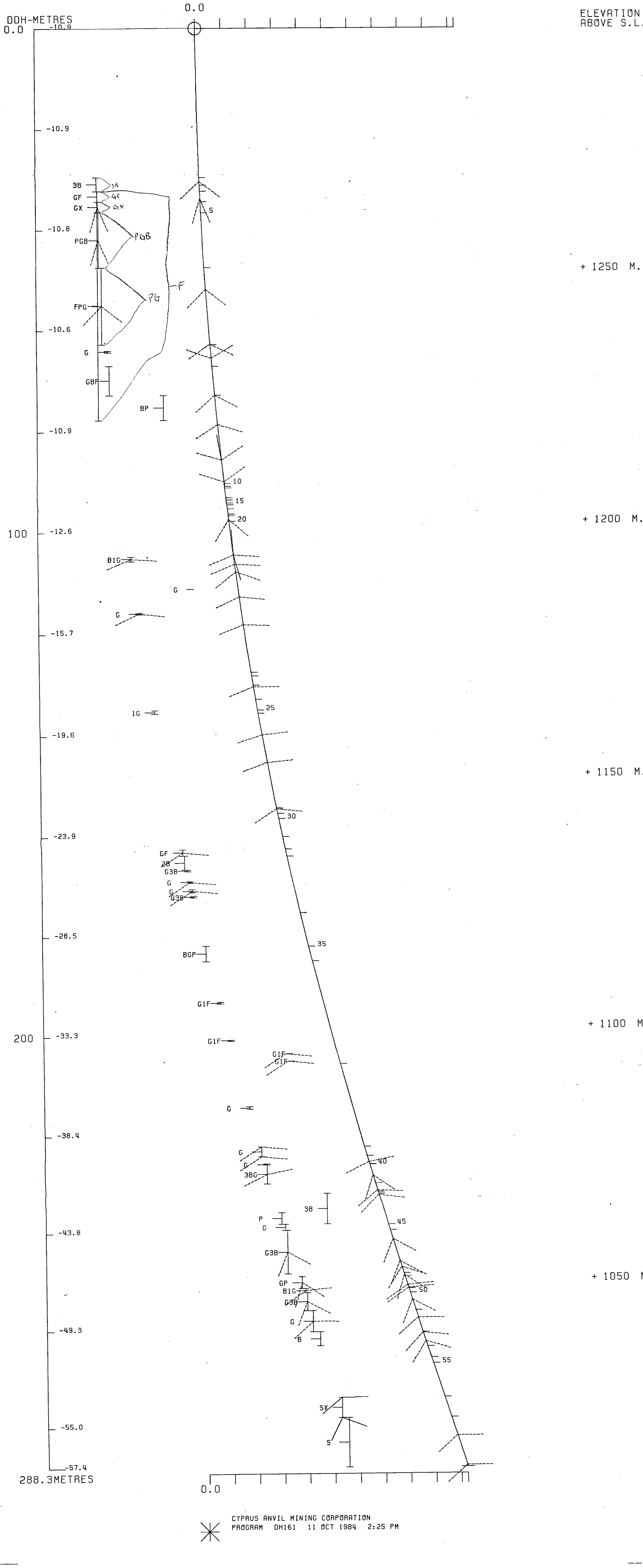
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1300 592530E ; 905138N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 758.3 Z = 1297.8

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 11 OCT 1984 2:25 PM

FAGU001

DRILL HOLE : FAGU001
NORTHING : 904,987.4
EASTING : 592,385.1
ELEVATION : 1,144.0
TOTAL DEPTH : 62.5
SECTION : W 72
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 0

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 14
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 22
NOS DOWN-H-STRUCTURE: 0
NOS DOWN-H-FAULTS: 17
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

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

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	92150	2.0	1.8	4A4			3.98	5.89		55.53										
2.0	4.0	92151	2.0	1.8	4A4			4.17	4.60		54.51										
4.0	6.0	92152	2.0	1.9	4A4			4.28	6.45		62.39										
6.0	8.0	92153	2.0	1.9	4A4			4.05	9.45		63.42										
8.0	9.0	92154	1.0	1.0	4A4			4.09	6.90		57.59										
14.0	15.0	92155	1.0	.8	4D4			9.26	15.00		129.24										
15.0	17.3	92156	2.3	1.5	4K4*			3.38	10.46		55.53										
17.3	18.8	92157	1.5	1.4	4K4*			8.50	17.22		111.07										
44.1	45.7	92158	1.6	.2	4E4			8.35	12.52		139.18										
45.7	47.2	92159	1.5	.7	4E4			8.15	14.81		115.87										
47.2	48.8	92160	1.6	1.2	4E4			6.79	13.74		109.01										
48.8	50.3	92161	1.5	1.3	4AE4			7.56	12.16		97.70										
51.8	53.3	92162	1.5	.3	4E4			7.99	10.07		164.89										
53.3	54.9	92163	1.6	.8	4EG4			8.85	14.60		129.24										
WEIGHTED AVERAGE																					
.0	9.0		9.0	8.4				4.11	6.63		58.81										
14.0	18.8		4.8	3.7				6.20	13.51		88.24										
44.1	50.3		6.2	3.4				7.70	13.30		115.71										
51.8	54.9		3.1	1.1				8.43	12.40		146.49										

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

DEPTH	ZENITH	AZIMUTH
0.000	87.000	110.100

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

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

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

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

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

DDH	SEGMENT NOS	COND INDICATOR
FAGU001	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU 001

Fabric Orientation Diagram:

Project: _____

Location: _____

Claim: _____

UTM ~~Terr.~~ Plane Co-ords.: 6904987.387 N

Conversion of K-A surveyed grid co-ords

592385.1137 E

Grid Co-ords.: 72W / 6N

_____

All symmetry determinations looking

_____ with _____ dipping

Elevation: 1143.96 m.

_____ with dip azimuth _____.

Total Depth: 62.5m

Purpose: _____

Logged by: _____ Date(s) Logged: _____

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

_____ _____ _____

_____ _____ _____

_____ _____ _____

Started: _____ Completed: _____

CYPRUS ANVIL MINING CORPORATION Page 1 of ____

DIAMOND DRILL CORE LOG Date: ____

Hole Number: FAGU001

Project: Grum Relog

Location: Vangorda Plateau

Claim: ____

atm ~~Terr.~~ Plane Co-ords.: 6904987.4 N

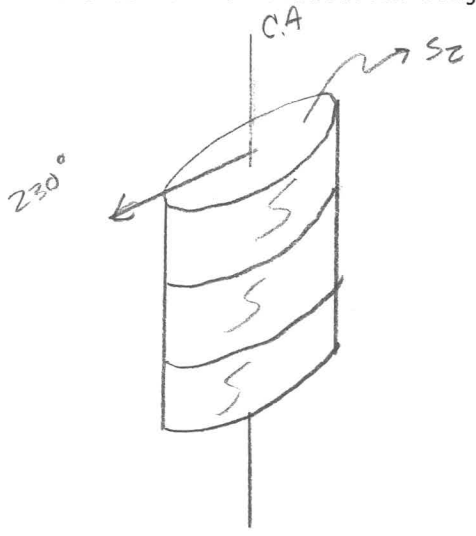
592385.1 E

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

Elevation: 1144.0

Total Depth: 62.5m

Reference Fabric Orientation Diagram:



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

Purpose: ____

Reason hole Terminated: ____

Re Logged by: JSM Date(s) Logged: ____

Drilling Contractor: ____

CORE Size	From	To
BQ	0	62.5

Collar Cased and Capped: ____

Hole Cemented: ____

Steel down hole: ____

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

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH FAGU001
(2 – 8)

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 – 8	10 – 16	17 – 24	25 – 32	34 – 48
T	FAGU001	1144.09	9049873.4	592385.1	METRES

110.1 for True North

Code	Drillhole	Depth		Zenith Angle		True Azimuth	Comments
	2 – 8	10 – 13	14	22 – 25	26	28 – 32	34 – 56
R	FAGU001	0	0	87.0		108.6	AT COLLAR
R							
R							
R							
R							
R							
R							
R							
R							
R							
R							
R							
R							
R							
R							
R							
R							

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

DDH F.A.G.U.0.0.1 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 3 of ____

Date: ____ Logged By: JSM

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	00	89		1	4A4	+3G2 (grading to 4A4 phyllitic w/ no graphite)
						(4A43)
						Bxiation @ 3.6
						Lower ctc // comp bndg?. Slightly gouged
L	89	107		2	4L0	fairly stp foliation, broken core. Lower ctc broken
L	107	122		3	4L0?	No core recovery, Fault?
L	122	140		4	4L0	Fairly competent, stp foliation to 12.7,
						5D4* ank w/ marip blebs [SF?] 12.7–12.9
						12.9–13.0 gougey
						13.0–14.0 stp foliation, poor rec'vy (.4/1.0)
						+ gouged lower ctc
L	140	152		5	4D4	Rubble + poor rec'vy 0.9/1.2 Lower ctc broken
L	152	175		6	4K4	15.2–15.4 (4E4) → calcite
						-16.2 (4K4) strongly calcareous w/ banded 4G texture
						-17.1 (4K4) patches of buff FeMg $CO_3^=$ + sfds, vuggy
						-17.3 (4K4) patches of white FeMg $CO_3^=$ + sfds,
						not vuggy + Fe stained as above
						-17.5 (4K4) banded. Lower ctc broken
L	175	188		7	4K4	As "patchy" 4K above, patches of Fe stained
						FeMg $CO_3^=$, but matrix is much higher
						grade. Matrix = sp+gn >>> py whereas in
						unit #6 matrix = predominantly pyrite
						w/ base metals concentrated near the
						$CO_3^=$ patches Lower ctc // S_2 (very stp)
L	188	255		8	4L0	Stp foliation, broken @ 22.2, 25.3
L	255	415		9	5B6	[3G0?] pale grey phyllite Looks like it should be calcareous!
L	415	441		10	5B6	[3G0?] Broken core, poor rec'vy, gouge @ F.W.
						1.5/2.6 m rec'vy. Lower ctc rubbled.
L	441	484		11	4E4	Rubble (completely to 47.2, 80% rubble to 48.4)
						(4E41) Lower ctc rubbled.
L	484	490		12	4A4	(4A41, 4A41 phyllitic) Mostly rubbled core.
						Lower ctc arbitrary
L	490	498		13	4E41	(4D4) Rubble @ HW + FW
L	498	503		14	4E4	porous; complete rubble from 50.0–50.3
L	503	518		15		? Mud seam, Air Pocket, No core
L	518	534		16	4E4	porous completely rubbled core

4E affinities

4J affinities

DDH _____ (2 – 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 – 14	16 – 20	22 – 24	26 – 28	30 – 34	35
L	1534	1541	03	17	4G4	~45% BaSO4, honey sp.
L	1541	1549	03	18	4E4	porous
L	1549	1564	12	19	4A4	mostly gouged w/ some siliceous pebbles Possibly 4A to ~ 55.5 then 5A ?
L	1564	1579	01	20	5C4	? marip. Rubble, note poor recovery
L	1579	1594	06	21	4L0	? rubble, poor rec'vy Lower ctc rubbled
L	1594	1625	17	22	4L0	poor rec'vy, some broken core

C. A. M. C. 1981 – E-3

new revised lith coding

DDH F.A.G.U.0.0.1 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
				1	4A4	→ (4AH PHYLLITIC [4D5]) (4A43)
					4L0	
					4L0	No core
					4L0	(5D4@) 90:10 [4C0]
					4D4	
					4K4	# * (4E4) 4E-RELATED
					4K4	* 4J-RELATED
					4L0	
					5B6	[3G0]
					5B6	[3G0]
					4E4	(4E41) RUBBLE
					4A4	(4A41 X 4A41 PHYLLITIC [4D5])
					4E41	(4D4)
					4E4	POROUS RUBBLE
					FAULT	NO CORE
					4E4	POROUS RUBBLE
					4G4	
					4E4	POROUS
					4A4	GOUGE
					5C4	RUBBLE
					4L0	RUBBLE

Metres

FAULT

DDH FAG4001 (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		136	TXD					bxiations in 4A4
F	189	1107	B					brken core in 4L0
F	1107	122	NPF					no core - fault zone?
	1129	1130	G					gouge
	1130	1140	P	4				0.4/1.0m
	1140	1152	PR	7				rubble & poor recovery 0.9/1.2
		2122	B					brken
		2153	B					
	1411 5	1441	BP	5				brken, poor recovery 1.5/2.6
	1441	1490	3R					rubble
		1498	R					rubble
	1510 0	1510 3	R					complete rubble
	1510 3	1518	NPF					no core - mud seam & air pocket
	1518	1534	3R					completely rubbled core
	1549	1564	G					mostly gouged w/ some siliceous pebbles
F	1564	1594	RP					rubble - poor recovery
	1594	1625	PB					poor recovery - some brken core

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

DDH FAGU001 (2 8) Cyprus Anvil Mining Corp

Page _____ of _____

Logged by _____

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
	100	120	921550	20	18	4A4	
	120	140	921551	20	18	4A4	
	140	160	921552	20	19	4A4	
	160	180	921553	20	19	4A4	
	180	196	921554	10	10	4A4	
	1140	1150	921555	10	08	4D4	
	1150	1173	921556	23	15	4K4	
	1173	1188	921557	15	14	4K4	
	1441	1457	921558	16	02	4E4	
	1457	1472	921559	15	07	4E4	
	1472	1488	921560	16	12	4E4	
	1488	1503	921561	15	13	4AE4	
	1518	1533	921562	15	03	4E4	
	1533	1549	921563	16	08	4EG4	

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

DIAMOND DRILL RECORD

LOGGED BY A.M. DEQUADROS

D.D.H. Nº 75-U1

PROPERTY GRUM JOINT VENTURE - UNDERGROUND

LATITUDE 10778.510N Line Grid 5+23NRamp

DEPARTURE 7691.728E 72+56.5W

ELEVATION 1154.572m

STARTED 1st December 1975

COMPLETED 3rd December 1975

PROPOSED DEPTH

ULTIMATE DEPTH 62.5m

HOLE SURVEY:

DEPTH	BEARING	DIP
Collar	110°13'11"	+3

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	9.0	QUARTZ - SULPHIDES													
		Competent, brittle, silicified, qtz-sulphs with thin layers of massive sulphs, with minor ser and graph; graph content increases downwards, grading into a qtz-sulph graph rock; though well banded, rock is not fissile, tending to break irregularly, generally at right angles to c.ax. Fol'n (probably Fl) well defined by sulph rich bands. Details:-													
		0 - 2.0 Qtz sulphs, Fl 40-50° Py 40, PbZn 10-12	1.85	U1101	0.0	2.0	2.0	3.98	5.89	1.62			7.96	11.78	3.24
		4.0 As above, but more broken, slightly graphitic, Fl 40-50°, Py 40, PbZn 10-12	1.8	U1102		4.0	2.0	4.17	4.60	1.59			8.34	9.20	3.18
		6.0 As above, Py 40-50, PbZn 11-12	1.9	U1103		6.0	2.0	4.28	6.45	1.82			8.56	12.9	3.64
		8.0 As above, but more graphitic,; 6.0-7.5 Fl, 40-50° 7.5-8.0 Fl, 30°, Py 35-40, PbZn 10-12	1.9	U1104		8.0	2.0	4.05	9.45	1.85			8.10	18.9	3.70
		9.0 As above, but very graphitic, Py 40, PbZn 12-14	1.0	U1105		9.0	1.0	4.09	6.90	1.68			4.09	6.90	1.68
			WT.AV.		0.0	9.0	9.0	4.11	6.63	1.7156	(58.8)		37.05	59.68	15.44
			WT.AV.		0.0	4.0	4.0	4.07	5.24	0.81	(27.7)		16.30	20.98	3.42
			WT.AV.		6.0	9.0	3.0	4.06	8.60	1.794	(61.4)		12.19	25.80	5.38
9.0	14.0	BLEACHED QUARTZ-SERICITE AND CHLORITE PHYLLITES PALE													
		Very broken, highly incompetent rock, very broken with large anhedral crystalloblasts of qtz; very minor py, no tr of PbZn.													

LOGGED BY A. M. DEQUADROS D.D.H. NO 75-U1 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
9.0	14.0	9.0-10.7 Essentially qtz-ser-phyl, fol'n (F2?) 20-30° to c.ax.	1.4/1.7		9.0	10.7									
		12.2 No core; fault zone?	0.0/1.5			12.2									
		14.0 Qtz-chl-phyl-very broken but partly silicified, especially between 12.2 to 12.8 where recovery total 12.8-14.0 highly sheared and brecciated.	0.6/0.6 0.7/1.2			12.8 14.0									
	18.8	MASSIVE SULPHIDES													
		Very broken with minor arsenopyrite and chalcopyrite.													
		14.0-15.0 Very broken, vuggy, brecciated, F1 45°, Py 30, PbZn 20-25, Qtz 10	0.8	U1106	14.0	15.0	1.0	9.26	15.0	3.77			9.26	15.0	3.77
		17.3 Very broken, vuggy, brecciated, Py 40, PbZn 15, qtz (blebs) 10-20, F1 45°.	1.5	U1107	15.0	17.3	2.3	3.38	10.46	1.62			7.774	24.058	3.726
		18.8 Massive sulphide, brecciated with cpy and arsenopyrite, Py 20-30, PbZn +30	1.4	U1108	17.3	18.8	1.5	8.50	17.22	3.24			12.75	25.83	4.86
			WT.AV.		14.0	18.8	4.8	6.21	13.51	2.574	(88.2)		29.784	64.888	12.356
	24.4	QUARTZ-CHLORITE-PHYLLITE PALE GREY	5.2/5.6		18.8	24.4									
		Generally hard, silicified and competent, but brittle, resulting in broken zones; F2 0-20°. Grades downwards to a qtz-ser-phyl. Trace py, no visible PbZn:													
		18.8-19.4 Very broken													
		19.8 Hard, silicified													
		20.1 Very broken													
		24.4 Competent grading into a qtz-ser-phyl													

LOGGED BY A.M. DEQUADROS D.D.H. NO 75-01 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
24.4	44.1	QUARTZ - SERICITE - PHYLLITE LIGHT GREY													
		Silicified, partly altered, brittle with numerous broken zones, F2 generally 25-30°.													
		24.4-25.7 Partly bleached, broken	1.2/1.3		24.4	25.7									
		43.7 Med. grey, generally broken, blocky	17.8/28.0			43.7									
		44.1 Very broken and gougy zone	0.5/0.8			44.1									
	54.9	MASSIVE SULPHIDES													
		Very broken, blocky and variable; grade difficult to estimate due to broken nature. Details:													
		44.1-45.7 Py 60-70, PbZn 6?, very broken	0.2	U1109	44.1	45.7	1.6	8.35	12.52	4.06			13.36	20.032	6.496
		47.2 Py 60-70, PbZn 6-8? F1? 50°	0.7	U1110		47.2	1.5	8.15	14.81	3.38			12.225	22.215	5.07
		48.8 Py 60, PbZn 11-12 48.6-48.8 qtz-ser-sulph-phyl, F1 60°	1.2	U1111		48.8	1.6	6.79	13.74	3.18			10.864	21.984	5.088
		50.3 Very broken, partly vuggy and powdery, especially between 49.9-50.3 48.8-49.9 Hard, silicified, F1 45-50° 49.9-50.3 Soft, vuggy, powdery, F1 70°. Overall Py 60, PbZn 12-14	1.3	U1112		50.3	1.5	7.56	12.16	2.85			11.34	18.24	4.275
		51.8 No core; driller's note mud seam and air pocket	0/1.5			51.8									
		53.3 Broken powdery core, py 60, PbZn 18?	0.3	U1113		53.3	1.5	7.99	10.07	4.81			11.985	15.105	7.215
		54.9 Variable, Py 60, PbZn 12-14 53.3-54.3 Silicified with barite, F1 70-80° -54.9 Vuggy, broken F1 80-90°	0.8	U1114		54.9	1.6	8.85	14.60	3.77			14.16	23.36	6.032
			WT.AV.		44.1	54.9	10.8	6.84	11.19	3.164	(108.5)		73.934	120.936	34.176
		NOTE: SAMPLED FROM BLOCK TO BLOCK DUE TO UNEVEN													
		CORE RECOVERY													

LOGGED BY A.M. DEQUADROS D.D.H. NO 75-U1 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
54.9	62.5	MIXED PHYLLITES													
		54.9-56.4 Very broken, gougy (minor fault breccia), rock essentially graphitic phyllite.	1.0/1.5		54.9	56.4									
		57.9 Few pebbles of bleached sericite-phyl with fuschite	0.1/1.5			57.9									
		59.4 Very broken bleached sericite phyl, F2 45°	0.6/1.5			59.4									
		60.8 Grey altered ser-phyl, less broken with F2 45°; F1 subvertical	1.0/1,6			61.0									
		62.5 Very bleached qtz-ser-phyl, broken	0.5/1.5			62.5									
	62.5	END OF HOLE													

NOTES: 1. No Dip and Bearing Tests

2. Foliations classified on basis of underground experience.

DDH: FAGU001 -- 42 DEGREE PROFILE

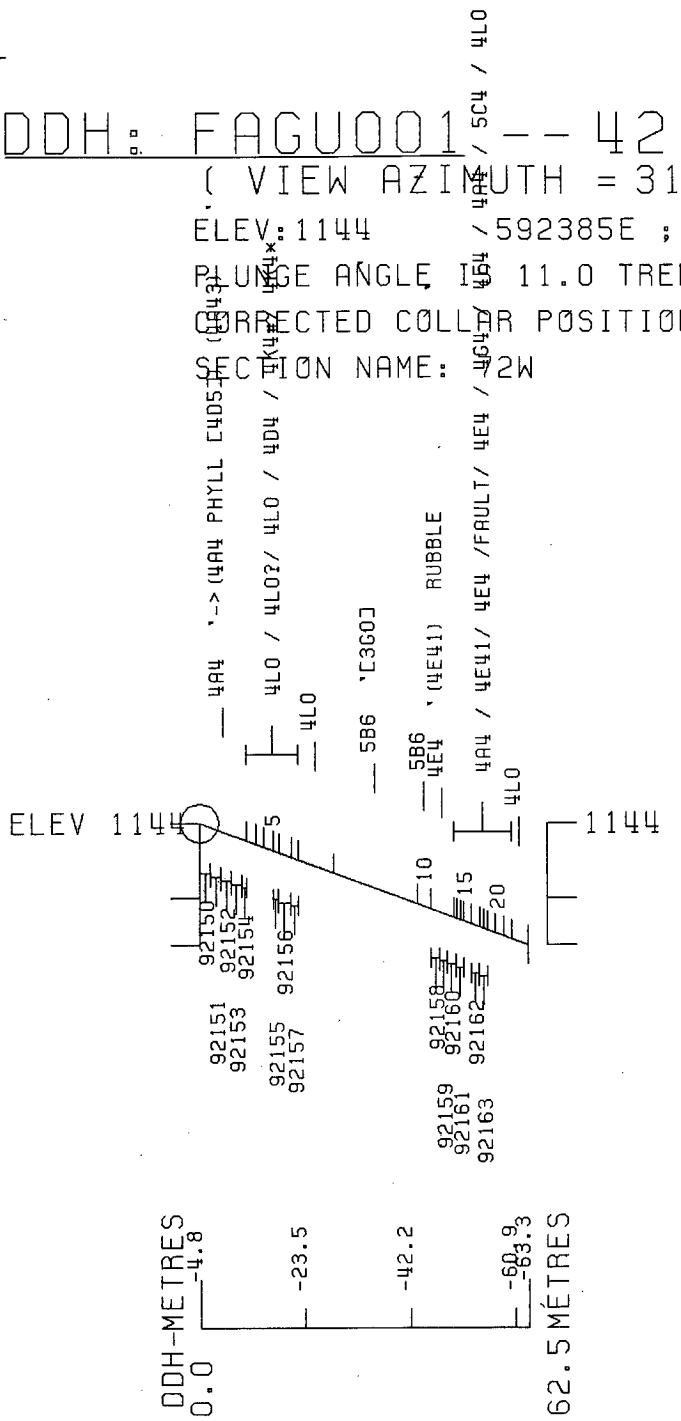
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1144 / 592385E ; 904987N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 549.4 Z = 1143.1

SECTION NAME: 42W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 10 DEC 1984 4:22 PM

DDH: FAGU001 -- 42 DEGREE PROFILE

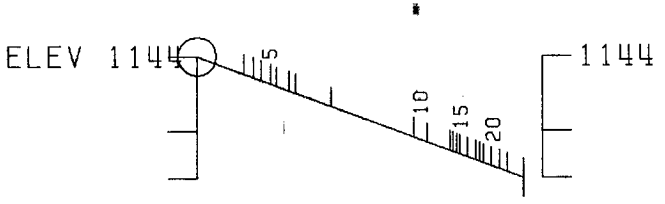
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1144 592385E ; 904987N

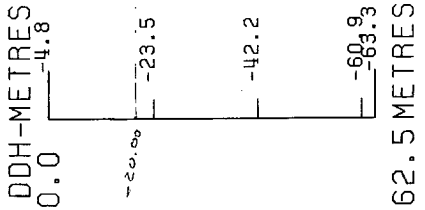
PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 549.4 Z = 1143.1

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 10 DEC 1984 4:34 PM



FAGUOO2

DRILL HOLE	:	FAGU0C2
NORTHING	:	904,988.6
EASTING	:	592,384.9
ELEVATION	:	1,144.0
TOTAL DEPTH	:	50.2
SECTION	:	W 72
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:	7
NOS DOWN-H-SURVEYS:	1
NOS DOWN-H-LITHOLOGY:	11
NOS DOWN-H-STRUCTURE:	9
NOS COWN-H-FAULTS:	7
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU002 UTM-N: 904,988.6 UTM-E: 592,384.9 UTM-ELEV: 1,144.0 TOTAL DEPTH: 5C.2 SECTION: W 72
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	1.1	06242	1.1	.8	4D42	3.75	.08	4.74	8.16	79.00		1.23	1	17	18						
1.1	3.0	06243	1.9	1.9	4A14	4.62	.05	3.15	5.90	59.00		1.37	2	19	21						
3.0	3.9	06244	.9	.9	4D4	4.29	.02	5.09	8.48	83.00		.75	2	18	20						
3.9	6.1	06245	2.2	2.1	4A14	3.48	.03	4.89	9.75	99.00		.89	1	10	12						
6.1	7.4	06246	1.3	1.3	4A14	3.18	.02	1.72	5.90	42.00		.48	1	8	10						
7.4	8.6	06247	1.2	1.1	4A14	3.28	.02	2.40	6.43	45.00		2.19	6	5	12						
14.0	14.5	06248	.5	.5	4E4	4.48	.10	6.60	20.04	158.00		1.44	2	19	21						
WEIGHTED AVERAGE																					
.0	8.6		8.6	8.1		3.77	.03	3.68	7.51	69.77		1.14	2	13	15						
14.0	14.5		.5	.5		4.48	.10	6.60	20.04	158.00		1.44	2	19	21						

DDH: FAGU002 UTM-N: 904,988.6 UTM-E: 592,384.9 UTM-ELEV: 1,144.0 TOTAL DEPTH: SC.2 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	86.800	56.300

DDH: FAGU002 UTM-N: 904,988.6 UTM-E: 592,384.9 UTM-ELEV: 1,144.0 TOTAL DEPTH: 50.2 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.1	0001	4D42	(4E4) MINOR	0.5-	1
3.0	0002	4A14	(4D4)(4E0)MIN OR (5D4*[4LC])	0.5-	1
3.9	0003	4D4		0.5-	1
6.1	0004	4A14	2	0.5-	1
8.6	0005	4A14	(5B62)	0.5-	1
14.0	0006	4LC	&ß &3	0.5-	1
14.5	0007	4E4	(4J2)	0.5-	1
15.3	0008	4LC		0.5-	1
38.8	0009	5B42	6 (5B46)	0.5-	1
47.7	0010	5B6	BXA GOUGE	0.5-	1
50.3	0011	5B6		0.5-	1

DDH: FAGUC02 UTM-N: 904,968.6 UTM-E: 592,384.9 UTM-ELEV: 1,144.0 TOTAL DEPTH: 50.2 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	DHCC	SDC	PROCESS
FAGUCC2	0.0	C.5		68	0	0	0	0	230	C	1	0	C
FAGUC02	0.0	6.5		0	0	13	C	89	230	C	1	1	1
FAGUC02	0.C	12.3		0	C	0	0	8	23C	C	1	1	1
FAGUCC2	0.C	18.3		0	0	75	C	19	23C	C	1	1	1
FAGUC02	0.C	24.4		0	C	0	C	17	230	C	1	1	1
FAGUC02	0.0	3C.4		0	0	0	0	13	230	0	1	1	1
FAGUC02	0.C	36.3		0	C	C	C	12	230	C	1	1	1
FAGUC02	0.C	42.4		0	0	0	C	1	23C	C	1	1	1
FAGUC02	0.C	5C.C		0	C	0	C	49	230	C	1	1	1

DDH: FAGU002 UTM-N: 904,988.6 UTM-E: 592,384.9 UTM-ELEV: 1,144.0 TOTAL DEPTH: 50.2 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
FAGU002	0.0	6.5	1G			0	0	0	0	0	0	1
FAGU002	7.8	8.5	R			0	0	0	0	0	0	1
FAGU002	9.3	10.1	RGP	2		0	0	0	0	0	0	1
FAGU002	0.0	25.2	1G			0	0	0	0	0	0	1
FAGU002	0.0	27.2	1G			0	0	0	0	0	0	1
FAGU002	37.3	37.7	1G			0	0	0	0	0	0	1
FAGU002	47.3	47.7	XQG			0	0	0	0	42	270	1

DDH: FAGUOO2 UTM-N: 904,988.6 UTM-E: 592,384.9 UTM-ELEV: 1,144.0 TOTAL DEPTH: 50.2 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGUOO2	1	1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 7

DIAMOND DRILL CORE LOG

Date: 3 JUNE/81

Hole Number: 75-U-02 (FAGU-002)

Reference Fabric Orientation Diagram:

Project: GRUM

Location: SECTION 72 W.

Claim: _____

~~UTM~~ Terr.Plane Co-ords.: 6904988.6 N

(conversion of KA grid co-ords)

592 384.9 E

Grid Co-ords: _____

_____

All symmetry determinations looking

Elevation: 1144.0

_____ with _____ dipping

Total Depth: _____

_____ with dip azimuth _____.

Purpose: RE-LOG GRUM

Reason hole Terminated: _____

Logged by: GG

Date(s) Logged: 2-3 JUNE/81.

Drilling Contractor: _____

CORE Size	From	To

Collar Cased and Capped: _____

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 75-U002

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	75-U002	1141.X0	9049681.6	592384.9	METRICS

56.3 for True North

Code	Drillhole	Depth		Zenith Angle		True Azimuth		Comments
	2 8	10	14	22	26	28	32	34 56
R	75-U002	0	0	86.8		54.8		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.U.0.0.2 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 2 June/81 Logged By: GG

UNITS = METERS

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	00	11		001	4D42	+ (minor F/W 4E4);		11S₀	11S₂
L	11	30		002	4A14	+ (4D4) + (minor 4E0 @ F/W);		11S₀	
						+2.7 – 3.0 → 4L0 + <0.5%			
						FUCHSITE).			
L	30	39		3	4D4			11S₀	11S₂
L	39	61		4	4A1A	/2/		11S₀	11S₂
L	61	86		5	4A14	+ (5B62); MINOR 1cm GOUGE		11S₀	11S₂
						+ FOLD NOSE (?) @ 6.5m;			
						RUBBLE 7.8 – 8.5m;			
L	86	140		6	4L0	V. SERICITIC;	10 cm GOUGE		
						9.3 – 10.1 – RUBBLE & GOUGE			
						20 cm RECOVERY;			
						+ (4L* + (4L3*)) – 10% ANK			
						@ 11.2 – 11.7m.			
L	140	145		7	4E4	+ (4J2)		~11S₂	
L	145	153		8	4L0	V. SERICITIC	GRADES.		
L	153	388		9	5BA2	/6/ + (5BA6); V. SERICITIC	QZ VN		
						GOUGE @ 25.1 – 25.3m,			
						27.2 – 27.3m; 37.3 – 37.7m;			
						COMMON 2-10 cm QZ VNS			
						34.4 – 36.0 + (10Q) @ 38.4 – 38.8;			
L	388	477		10	5B6	47.3 – 47.7 MARKED BY	QZ VN		
						PRED. VN BRECCIA & GOUGE –			
						PROB SMALL FAULT			
L	477	503		11	5B6	FINE GRAINED	—		
						END OF HOLE @ 50.3m.			
						NOTE – NO DIP OR			
						AZIMUTH TESTS TAKEN			
						FOR THIS DDH.			

DDH F.A.G.U.0.0.2 (2 – 8)

UNITS = METERS

Cyprus Anvil Mining Corp.
Structural Log

Date: 3 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	
S		10.5			6.8		230	S-BANDS
		11.7			0.0			TIGHT FOLD AXIS?
								ALSO LOCAL VARIABLY
								ORIENTED TENSION
								GASHES (IN SULPHIDE!)
	13.2	14.6			0.0			ANOTHER FOLD AXIS?
								- OTHERWISE S-BANDS
								AS @ 0.5m.
	4.6	16.2					6.0	S-BANDS & C-STRUCTURES
S		16.5				13 0.0	8.9	- CONTINUES AT LOW
								ANGLE DOWNHOLE
								→ NOTE - DUE TO THE
								ANGLE OF THE HOLE
								THESE LOW ANGLE
								FOLIATIONS MAY BE
								LONG LIMB & THE
								HIGH ANGLE ONES IN
								FOLD NOSES;
S		11.23					0.8	9.2 m GOUGE CNT?
								FOLD NOSE @ 11.5?
		14.0						GOUGE CNTS? BOT.
								@ 14.3 TENSION GASHES
								IN 4E4 MAY BE ORIENTED
								90° TO FAULT MOVEMENT →
								TENSION GASHES @
								30/270 & 19/180 (2 SETS) WRT S_0-S-BAND @ 35° TO C.A.
								S_0 prob ∥ S_2 IN 4L;
								ALSO NOTE - TENSION
								GASHES IN SULPHIDE
								INDICATE BRITTLE MOVEMENT
								∴ PROB LATE STAGE;
S		18.3				7.5 0.0	19	NOTE - THERE COULD BE
S		24.4					17	FOLDS ANYWHERE THROUGH
S		30.4					13	HERE BUT THEY WOULD
S		36.3					1.2	BE V. DIFFICULT TO
S		42.4					0.0	IDENTIFY DUE TO LOW CORE ANGLES

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

NO CNTS ON GOUGES @ 25.1, 27.2 & 37.3m; GOUGE @ 37.3 may be a fold nose (curved S_2)

DDH F.A.G.U.0.0.2 (2 – 8)

UNITS = METERS

Cyprus Anvil Mining Corp.

Structural Log

Page 6 of 7

Date: _____ Logged By: GG

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip (28–32)	S_0 Direct.	S_1 Dip (34–38)	S_1 Direct.	S_2 Dip (40–44)	S_2 Direct	Description
S		50.0							47		GOUGE & QZ VN @
											47.2–47.7m – H/W CNT?
											F/W CNT @ 42/270° WRT S_2?
											END OF HOLE @ 50.3m

DDH EAGU002 Cyprus Anvil Mining Corp

Page 7 of 7

Logged by GG

ASSAY LOG (SAMPLER'S COPY)

Date 3 June/81 Sampled by LS.

	CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	1	10 14	16 20	22 26	28 30	32 34	36 40	42
	A	00	11	6242	11	08	4D42	+(4E4)
UNITS =	A	11	30	6243	19	20	4A14	+(4D4)+(4L0)
METRES	A	30	39	6244	09	09	4D4	
	A	39	61	6245	21	21	4A14	/2/
	A	61	74	6246	13	13	4A14	+(5B62)
	A	74	86	6247	11	11		
SPLIT	A	140	145	6248	05	05	4E4	+(4J2) / NOT PREVIOUSLY SAMPLED BY K.A.

Meters

FAULT

DDH FAG4002 (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		165	/IG					1cm gouge
F	178	185	R					rubble
F	193	1101	RIGP	2				0.2m/0.8m recovery
								rubble & gouge
F		2522	/IG					gouge 25.1-25.3
F		2722	/IG					gouge 27.2-27.3
F	3733	3777	/IG					gouge
	4173	4177	XIQG				4122710	qtz vein bxa & gouge

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

DDH EAGU002

Cyprus Anvil Mining Corp.

Page 4 of 7

GEOTECH ~~Lithologic~~ Log

Date: 3 JUNE/81 Logged By: GG

UNITS = METRICS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						* NOTE - HOLE DRILLED UPWARD FROM MINE DRIFT
	0 0					FOOTWALL - COLORED IN ORE.
		145				HANGINGWALL → (SB642 + (4L0)
						ORE | COMPETENT. | 0m 3m

Typed LMP

DIAMOND DRILL RECORD

LOGGED BY A M DE QUADROS

PROPERTY GRUM JOINT VENTURE — UNDERGROUND

D.D.H. No. 75-U2 PAGE 1

LATITUDE ~~10773.728N~~ ✓ BEARING OF HOLE 056° 20' 02"E ✓ STARTED 4 DEC 1975

CLAIM No.

DEPARTURE ~~7691.536E~~ ✓ DIP OF HOLE +3° ✓ COMPLETED 5 DEC 1975

ELEVATION ~~1134.656m~~ 1154.66 ✓ DIP TESTS none

LENGHT ~~DEPTH~~ Proposed: Ultimate: 50.3m

H.D. = 50.2

V.D = +2.63 (1157.29 EL.)

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

~~FOOTAGE~~ m FROM	TO	DESCRIPTION	Rec. ~~Ft.~~ m	Sample No.	~~Footage~~ m From	To	Sample Length	Assay Pb	Zn	Ag	Au	Cu	Assay x ~~Feet~~ m Pb	Zn	Ag	
0	8.4	QUARTZ-SULPHIDES ± GRAPHITE ± SERICITE. Banded, poorly foliated non-inhomogeneous; generally competent, hard and brittle due to silicification; with thin (0.1-0.15 m) bands of nearly massive sulphides. With baryte? Generally graphite content increases with depth. Details:														
		0-1.2: Py 30; Pb2n 6-8; foliation (F_2?) 30-40°	1.1	U1115	0	1.2	1.2	4.73	7.63	1.85	✓		5.676	9.150	2.22	
		-2.5: Py 20; Pb2n 8-10; foliation 50°.	1.1	U1116		2.5	1.3	4.20	6.64	1.65	✓		5.46	8.632	2.145	
		1.2-1.6: very broken, heavy core loss														
		-3.4: Py 15; Pb2n 2-3 overall; foliation 45°.	0.9	U1117		3.4	0.9	4.50	5.70	1.65	✓		4.05	5.13	1.485	
		2.7-3.0: quartz sericite ± chlorite phyllite; bleached, barren and very broken														
		-4.4: Py 10; Pb2n 10; moderate foliation 30°	1.0	U1118		4.4	1.0	3.30	7.81	1.41	✓		3.3	7.81	1.41	
		-6.2: Py 10; Pb2n 8-14; foliation variable 10°-50°	1.7	U1119		6.2	1.8	5.18	9.77	2.47	✓		9.324	17.586	4.446	
		-8.4: Py 10; Pb2n 4-6; graphitic; folliation 30°.	2.0	U1120		8.4	2.2	3.00	6.98	1.47	✓		6.6	15.356	3.234	
		6.4-6.7: very broken; F_1 10°		WT. AV.	0	8.4	8.4	4.1	7.58	1.78	(61 gm/mt.)		34.410	63.670	14.94	plot
		7.8-8.4: very broken, fragmental		WT. AV.	2.5	6.2	3.7	4.50	8.25	1.98	(68.1)		16.674	30.526	7.341	plot

kind of fragments 1 gm

LOGGED BY

D.D.H. No 75-42 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
8.4	14.4	MIXED PHYLLITES ; ALTERED	~~49/60~~		8.4	14.4	~~60~~								
		S 8.4-9.2: quartz sericite phyllite, partly bleached. Moderately well foliated; foliation 0-20°; with vertical fractures.			c										
		-9.4: very broken; almost powdery													
		-11.1: quartz-sericite phyllite; foliation 30°													
		C -11.7: quartz-chlorite phyllite; contact with above at 45°; foliation (F_1?) 70-80°; then foliation is folded with ? axe folds with axes at right angles to core axes.													
		Sb -13.8: bleached quartz-sericite ± kaolin phyllite foliation 10-~~30~~ 20°, probably F_2													
		-14.4: as above, but very broken and altered.													
14.4	14.8	MASSIVE PYRITE													
		partly silicified; 70-80% Py, 1-2% Pbzn with quartz and baryte. Competent and hard.	0.4/0.4		14.4	14.8	~~0.4~~								
		Foliation ap F_1? 45°. Banding?													

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
14.8	50.3	QUARTZ-SERICITE-PHYLLITE LT GREY Well foliated, fissile phyllite, partly silicified. Competency variable. Details below:													
		14.8-23.4: Very competent, partly silicified.	~~4.8~~ ~~5.6/5.8~~		~~14.8~~	~~15.2~~ 23.4									
		Foliation 0-30°; generally 25-30°;	0.4/0.4		14.8	15.2									
		this foliation is parallel to fissility and is probably F_2. Minor F_1 foliation	0.8/1.6			16.8									
		appears between F_2's; these are generally	6.5/6.6			23.4									
		at right angles to core axis.													
		-27.6: quartz-sericite phyllite, broken but	3.9/4.2			27.6									
		otherwise similar to above.													
		Very broken (almost gouge zones at													
		25.8-25.9; and 27.0-~~27.5~~ 27.6. Foliation													
		F_2 0-30°; minor rippling of foliation													
		suggesting some folding													
		-30.1: quartz sericite phyllite; competent.													
		F_2 20-30°													
		-30.2: Very broken zone	2.6/2.6			30.2									
		-34.5: as above, but competent. F_2 20-30°;													
		suggestion of F_1 at right angles to													
		core axis.													
		-34.9: ~~Top~~ to 40% white quartz, broken	4.6/4.7			~~34.9~~									

LOGGED BY

D.D.H. Nº 75-42 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
		34.9-38.1: moderately broken; F_2 30°; very fissile and very thinly foliated. Minor gouge 20cm 37.3-37.4	3.0/3.2		34.9	38.1									
		-38.5: competent, unbroken; F_2 20-30°	0.4/0.4			38.5									
		-38.8: white quartz ± minor pyrite; very broken, probably	0.3/0.3			38.8									
		-41.5: competent unbroken but brittle due to silicification; well foliated. F_2 30°; F_1 at right angles to core axis; slightly bleached.	2.7/2.7			41.5									
		-43.5: well foliated with quartz lenses; foliation tends to be folded around axes at right angles to core; Minor Py. ? generally 25-30° very open fold noses, especially at 42.2-42.4. Unbroken	2.0/2.0			43.5									
		-47.0: as above, but quartz lenses absent. F_2 30° to c.a; F_1 well preserved, generally at right angles to the core axes. Very competent except broken zone at 45.5-45.7.	3.4/3.5			47.0									
		-50.3: as above but rather more broken especially between 47.0-48.5. this	3.1/3.3			50.3									

OGGED BY _____ D.D.H. Nº 75-112 PAGE 5

Interval		DESCRIPTION	Recovery	Sample	Interval		Sample	Assay					Assay x		
om	To			Nº	From	To	Length	Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
		broken zone contains numerous quartz lenses.													
	503	END OF HOLE													
		Notes: good drilling not dip and bearing tests.													

DDH: FAGU002 -- 42 DEGREE PROFILE

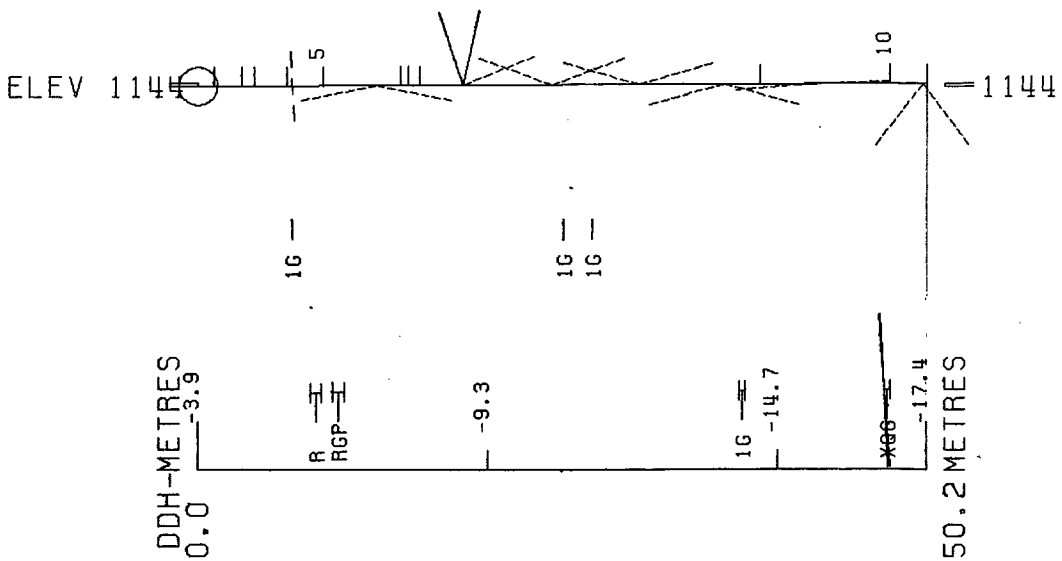
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1144 592385E ; 904989N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 550.2 Z = 1143.2

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 17 OCT 1984 11:01 AM

DDH: FAGU002 -- 42 DEGREE PROFILE

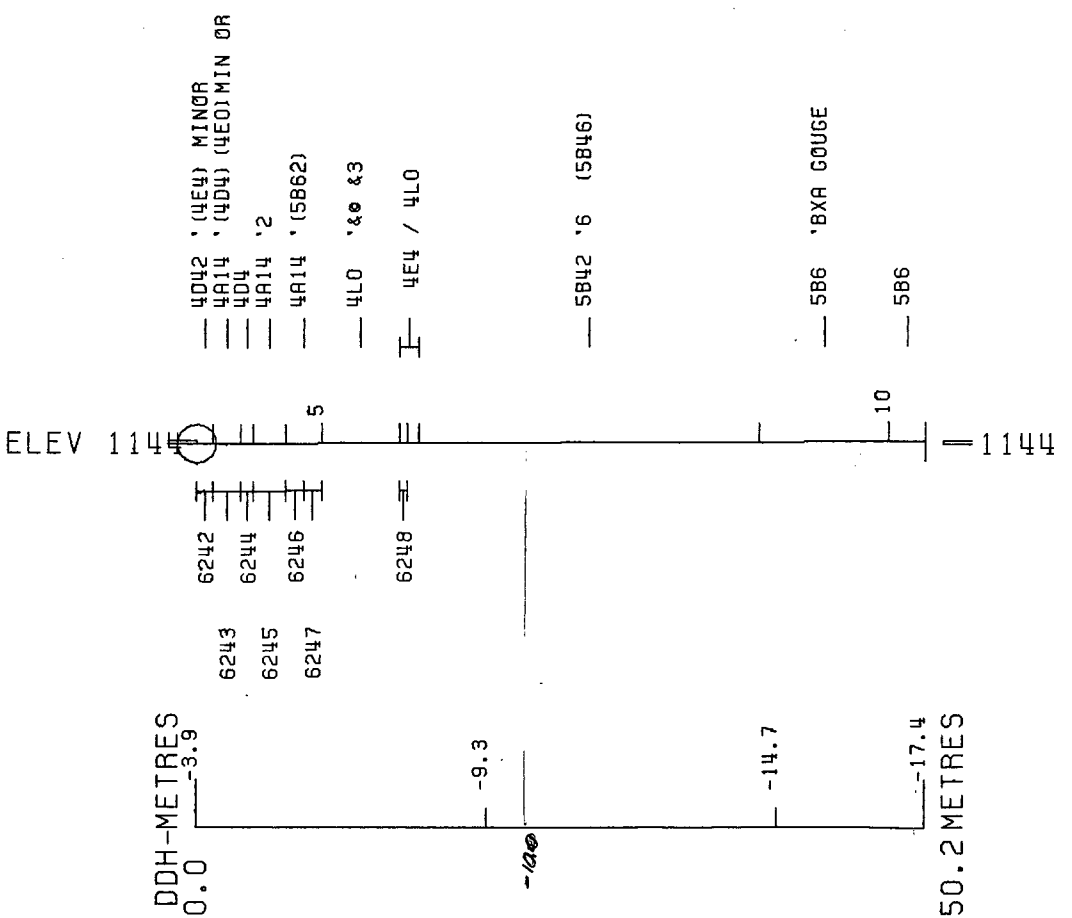
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1144 592385E ; 904989N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 550.2 Z = 1143.2

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 17 OCT 1984 11:02 AM

FAGU003

DRILL HOLE : FAGU003
NORTHING : 904,924.3
EASTING : 592,323.8
ELEVATION : 1,144.7
TOTAL DEPTH : 82.2
SECTION : W 72
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: 37
NOS DOWN-H-STRUCTURE: 19
NOS DOWN-H-FAULTS: 7
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU003 UTM-N: 904,924.3 UTM-E: 592,323.8 UTM-ELEV: 1,144.7 TOTAL DEPTH: 82.2 SECTION: W 72
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	1.0	02451	1.0	.5	4A1	3.05	.06	1.36	2.13	18.00		.69		4	5						
1.0	3.0	02452	2.0	1.9	4A14	3.11	.04	3.39	6.01	46.00		.75	1	1	2						
3.0	5.0	02453	2.0	2.0	4A14	3.55	.06	4.03	5.83	46.00		.89	1	2	3						
5.0	6.8	02454	1.8	1.7	4A4	3.10	.05	4.65	6.20	61.00		.48	1	1	2						
6.8	7.8	02455	1.0	1.0	4AD	3.42	.14	4.40	5.92	73.00		1.23	1	15	17						
7.8	8.8	02456	1.0	1.0	4A14	3.79	.06	3.80	8.87	69.00		1.30	1	4	6						
8.8	10.4	02457	1.6	1.3	4C0	4.47	.16	1.62	1.27	44.00		1.71		24	25						
10.4	11.9	02458	1.5	1.5	4C0	4.52	.19	1.27	1.63	35.00		2.06		27	28						
11.9	14.3	02459	2.4	2.4	4CA	3.75	.16	1.34	1.96	31.00		1.59		21	21						
14.3	16.1	02460	1.8	1.8	4E4	4.33	.10	9.35	17.70	167.00	143.00	1.37	1	21	22						
42.7	43.7	02461	1.0	1.0	4G42	3.49	.07	9.72	8.62	153.00		.75	2	11	14						
43.7	45.6	02462	1.9	1.9	4E34	4.96	.19	6.13	4.81	99.00		1.51	4	30	34						
45.6	46.7	02463	1.1	1.1	4E42	4.54	.31	5.92	4.66	92.00		1.58	2	30	33						
46.7	48.8	02464	2.1	2.1	4G4	4.59	.08	10.70	7.22	142.00		.89	3	18	22						
48.8	49.7	02465	.9	.7	4C@8	5.00	.13	2.54	2.31	40.00		.75	3	15	18						
49.7	51.1	02466	1.4	1.4	4L2	3.45	.10	1.11	1.08	11.00		.41	5	7	12						
51.1	52.8	02467	1.7	1.7	4C8	4.46	.25	1.93	1.85	26.00		.82	10	16	26						
64.0	65.4	90144	1.4	1.2	4LD			1.00	1.30		15.09										
65.4	66.7	90145	1.3	1.3	4LD			7.04	5.65		88.80										
72.2	73.9	02470	1.7	1.7	4CG	3.96	.26	4.87	3.57	76.00	68.00	.75	8	18	26						
WEIGHTED AVERAGE																					
.0	16.1		16.1	15.1		3.71	.10	3.55	5.76	59.11	15.98	1.20	1	12	13						
42.7	52.8		10.1	9.9		4.40	.16	5.69	4.43	82.78		.97	4	19	24						
64.0	66.7		2.7	2.5				3.90	3.39		50.58										
72.2	73.9		1.7	1.7		3.96	.26	4.87	3.57	76.00	68.00	.75	8	18	26						

DDH: FAGU003 UTM-N: 904,924.3 UTM-E: 592,323.8 UTM-ELEV: 1,144.7 TOTAL DEPTH: 82.2 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	53.000	225.100

DDH: FAGU003 UTM-N: 904,924.3 UTM-E: 592,323.8 UTM-ELEV: 1,144.7 TOTAL DEPTH: 82.2 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC		RECOVERY	IND
1.0	0001	4A1			0.5-	1
6.8	0002	4A14	(4A0)		0.5-	1
7.8	0003	4A34	(4D3)		0.5-	1
8.8	0004	4A14	(4D0)		0.5-	1
11.9	0005	4CC	(4E0)		0.5-	1
14.3	0006	4A0	(4C0)		0.5-	1
16.1	0007	4E4	(4J2) (4D4)		0.5-	1
17.9	0008	5A6			0.5-	1
19.1	0009	4LC			0.5-	1
20.6	0010	5B46			0.5-	1
21.6	0011	5DC	(5B0)		0.5-	1
29.8	0012	5B80	(5D0)		0.5-	1
33.5	0013	5DC			0.5-	1
35.6	0014	5B80			0.5-	1
39.0	0015	5DC			0.5-	1
41.7	0016	5B80			0.5-	1
42.7	0017	4L4			0.5-	1
43.7	0018	4G42			0.5-	1
45.6	0019	4E64			0.5-	1
46.7	0020	4E42	88 (4E0)		0.5-	1
48.8	0021	4G4	(4E42)		0.5-	1
49.7	0022	4C68	(4L2)		0.5-	1
51.1	0023	4L2	(4D0)		0.5-	1
52.8	0024	4C8	(4L68) [4E618]		0.5-	1
53.5	0025	4L0			0.5-	1
60.9	0026	5B*	(5B80)		0.5-	1
63.0	0027	5B6			0.5-	1
64.0	0028	4L3			0.5-	1
66.8	0029	4D4	(4L0)	NO CORE	0.5-	1
67.5	0030	4L3			0.5-	1
69.9	0031	4L4			0.5-	1
70.6	0032	4C68	(4L0)		0.5-	1
72.2	0033	4L3			0.5-	1
73.9	0034	4C8	(4G4) 82:18		0.5-	1
76.2	0035	5D46			0.5-	1
79.9	0036	5B82	6 (5A80) (5B80)		0.5-	1
82.3	0037	5B80			0.5-	1

DDH: FAGU003 UTM-N: 904,924.3 UTM-E: 592,323.8 UTM-ELEV: 1,144.7 TOTAL DEPTH: 82.2 SECTION: W 72
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	PROCESS
FAGU003	0.0	0.6	CS2		0	0	0	0	38	230	0	1	1	1
FAGU003	0.0	4.7	CS2		0	0	0	0	10	230	0	1	1	1
FAGU003	0.0	10.6	CS2		0	0	0	0	65	230	0	1	1	1
FAGU003	0.0	16.1	SO		77	0	0	0	0	230	0	1	0	0
FAGU003	0.0	17.0	CS2		0	0	0	0	55	230	0	1	1	1
FAGU003	0.0	21.6	SO		70	0	0	0	0	230	0	1	0	0
FAGU003	0.0	23.0	CS2		0	0	0	0	71	230	0	1	1	1
FAGU003	0.0	30.0	CS2		0	0	0	0	59	230	0	1	1	1
FAGU003	0.0	36.0	CS2		0	0	0	0	47	230	0	1	1	1
FAGU003	0.0	41.5	CS2		0	0	0	0	65	230	0	1	1	1
FAGU003	0.0	47.2	CS2		0	0	0	0	49	230	0	1	1	1
FAGU003	0.0	53.2	CS2		0	0	0	0	56	230	0	1	1	1
FAGU003	0.0	59.0	SO		75	0	0	0	0	230	0	1	0	0
FAGU003	0.0	59.4	CS2		0	0	0	0	65	230	0	1	1	1
FAGU003	0.0	64.0	CS2		0	0	0	0	62	230	0	1	1	1
FAGU003	0.0	71.6	CS2		0	0	1	0	62	230	0	1	1	1
FAGU003	0.0	72.2	SO		72	0	0	0	0	230	0	1	0	0
FAGU003	0.0	78.4	CS2		0	0	0	0	74	230	0	1	1	1
FAGU003	0.0	82.2	CS2		0	0	0	0	55	230	0	1	1	1

DDH: FAGU003 UTM-N: 904,924.3 UTM-E: 592,323.8 UTM-ELEV: 1,144.7 TOTAL DEPTH: 82.2 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
FAGU003	16.1	17.9	QX		77	0	C	C	0	0	1
FAGU003	17.8	17.9	1G		90	0	0	C	70	0	1
FAGU003	0.C	29.8	1G		0	0	C	C	55	0	1
FAGUC03	60.9	63.0	2QB		0	0	C	C	0	0	1
FAGUC03	64.C	66.8	NNN		0	0	0	C	0	0	1
FAGUC03	66.8	69.9	Q		0	0	0	C	0	0	1
FAGUC03	69.4	69.9	Q		90	0	C	0	66	0	1

DDH: FAGU003 UTM-N: 904,924.3 UTM-E: 592,323.8 UTM-ELEV: 1,144.7 TOTAL DEPTH: 82.2 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU003	1	1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 7

DIAMOND DRILL CORE LOG

Date: 14 MAY 81

Hole Number: 75-U-03 (FAGU003)

Reference Fabric Orientation Diagram:

Project: GRUM.

Location: SECT 72 W.

Claim: _____

~~Terr.~~Plane Co-ords.: 6904924.3 N

UTM conversion of K-A survey grid co-ords

592323.8 E

Grid Co-ords: _____

_____

All symmetry determinations looking

Elevation: 1144.7m

_____ with _____ dipping

Total Depth: _____

_____ with dip azimuth _____.

Purpose: RE-LOG GRUM.

Reason hole Terminated: _____

Logged by: D.S.J. J.G.S GG/RT Date(s) Logged: 14 MAY 81

Drilling Contractor: _____

CORE Size	From	To
_____	_____	_____
_____	_____	_____
_____	_____	_____

Collar Cased and Capped: _____

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 75-U003

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	75-U003	1144.7	9049243.3	592323.8	METRES

225.1 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-U003	00	53.0	223.5	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.4.0.0.3 (2–8) METRES

Cyprus Anvil Mining Corp.

Lithologic Log

Page 3 of 7

Date: _____ Logged By: GG/RT/DJ/JGS

CHECKED PN

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	00	10		001	4A1	-minor sphalerite/galena.
L	10	68		2	4A14	+(4A0);
L	68	78		3	4A~~C~~D	PYRITE >60
L	78	88		4	4A14	+(4D0)
L	88	119		5	4C0	+(4E0)
L	119	143		6	4AC	
L	143	161		7	4E4	+(4J2) +(4D4) - VERY HIGH SPHALERITE
L	161	179		8	5A6	INTENSE QZ-CB VEINING; HANGING
						WALL CONTACT BRECCIATED BUT AT
						APPROX 77° TO C.A.; FOOTWALL
						CONTACT; FOOTWALL CONTACT
						MARKED BY 2cm GOUGE;
L	179	191		9	4L0	BLEACHED WITH 5A6 INCLUSIONS
L	191	206		10	5B46	SLIGHT 4L0 OVERPRINT
L	206	216		11	5D3	+(5B0)
L	216	298		12	5B83	+(5D3) - 2cm GOUGE AT
						FOOTWALL CONTACT;
L	298	335		13	5D3	V. SERECITIC
L	335	356		14	5B83	
L	356	390		15	5D3	
L	390	417		16	5B83	INCREASING 4L OVERPRINT TOWARD
						FOOTWALL;
L	417	427		17	4L4	~5% SPHAL+GN;
L	427	437		18	4G42	
L	437	456		19	4E*4	SOME ANKERITIC NODS;
L	456	467		20	4E42	{4E428} +(4E0);
L	467	488		21	4G4	+4E42
L	488	497		22	4C*8	ANKERITIC; +(4L2)
L	497	511		23	4L2	+(4D0)
L	511	528		24	4CL6	/8/
L	528	535		25	4L0	
L	535	609		26	5B*	+(5B83)
L	609	630		27	5B6	V. SERECITIC; COMMON QZ-CB VEINS
						SOME 0.2m; COMMON BROKEN CORE - FAULT?
L	630	640		28	4L3	V. SERECITIC
						64.0-66.8 - NO CORE IN BOX;

DDH F.A.G.U.0.0.3 (2–8)

UNITS = METERS

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 15/5/81 Logged By: RT/GG/DJ/GS

INTERPRETED FROM KERR ADDISON LOGS.

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	640	668		29	4D4	+(4L0)
L	668	675		30	4L3	INTENSE QZ-CB VEINING;
L	675	699		31	4L4	~1% SPHAL + GN; INTENSE & THICK
						(≤0.5m) BULL QZ-CB VNS - NO INCLUSIONS;
L	699	706		32	4C68	+(4L0)
L	706	722		33	4L3	ALSO V. SERECITIC
L	722	739		34	4C8	+(4G4); 4G4 AT 73.1-73.4m;
L	739	762		35	5D46	
L	762	799		36	5B82	5B826+(5A823)+(5B83);
L	799	823		37	5B83	4% QZ-CB VEINING;
						END OF HOLE @ 82.3m.

RESAMPLING 81

DDH EAG4003 Cyprus Anvil Mining Corp

Logged by DSJ JGS GAG

ASSAY LOG (SAMPLER'S COPY) Date 14 MAY/81 Sampled by

UNITS = METERS

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
A	10.0	10.5	24511	1.0	0.5	4A1	
A	10.5	13.0	24512	2.0	1.9	4A1	/4 +(4A0)
A	13.0	15.0	24513	2.0	2.0	4A1	/4 +(4A0)
A	15.0	16.8	24514	1.8	1.7	4A1	/1 +(4A0)
A	16.8	17.8	24515	1.0	1.0	4A1	/8
A	17.8	18.8	24516	1.0	1.0	4A1	/1
A	18.8	110.4	24517	1.6	1.3	4C1	+(4E0)
A	110.4	111.9	24518	1.5	1.5	4C1	+(4E0)
A	111.9	114.3	24519	2.4	2.4	4C1	A
A	114.3	116.1	24610	1.8	1.8	4E1	+(4J0)
A	142.7	143.7	24611	1.0	1.0	4G1	4G42
A	143.7	145.6	24612	1.9	1.9	4E1	4E4*
A	145.6	146.7	24613	1.1	1.1	4E1	4E428
A	146.7	148.8	24614	2.1	2.1	4G1	+(4E42)
A	148.8	149.7	24615	0.9	0.7	4C1*	/8/
A	149.7	151.1	24616	1.4	1.4	4L1	+(4D0)
A	151.1	152.8	24617	1.7	1.7	4C1	/8/
A	161.4	161.5	24618	1.4		4L1	/7 4LD → 4LO 4LD
A	161.5	161.8	24619	1.4		4E1	
A	171.2	173.9	24710	1.7	1.7	4C1	/8 4CG

No CORE FOR REASSY. USE K.A. ASSAYS

END OF HOLE @ 82.3m

Metres!

FAULT

DDH FAGU003 (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	1161	1179	QX		770100			intense qtz-carb. veining
								upper cnt. 77° C.A. -broken
								lower cnt. 2 cm gouge
F		1219	8/IG				550100	2 cm gouge
F	1178	1179	1/IG		910 0100		710 0100	fault w/ measurements
F	1609	1630	2QB					common qtz-carb veining
								common broken core
F	1614	1618	NMM					KA sample — no core
F	1618	1699	Q					intense qtz-carb. veining
F	1694	1699	Q		910 0100		610 000	qtz veining w/ measurements
								no gouge
F								

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

METRIC REDONE

DDH EAGU003 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 1 of ____

Date: 14/5/81 Logged By: DSJ. JGS.

Code (1)	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
L	00	10	10	01	4A1	Sil 4A
L	10	30	20	02	4A1	→ 4A1/4 }
L	30	50	20	03	4A1	→ 4A1/4 } VERY SIL.
L	50	70	20	04	4A4	→ 4A4/1 }
L	70	78	08	05	4AC	
L	78	89	11	06	4A4	→ 4A4/1
L	89	119	30	07	4CE/5	PYR BAND in 4A. MOD GRAPH FOLIA.
L	119	143	24	08	4AC	
L	143	160	17	09	4E4	LOCAL 4J INTERBANDS
L	160	178		10	5A6	
L	178	192		11	4L0	→ 4L5 S2 FOLIO ANK CARB THRU-OUT
L	192	298		12	5B0	→ 5B8 MINOR .2 to .3 m interbands 5D3
L	298	335		13	5D3	→ 5F3
L	335	355		14	5B0	→ 5B8 as UNIT 12
L	355	391		15	5D3	→ 5F3
L	391	418		16	5B6	— FE Mg CARB
L	418	427		17	4L4	MINOR 4L7.
L	427	436	09	18	4G4	KERR ASSAY BRKS OK. NB
L	436	477	41	19	4E4	42.7 - 43.5 / 43.5 - 45.5 / 45.5 - 47.5
L	477	489	12	20	4G4	47.5 - 49.0 / 49.0 - 51.8 / 51.8 - 52.8
L	489	518	29	21	4L4	→ 4L4/1/8
L	518	528	10	22	4E8	→ 4E8/6
L	528	535		23	4L0	
L	535	630		24	5B6	→ 5B6/3 PATCHY WEAK CALC 5B/3G
L	630	640		25	4L0	
L	640	654		26	4L4/7	CORE MISSING 64.0 - 66.7
L	654	667		27	4E4	→ 4L0 FROM K.A. DESC.
L	667	674		28	4L0	OQO SWEATS
L	674	680		29	4L4	→ 4L4/1
L	680	698		30	4L0	OQO PODS
L	698	710		31	4L8	BANDS 4L2
L	710	722		32	4L0	
L	722	741	19	33	4E8	KA ASS 72.4 - 74.1
L	741	761		34	4L6	
L	761	823		35	5B2	→ 5B2/3 CALC.

REDONE

Calc. alt. ft.
Tybrd Lmp

DIAMOND DRILL RECORD

LOGGED BY A.M. de QUADROS

PROPERTY GRUM JOINT VENTURE – UNDERGROUND

LATITUDE 10717.123 (Mine Coords) LINE/GRID (3N)

DEPARTURE 7628.660 (~~5~~ 72W) (X-CUT)

ELEVATION 1155.324

BEARING OF HOLE S 45° 03' 23" W. Azim 225° 03' 23"

DIP OF HOLE +38° +35°

DIP TESTS NONE

STARTED 6 DEC 1975

COMPLETED 10 DEC 1975

LENGHT Proposed: ~~DEPTH~~ Ultimate: 82.3m.

VD = 67.42'
VD = 47.31

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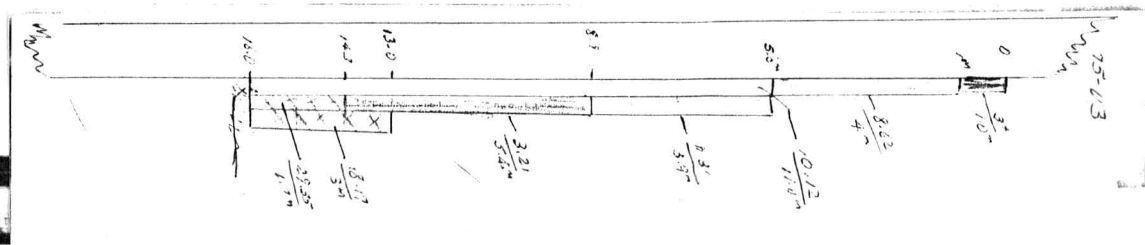
CLAIM No.

N ↑ ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

~~FOOTAGE~~ m FROM	TO	DESCRIPTION	Rec. ~~Ft.~~ m	Sample No.	~~Footage~~ m From	To	Sample Length	Assay Pb	Zn	Ag	Au	Cu	As. y x ~~Feet~~ m Pb	Zn	Ag
0	14.3	QUARTZ-SULPHIDE ±GRAPHITE ROCK													
		Competent, hard, silicified, often somewhat cherty appearance. Well banded and foliated, but poorly fissile. Two moderately well developed foliations seen. Minor white quartz lenses.													
		Details:													
		0-1.0: broken; heavy core loss; f_2 45°; f_1 subparallel to core axis. Py 20; Pb2n46.	0.4	U1121	0	1.0	1.0	1.88	2.10	0.68	✓		1.88	2.10	0.68
		-3.0: competent; f_1 well developed, generally 0-20° but transposed by kinking f_2. f_2 generally 45°, often outlined by sphalerite rich bands. Py 15; Pb2n 4-6	2.0	U1122		3.0	2.0	3.30	5.25	1.15	✓		6.6	10.5	2.3
		-5.0: as above, becoming more pyritic	2.0	U1123		5.0	2.0	3.68	5.00	1.06	✓		7.36	10.0	2.12
		-7.0: as above, becoming more pyritic from 6.8-7.0 where foliation (f_1) becomes 50-60° to C.A.	2.0	U1124		7.0	2.0	5.15	6.35	1.82	✓		10.30	12.70	3.64
		-7.8: alternating bands of massive pyrite and phyllite; only visible foliation 30° to c.a. Up to 50% white quartz from 7.5-7.8. Minor chalcopyrite. Py 30; Pb2n 2	0.8	U1125		7.8	0.8	3.98	4.00	1.59	✓		3.189	3.20	1.272
				WI Au	1.0	5.0	4.0	3.49	5.125	1.105	(37.8)		13.96	20.50	4.42
				WI Au	0	5.0	5.0	3.17	4.52	1.02	(35)		15.84	22.60	5.10

To	DESCRIPTION	Recovery	Sample №	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
	7.8-8.9: Quartz-sericite sulphite graphite F_2 foliation 70-80°; F_1 subparallel to core axis. Minor quartz lens at 8.0-8.15 with minor chalcopyrite. Py 20; PbZn 8-10	1.1	U1126	~~7.8~~	8.9	1.1	4.43	8.95	2.12	✓		4.873	9.845	2.332
	-11.9: quartz-sulphide c̄ minor graphite and barytes? Foliation (F_2) 80-90° to c.a. F_1 poorly developed, possibly 40° to c.a. Py 40-50; PbZn less than 2-3	2.9	U1127		11.9	3.0	1.65	1.30	1.03	✓		4.95	3.90	3.09
	-14.3: as above; dominant foliation (F_2?) 90° to c.a.	2.3 ~~1.9~~	U1128		14.3 ~~12.8~~	2.4 ~~1.9~~	1.50	2.05	0.83	✓		3.60	4.92	1.992
				(13.0 ~	14.3)	(1.3)	~~[illegible]~~					1.95	2.665	1.079
16.0	MASSIVE SULPHIDE													
	Massive, competent poorly banded; minor quartz.													
	14.3-15.4: Py 60; PbZn 15-18; F_1? 80°	1.7	U1129	14.3	16.0	1.7 ~~2.7~~	10.08	19.27	4.62	✓		17.136	32.759	7.854
	-16.0: Py 70; PbZn 10-11; F_1? 80°.		WT.AV.	5.0	16.0	11.0	4.00	6.12	1.83	(62.9 gm/mt)		44.043	67.324	20.18
	Upper contact gradational; but lower contact abrupt at 75°.		WT.AV.	5.0	8.9	3.9	4.71	6.60	1.86	(63.7)		18.357	25.745	7.244
			WT.AV.	8.9	14.3	5.4	1.58	1.63	0.941	(32.3)		8.55	8.82	5.082
				~~11.9~~	~~16.0~~	4.1	5.05	9.19	2.4012	(82.3)				
			WT.AV.	13.0	16.0	3.0	6.36	11.81	2.98	(102.1)		19.086	35.424	8.933
17.9	SHEARED QUARTZ-GRAPHITE PHYLLITE DK GREY	1.3/1.3	—	16.0	17.3	~~1.3~~								
	Dark grey banded, incompetent and fissile with numerous quartz streaks + lenses; F_2 60-70°. Very broken; minor Py													



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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
17.9	19.2	BUFF BLEACHED QUARTZ SERICITE PHYLLITE Silicified, competent, 'cherty' with minor chloritic bands; numerous fractures now silicified. Contact ± above 0.1m gouge; contact below gradational. F_2? 40°	1.3/1.3		17.9	19.2									
19.2	20.5	GREY QUARTZ-SERICITE ± CALCITE PHYLLITE Competent well foliated and banded; with minor chloritic lenses. Tends to be fissile. F_2 40°; F_1 seen as subvertical boxing. Becomes calcareous downwards.	1.3/1.3	XXX2	19.2	20.5									
20.5	40.1	GREENISH GREY QUARTZ-CALCITE-CHLORITE ± SERICITE PHYLLITE Competent, well banded, thinly foliated; fissile. Quartz and calcite content about the same. Minor sericite lenses. F_1 preserved as thin laminations subparallel to core axis, and transposed by the dominant F_2. 20.5-20.8: chloritic, F_2 65°. -21.3: sericite, F_2 65° -32.0: chloritic; ± minor calcified fractures 90° to F_2; F_2 60°. Minor sericite. ? sericite zone hard to be broken.	11.3/11.5		20.5	32.0									

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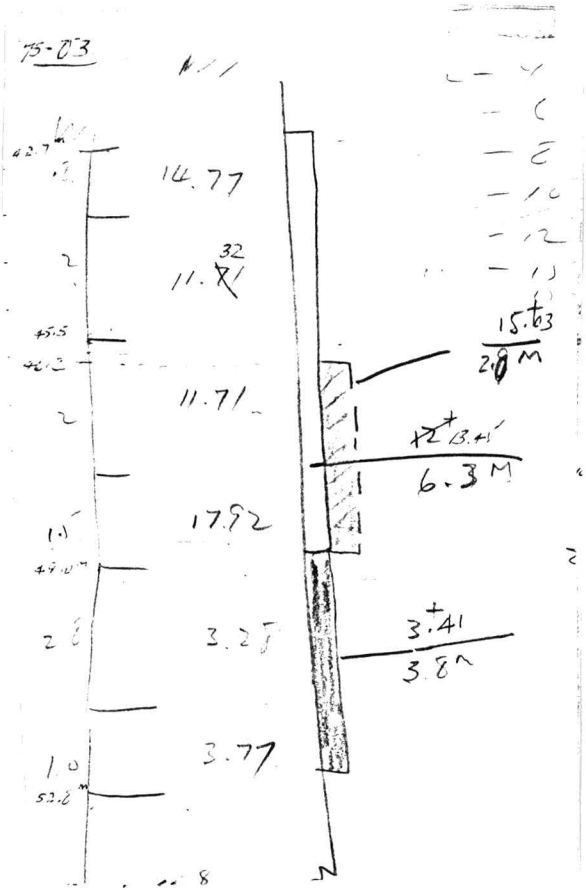
erval	To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		32.0-32.3 : chloritic, F_2 45°	8.0/8.1		32.0	40.1									
		-~~40.1~~ 39.1 : chloritic; F_2 65-70°.													
		-40.1 : sericitic; sericite increasing with lenght. F_2 65°													
40.1	42.7	BLEACHED QUARTZ SERICITE-CHLORITE PHYLLITE LT. GREENISH GREY	25/26	—	40.1	42.7	—								
		Very competent, silicified, but fissile; F_2 45-50°.													
		40.1-40.4: very sericitic													
		-41.7 : chloritic; F_2 45°; trace Py, Po?													
		-42.7 : chloritic, c̄ pyrite (~~2~~5%); poorly folliated; F_2 65°.													
		42.6-42.7: very quartzy - breccia? with chalcopyrite.													
42.7	53.5 ~~52.8~~	MIXED QUARTZ-SULPHIDES AND MASSIVE SULPHIDES.													
		Generally competent; silicified, moderately folliated; Trace Chalcopyrite													
		42.7-43.5: hard quartz sulphide; Py 30-40. PbZn 5-6 F_2 45°. Minor Barytes? ~~Trace Chalcopyrite~~	0.8	U1130	42.7	43.5	0.8	7.95	6.82	3.00 ✓			6.36	5.456	2.40
		-45.5 : massive sulphide c̄ minor quartz. F_2 45° competent, except broken 45.3-45.5. Py 60-70; PbZn 12-13. Trace Po and Magnetite.	1.9	U1131		45.5	2.0	6.32 ~~5.00~~	5.00 ~~6.71~~	2.76 ~~2.65~~ ✓			12.64	10.00	5.5

		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	
		45.5-47.5: as above; Py 10; Pb2u 10-11	2.0	U1132	45.5	47.5	2.0	6.71	5.00	2.65	✓		13.42	10.0	5.30	
		-49.0: mixed quartz sulphides ± bands of massive sulphide; F_2 45°; competent. Py 40; Pb2u 6-7		WT Av	42.7	~~49.0~~ 44.5	~~6.3~~ 4.8									
					(46.2	~ 47.5)	(1.3)						8.723	6.50	3.445	
			1.5	U1133		49.0	1.5	11.40	6.52	3.72	✓		17.1	9.78	5.58	
				WT Av	42.7	49.0	6.3	7.86	5.59	2.98	(102.3)		49.52	35.236	18.80	plot
				WT Av	46.2	49.0	2.8	9.22	5.81	3.22	(110.4)		25.823	16.28	9.025	plot
		-51.8: quartz-chlorite-sulphide; competent, F_2 45-50°. Py 10-15, Pb2u 2-3	2.8	U1134		51.8	2.8	1.73	1.55	0.59	✓		4.844	4.34	1.652	
		-52.8: as above; Py 30; Pb2u 4-5	1.0	U1134 5		52.8	1.0	1.95	1.82	0.74	✓		1.95	1.82	0.74	
		-53.5: quartz-chlorite-sulphide; F_2 45°; Py 15; Pb2u 1-2		WT Av	49.0	52.8	3.8	1.78 9	1.62	0.629 3	(21.6 6)		6.794	6.16	2.392	plot
			0.7/0.7	—		53.5	—									
				WT Av	45.5	49.0	3.5	8.72	5.65	3.11	(106.5)		30.52	19.78	10.88	
53.5	63.2	QUARTZ-SERICITE PHYLLITE Thinly foliated and banded; fissile, but generally competent. Somewhat altered. F_2 foliation at 60° to core axis, but often folded in kink or base folds about axes at right angles to c.a. Minor fractures infilled with quartz and trace calcite. Minor Py and Po in blebs														
		53.5-57.4: competent; F_2 60°	3.9/3.9			53.5 57.4										
		-59.8: very fissile, broken, F_2 65-70°														
		-62.5: very fissile, broken, ± graphite; F_2 65-70°	4.8/5.1			62.5										
		-62.7: white quartz	0.2/0.2			62.7										
		-63.2: GRAPHITE-PHYLLITE, very broken, F_2 70°	0.4/0.5			63.2										

LESLEY
Please type Wt Av
@ bottom of ~~paragraph~~ section 42.7-53.8'
Please do all Wt Av. likewise.



75-03
14.77
11.71
17.92
3.28
3.77
15.63
2.8 M
6.3 M
3.41
3.8 M

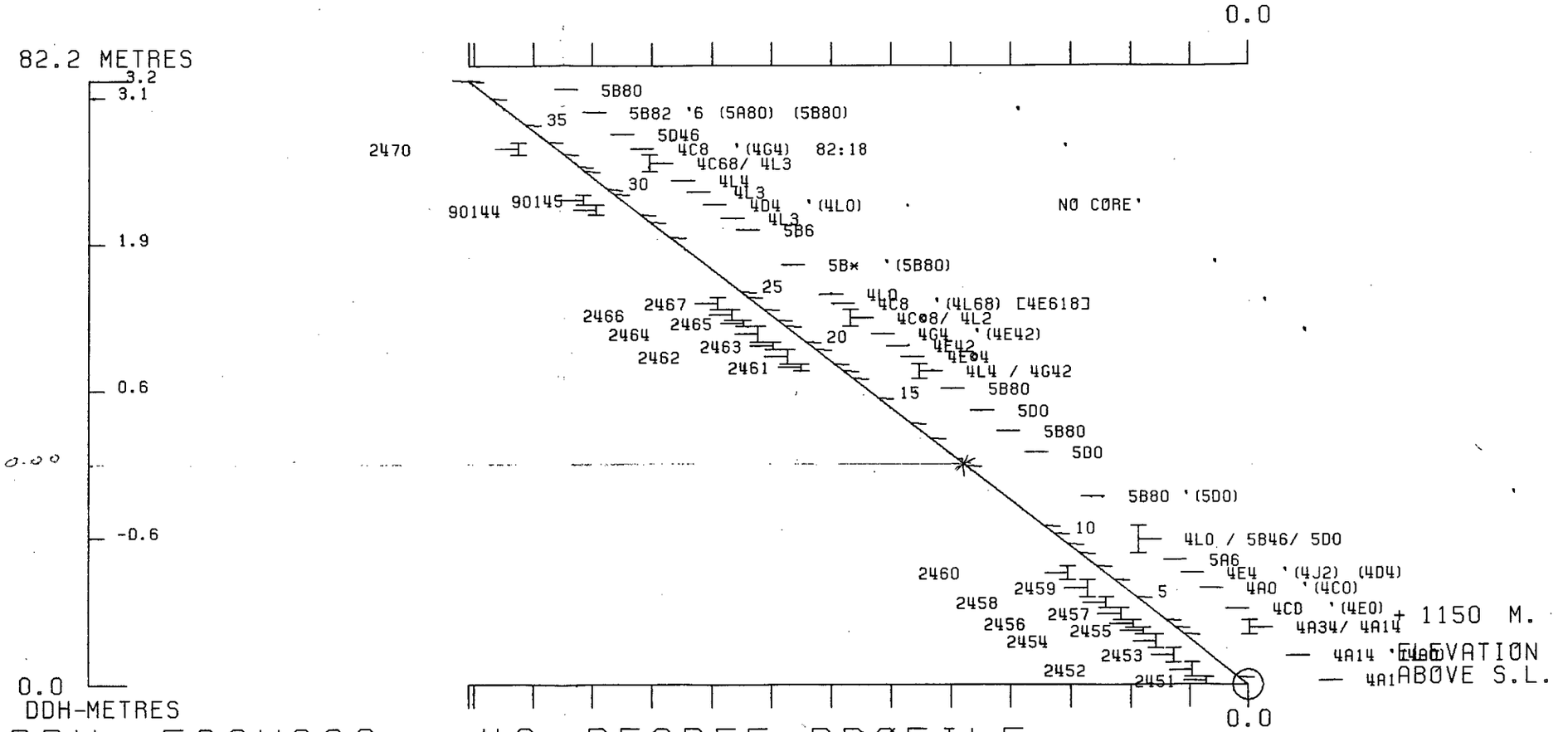
LOGGED BY _____ D.D.H. Nº 75-43 PAGE 6

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 x Pb	Assay x Zn	Assay x Ag
63.2	76.1	BLEACHED QUARTZ-SERICITE-PHYLLITE ± SULPHIDES													
		Very mixed, generally incompetent unit with narrow zones of sulphides; details below:													
		63.2-64.2: Very broken with minor py, po and Pb2n; cerussite? xab in fractures	0.8/1.0		63.2	64.2									
		-64.7: quartz-sulphide; Py 40; Pb2n 4-6; Po 10-15; f_2? 70° to c.a. Silicified, competent	0.5/0.5			64.7									
				V1601	64.0	65.4	1.4	1.00	1.30	15.09 oz/T.			1.40	1.82	21.13
		-65.6: Very broken, incompetent bleached quartz-sericite-kaolin-phyllite; trace sulphides		V1602		66.7	1.3	7.04	5.65	88.80 "			9.15	7.35	115.44
			0.7/0.9			65.6									
		-66.0: quartz-sulphide; Py 30; Pb2n 6-8 competent, two foliations - f_1? 30°; f_2? 60°	0.4/0.4			66.0		3.5 oz/Ton Est @ 64.2-66.7'							
		-66.4: bleached quartz, sericite phyllite ± minor sulphides; f_2 70°; silicified.	0.4/0.4			66.4									
		-66.7: massive sulphide; Py 60; Pb2n 10-12; upper + lower contact at 70°; competent	0.3/0.3			66.7									
		-67.4: broken bleached sericite-kaolin phyllite f_2 60-70°; incompetent	0.5/0.7			67.4									
		-67.5: white quartz													
		-68.0: bleached quartz-sericite-chlorite phyllite; incompetent, broken; f_2 70°	0.5/0.6			68.0									
		-69.9: white quartz, broken	1.6/1.9			69.9									
		-70.1: massive sulphide; Py 60-70; Pb2n 14	0.2/0.2			70.1		7.5 oz/Ton Est @ 69.9-70.6'							

LOGGED BY _____ D.D.H. № 75-U3 PAGE 7

Interval From	Interval To	DESCRIPTION	Recovery	Sample №	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag	
		70.1-70.6: quartz sulphide, broken; with Py 40; Pb2u 4-6; Magnetite 2; F_1? 90° and F_2? 60°	2.1/2.3	—	70.1	72.4	—									
		-72.4: very broken bleached sericite phyllite, incompetent.														
		-74.1: mixed quartz sulphides and massive sulphides competent and silicified; foliation 80°														
		Py 40-50; Pb2u 8-9; Magnetite 3;	1.7	U1136	72.4	74.1	1.7	3.68	2.90	1.44	3/7		6.256	4.93	2.448	plot
		-76.1. bleached quartz-sericite phyllite competent, silicified hard; with minor sulphide lenses. F_2? 80°	2.0/2.0	—		76.1	—									
				Wt Av.	64.0	66.7	2.7	3.91	3.4	50.6	4m/M.T.		10.55	9.17	136.57	
76.1	82.3	QUARTZ-SERICITE-GRAPHITE PHYLLITE MED GREY Thinly banded well foliated fissile, competent with blebs of Po and Py. Two foliations, F_2 80° and F_1 as folded laminations subparallel to core axis A possible F_3, occasional, at ∠ 45°. Trace calcite, increasing ~~upwards~~ c̄ lenght. 81.0-81.8: sheared, with numerous quartz tension fractures.	6.2/6.2		76.1	82.3										
	82.3	END OF HOLE														

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 17 OCT 1984 11:48 AM



DDH: FAGU003 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

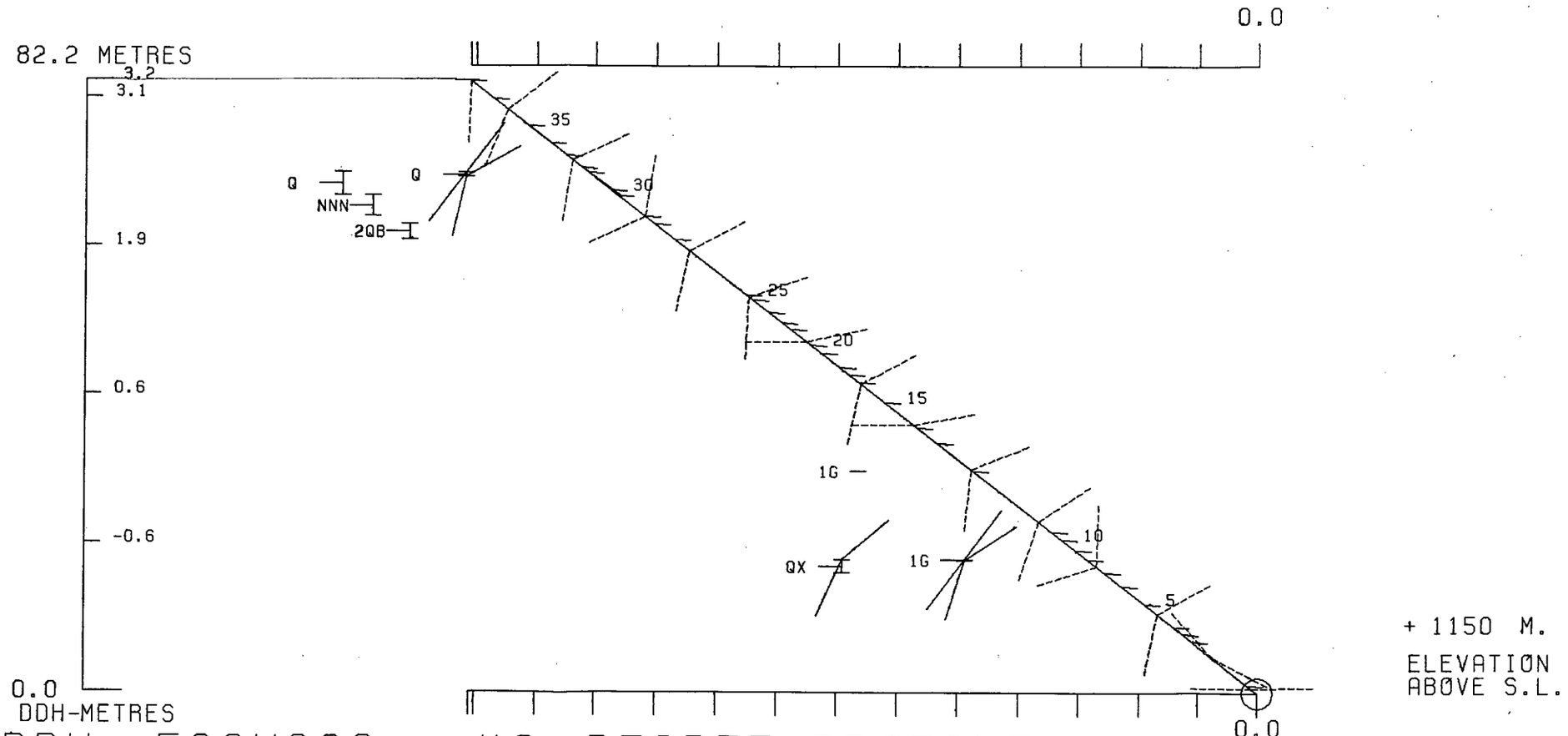
ELEV:1145 592324E ; 904924N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 461.5 Z = 1144.3

SECTION NAME: 72W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 17 OCT 1984 11:46 AM



+ 1150 M.
ELEVATION
ABOVE S.L.

DDH: FAGU003 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1145 592324E ; 904924N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 461.5 Z = 1144.3

SECTION NAME: 72W

FAGU004

DRILL HOLE : FAGU004
NORTHING : 904,927.5
EASTING : 592,326.6
ELEVATION : 1,145.0
TOTAL DEPTH : 53.3
SECTION : W 72
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	15
NOS DOWN-H-SURVEYS:	1
NOS DOWN-H-LITHOLOGY:	22
NOS DOWN-H-STRUCTURE:	9
NOS DOWN-H-FAULTS:	8
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU004 UTM-N: 904,927.5 UTM-E: 592,326.6 UTM-ELEV: 1,145.0 TOTAL DEPTH: 53.3 SECTION: W 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	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.
.2	1.4	06152	1.2	1.2	4A2	3.04	.03	2.29	1.92	30.00		.75		8	8						
1.4	2.7	06153	1.3	.9	4A2	2.96	.11	1.56	2.38	22.00		1.10	1	5	7						
2.7	4.8	06154	2.1	2.0	4A2	2.97	.06	1.87	.41	19.00		.82		7	7						
4.8	6.8	06155	2.0	2.0	4A2	2.99	.08	1.77	.39	17.00		.89		7	8						
6.9	10.6	90086	3.7	.0	4A24			2.98	4.95	40.50											
10.6	14.2	90087	3.6	.0	4A24			2.68	4.63	38.40											
14.2	14.9	90088	.7	.0	4A2			1.13	2.10	19.20											
14.9	15.5	90089	.6	.0	4A24			2.40	3.80	39.40											
15.5	16.8	06157	1.3	1.2	4A4	3.60	.04	8.42	15.00	142.00		1.30	1	9	10						
16.8	17.8	06158	1.0	1.0	4D4	4.16	.02	11.00	21.00	171.00		1.51	1	13	15						
17.8	19.0	06159	1.2	1.2	4E4	4.44	.18	8.44	15.50	153.00		1.92	1	24	25						
44.8	45.7	06160	.9	.9	4L4	3.28	.13	1.05	.82	12.00	13.00	.07	6	7	14						
45.7	46.3	06161	.6	.6	4D0	3.60	.20	2.67	2.66	34.00		.69	9	13	22						
46.3	47.9	06162	1.6	1.6	4GE4	4.69	.08	9.19	6.51	122.00		1.78	1	24	26						
47.9	48.7	06163	.8	.7	4H0	3.64	.33	2.36	1.69	33.00		.21	24	10	34						
WEIGHTED AVERAGE																					
.2	6.8		6.6	6.1		2.98	.07	1.85	1.06	20.98		.88		7	7						
6.9	19.0		12.1	3.4		1.17	.02	4.54	8.08	71.43		.45		4	5						
44.8	48.7		3.9	3.8		3.98	.16	4.90	3.61	64.82	3.00	.89	8	15	24						

DDH: FAGU004 UTM-N: 904,927.5 UTM-E: 592,326.6 UTM-ELEV: 1,145.0 TOTAL DEPTH: 53.3 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	17.900	235.800

DDH: FAGU004 UTM-N: 9O4,927.5 UTM-E: 592,326.6 UTM-ELEV: 1,145.0 TOTAL DEPTH: 53.3 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC		RECOVERY	IND
2.7	OCO1	4A2	&4		0.5-	1
6.2	OCO2	4A2			0.5-	1
15.5	OCO3	4A2	(4A4)	NO CORE	0.5-	1
16.8	OCO4	4A4	(4D4)		0.5-	1
17.8	OCO5	4D4			0.5-	1
19.0	OCO6	4E4	(4D4) (4J1) MINOR		0.5-	1
24.4	OCO7	5B6	(5B26)		0.5-	1
25.7	OCO8	5B6			0.5-	1
27.3	OCO9	5D4*	[4L*]		0.5-	1
34.9	OC10	5B8O	(3D32)		0.5-	1
37.5	OC11	3D32	(3G3) (5BO)		0.5-	1
41.3	OC12	5BC			0.5-	1
43.7	OC13	3GC	[5B6]		0.5-	1
44.8	OC14	5BO	(5B64)		0.5-	1
45.7	OC15	4L4			0.5-	1
46.3	0016	4DC	(4D8)		0.5-	1
47.1	OC17	4G4			0.5-	1
47.9	0018	4E4	(4G4)		0.5-	1
48.7	0019	4HC	(4L1)		0.5-	1
51.6	0020	5B26			0.5-	1
52.6	OC21	4L3	(4L* BXA)		0.5-	1
53.3	OC22	5B46	2 (4L3)		0.5-	1

DDH: FAGU004 UTM-N: 904,927.5 UTM-E: 592,326.6 UTM-ELEV: 1,145.0 TOTAL DEPTH: 53.3 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
FAGU004	0.0	0.7	CS2	0	0	0	0	49	230	0	1	1	1
FAGU004	0.0	4.3	CS2	0	0	30	0	63	230	0	1	1	1
FAGU004	0.0	16.2	PS2	0	0	0	0	55	230	0	1	1	1
FAGU004	0.0	21.5	CS2	0	0	0	0	75	230	0	1	1	1
FAGU004	0.0	28.5	CS2	0	0	0	0	83	230	0	1	1	1
FAGU004	0.0	34.0	CS2	0	0	0	0	76	230	0	1	1	1
FAGU004	0.0	41.5	CS2	0	0	0	0	74	230	0	1	1	1
FAGU004	0.0	47.1	PS2	0	0	0	0	68	230	0	1	1	1
FAGU004	0.0	51.7	CS2	0	0	0	0	66	230	0	1	1	1

DDH: FAGU004 UTM-N: 904,927.5 UTM-E: 592,326.6 UTM-ELEV: 1,145.0 TOTAL DEPTH: 53.3 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
FAGU004	0.1	0.2	NP		0	0	0	0	0	0	1
FAGU004	6.8	15.5	NNN		0	0	0	0	0	0	1
FAGU004	19.2	19.3	X		0	0	0	0	0	0	1
FAGU004	23.3	23.7	GX		0	0	0	0	0	0	1
FAGU004	0.0	31.3	1G		0	0	99	999	0	0	1
FAGU004	0.0	32.9	1G		0	0	32	300	0	0	1
FAGU004	47.9	48.7	XD?		0	0	0	0	0	0	1
FAGU004	51.6	52.6	X		0	0	0	0	0	0	1

DDH: FAGU004 UTM-N: 904,927.5 UTM-E: 592,326.6 UTM-ELEV: 1,145.0 TOTAL DEPTH: 53.3 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU004	1	1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 7

DIAMOND DRILL CORE LOG

Date: 26 May 81

Hole Number: 75-U-04 (FAGU-004)

Reference Fabric Orientation Diagram:

Project: GRUM

Location: SECTION 72 W

Claim: _____

~~Terr.~~ UTM Plane Co-ords.: 6904927.466 N

conversion of KA grid 592326.5667 E

Grid Co-ords: _____

_____

All symmetry determinations looking

Elevation: 1145.01 m _____ with _____ dipping

Total Depth: _____ _____ with dip azimuth _____.

Purpose: RELOG GRUM

Reason hole Terminated: _____

Logged by: GG

Date(s) Logged: 25-26 May 81

Drilling Contractor: _____

	CORE		
Size	From	To	Collar Cased and Capped: _____

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 75-U004
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	75-U004A	1145.0	9049271.5	592326.6	METRES

235.8 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-U004A	00	17.9	234.2	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 EAGU004 (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 3 of 7

Date: 25/5/81 Logged By: GG

UNITS = METERS.

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 x4		
L	0.0	2.7		01	4A2	+(4A2); 0.0 - 0.2 NO RECOVERY;		11S1
L	2.7	6.2		2	4A2			11S1
L	6.2	15.5		3	4A2	+(4A4)		—
						6.8 - 15.5m - NO CORE -		
						INTERPRETED FROM KETCH		
						ADDISON LOGS		
L	15.5	16.8		4	4A4	+(4D4)	RUBBLE	
L	16.8	17.8		5	4D4	HIGH Pb-Zn		11S0
L	17.8	19.0		6	4E4	+(4D4) + (minor 4J1);	TRUNCATES S-BANDS @ ~300	11S2 IN SB6
						CONTAINS SOME HONEY SPHAL;		
						FOOTWALL 10cm = 4D4 WITH		
						BaSO4 VEINS;		
L	19.0	24.4		7	5B6	+(5B26); 19.2 - 19.3 -	5cm GOUGE	
						PYRITE-SILICATE HEALED SB62 BRECCIA		
						23.3 - 23.7 - GOUGE & TECTONIC		
						BRECCIA - FAULT		
L	24.4	25.7		8	5B6		25/00° WITH S2	
							+ BRECCIA TOP OF	AT 3D2
L	25.7	27.3		9	4L*	- PALE BROWN ANKERITIC	10cm QZ VN	
						TINT; MASSIVE TO LOCALLY		
						FOLIATED;		
L	27.3	34.7		10	5B8B3	+(3D3(2)); 7cm GOUGES @		11S2
						31.3 & 32.9m;		
L	34.9	37.5		11	3D3	(2) + (3G3) + (5B0 - fine grained)		11S2
L	37.5	41.3		12	5B0	FEW LITHON STRUCTURES.		11S2 11S1
L	41.3	43.7		13	3G2	[5B6].		11S2 B5
L	43.7	44.8		14	5B0	+(5B64) ⇒ FOOTWALL		11S2 ?
L	44.8	45.7		15	4L4		INTERCALATED 4cm	11S0 B5
L	45.7	46.3		16	4D0	+(4D8);		11S0
L	46.3	47.1		17	4G4			11S0
L	47.1	47.9		18	4E4	+(4G4)		
L	47.9	48.7		19	4H 0.5%	+(4L1) - CPY ASS'D WITH 4L1	100cm 4L0 +3cm QZ VN	11S2
						BRECCIA CLASTS IN 4H4 MATRIX		
L	48.7	51.6		20	5B26			

DDH FAGU004 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 25/5/81 Logged By: GG.

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	%
1	10–14	16–20	22–24	26–28	30–34	35		
L	516	526		21	ALB	+ (AL* - TECTONIC BRECCIA)	RUTILE	
						+ SOME ANK;		
L	526	533			5B46	/2/ + (AL3)	—	
						END OF HOLE @ 53.3m.		

DDH EAGU004 (2–8)

Cyprus Anvil Mining Corp.

Structural Log

Date: 26/5/81 Logged By: GG

UNITS = METERS

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip (28–32)	S_0 Direct.	S_1 Dip (34–38)	S_1 Direct.	S_2 Dip (40–44)	S_2 Direct	Description
S		07	CS2						49		C-STREAKS
S		43	CS2				30	00	63		2 DIRECTIONS OF C-STREAKS.
											# - LOW S_1 & TYPICAL
											THROUGH HERE
											NO CORE
S		162	CS2		55						S-BAND & C-STREAKS
S		215	CS2						75		
S		285	CS2						83		M-REGION - 28.0 - 29.0 m.
		313									GOUGE - CNTS ∥ S_2 ?
		329									GOUGE - H/W = F/W = 32/300°
S		340	CS2						76		
S		415	CS2						74		M-REGION - 39.5 - 42.0 m.
S		471	CS2		68						S-BANDS
S		517	CS2						66		-COMPOSITIONAL BANDS IN 4L0
											END OF HOLE @ 53.3m.

DDH EAG-U0-04 (2–8) **Cyprus Anvil Mining Corp** Page 7 of 7

ASSAY LOG (SAMPLER'S COPY) Date 26/5/81 Logged by GG Sampled by LS

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10–14	16–20	22–26	28–30	32–34	36–40	42
A	02	14	61512	12	13	4A2	+(4A2). NOT ORIGINALLY
A	14	27	61513	13	09	4A2	+(4A2) SAMPLED BY K.A.-
A	27	48	61514	21	20	4A2	½ CORE SAMPLED
A	48	68	61515	20	21	4A2	+(4A4) BY CYPRUS ANVIL.
	68	155		87	—		6.8–15.5 – WHOLE CORE
							ASSAY BY K.A. – SEE K.A.
							LOGS; SAMPLE 6156 NOT TAKEN;
A	155	168	61517	13	12	4A4	+(4D4).
A	168	178	61518	10	10	4D4	– HIGH SPHAL
A	178	190	61519	12	13	4E4	+(4D4)+(minor 4J1)
A	448	457	61610	09	10	4L4	SPLIT BY CYPRUS – NOT SAMPLED BY K.A.
A	457	463	61611	06	06	4D4	+(4D48)
A	463	479	61612	16	17	4G4	+(4E4).
A	479	487	61613	08	07	4H4	+(4L1) – NOTE CPY

UNITS = METERS

Metres

FAULT

DDH FAGU004 (2–8)

Cyprus Anvil Mining Corp.
Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip Direct. (28–32)	S_1 Dip Direct. (34–38)	S_2 Dip Direct (40–44)	Description
F	00	02	NP					no recovry
F	68	155	NNN					no core - KA sample
F	192	193	X					pyrite - silicate healed
								5B62 bxa
F	233	237	GX					gouge & tectonic bxa
F		313	IG			99 999		7cm gouge 11 S_2?
F		329	IG			32 300		7 cm gouge
								hangwall = footwall = 32/300
F	479	487	XD?					4L1 bxa clasts in 4H4
								matrix
F	516	526	X					tectonic bxa

DDH FAGU004 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 5 of 7

UNITS = METERS GEOTECH

Date: 26/5/81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
						*NOTE - DDH DRILLED UPWARD FROM MINE DRIFT;
	00					FOOTWALL → COLLARED IN ORE
		190				HANGING WALL → (5B6)
						ORE | COMPETENT - SOFT NEAR ORE
						0m 3m
	457					FOOTWALL → 5B0 + 4L4
						COMPETENT | ORE
						3m 0m
		487				HANGING WALL → 5B26
						ORE | COMPETENT
						0m 3m

WMS wt. calc. ok JE Typed-ine

DIAMOND DRILL RECORD

LOGGED BY MEL DeQUADROS

PROPERTY GRUM JOINT VENTURE — UNDERGROUND

LATITUDE 10,720.193 (Line Grid 3N) BEARING OF HOLE (235° 37' 10" S.55° 37' 10" W) STARTED

DEPARTURE 7631.532 (Y2W) DIP OF HOLE + 76° COMPLETED

ELEVATION 1155.616 DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-M4 PAGE 1

CLAIM No.

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

Metres

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	15.5	QUARTZ-SULPHIDE ±GRAPHITE PHYLLITE													
		Competent, hard and brittle; silicified and partly altered.	15.0 / 15.5	—	0	15.5	—	3-5% Pb Zn, Est Ag.							
		F_2 well developed with parallel pattern; F_2 · 60-65°.	10.6		0	0.6		+ Pb Zn, Est Ag							
		F_1 seen, very folded and contorted, ~~probably average~~ generally parallel to core axis. With minor	6.3			6.9		"	"	"	"	"			
		quartz veins, contacts of which are about 30° to c.a.		U1603		10.6	3.7	2.98	4.95	40.46	Tr.	7.93	11.03	18.32	149.7
		New fractures with minor dislocations parallel to		4		14.2	3.6	2.68	4.63	38.40		7.31	9.65	16.67	138.2
		core axes — these are now healed. Overall		5		14.9	0.7	1.13	2.10	19.20		3.23	.79	1.47	13.4
		Py 15-20%, Pb Zn 3-5; minor thin layers		6		15.5	0.6	2.40	3.80	39.43		6.20	1.44	2.28	23.7
		of up to 0.05 m may average 8-10% Pb Zn.		Wt. Av.	6.9	15.5	8.6	2.66	4.50	~~37.5~~ 37.9 Tr.	Tr.	7.167	22.91	38.77	~~325.0~~ 325.0
				Wt. Av.	6.9	14.2	7.3	2.83	4.79	38.4			20.68	34.99	287.4
15.5	19.0	MASSIVE SULPHIDE													
		Competent hard, partly silicified; foliation 80-90° to c.a;													
		lower contact at 90° to c.a.													
		15.5 - 17.5: Py 60; Pb Zn 18-20; Q 10	1.8	U1151	15.5	17.5	2.0	10.31	17.51	4.47	Tr.		20.62	35.02	8.94
		-19.0: Py 70; Pb Zn 15-; vuggier and coarser	1.5	U1152		19.0	1.5	9.81	17.23	4.21	"		14.715	25.845	6.315
		than above		Wt. Av.	15.5	19.0	3.5	10.09	17.39	4.358	(149.4)		35.335	60.895	15.255 plot

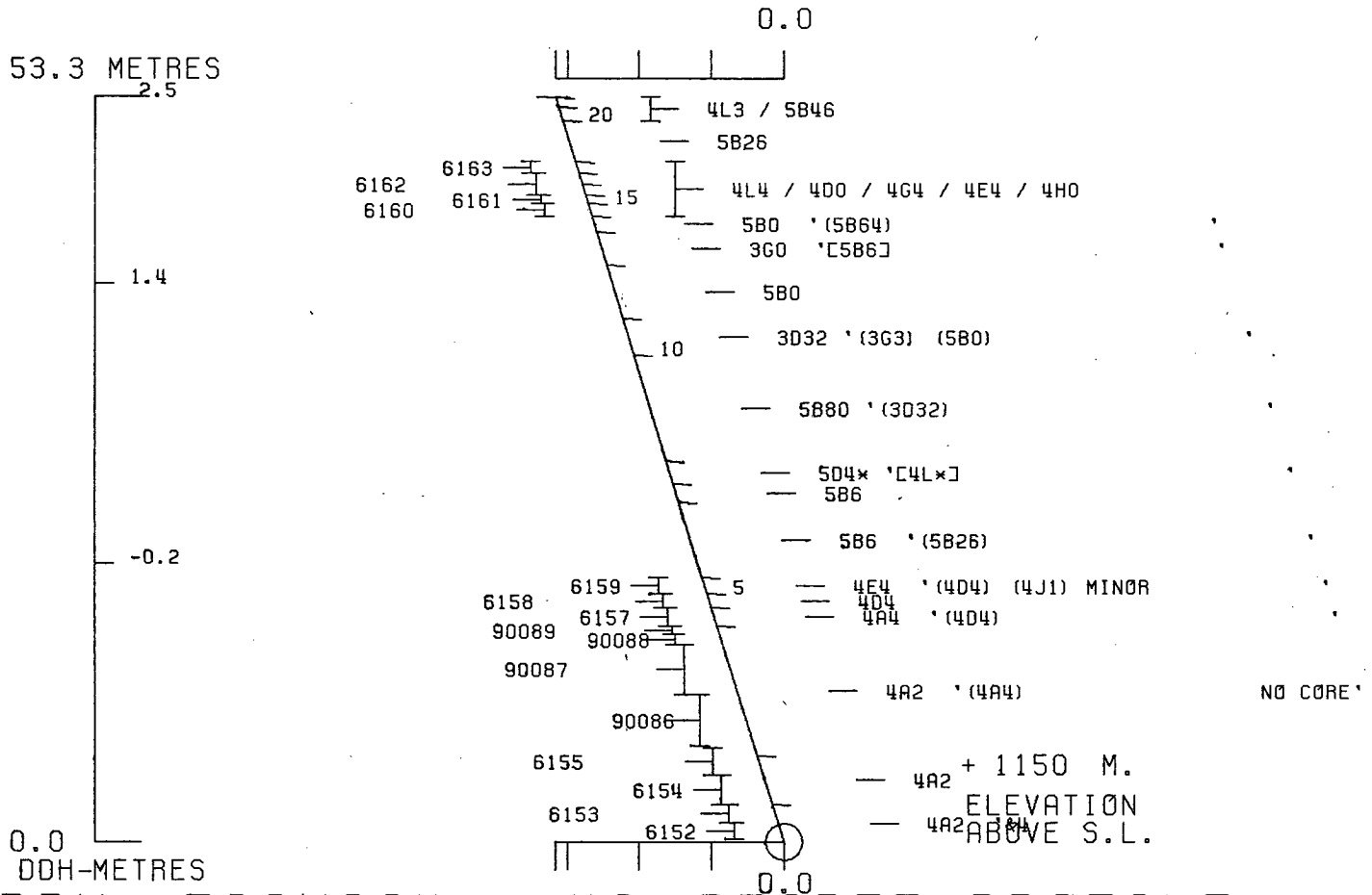
LOGGED BY _____ D.D.H. Nº 75-44 PAGE 2

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
19.0	~~24.4~~ 25.7	QUARTZ - GRAPHITE ± SERICITE PHYLLITE DK GREY Incompetent & well foliated, and fissile, thinly banded. Numerous quartz-filled tension fractures. Has an altered and slightly ~~foamed~~ foamed appearance. F_2 about 70°. Graphite content decreases from 24.4 to 25.7, grading into next unit	6.3/6.7	—	19.0	25.7	—								
25.7	37.6	QUARTZ - CALCITE - CHLORITE ± SERICITE PHYLLITE LT GREEN Competent well foliated, fissile but ~~thickly~~ thickly banded. Minor tension fractures calcitized. F_1 not seen and F_2 80-90° to core axis. Calcite content increasing ~~with length~~ with length, grading into a calcite chlorite phyllite. Rare pyrite xol.	11.6/11.9		25.7	37.6									
37.6	39.9	QUARTZ - CALCITE - SERICITE PHYLLITE LT GREY Well banded and foliated, calcite content decreasing with length. Competent. F_2 70-80°	2.3/2.3		37.6	39.9									
39.9	44.7	QUARTZ - SERICITE - CHLORITE PHYLLITE Competent, well banded and foliated; F_2 80-90°. Showing slight signs of alteration.	4.8/4.8		39.9	44.7									

LOGGED BY _____ D.D.H. Nº 75-44 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	
44.7	45.7	BLEACHED QUARTZ SERICITE PHYLLITE LT GREY	1.0/1.0	—	44.7	45.7	—									
~~45.7~~	~~46.2~~	Competent, hard, silicified, with minor (0.05m) lenses of massive pyrite and pyrrhotite. Po+Py also as blebs. Po 5; Py 15, F_2 80°.														
45.7	46.2	QUARTZ SULPHIDE. Gradational from unit above to unit below. Hard, silicified, competent. With graphite and magnetite. F_2 70-80°. Py 40; Mg 10; Pb2n 4-6	0.5	U1153	45.7	46.2	0.5	2.70	2.50	0.88	✓		1.35	1.25	0.44	
46.2	~~47.8~~ 48.7	MASSIVE SULPHIDE— Competent well foliated and banded. Foliation 70° to core axis.														
		46.2-47.8; Py ~~80~~ 70; Pb2n 10-11; F_2 60-70°	1.6	U1154	46.2	47.8	1.6	9.70	6.72	3.68	✓		15.52	10.752	5.888	plot
		-48.7: Py 40; Po 20; Pb2n 8?; F_2 70-80°	0.9	U1155		48.7	0.9	2.25	1.49	0.80	✓		2.025	1.341	0.72	
48.7	53.3	BLEACHED QUARTZ-SERICITE PHYLLITE LT GREY	3.6/4.6	—	48.7	53.3	—									
		Incompetent and altered, with numerous silicified lenses on fractures. Rare graphitic layers up to 0.1m wide.		WT. Av	45.7	48.7	3.0	6.29	4.44	2.349	(80.5)		18.895	13.343	7.048	plot
		52.4-53.3: Very broken and pebbly.														
		F_2 70-80°. Banded with unit above at 35°.														
	53.3	END OF HOLE—														

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 24 OCT 1984 2:06 PM



DDH: FAGU004 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

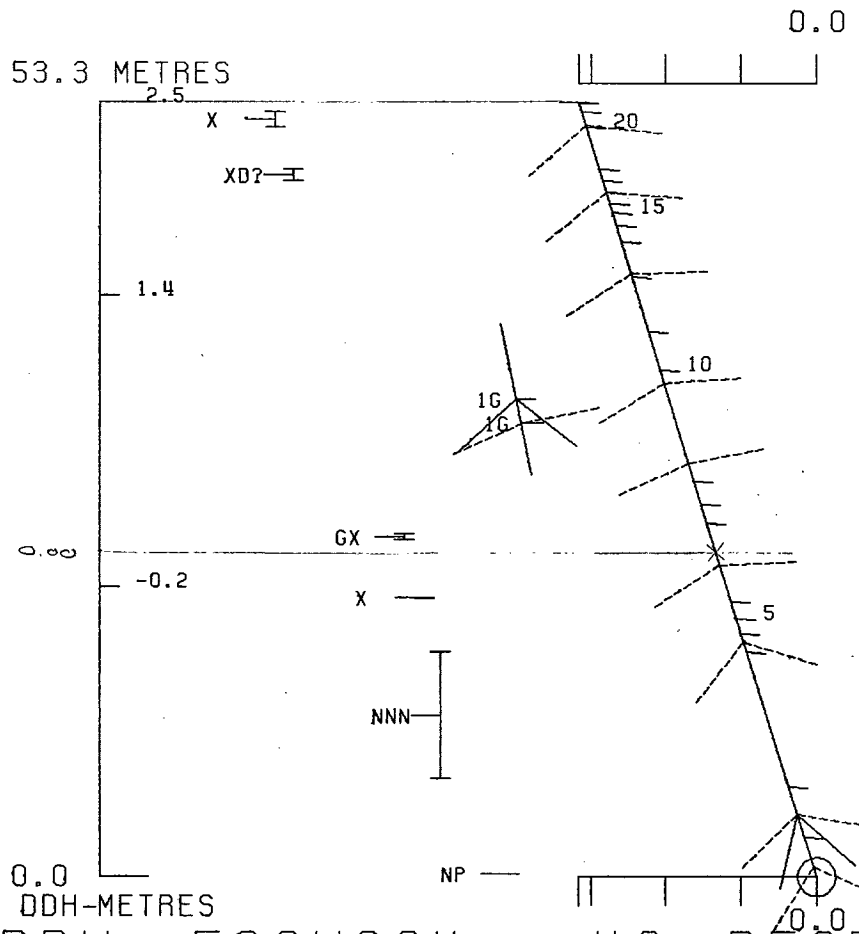
ELEV: 1145 592327E ; 904928N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 465.7 Z = 1144.6

SECTION NAME: 72W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 24 OCT 1984 2:03 PM



+ 1150 M.
ELEVATION
ABOVE S.L.

DDH: FAGU004 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV:1145 592327E ; 904928N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 465.7 Z = 1144.6

SECTION NAME: 72W

DDH: FAGA215 -- 42 DEGREE PROFILE

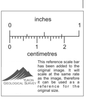
(VIEW AZIMUTH = 312 DEGREES)

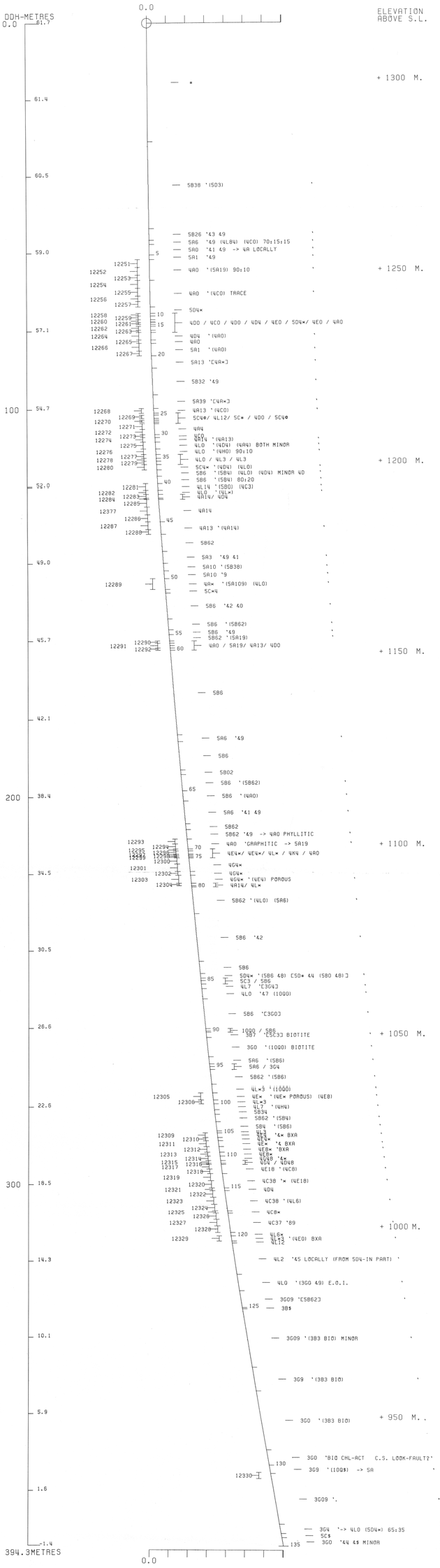
ELEV:1303 592359E ; 905057N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 583.7 Z = 1314.8

SECTION NAME: 72W





CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 3 DEC 1984 11:12 AM

DDH: FAGA215 -- 42 DEGREE PROFILE

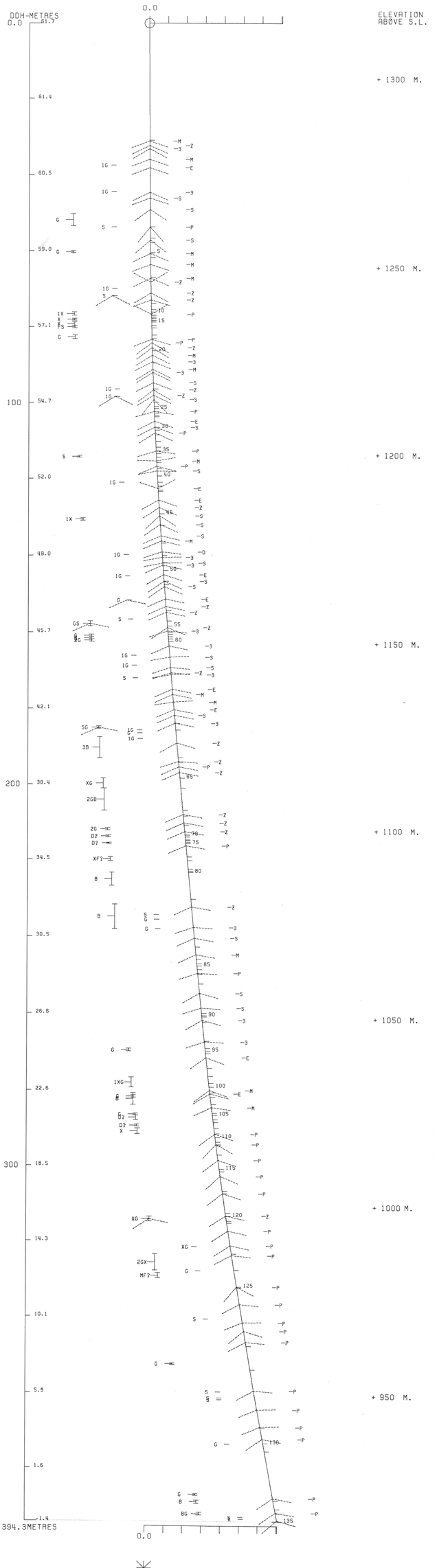
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1303 592359E ; 905057N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 583.7 Z = 1314.8

SECTION NAME: 72W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 11 DEC 1984 11:23 AM

DDH: FAGA215 -- 42 DEGREE PROFILE

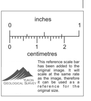
(VIEW AZIMUTH = 312 DEGREES)

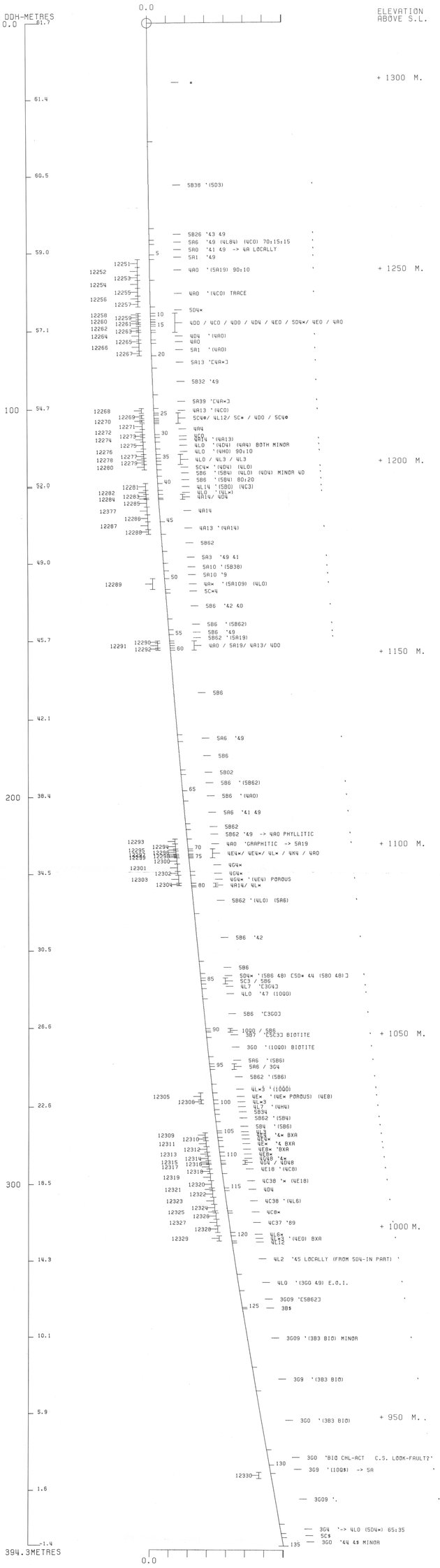
ELEV:1303 592359E ; 905057N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 583.7 Z = 1314.8

SECTION NAME: 72W





CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 3 DEC 1984 11:12 AM

DDH: FAGA215 -- 42 DEGREE PROFILE

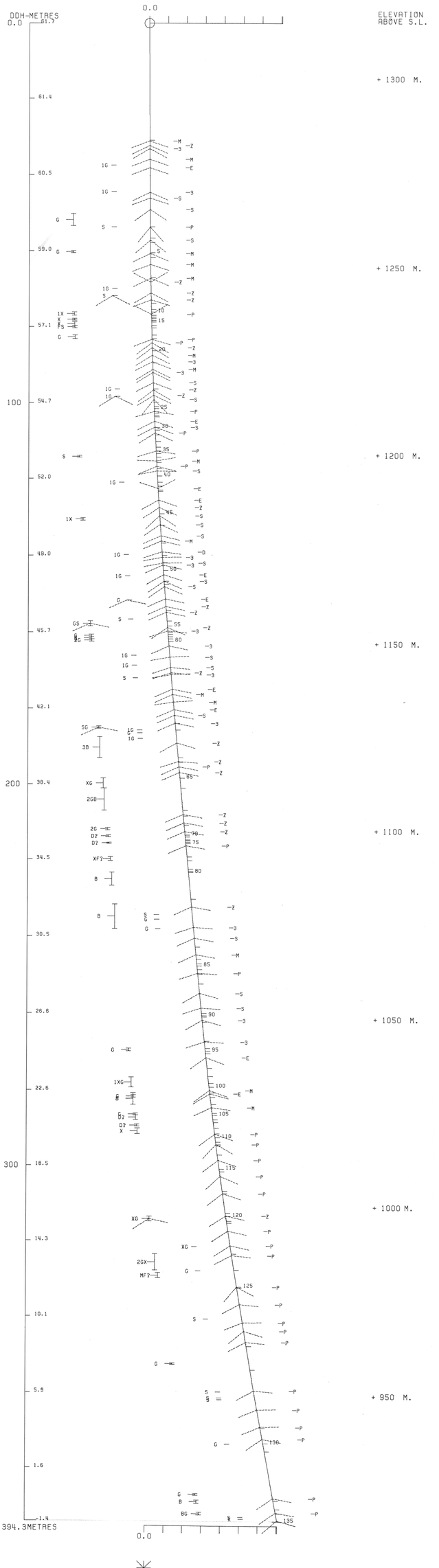
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1303 592359E ; 905057N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 583.7 Z = 1314.8

SECTION NAME: 72W



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